

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021280.D
 Acq On : 30 Jun 2019 02:06
 Operator : HP/JU
 Sample : K3590-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	23	rVB	2225463	2684524	7.58%	1.337%
2	4.404	237	241	248	rVB	260505	341825	0.97%	0.170%
3	6.434	581	586	592	rVB	84076	132761	0.37%	0.066%
4	6.857	653	658	664	rVV	187754	264026	0.75%	0.132%
5	6.934	664	671	687	rVB	726472	1250602	3.53%	0.623%
6	7.098	694	699	710	rVV	538666	846535	2.39%	0.422%
7	7.187	710	714	724	rVB2	40065	78772	0.22%	0.039%
8	7.292	726	732	741	rVB	760981	1193055	3.37%	0.594%
9	7.757	804	811	818	rBV	1137995	1804607	5.10%	0.899%
10	7.887	827	833	838	rVB	65679	94971	0.27%	0.047%
11	8.469	925	932	943	rBV	959294	1547473	4.37%	0.771%
12	8.922	1001	1009	1020	rBV	722449	1227541	3.47%	0.612%
13	9.069	1030	1034	1043	rVB4	25121	42995	0.12%	0.021%
14	9.286	1062	1071	1078	rBV	142841	213037	0.60%	0.106%
15	9.639	1122	1131	1143	rBV	635281	1094434	3.09%	0.545%
16	9.857	1163	1168	1177	rVB8	15722	41502	0.12%	0.021%
17	10.175	1214	1222	1232	rBV	1060933	1832517	5.17%	0.913%
18	10.545	1277	1285	1293	rBV	1672338	2748501	7.76%	1.369%
19	10.692	1304	1310	1327	rVB	719280	1274305	3.60%	0.635%
20	11.339	1411	1420	1426	rBV6	27961	53530	0.15%	0.027%
21	11.563	1449	1458	1465	rBV10	16927	51543	0.15%	0.026%
22	11.775	1489	1494	1499	rVB	92871	133248	0.38%	0.066%
23	12.804	1667	1669	1674	rVB4	29848	44173	0.12%	0.022%
24	12.857	1674	1678	1683	rBV2	32580	46924	0.13%	0.023%
25	12.910	1683	1687	1692	rBV	119576	169651	0.48%	0.085%
26	12.980	1694	1699	1700	rBV5	23197	39108	0.11%	0.019%
27	13.157	1721	1729	1732	rBV7	36540	87835	0.25%	0.044%
28	13.204	1732	1737	1744	rVB	175622	276377	0.78%	0.138%
29	13.269	1744	1748	1749	rBV4	34407	44045	0.12%	0.022%
30	13.421	1770	1774	1775	rBV3	33615	42308	0.12%	0.021%
31	13.598	1800	1804	1807	rBV3	52070	81013	0.23%	0.040%
32	13.733	1819	1827	1831	rBV7	97176	268583	0.76%	0.134%
33	13.816	1831	1841	1845	rBV	2065640	3347866	9.45%	1.668%
34	13.863	1845	1849	1854	rVV2	1191345	1764821	4.98%	0.879%

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35	13.910	1854	1857	1865	rVB6	224048	493543	1.39%	0.246%
36	13.986	1866	1870	1873	rBV3	151556	204296	0.58%	0.102%
37	14.092	1882	1888	1893	rBV	2249319	3513969	9.92%	1.751%
38	14.216	1904	1909	1915	rVB2	312778	647370	1.83%	0.323%
39	14.286	1916	1921	1926	rBV2	1126831	1583768	4.47%	0.789%
40	14.351	1928	1932	1936	rVV3	372125	606036	1.71%	0.302%
41	14.404	1936	1941	1946	rVB2	2505912	3849133	10.87%	1.918%
42	14.621	1974	1978	1985	rBV4	805866	1425444	4.03%	0.710%
43	14.704	1988	1992	1994	rBV4	304337	455652	1.29%	0.227%
44	14.786	2003	2006	2010	rVB2	498710	641771	1.81%	0.320%
45	14.845	2013	2016	2021	rVV2	283382	445296	1.26%	0.222%
46	14.904	2022	2026	2033	rVB4	843122	1501527	4.24%	0.748%
47	14.980	2036	2039	2042	rVV2	357454	395523	1.12%	0.197%
48	15.033	2042	2048	2055	rVV4	517365	1086819	3.07%	0.541%
49	15.245	2080	2084	2089	rBV2	2152461	2937753	8.30%	1.464%
50	15.351	2098	2102	2105	rBV4	511125	868850	2.45%	0.433%
51	15.398	2105	2110	2115	rVB	3208145	4364778	12.33%	2.174%
52	15.533	2129	2133	2138	rBV3	591587	938840	2.65%	0.468%
53	15.651	2146	2153	2157	rBV	2818666	4990893	14.09%	2.486%
54	15.745	2165	2169	2172	rBV3	748495	1311091	3.70%	0.653%
55	15.804	2176	2179	2185	rVV4	572298	1019616	2.88%	0.508%
56	15.862	2186	2189	2192	rVV2	765446	868648	2.45%	0.433%
57	15.898	2192	2195	2201	rVV3	722428	1054829	2.98%	0.526%
58	16.004	2210	2213	2216	rVB3	825423	1020809	2.88%	0.509%
59	16.133	2227	2235	2247	rBV2	8026983	17747680	50.12%	8.842%
60	16.262	2254	2257	2260	rBV2	704776	857420	2.42%	0.427%
61	16.451	2286	2289	2292	rBV2	997072	1400253	3.95%	0.698%
62	16.815	2345	2351	2356	rBV	23133606	35413526	100.00%	17.643%
63	16.904	2362	2366	2370	rBV	3040013	3281837	9.27%	1.635%
64	16.957	2370	2375	2379	rBV2	3220326	4710138	13.30%	2.347%
65	17.157	2405	2409	2413	rBV2	2841686	4043351	11.42%	2.014%
66	17.256	2422	2426	2433	rVB2	3499398	5252179	14.83%	2.617%
67	17.556	2474	2477	2481	rBV4	1133162	1628703	4.60%	0.811%
68	17.639	2487	2491	2499	rVB	3323137	4271782	12.06%	2.128%
69	18.051	2558	2561	2565	rVB	1940782	2076576	5.86%	1.035%
70	18.333	2605	2609	2614	rVB	2688829	3572569	10.09%	1.780%
71	18.868	2697	2700	2710	rVB3	1535602	2654536	7.50%	1.322%

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72	18.968	2714	2717	2720	rVB	1414742	1648185	4.65%	0.821%
73	19.209	2755	2758	2765	rVB	1539248	2390973	6.75%	1.191%
74	19.550	2812	2816	2819	rBV2	3851129	5247523	14.82%	2.614%
75	19.580	2819	2821	2829	rVV2	2766344	4182580	11.81%	2.084%
76	19.650	2830	2833	2839	rVB	1873731	2859202	8.07%	1.424%
77	19.892	2871	2874	2876	rBV3	664596	943312	2.66%	0.470%
78	20.027	2894	2897	2904	rBV6	710099	1722157	4.86%	0.858%
79	20.374	2953	2956	2959	rBV	756393	905073	2.56%	0.451%
80	20.545	2981	2985	2989	rBV	3612694	5073202	14.33%	2.527%
81	21.039	3067	3069	3077	rVB2	1195204	1324205	3.74%	0.660%
82	21.339	3116	3120	3124	rVB	2870557	3628202	10.25%	1.808%
83	22.386	3295	3298	3311	rVB3	1069382	1980592	5.59%	0.987%
84	22.615	3334	3337	3347	rVB	1146397	1710568	4.83%	0.852%
85	22.944	3389	3393	3404	rVB2	2344366	4334921	12.24%	2.160%
86	23.468	3476	3482	3486	rBV	2475171	4574181	12.92%	2.279%
87	23.609	3502	3506	3513	rVB	2086373	3903637	11.02%	1.945%
88	24.121	3589	3593	3600	rVB	866474	1574327	4.45%	0.784%
89	24.209	3603	3608	3621	rVB	2104650	4423602	12.49%	2.204%

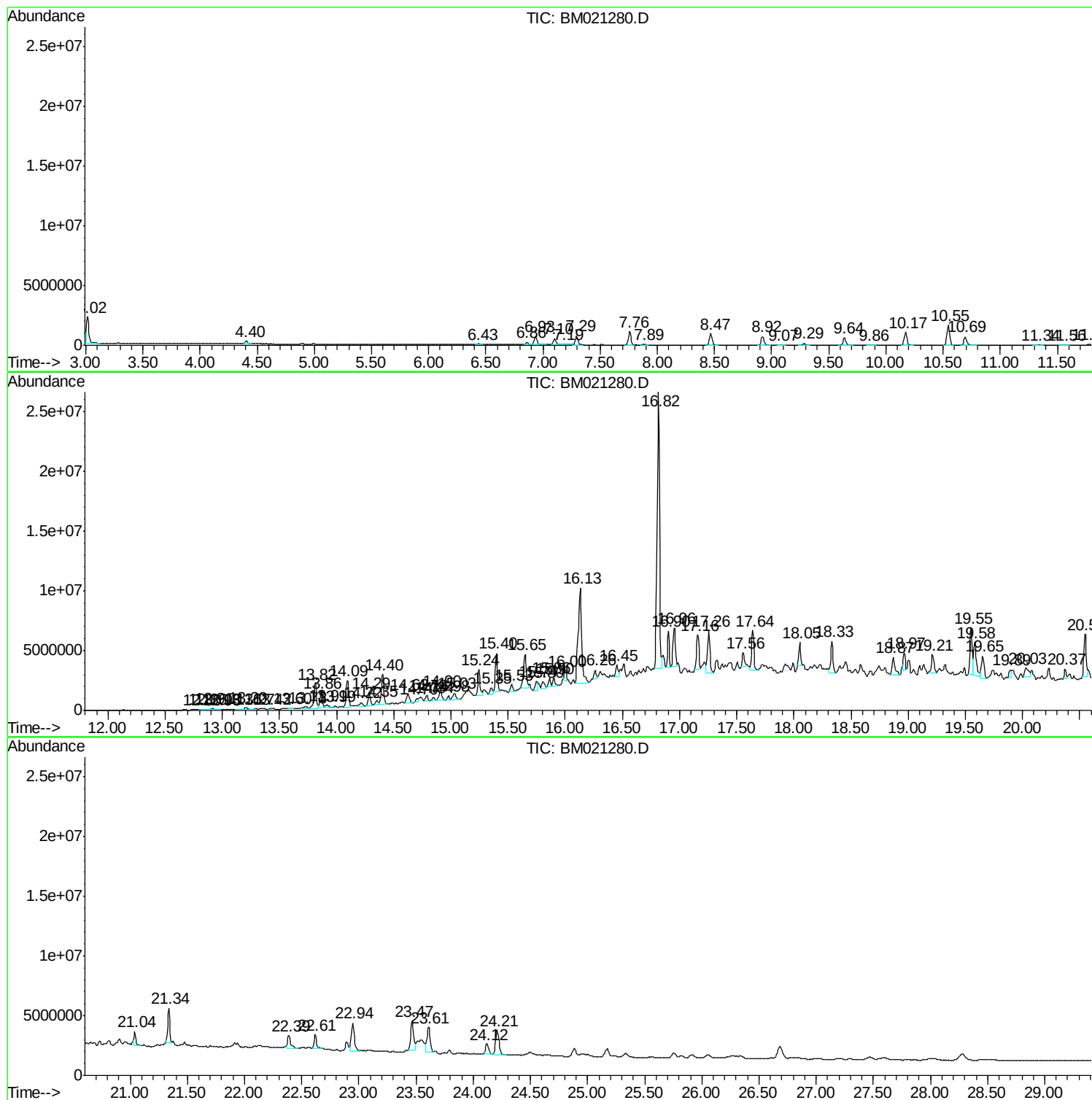
Sum of corrected areas: 200728254

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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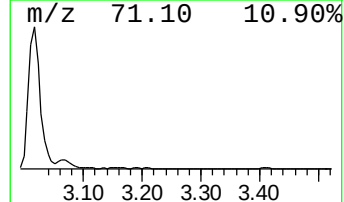
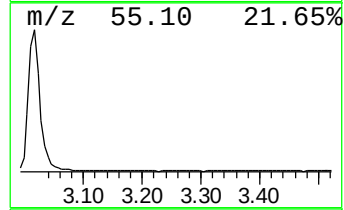
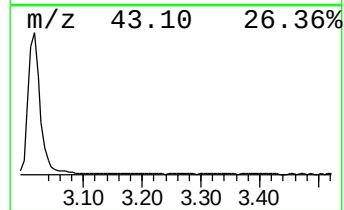
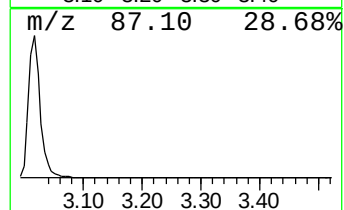
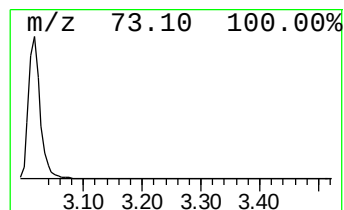
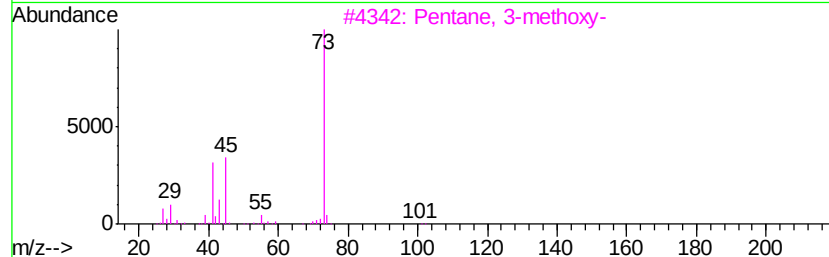
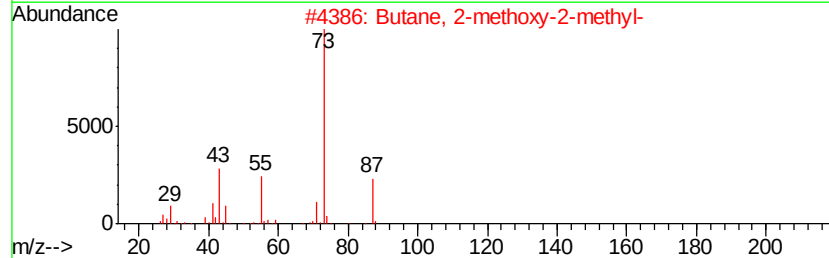
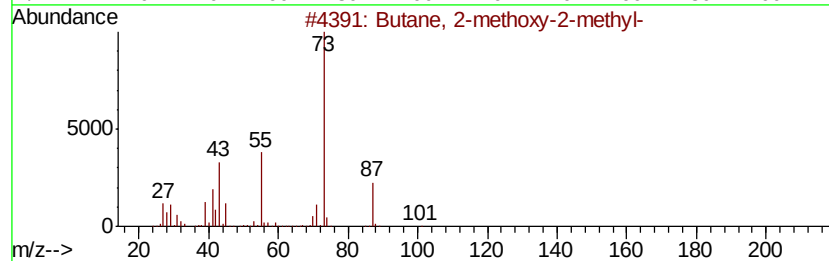
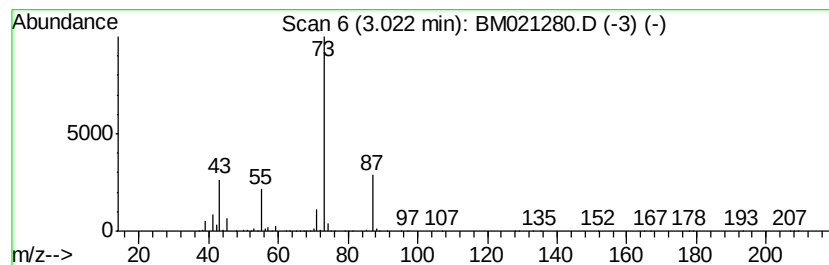
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	29.75 ng/ul	2684520	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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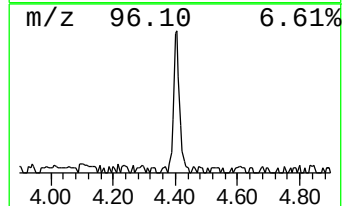
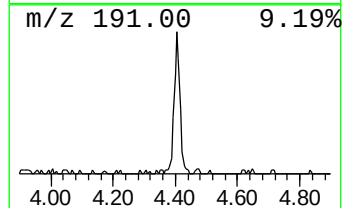
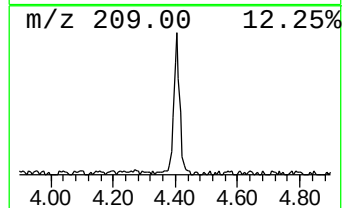
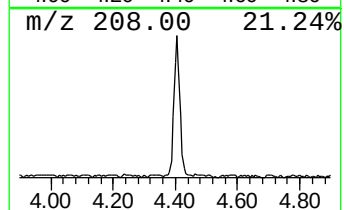
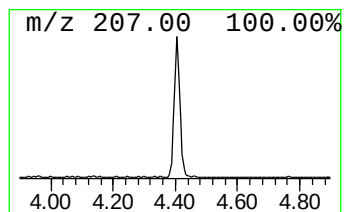
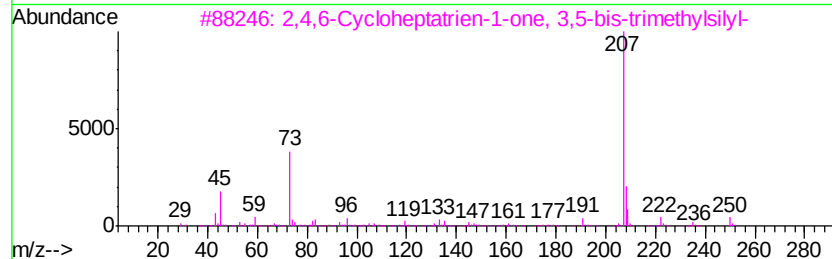
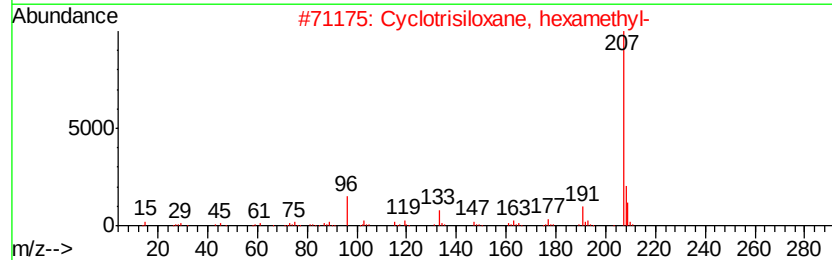
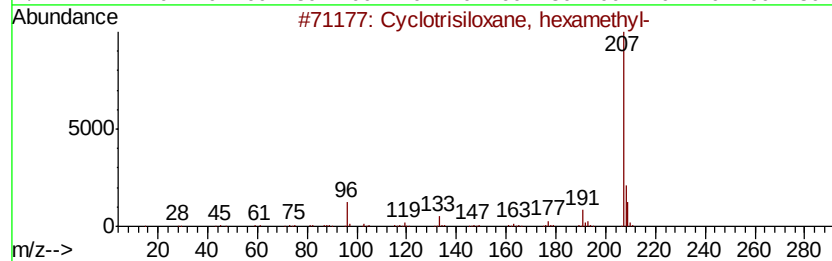
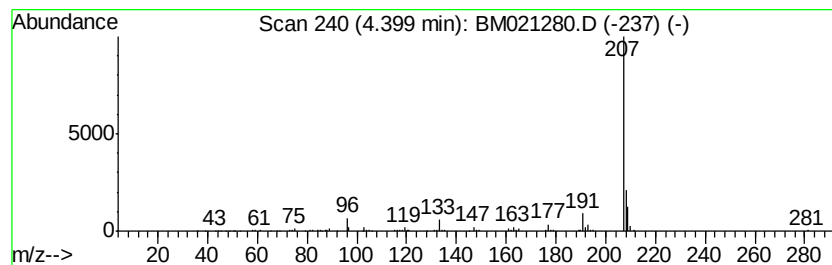
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	3.79 ng/ul	341825	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3		2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22O3Si2	1000161-21-8	78
4		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
5		2-Ethylacridine	207	C15H13N	055751-83-2	42



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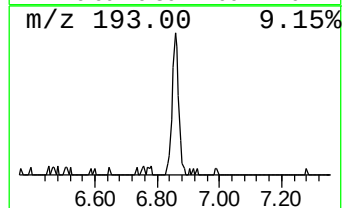
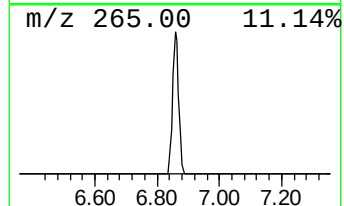
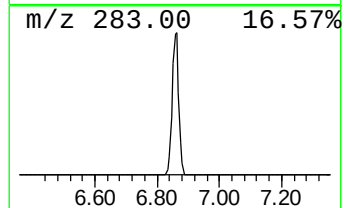
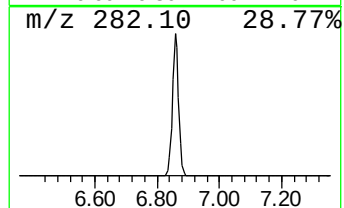
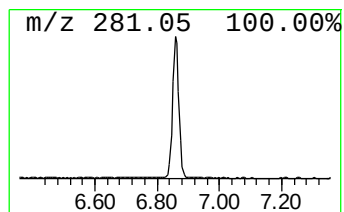
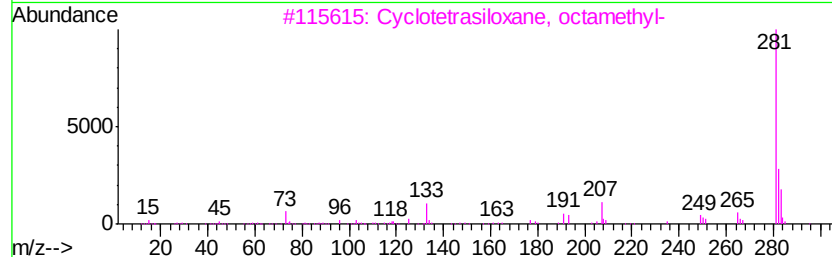
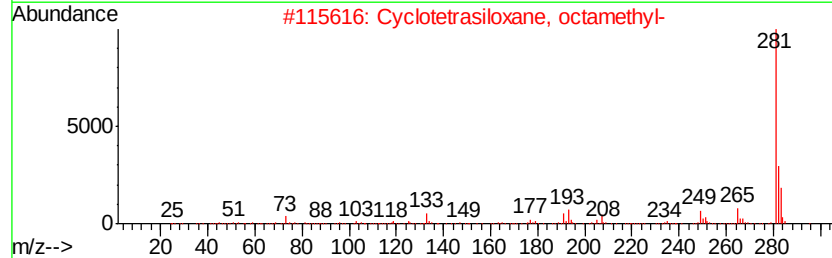
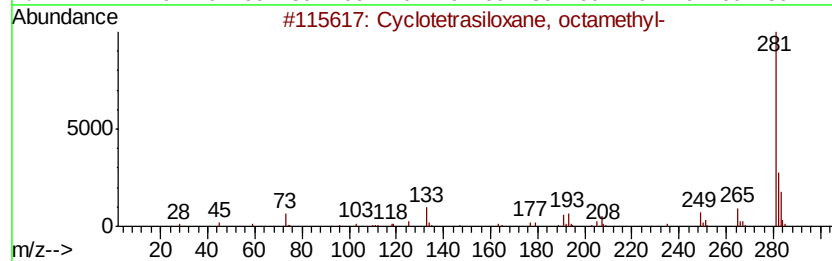
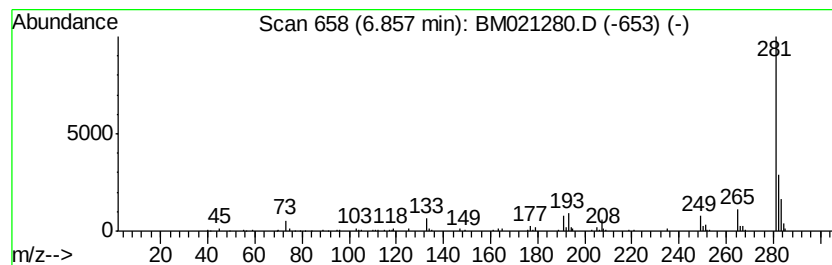
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.93 ng/ul	264026	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
4		Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59
5		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50



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ALS Vial : 26 Sample Multiplier: 1

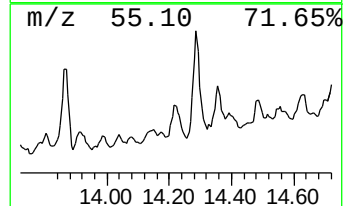
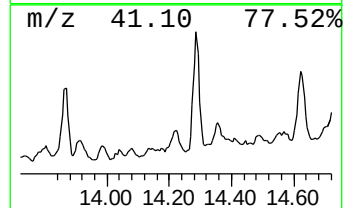
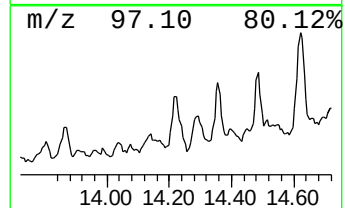
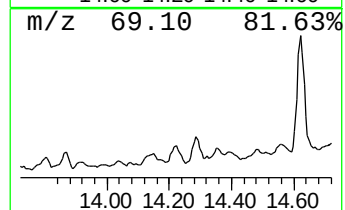
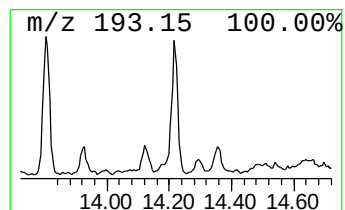
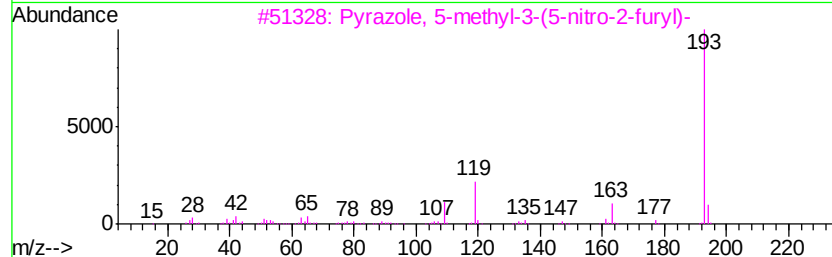
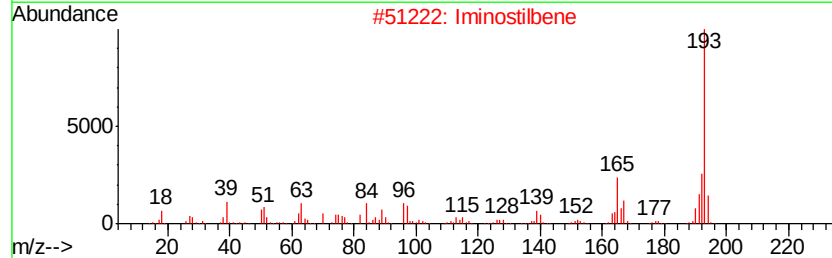
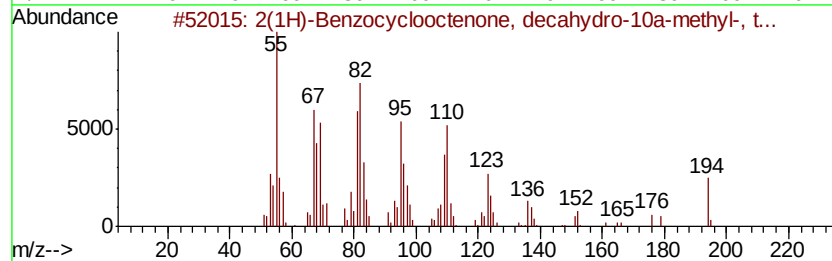
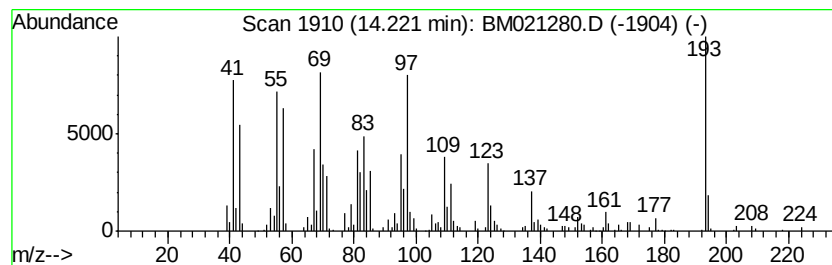
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.36 ng/ul	647370	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2(1H)-Benzocyclooctenone, decahy...	194 C13H22O	055103-68-9	25
2	Iminostilbene	193 C14H11N	000256-96-2	22
3	Pvrazole, 5-methyl-3-(5-nitro-2-...	193 C8H7N3O3	016239-90-0	22
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	006876-13-7	22
5	Cyclohexane, 1,2-dimethyl-3-pent...	224 C16H32	062376-17-4	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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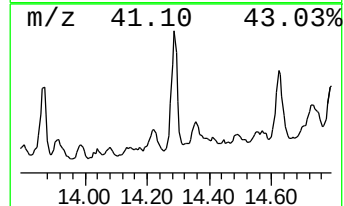
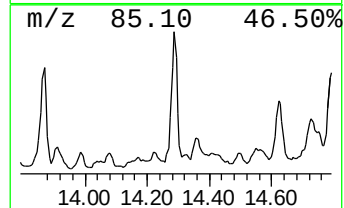
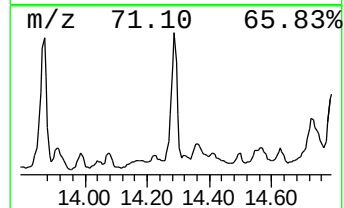
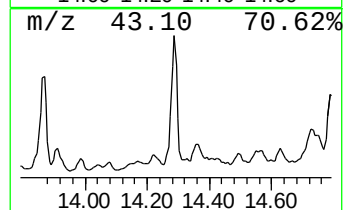
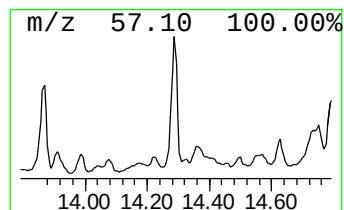
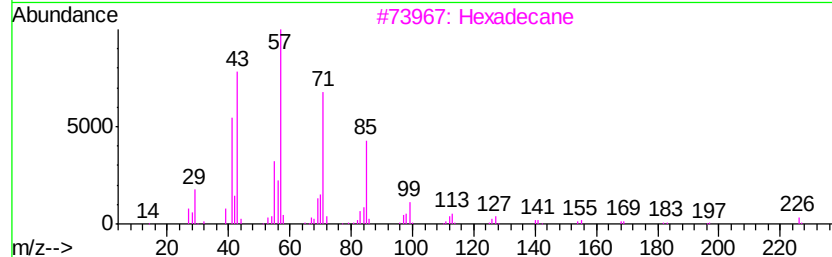
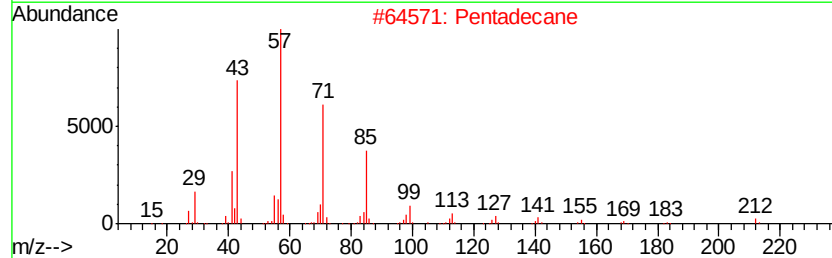
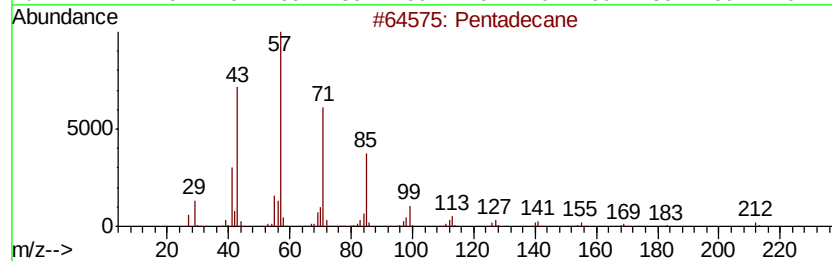
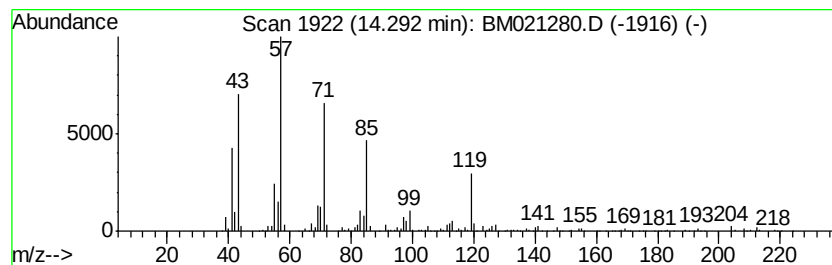
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.23 ng/ul	1583770	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Pentadecane	212	C15H32	000629-62-9	89
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

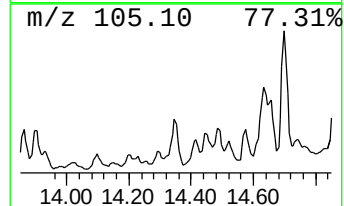
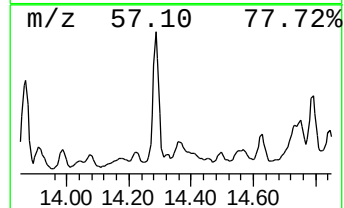
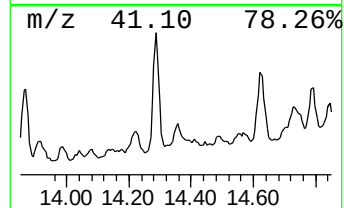
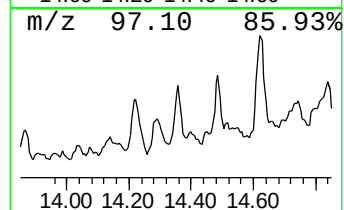
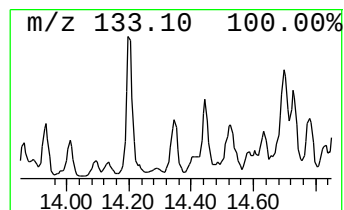
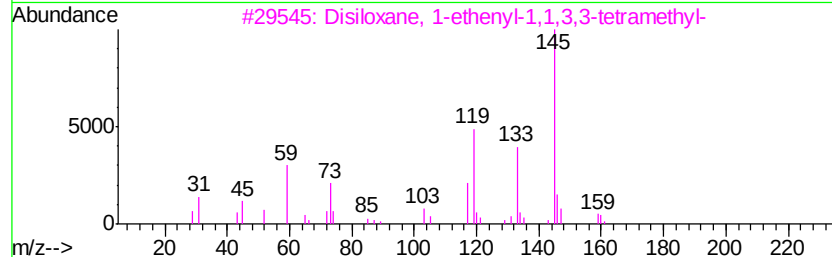
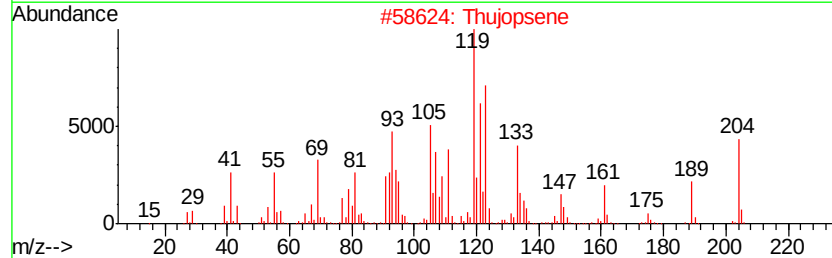
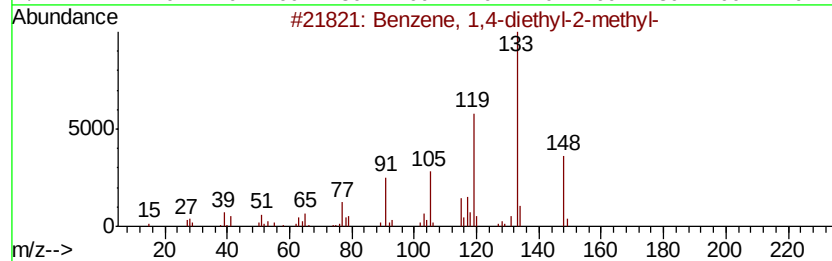
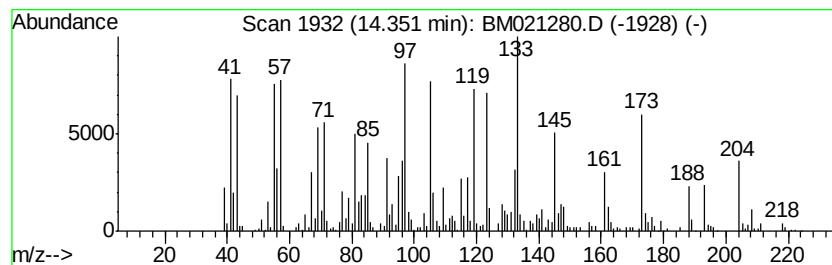
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.15 ng/ul	606036	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-diethyl-2-methyl-	148 C11H16	013632-94-5 25
2		Thujopsene	204 C15H24	000470-40-6 22
3		Disiloxane, 1-ethenyl-1,1,3,3-tetra-	160 C6H16OSi2	055967-52-7 14
4		Furan, 2,3-dihydro-4-(1-methylethyl)-	112 C7H12O	034314-84-6 11
5		12-Oxatetracyclo[4.3.1.1(2,5).1(2,6)]octane	204 C14H20O	105191-67-1 10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

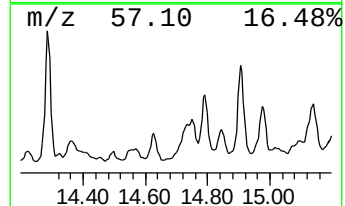
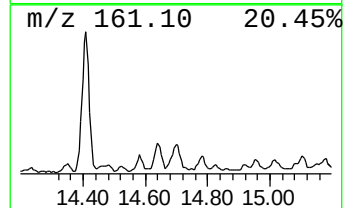
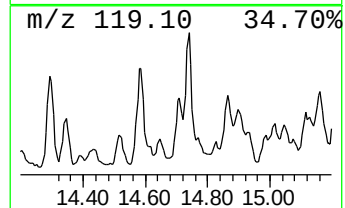
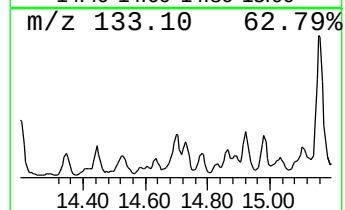
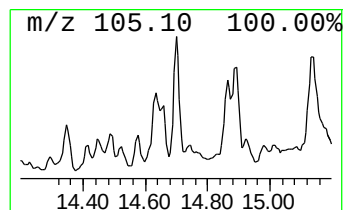
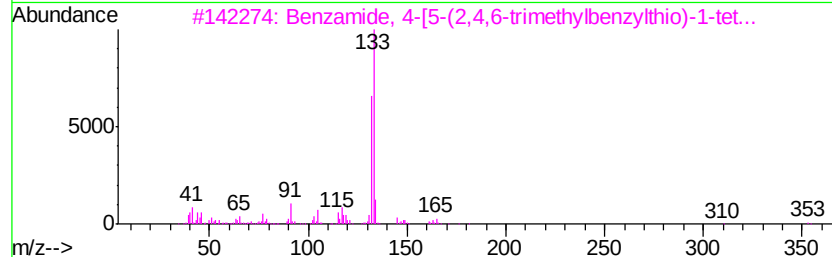
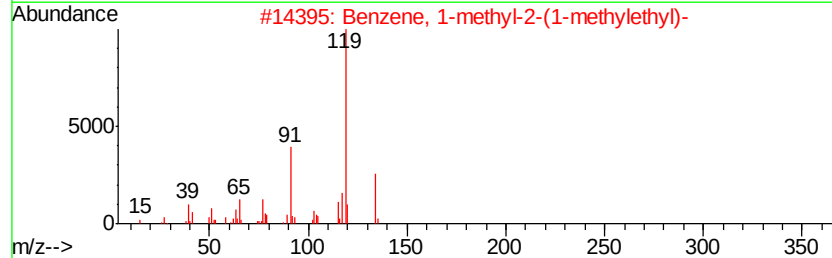
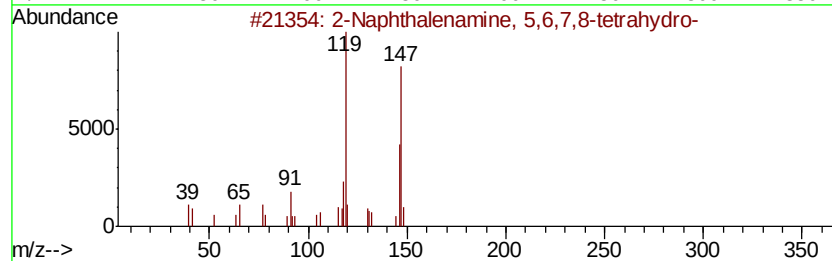
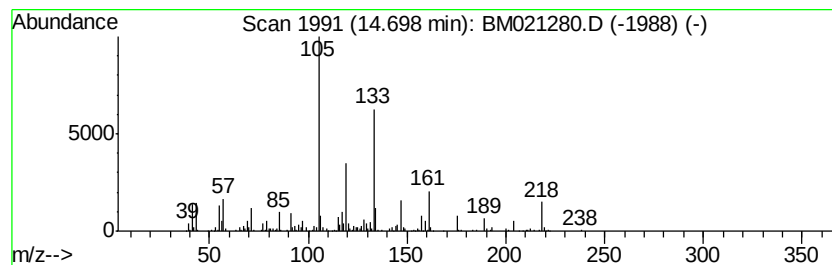
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.37 ng/ul	455652	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Naphthalenamine, 5,6,7,8-tetra...	147 C10H13N	002217-43-8	25
2	Benzene, 1-methyl-2-(1-methyleth...	134 C10H14	000527-84-4	18
3	Benzamide, 4-[5-(2,4,6-trimethyl...	353 C18H19N5OS	309735-33-9	18
4	Benzene, 1-(bromomethyl)-4-(1-me...	212 C10H13Br	073789-86-3	14
5	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

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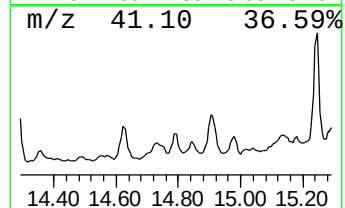
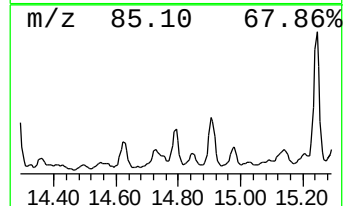
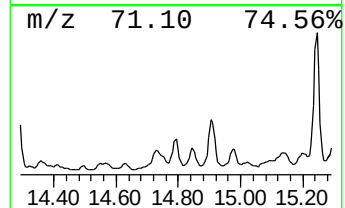
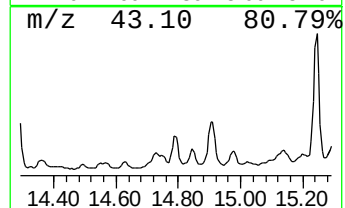
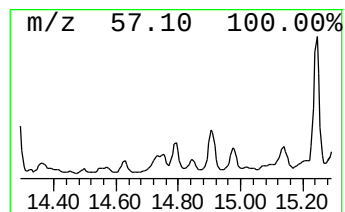
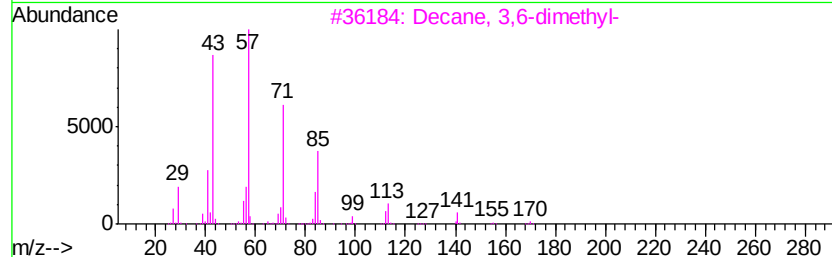
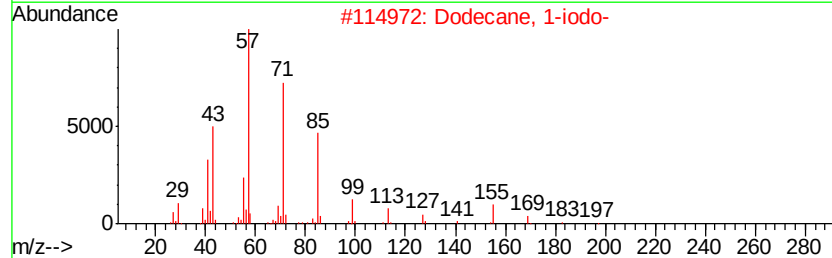
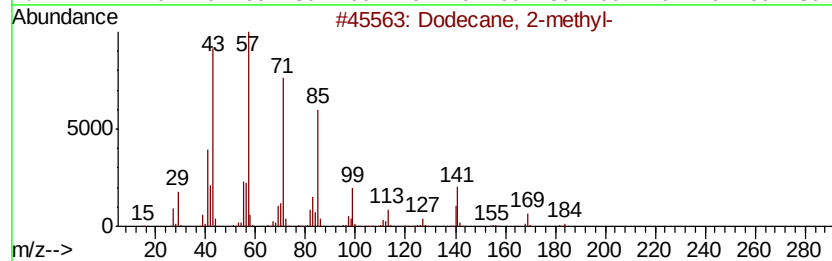
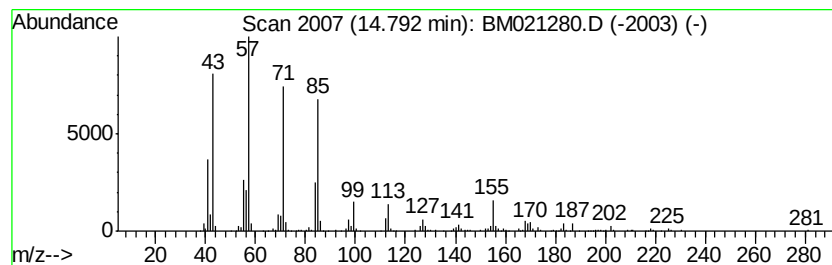
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.33 ng/ul	641771	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	58
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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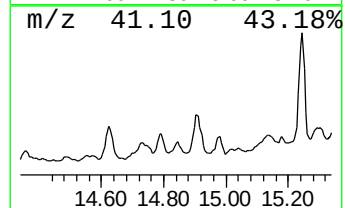
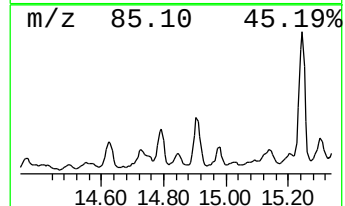
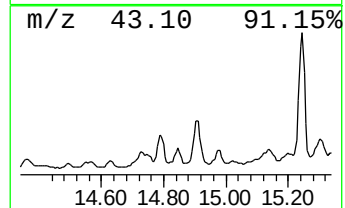
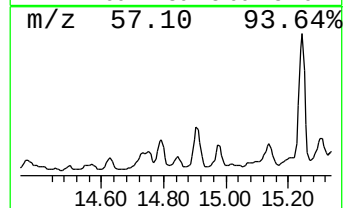
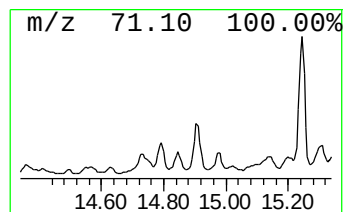
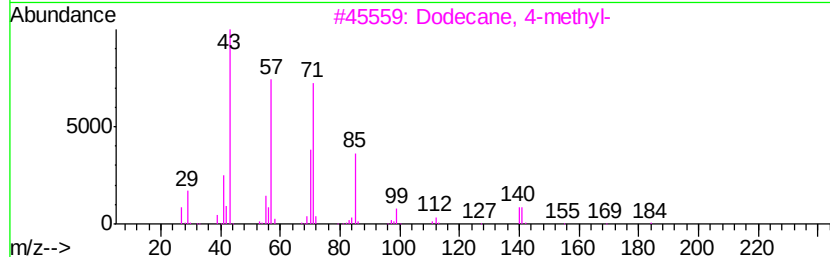
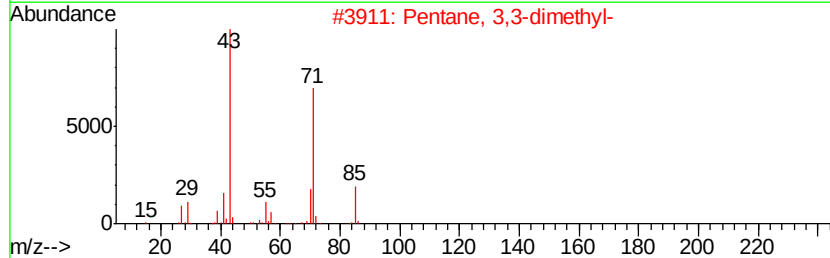
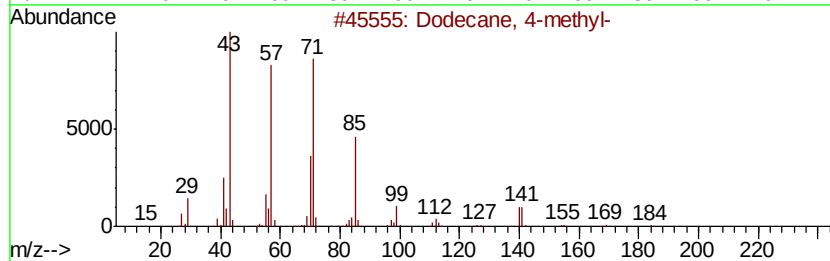
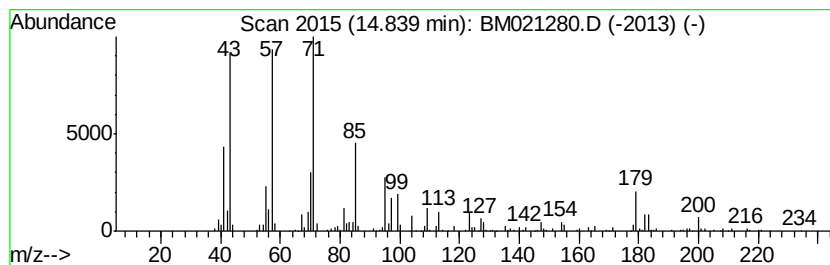
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.31 ng/ul	445296	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	43
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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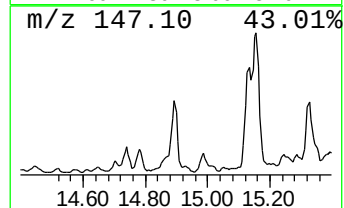
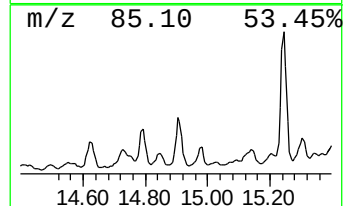
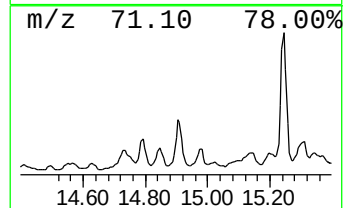
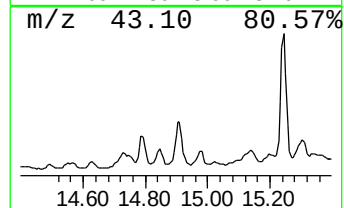
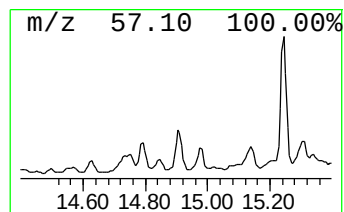
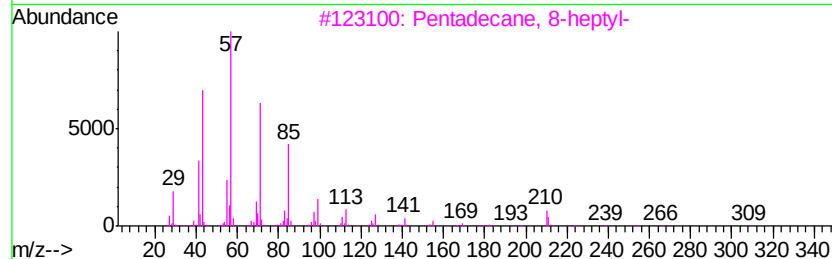
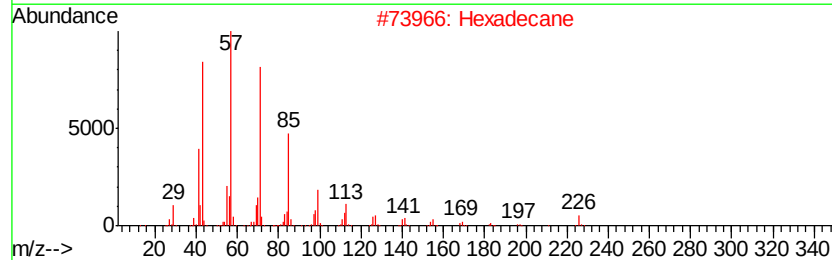
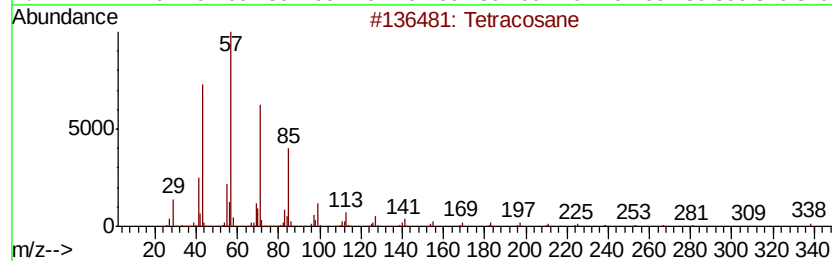
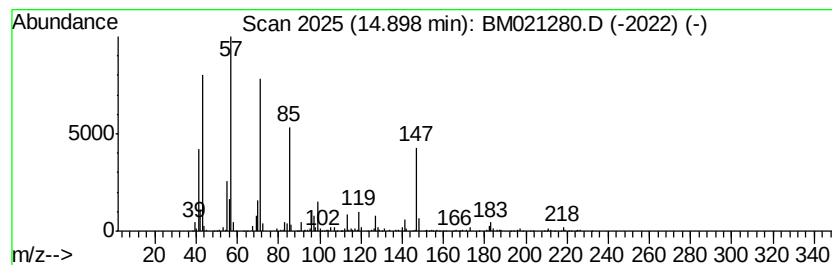
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	7.80 ng/ul	1501530	Acenaphthene-d10	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4			Tridecane	184	C13H28	000629-50-5	87
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



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Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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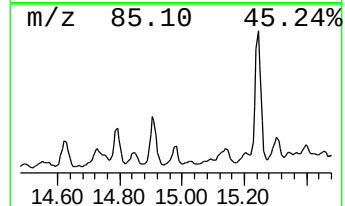
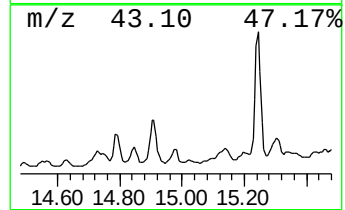
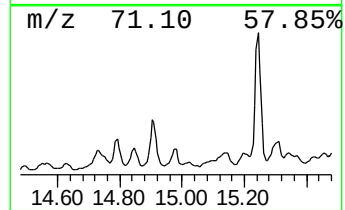
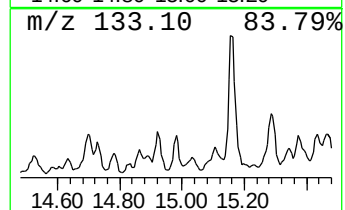
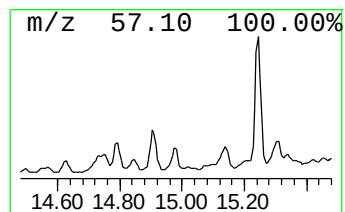
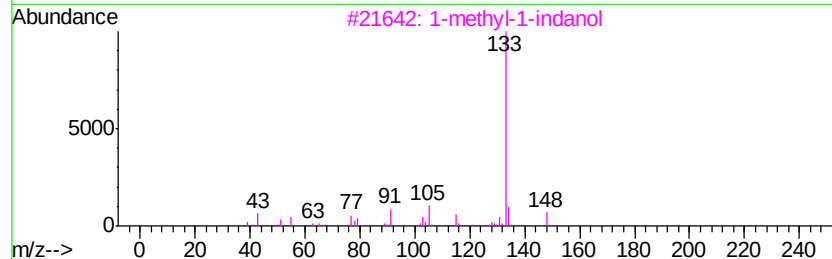
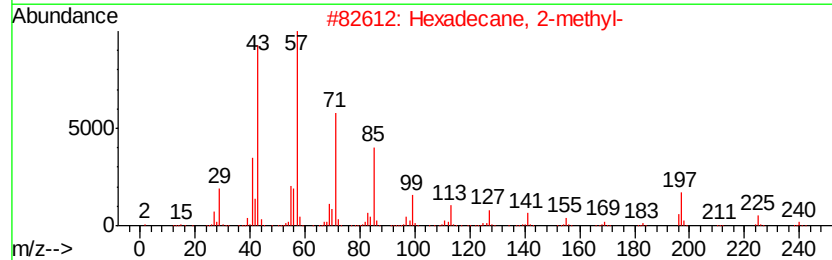
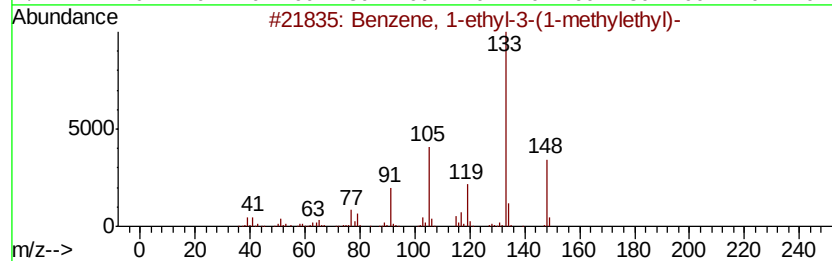
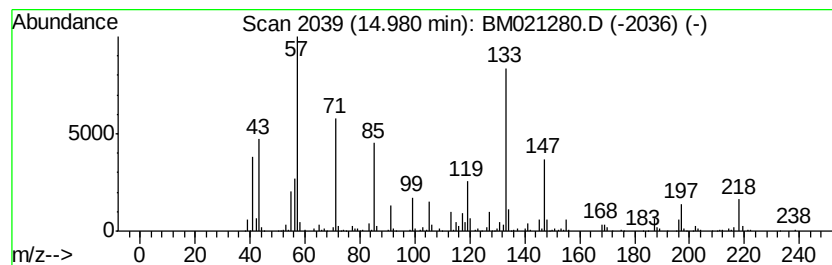
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.06 ng/ul	395523	Acenaphthene-d10	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	27
3			1-methyl-1-indanol	148	C10H12O	064666-42-8	25
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	25
5			Nonacosane	408	C29H60	000630-03-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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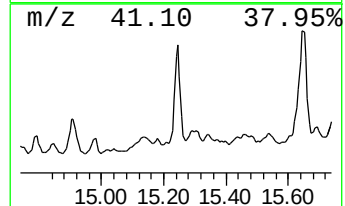
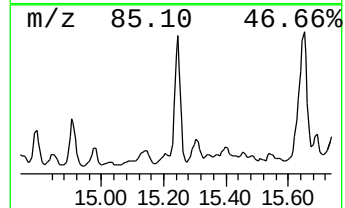
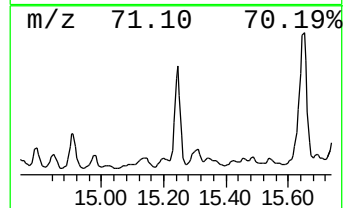
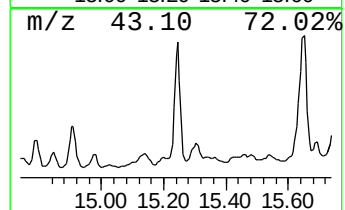
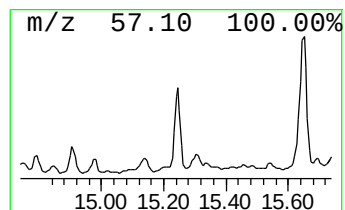
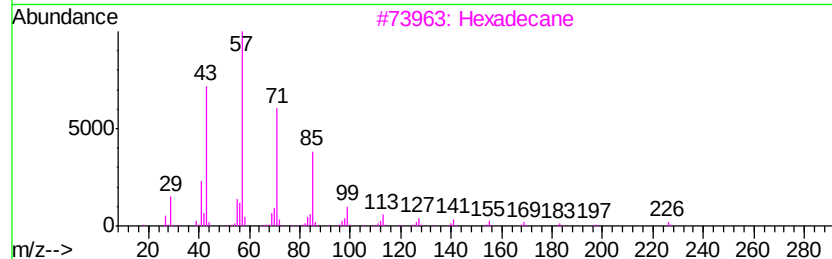
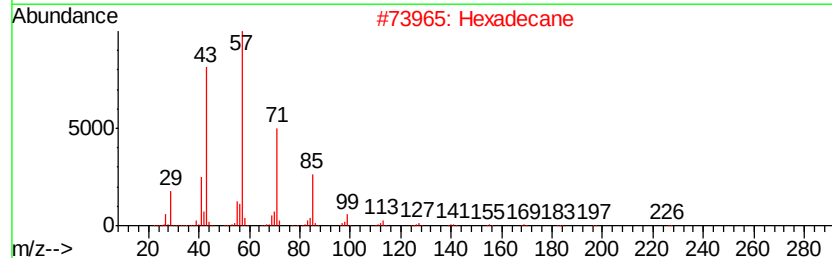
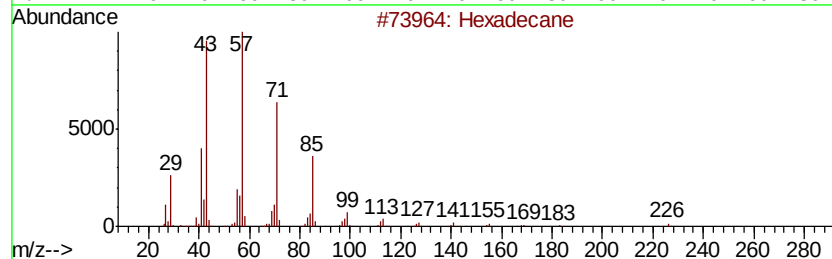
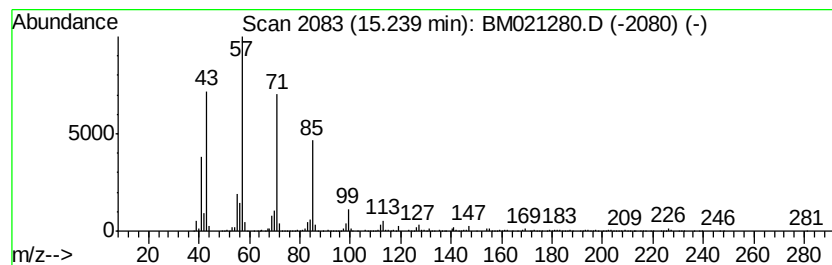
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	15.26 ng/ul	2937750	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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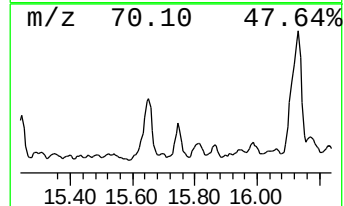
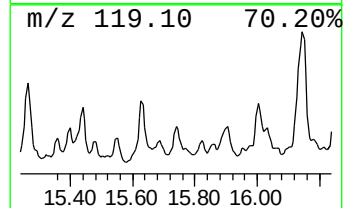
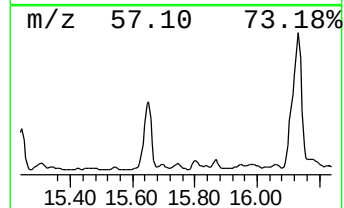
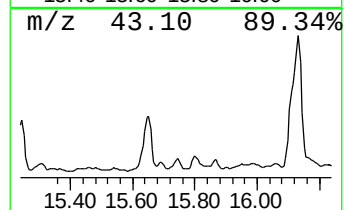
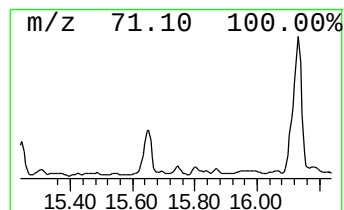
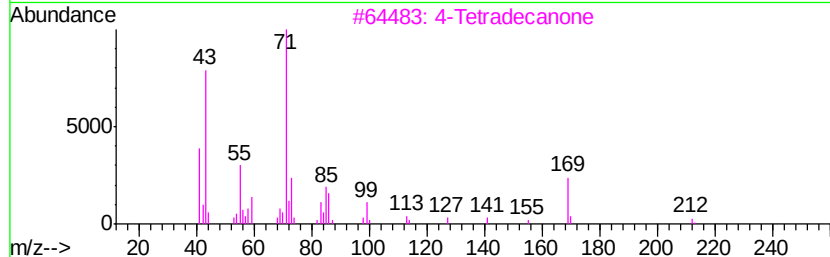
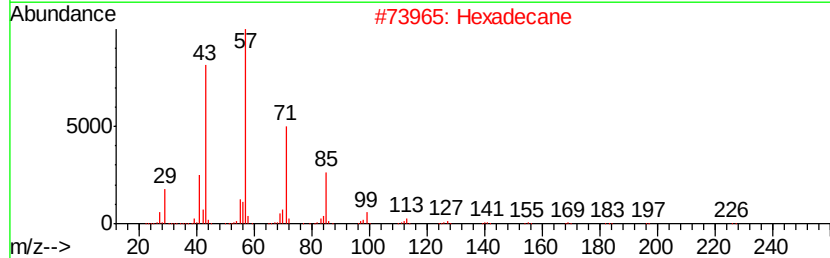
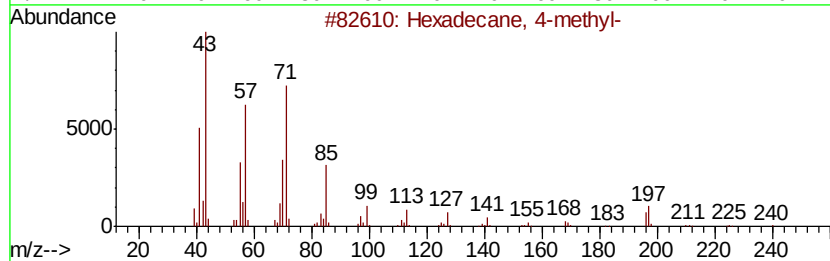
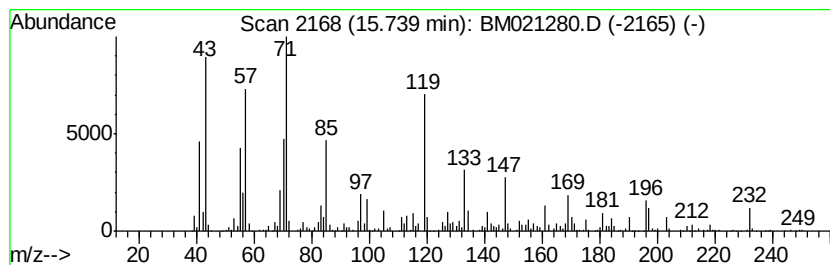
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	6.81 ng/ul	1311090	Acenaphthene-d10	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	46
2			Hexadecane	226	C16H34	000544-76-3	41
3			4-Tetradecanone	212	C14H28O	026496-20-8	30
4			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	25
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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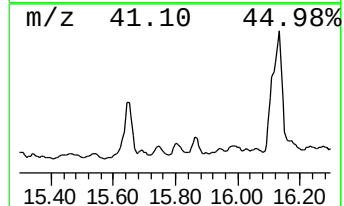
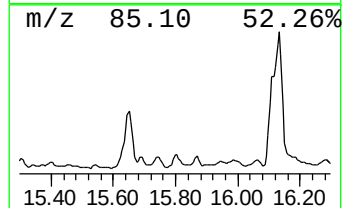
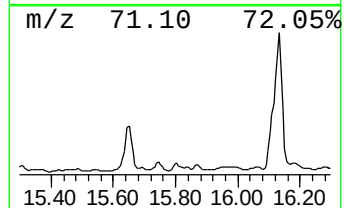
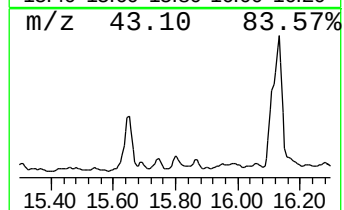
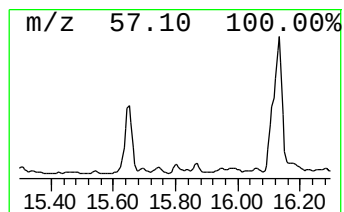
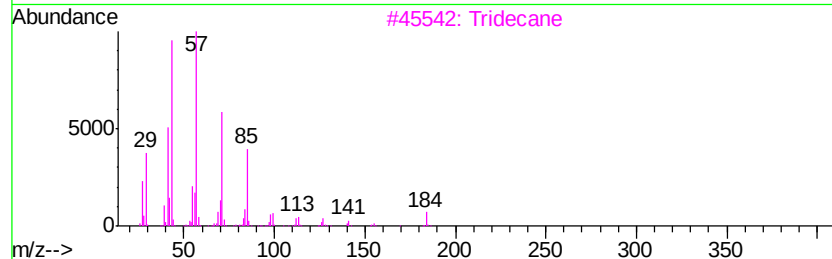
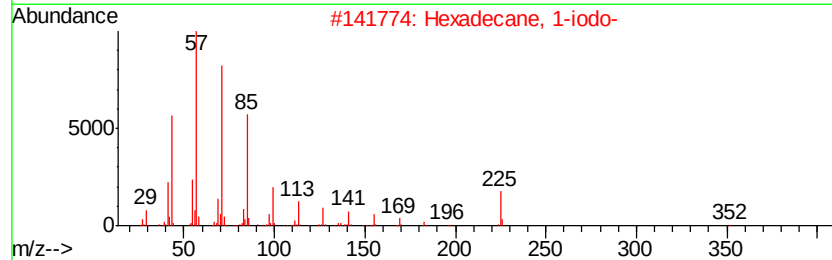
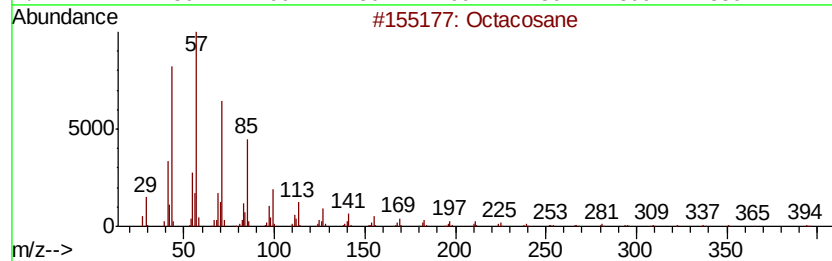
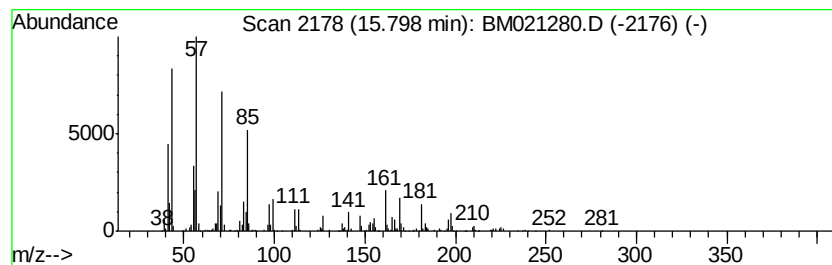
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.04 ng/ul	1019620	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	64
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
3			Tridecane	184	C13H28	000629-50-5	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Tetradecane	198	C14H30	000629-59-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

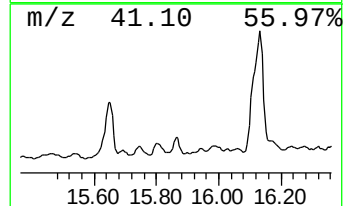
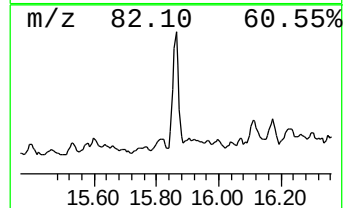
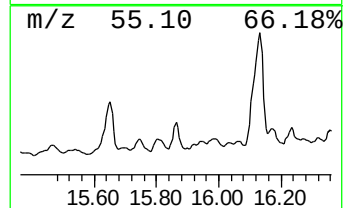
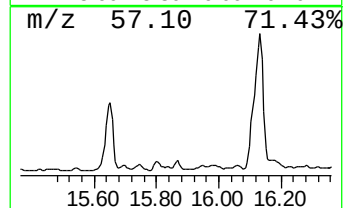
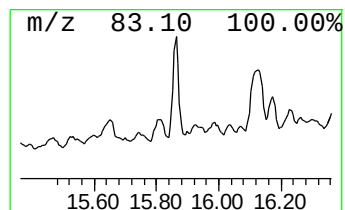
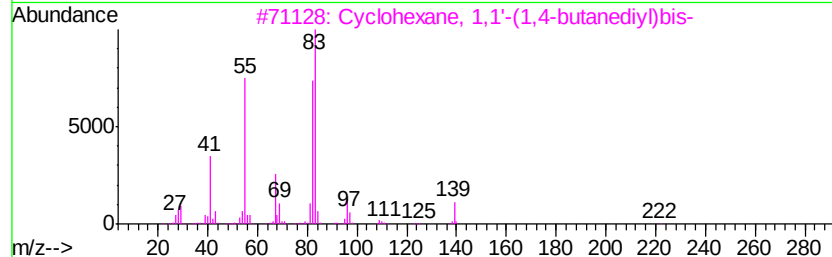
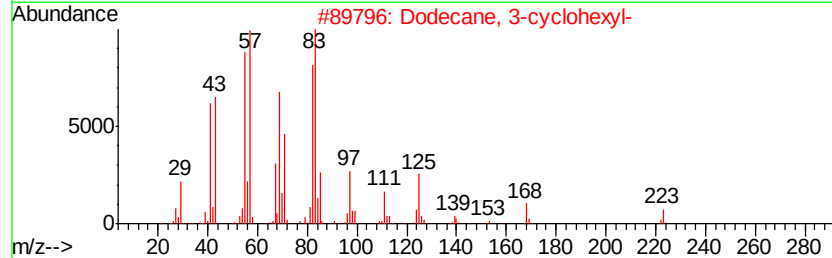
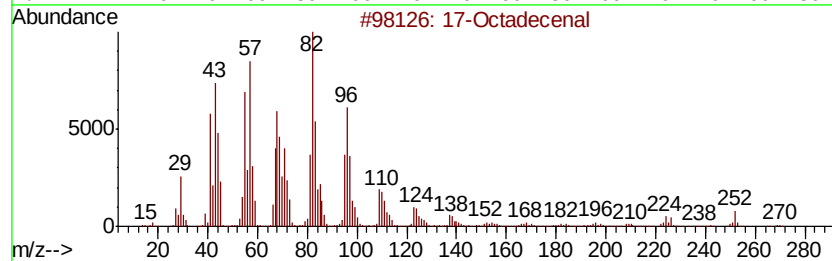
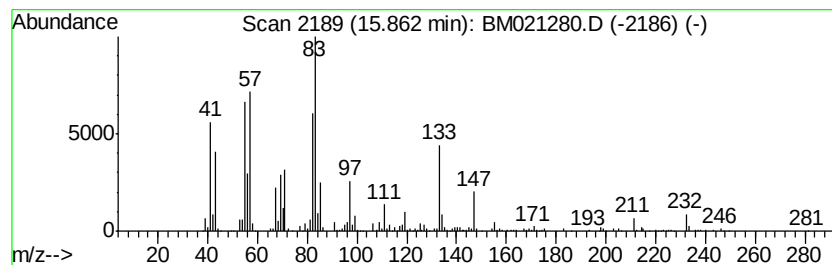
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 17-Octadecenal Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.30 ng/ul	868648	Phenanthrene-d10	17.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Octadecenal		266 C18H34O	056554-86-0 80
2	Dodecane, 3-cyclohexyl-		252 C18H36	013151-83-2 58
3	Cyclohexane, 1,1'-(1,4-butanediyl)-		222 C16H30	006165-44-2 50
4	Cyclohexane, (2-methylpropyl)-		140 C10H20	001678-98-4 43
5	Cyclohexane, pentyl-		154 C11H22	004292-92-6 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
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Instrument :
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ClientSampleId :
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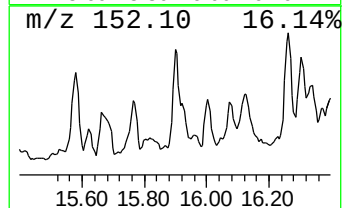
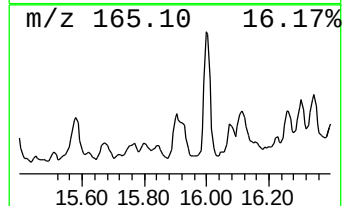
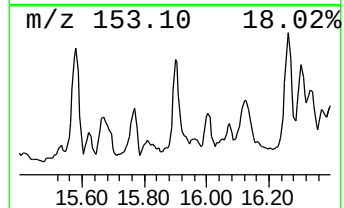
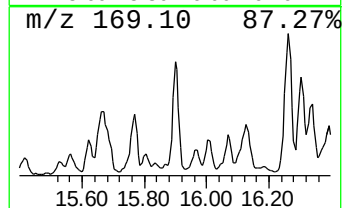
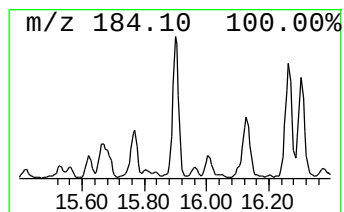
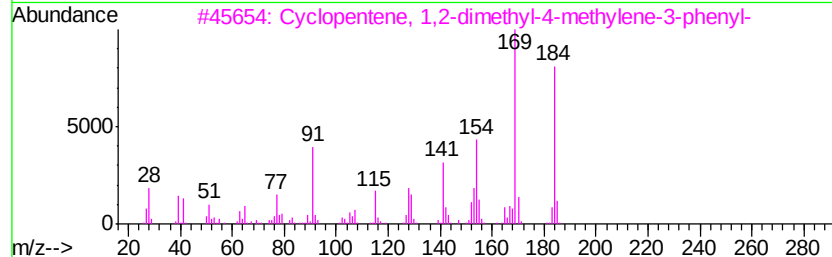
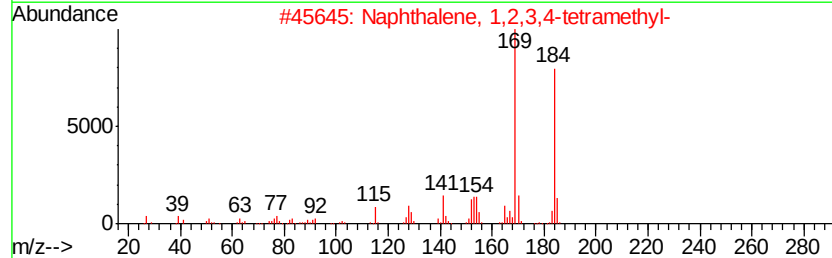
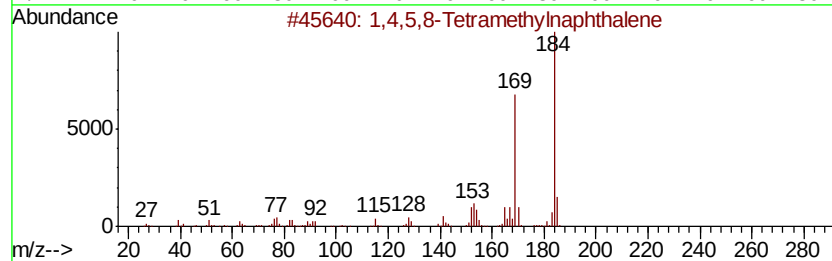
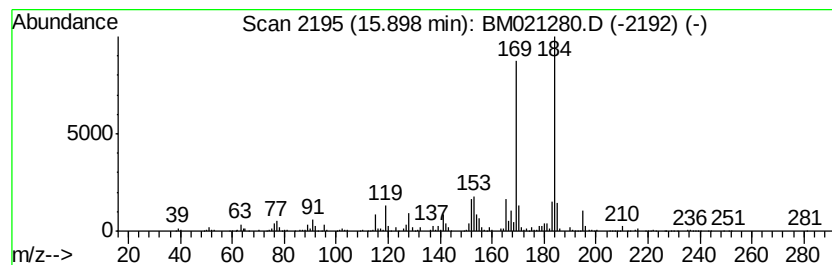
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,4,5,8-Tetramethylnaphthalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.22 ng/ul	1054830	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	95
2		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
3		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	90
4		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	90
5		3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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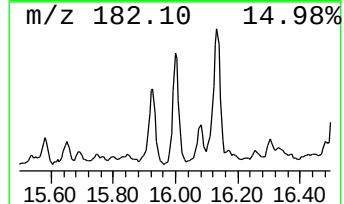
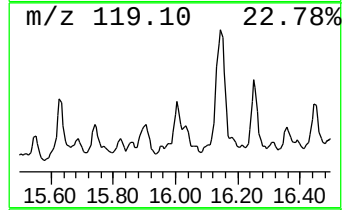
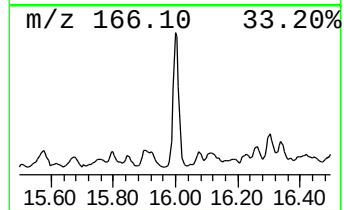
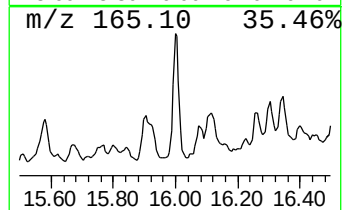
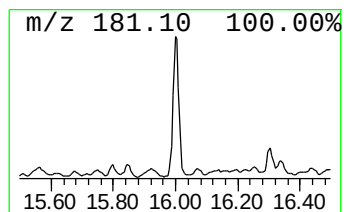
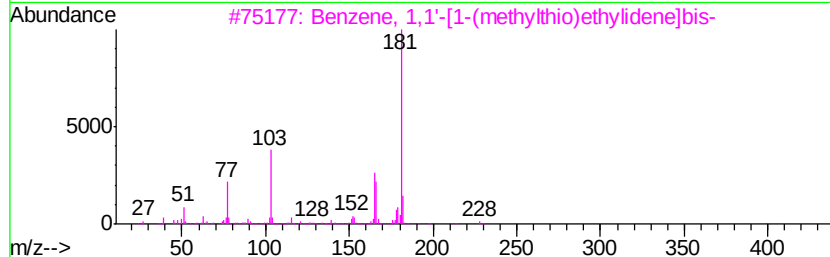
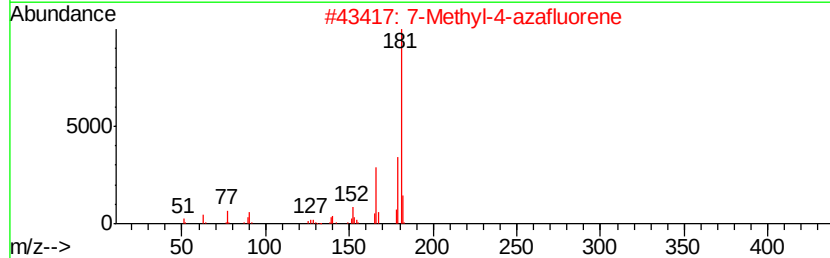
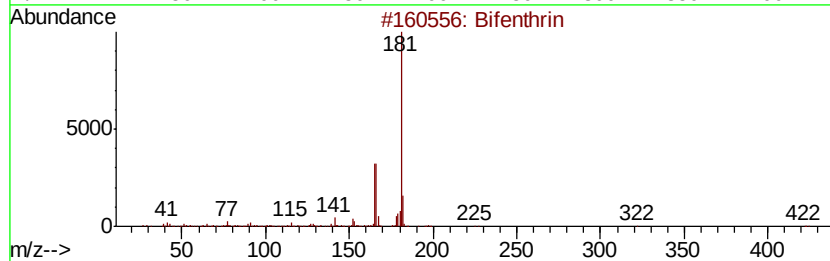
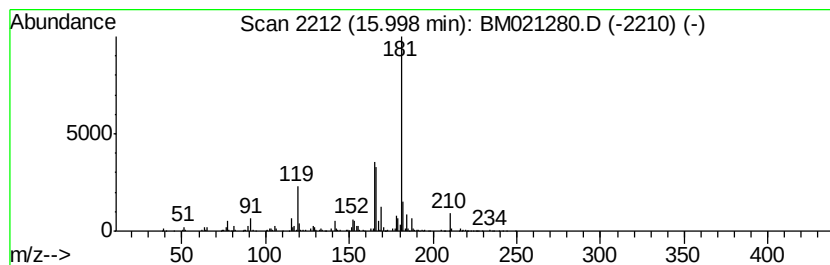
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Bifenthrin Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.05 ng/ul	1020810	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bifenthrin	422	C23H22ClF3O2	082657-04-3	52
2		7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	46
3		Benzene, 1,1'-(1-(methylthio)eth...	228	C15H16S	054851-63-7	43
4		Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	43
5		Methylcarbazole	181	C13H11N	027323-29-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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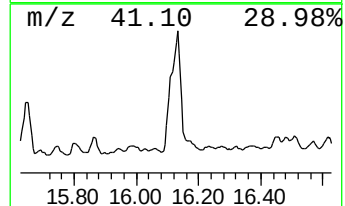
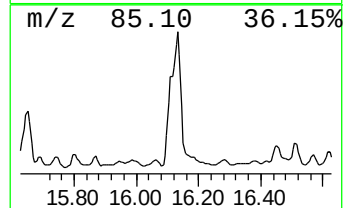
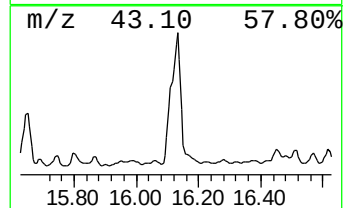
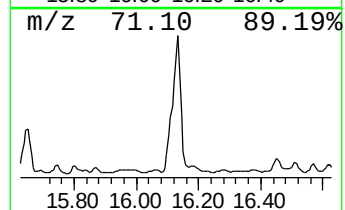
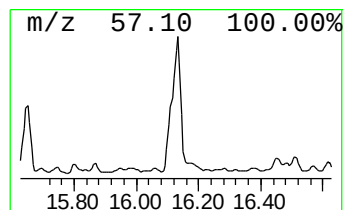
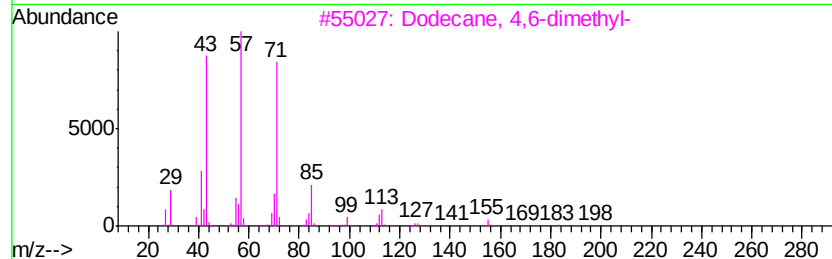
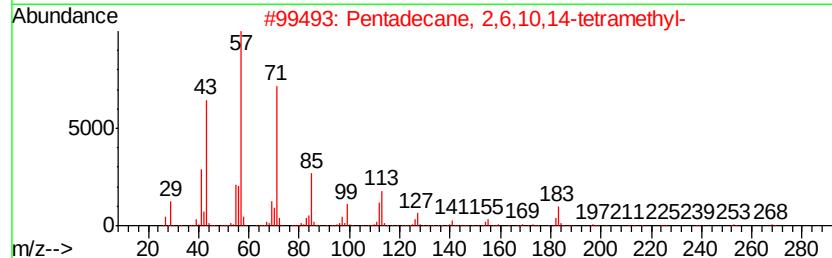
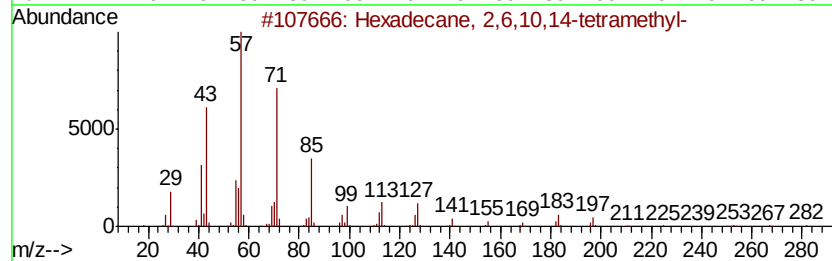
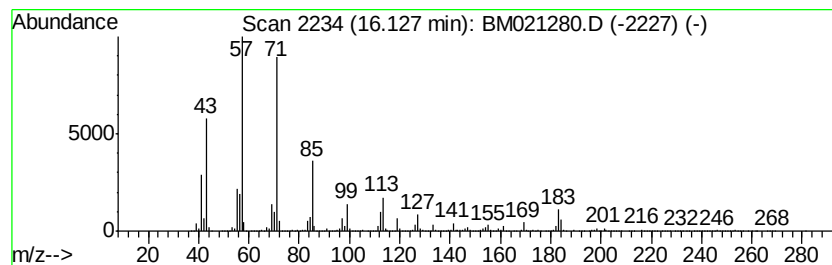
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	87.79 ng/ul	17747700	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
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Instrument :
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ClientSampleId :
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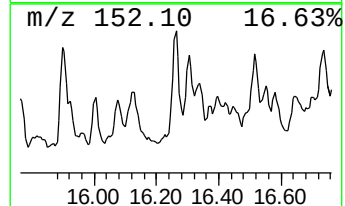
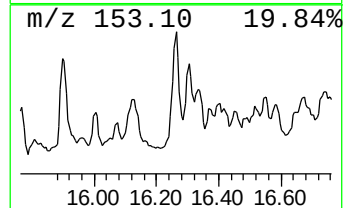
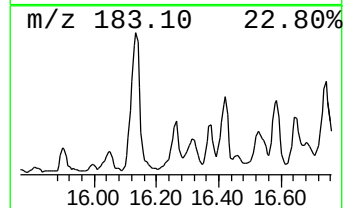
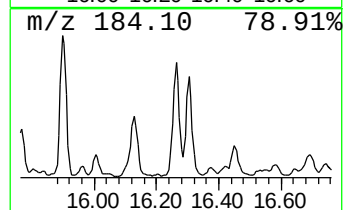
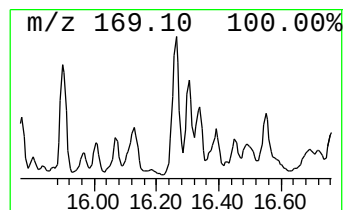
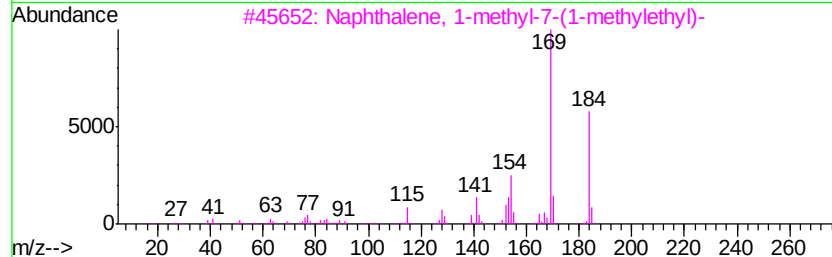
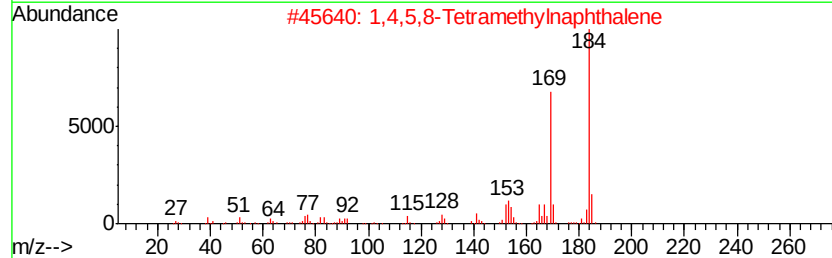
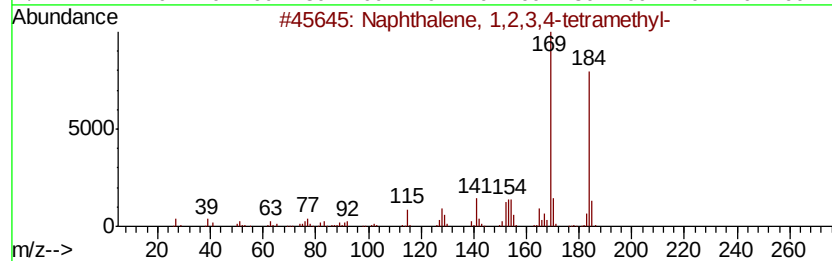
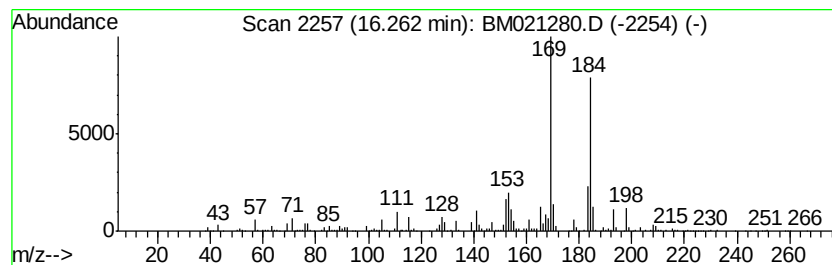
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,2,3,4-tetram... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	4.24 ng/ul	857420	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	96
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
3		Naphthalene, 1-methyl-7-(1-methv...	184	C14H16	000490-65-3	89
4		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	89
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

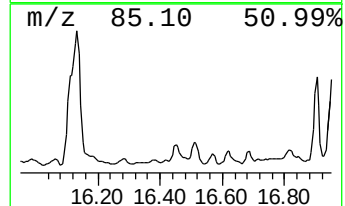
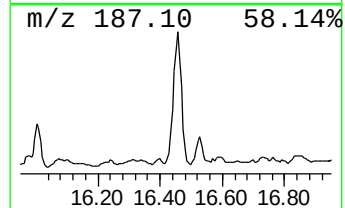
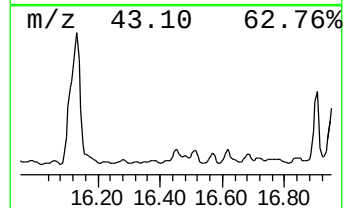
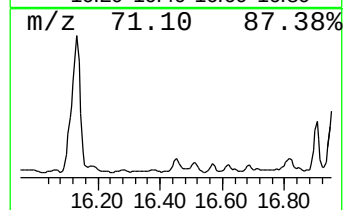
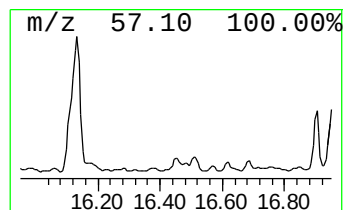
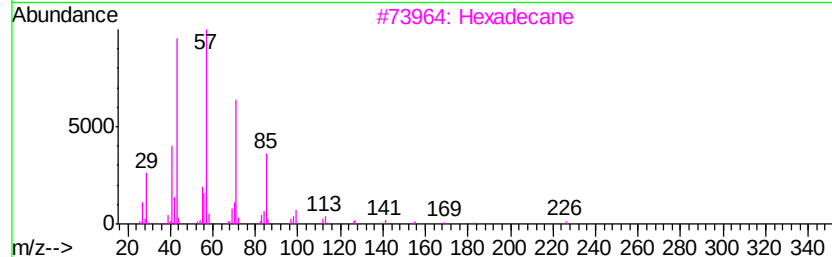
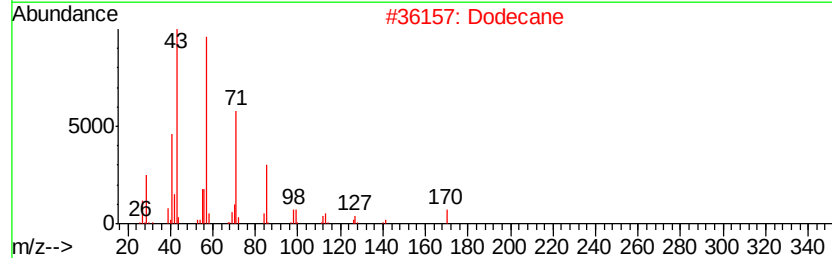
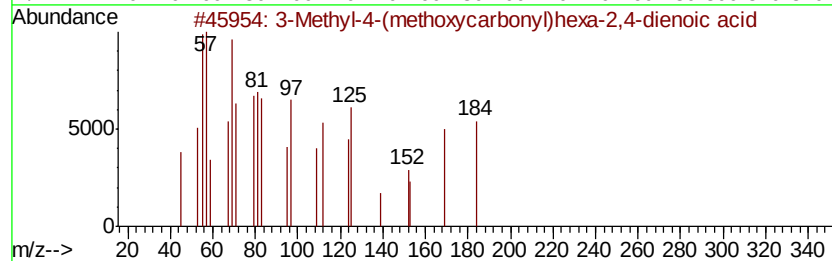
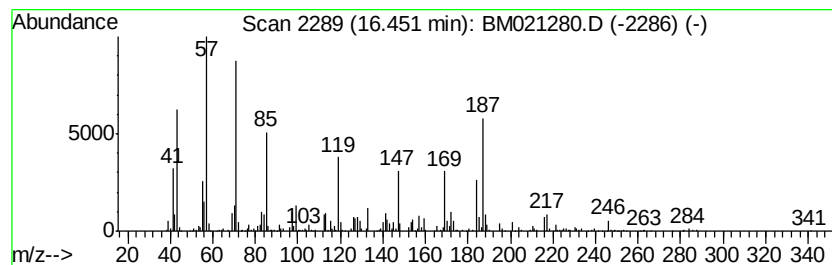
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 3-Methyl-4-(methoxycarbonyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	6.93 ng/ul	1400250	Phenanthrene-d10	17.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	78
2	Dodecane	170 C12H26	000112-40-3	52
3	Hexadecane	226 C16H34	000544-76-3	46
4	Tetradecane, 4-methyl-	212 C15H32	025117-24-2	42
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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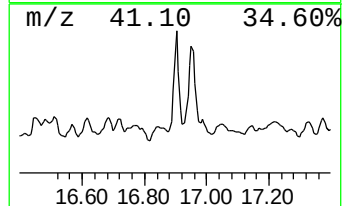
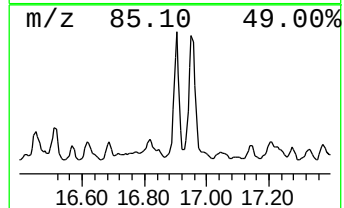
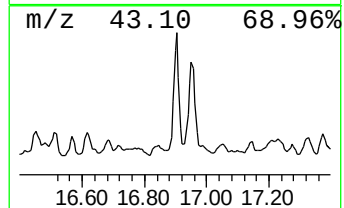
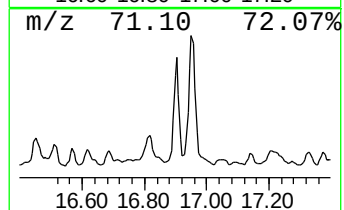
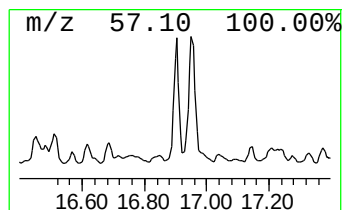
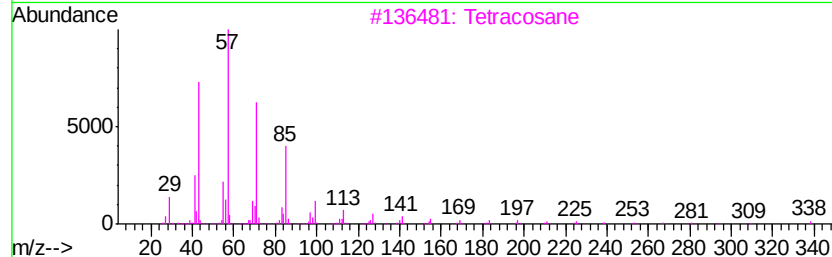
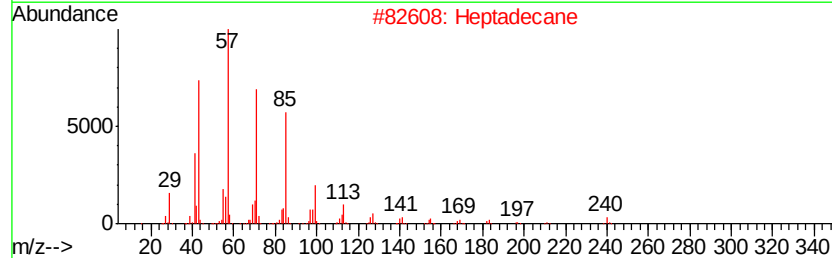
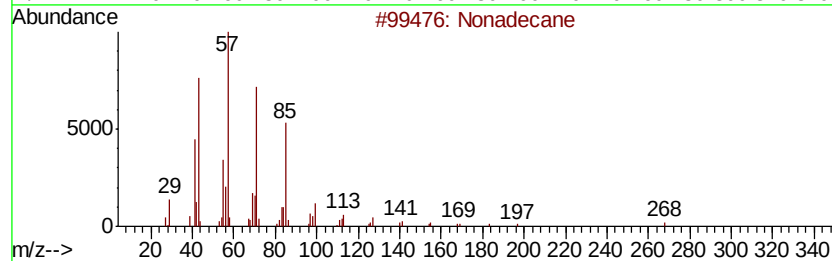
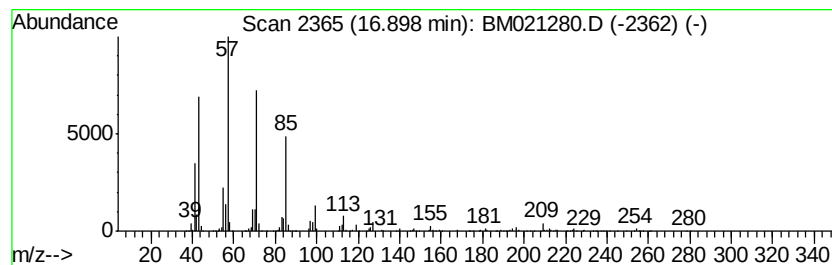
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	16.23 ng/ul	3281840	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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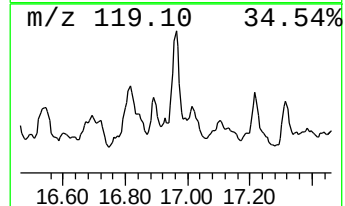
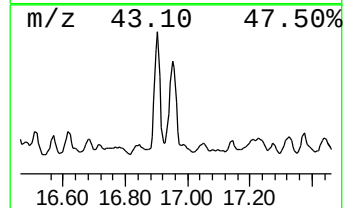
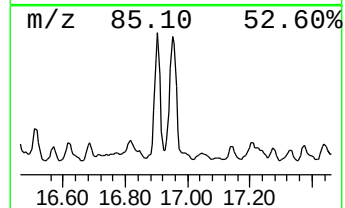
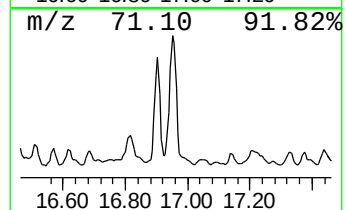
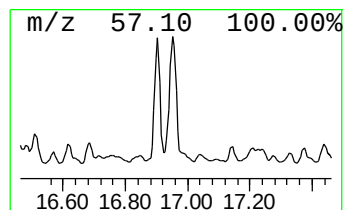
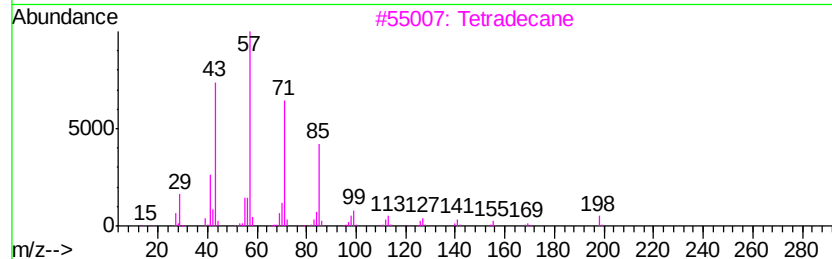
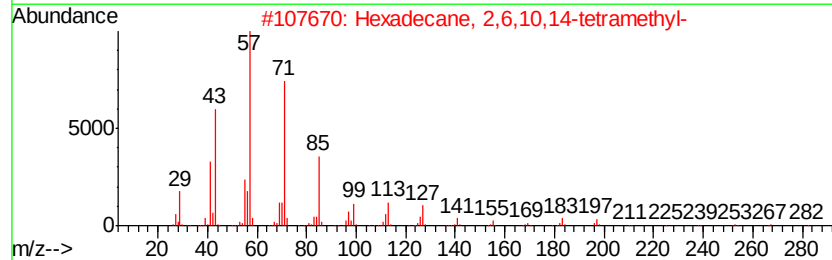
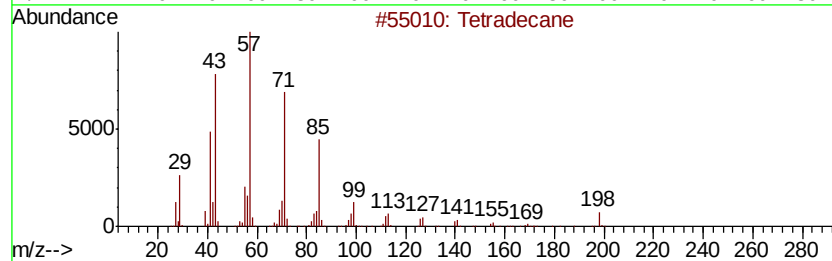
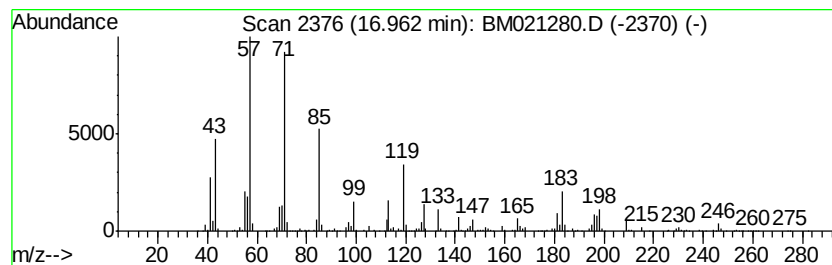
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	23.30 ng/ul	4710140	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		Tetradecane	198	C14H30	000629-59-4	81
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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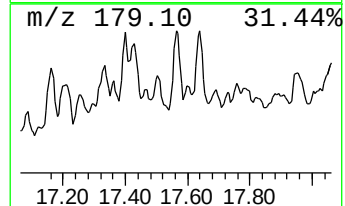
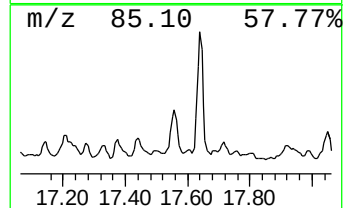
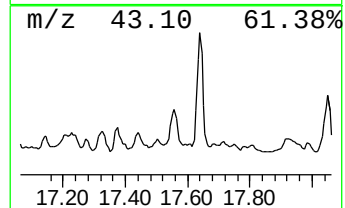
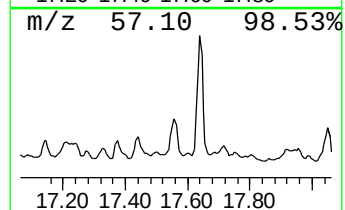
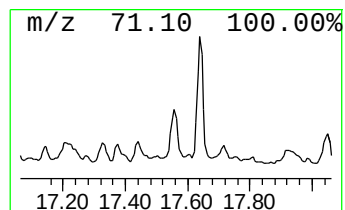
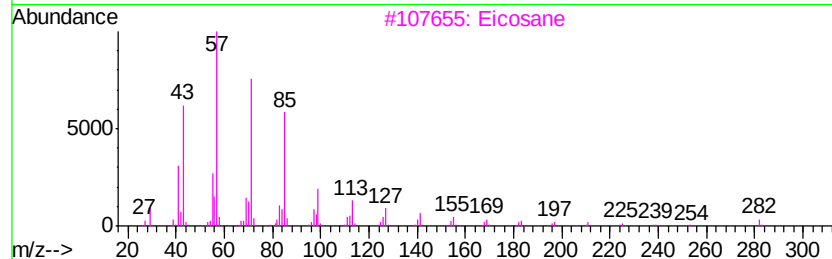
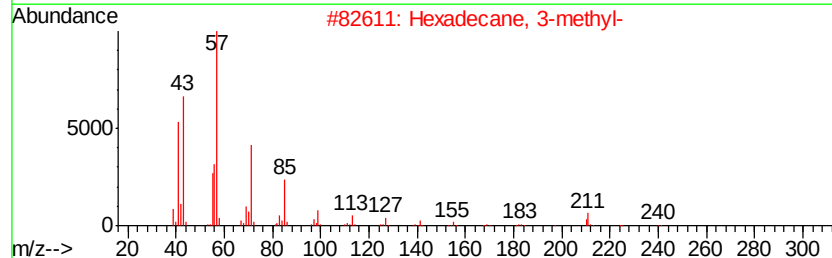
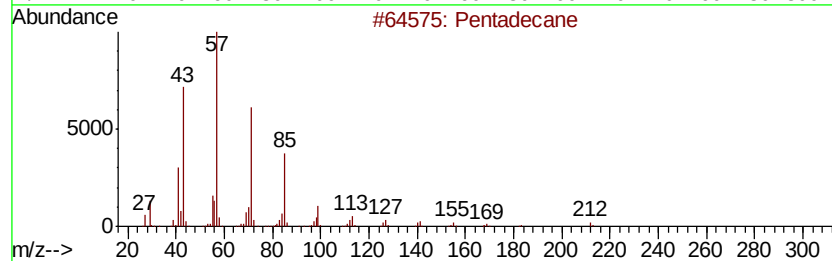
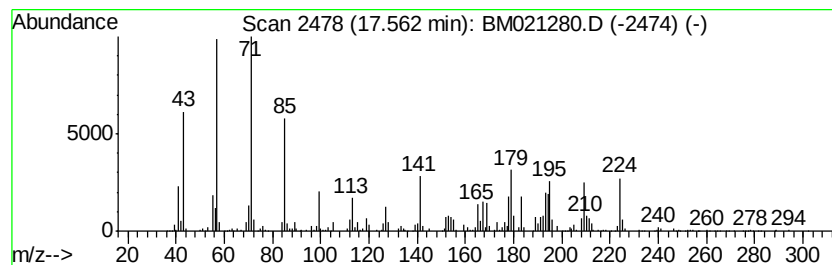
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	8.06 ng/ul	1628700	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	64
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
3			Eicosane	282	C20H42	000112-95-8	64
4			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	60
5			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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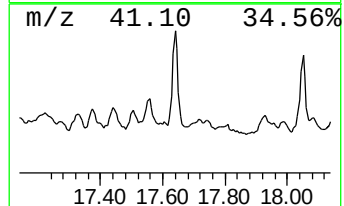
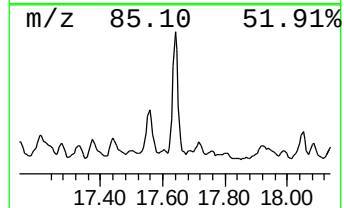
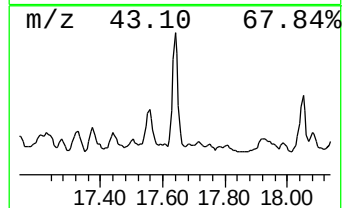
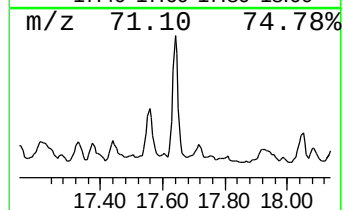
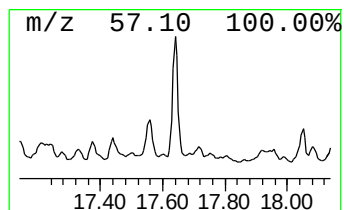
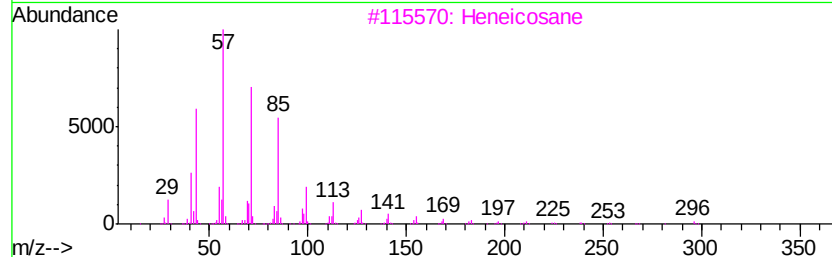
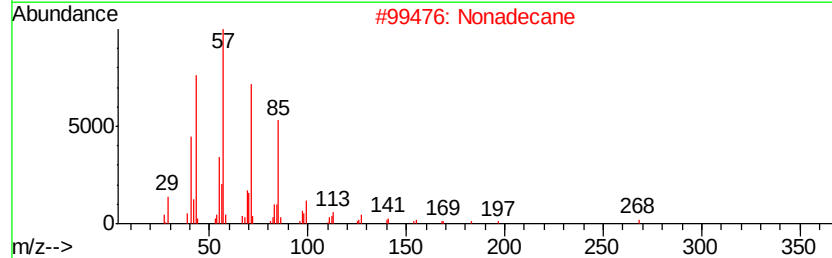
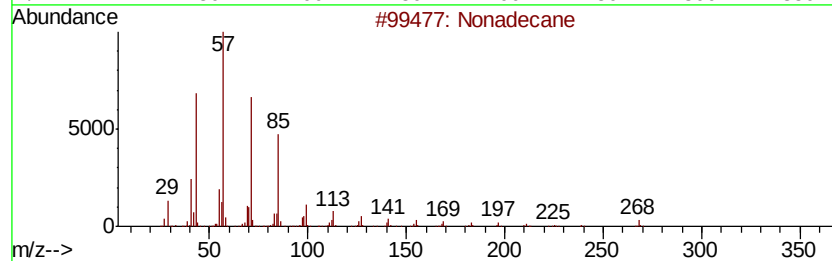
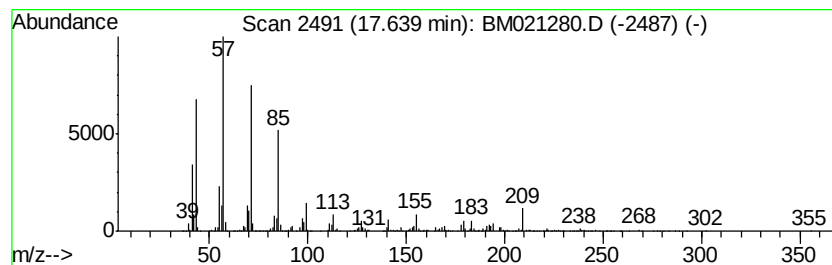
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	21.13 ng/ul	4271780	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BA3

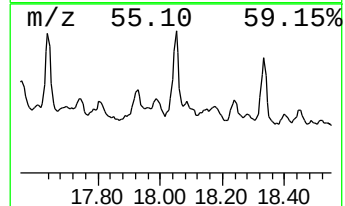
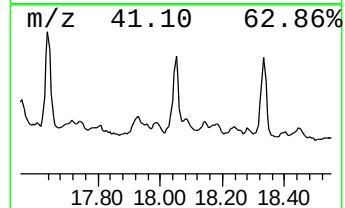
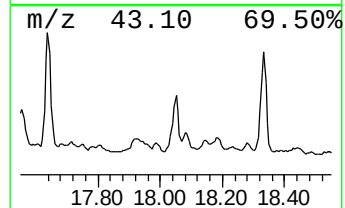
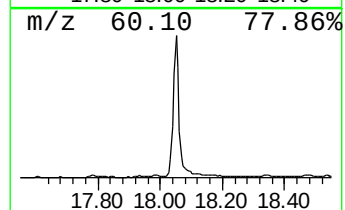
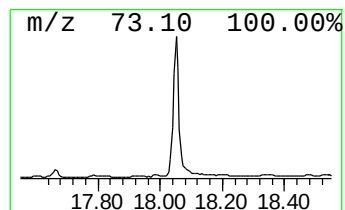
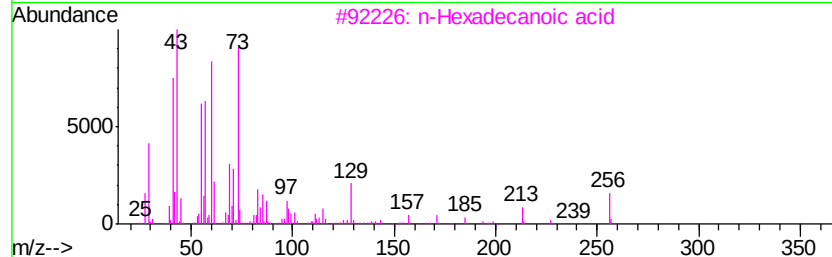
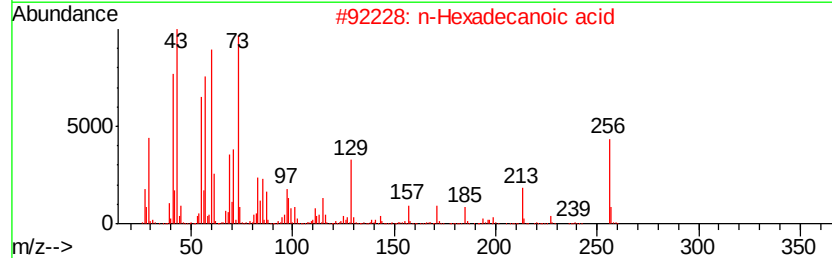
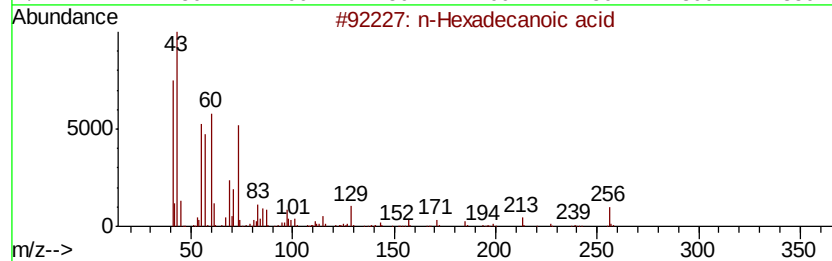
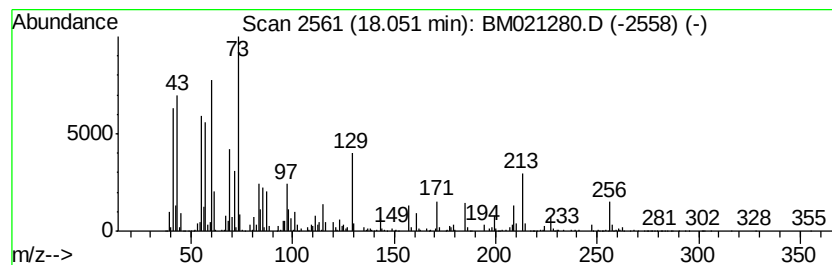
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	10.27 ng/ul	2076580	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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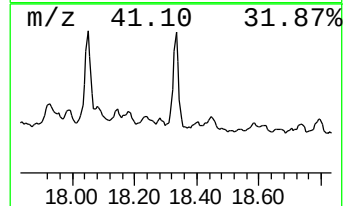
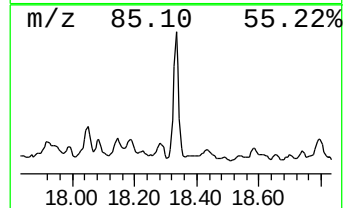
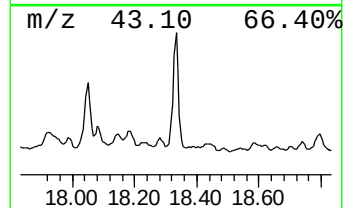
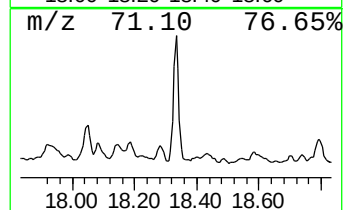
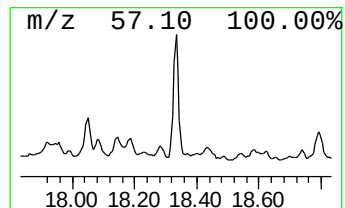
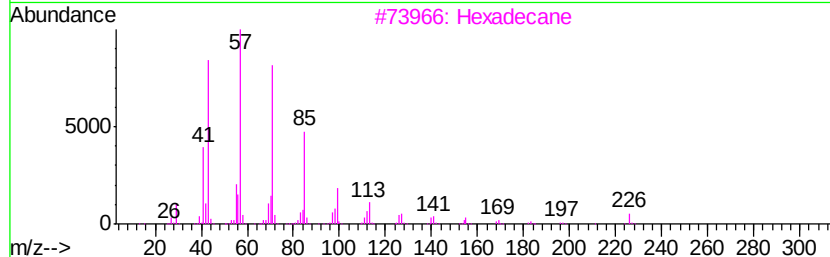
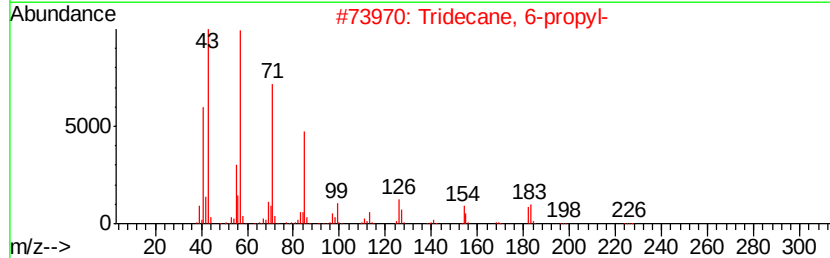
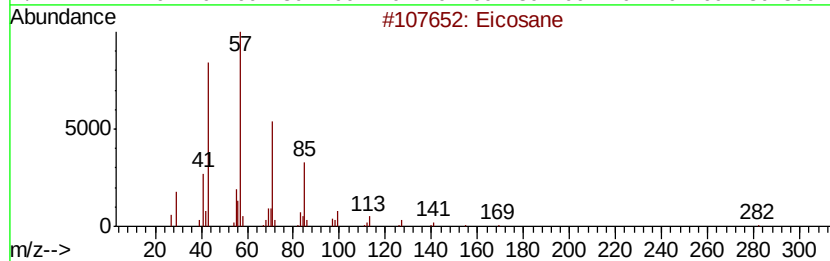
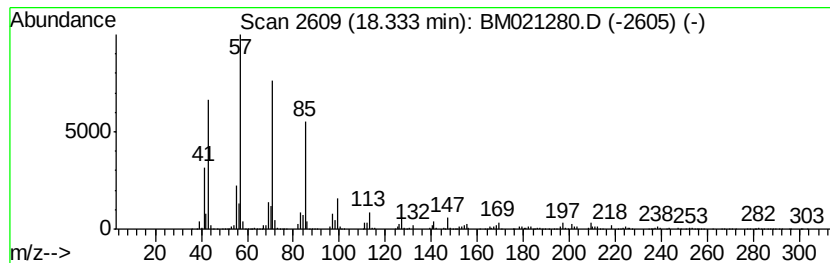
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	17.67 ng/ul	3572570	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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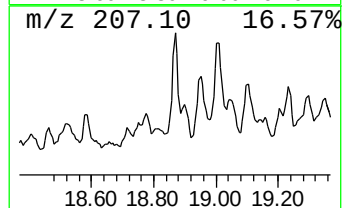
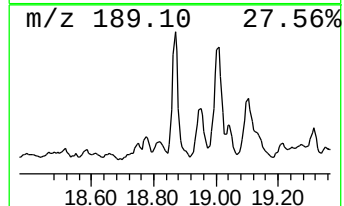
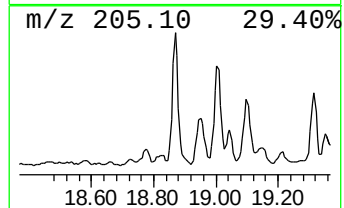
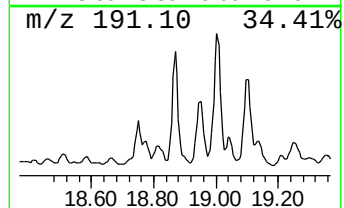
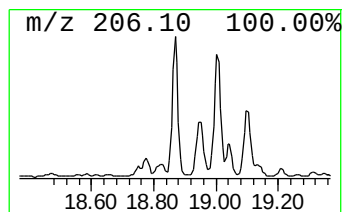
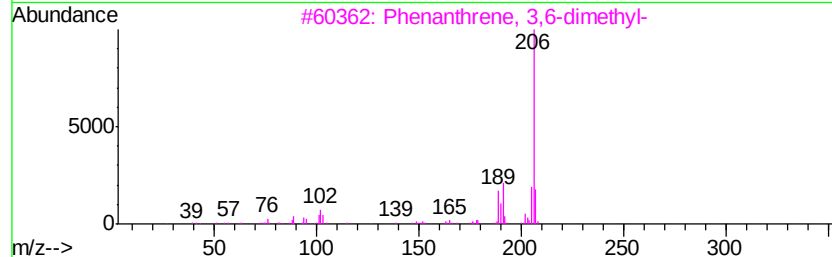
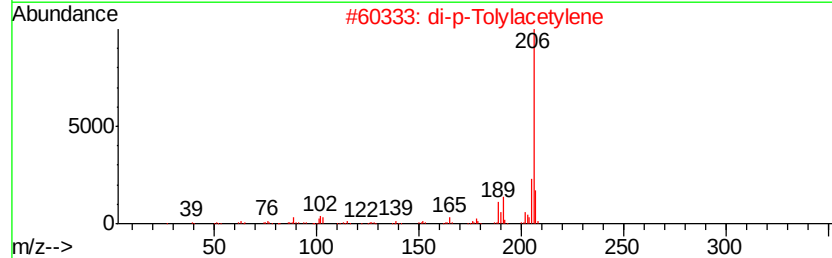
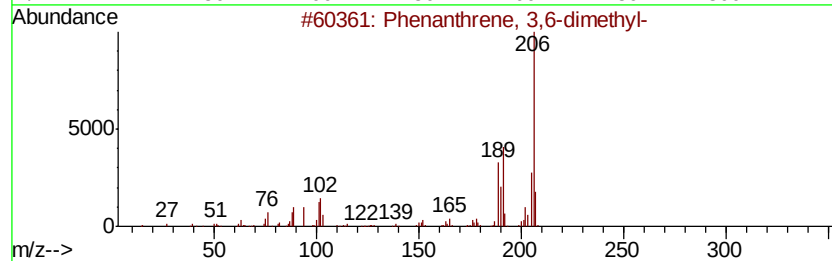
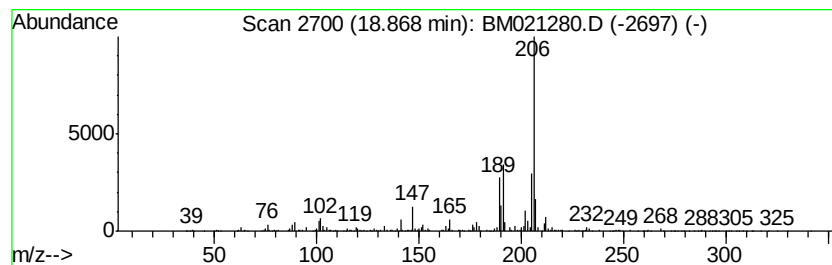
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	13.13 ng/ul	2654540	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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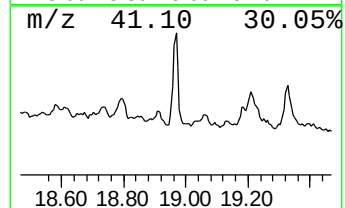
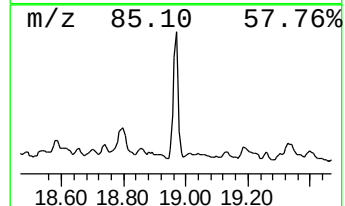
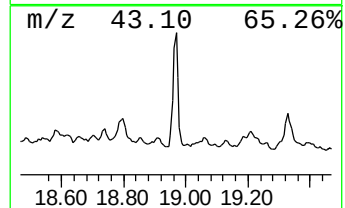
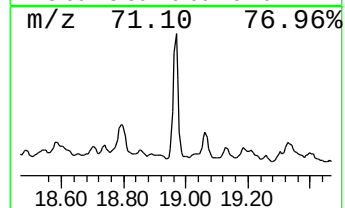
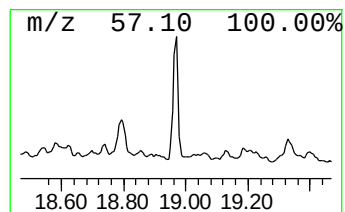
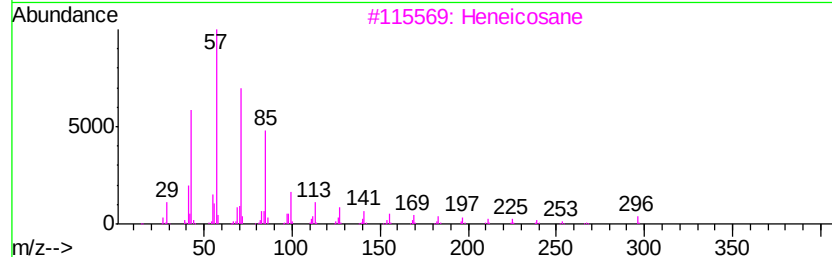
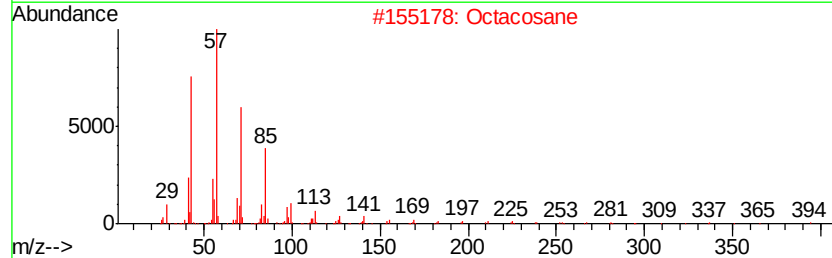
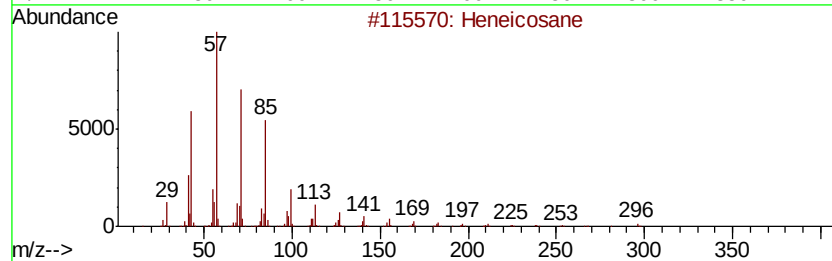
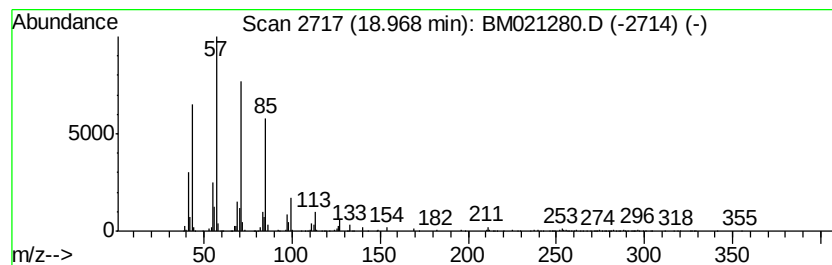
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	8.15 ng/ul	1648190	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Docosane	310	C22H46	000629-97-0	90
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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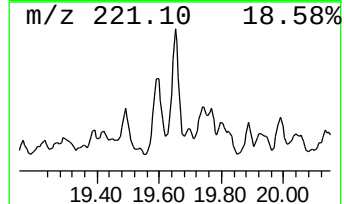
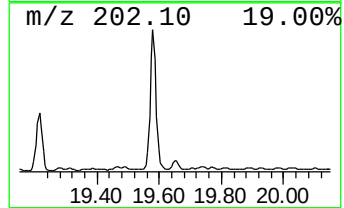
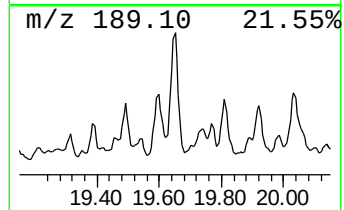
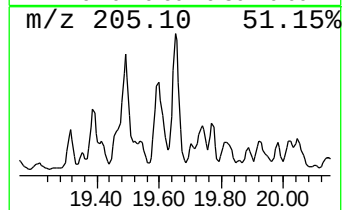
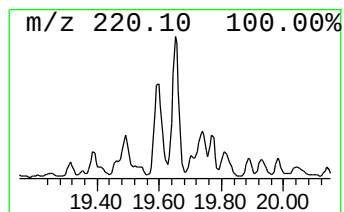
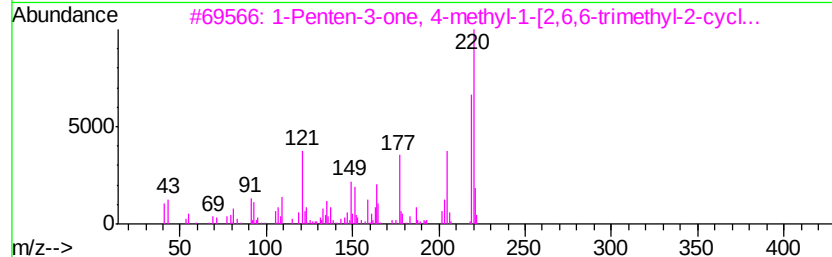
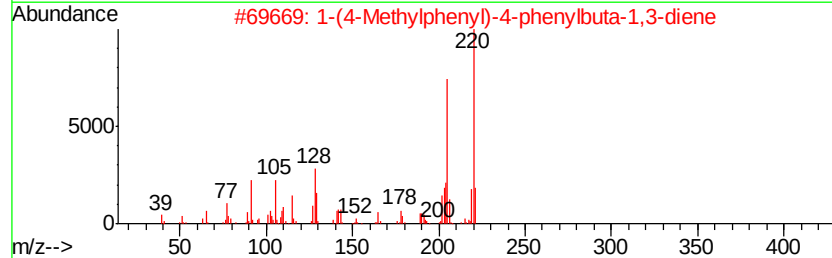
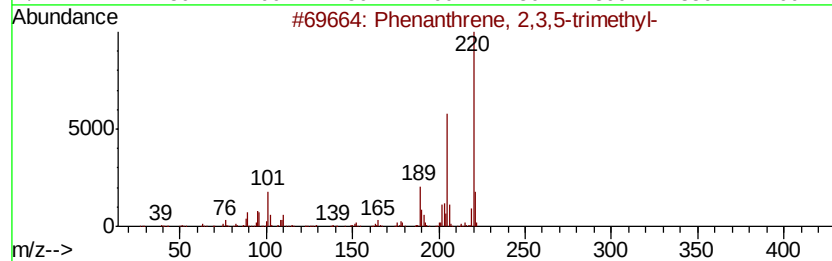
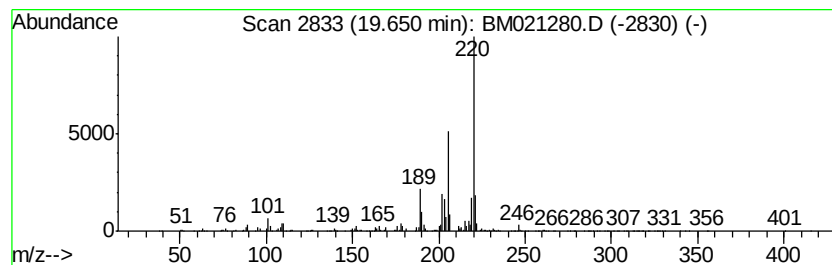
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	15.76 ng/ul	2859200	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3		1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	64
4		5-Acetyl-2-ethylsulfanyl-6-methyl...	220	C11H12N2OS	303146-26-1	64
5		5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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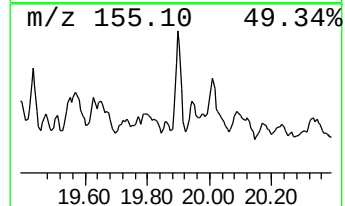
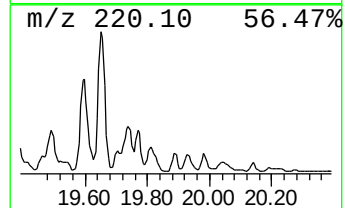
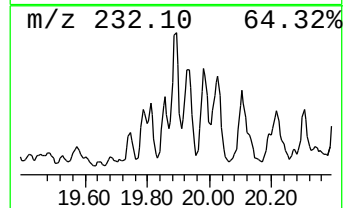
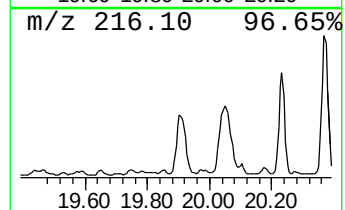
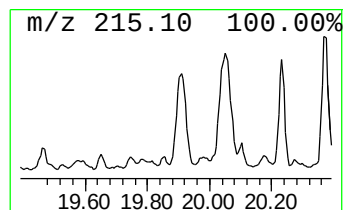
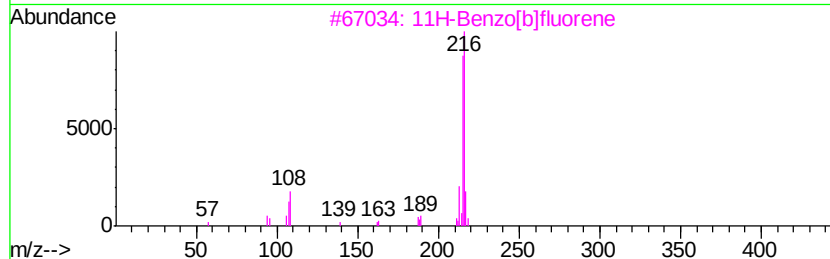
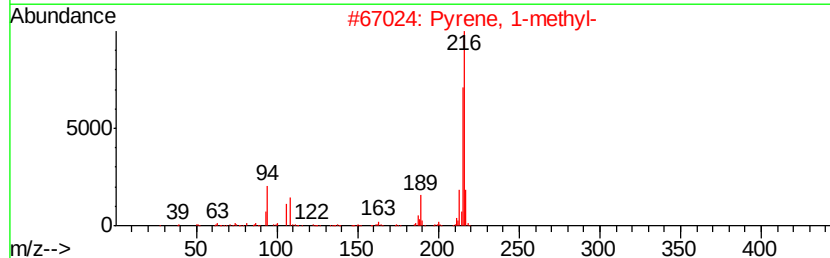
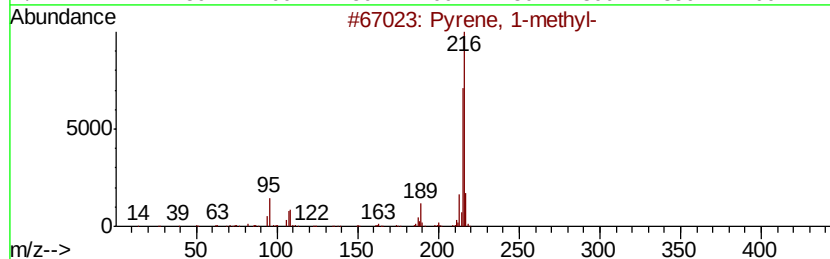
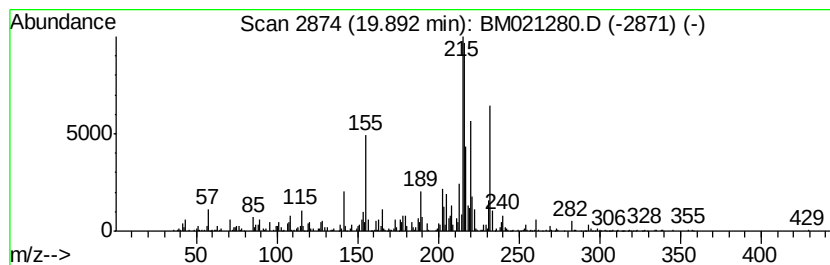
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	5.20 ng/ul	943312	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7 50
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7 46
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4 41
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7 38
5	3-Pyrenylacetic acid	260	C18H12O2	064709-55-3 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 02:06
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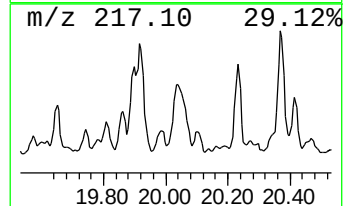
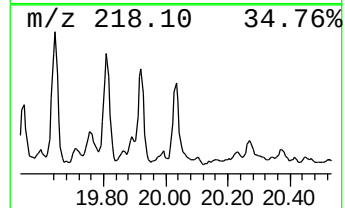
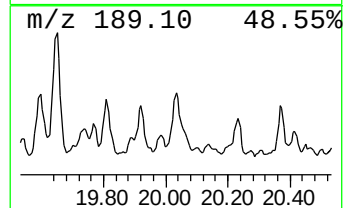
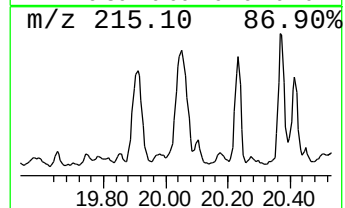
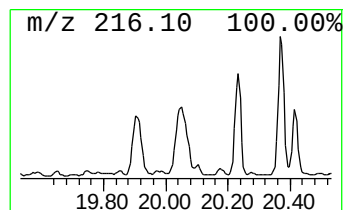
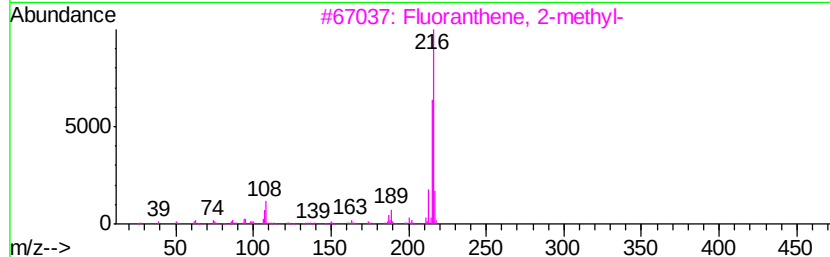
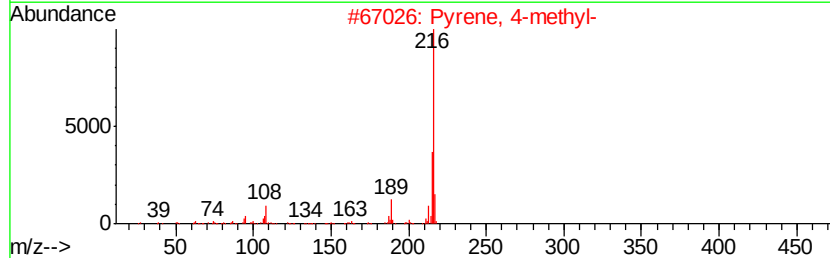
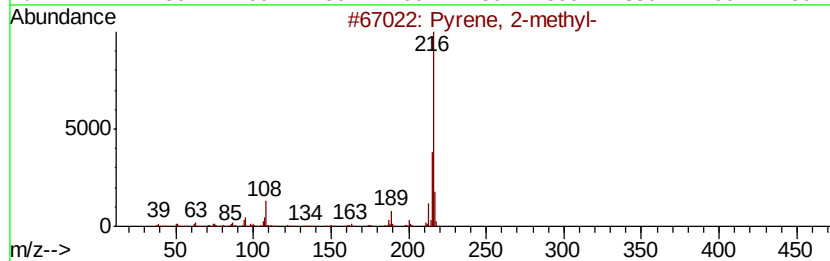
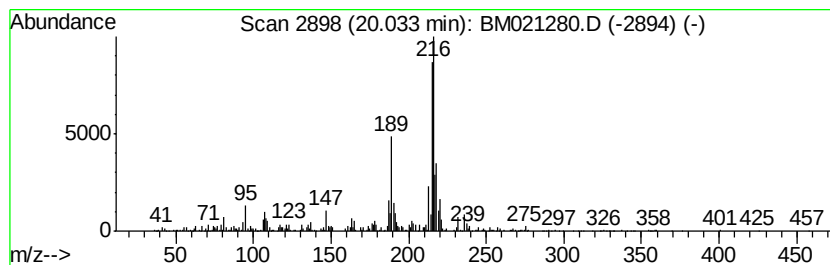
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	9.49 ng/ul	1722160	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 2-methyl-	216 C17H12	003442-78-2	60
2	Pyrene, 4-methyl-	216 C17H12	003353-12-6	60
3	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	50
4	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	50
5	Pyrene, 4-methyl-	216 C17H12	003353-12-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

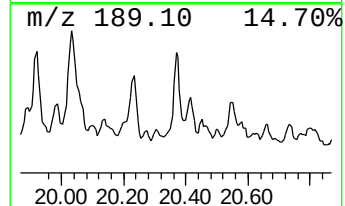
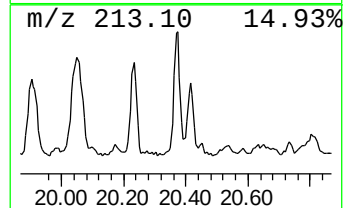
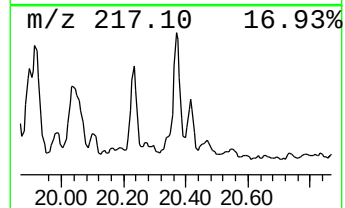
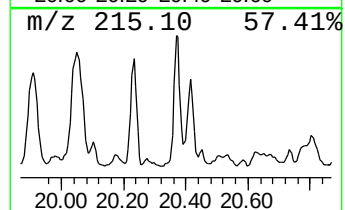
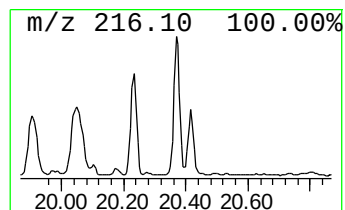
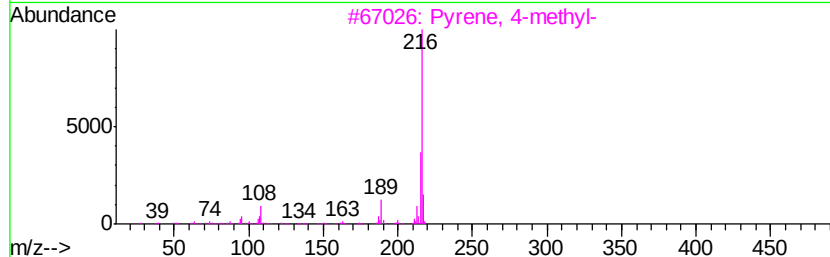
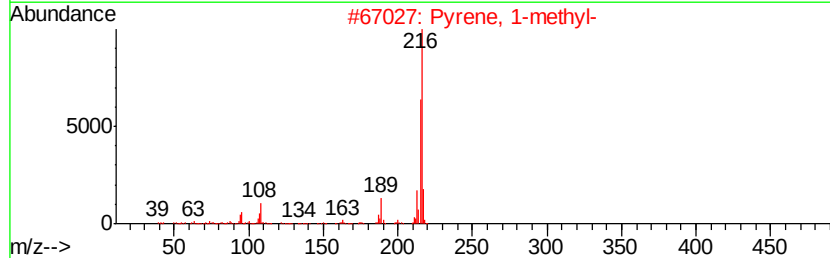
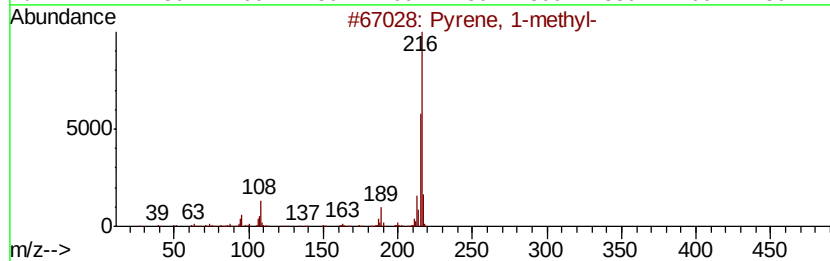
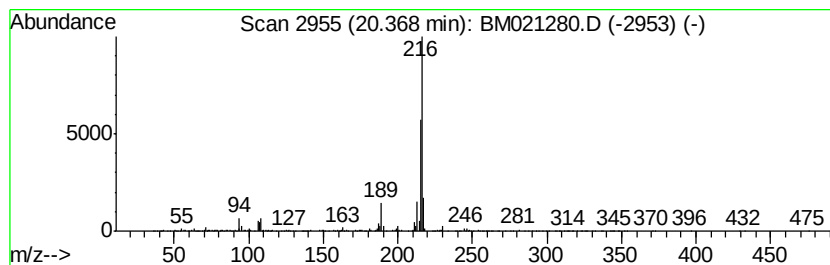
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Pyrene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	4.99 ng/ul	905073	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216 C17H12	002381-21-7	95
3	Pyrene, 4-methyl-	216 C17H12	003353-12-6	94
4	Pyrene, 1-methyl-	216 C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216 C17H12	003442-78-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

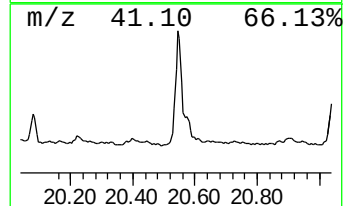
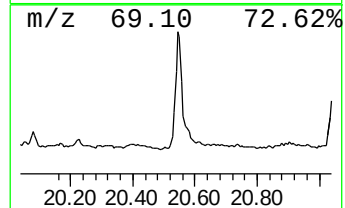
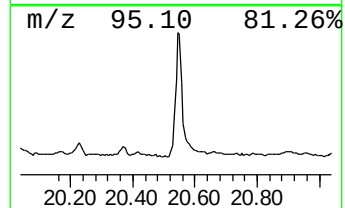
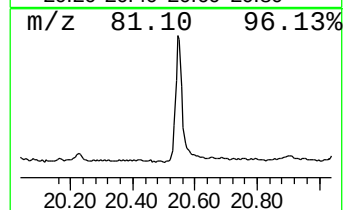
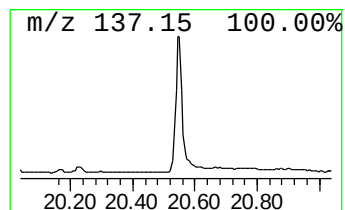
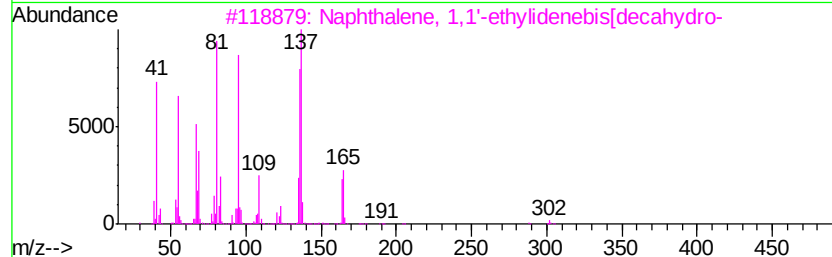
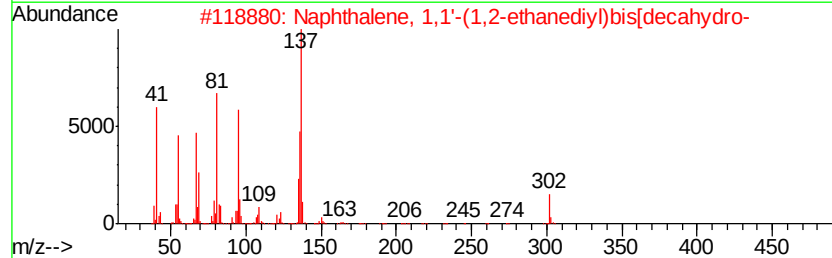
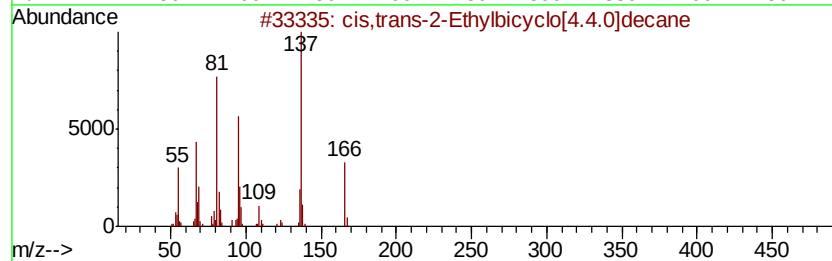
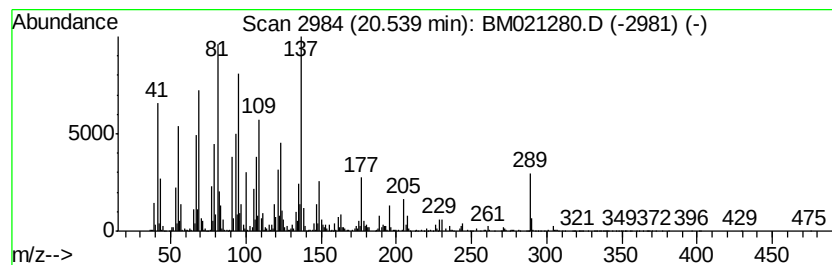
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 cis,trans-2-Ethylbicyclo[4.4.0]d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	27.97 ng/ul	5073200	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis,trans-2-Ethylbicyclo[4.4.0]d...	166 C12H22	066660-38-6 60
2		Naphthalene, 1,1'-(1,2-ethanediyl)...	302 C22H38	054934-69-9 52
3		Naphthalene, 1,1'-ethylidenebis[...	302 C22H38	054934-70-2 52
4		trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3 49
5		Naphthalene, 2-butyldecahydro-	194 C14H26	006305-52-8 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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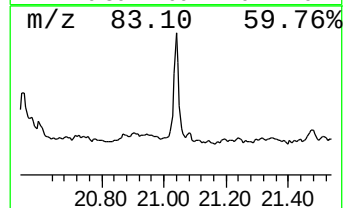
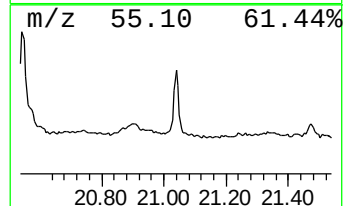
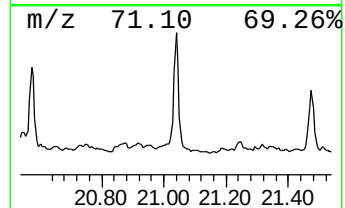
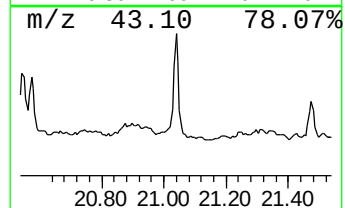
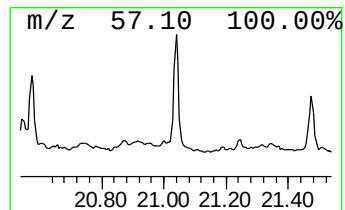
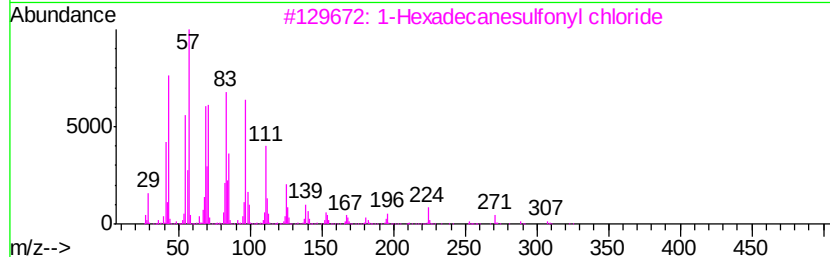
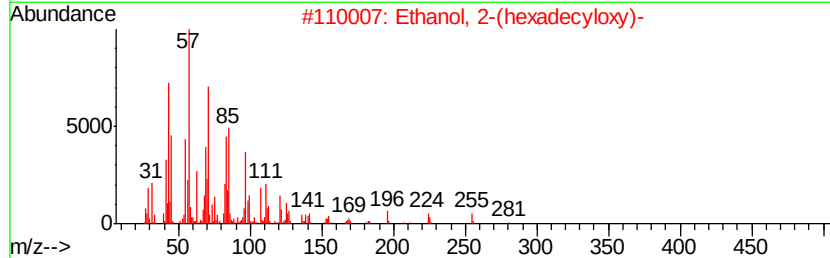
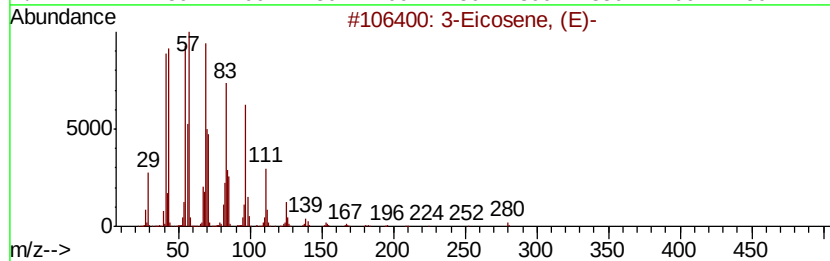
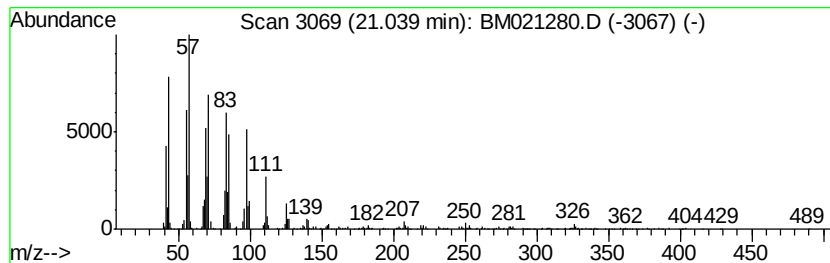
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic21.04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	7.30 ng/ul	1324210	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	87
5		1-Eicosene	280	C20H40	003452-07-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
Operator : HP/JU
Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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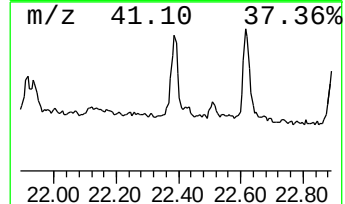
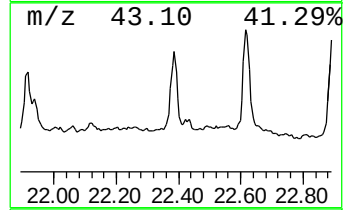
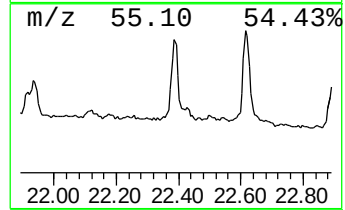
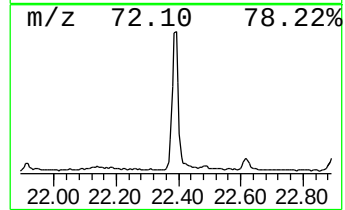
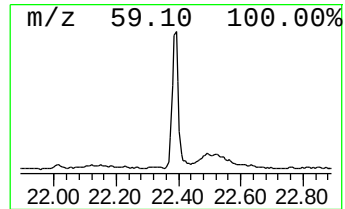
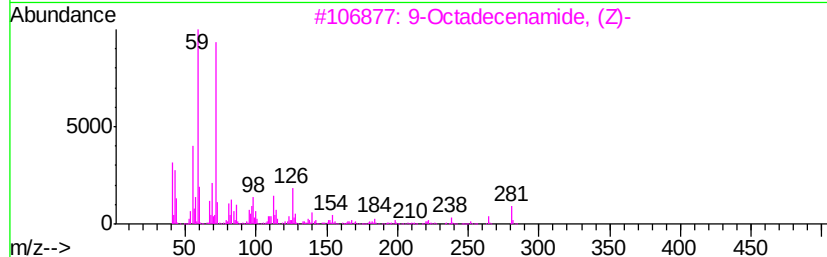
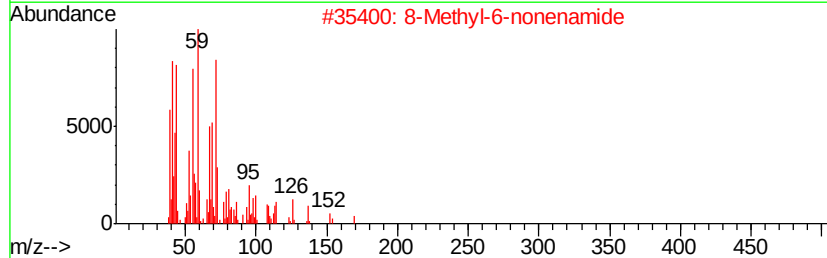
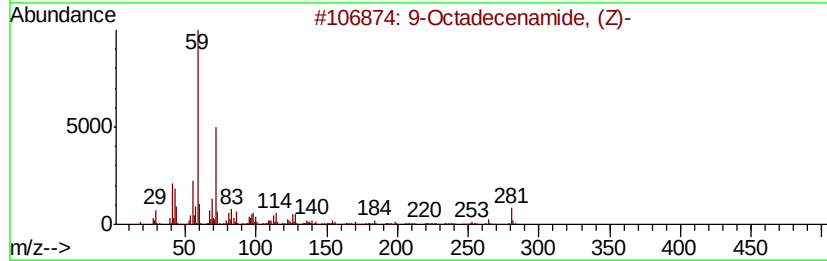
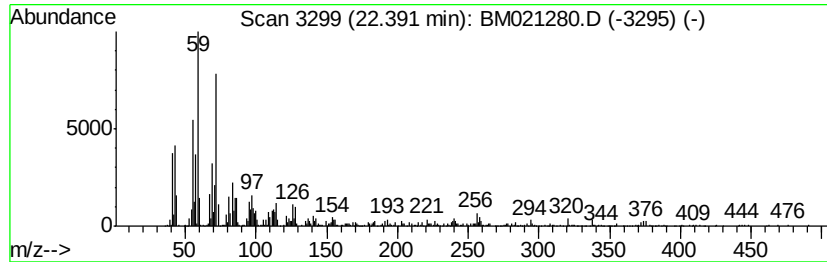
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	10.92 ng/ul	1980590	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
2		8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	52
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	38
5		Dodecanamide	199	C12H25NO	001120-16-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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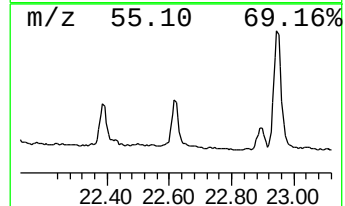
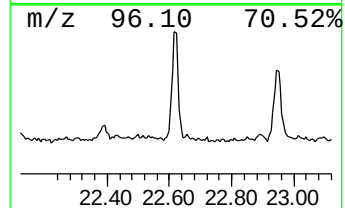
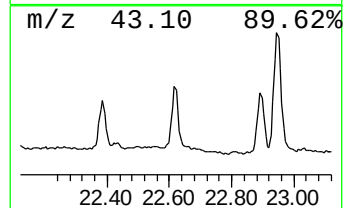
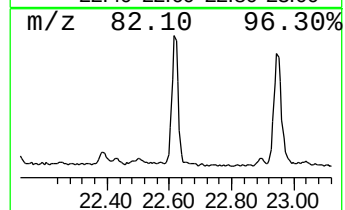
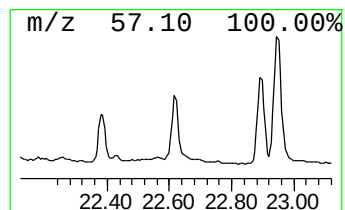
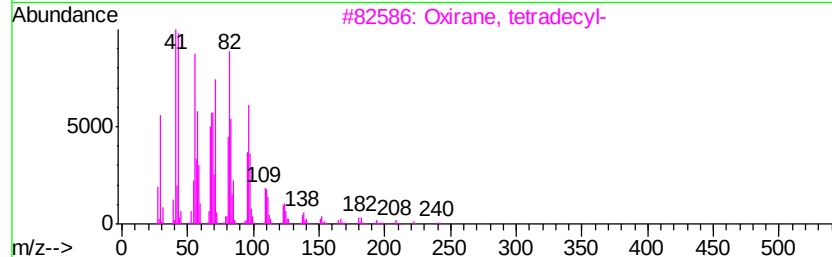
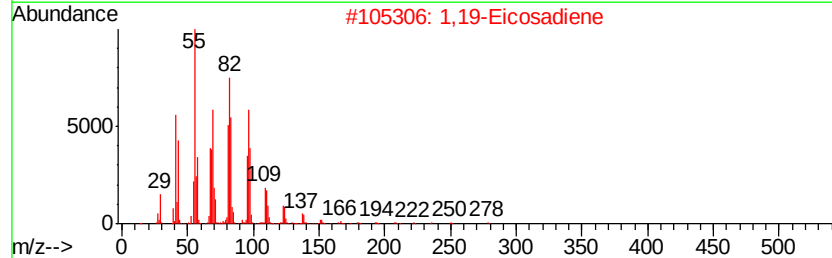
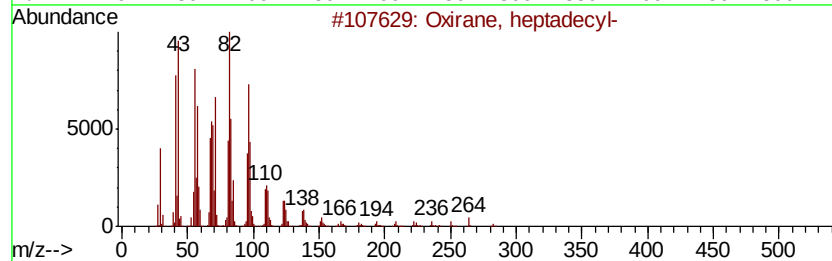
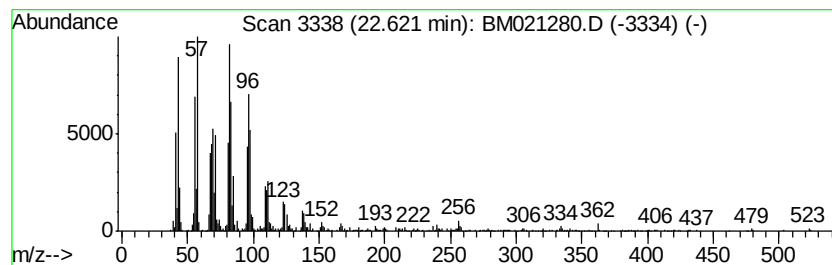
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	8.76 ng/ul	1710570	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2		1,19-Eicosadiene	278	C20H38	014811-95-1	94
3		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
4		Tetracosanal	352	C24H48O	057866-08-7	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Misc :
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ClientSampleId :
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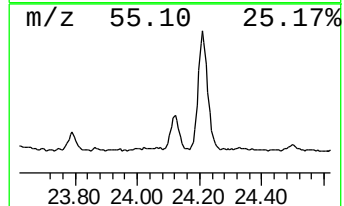
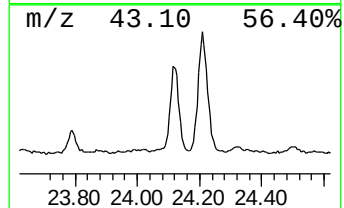
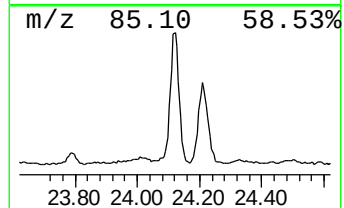
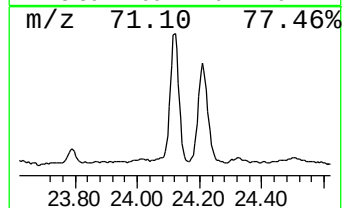
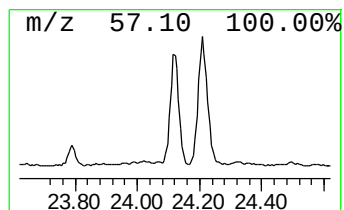
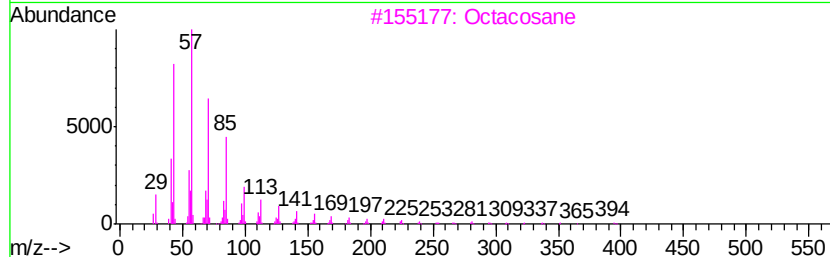
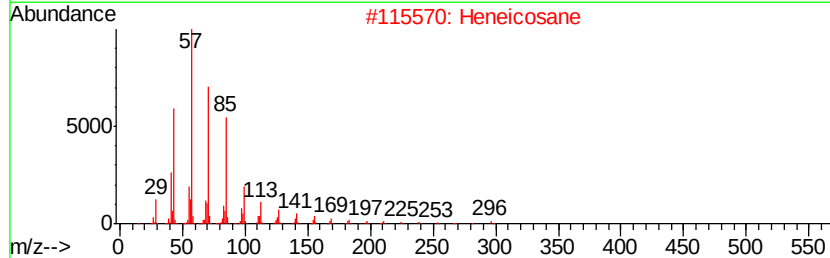
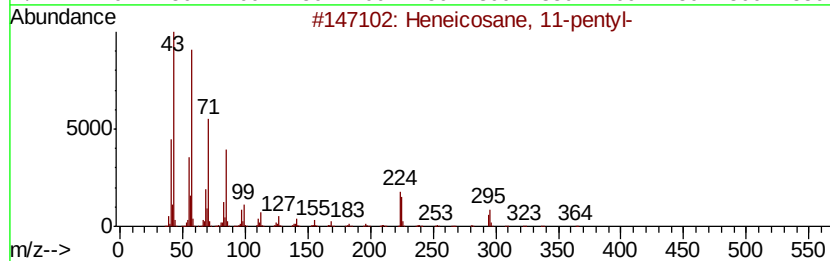
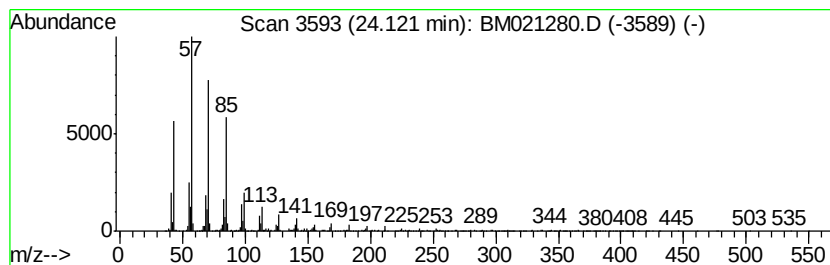
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	8.07 ng/ul	1574330	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021280.D
Acq On : 30 Jun 2019 02:06
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Sample : K3590-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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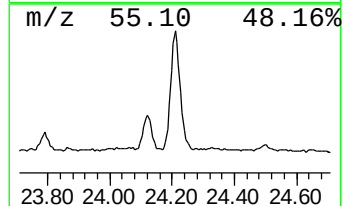
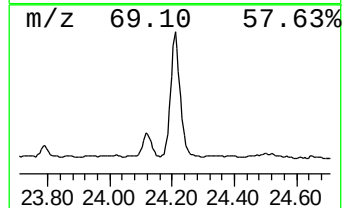
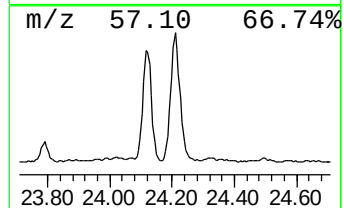
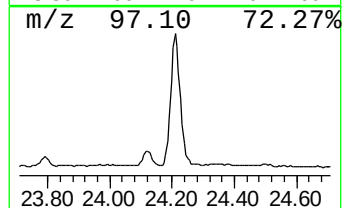
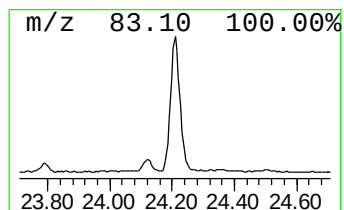
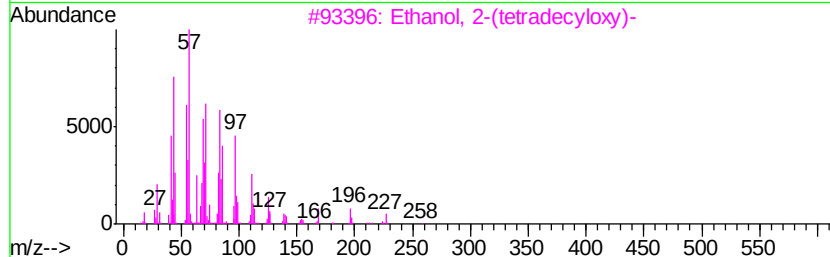
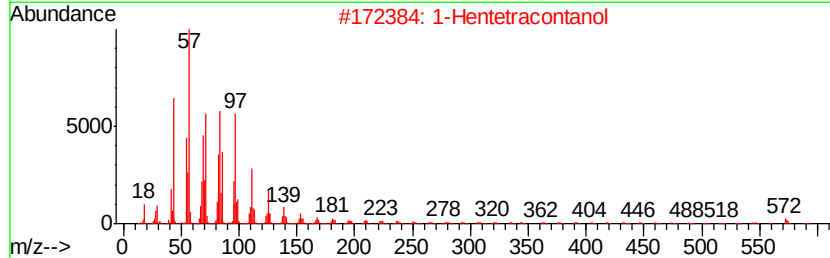
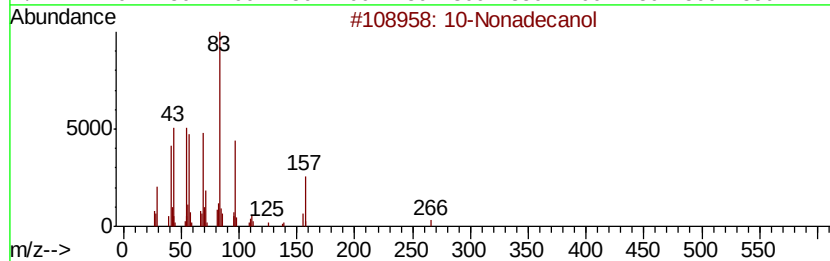
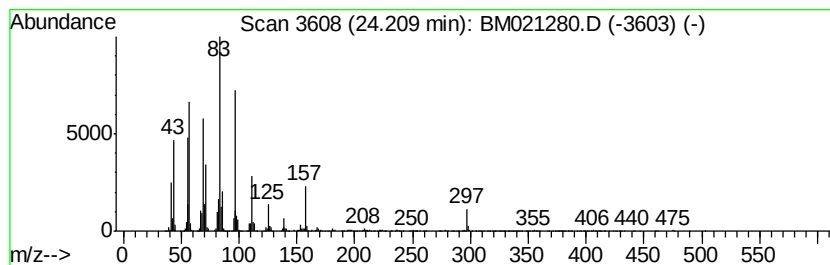
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 10-Nonadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	22.66 ng/ul	4423600	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Nonadecanol	284	C19H40O	016840-84-9	64
2		1-Hentetracontanol	593	C41H84O	040710-42-7	43
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	38
4		17-Pentatriacontene	491	C35H70	006971-40-0	38
5		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021280.D
 Acq On : 30 Jun 2019 02:06
 Operator : HP/JU
 Sample : K3590-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	29.8	ng/ul	2684520	1	7.76	1804610	20.0
Cyclotrisiloxane,...	4.40	3.8	ng/ul	341825	1	7.76	1804610	20.0
Cyclotetrasiloxan...	6.86	2.9	ng/ul	264026	1	7.76	1804610	20.0
unknown-01	14.22	3.4	ng/ul	647370	3	14.40	3849130	20.0
(DEL) Alkane: Str...	14.29	8.2	ng/ul	1583770	3	14.40	3849130	20.0
unknown-02	14.35	3.1	ng/ul	606036	3	14.40	3849130	20.0
unknown-03	14.70	2.4	ng/ul	455652	3	14.40	3849130	20.0
(DEL) Alkane: Str...	14.79	3.3	ng/ul	641771	3	14.40	3849130	20.0
(DEL) Alkane: Str...	14.84	2.3	ng/ul	445296	3	14.40	3849130	20.0
(DEL) Alkane: Str...	14.90	7.8	ng/ul	1501530	3	14.40	3849130	20.0
unknown-04	14.98	2.1	ng/ul	395523	3	14.40	3849130	20.0
(DEL) Alkane: Str...	15.24	15.3	ng/ul	2937750	3	14.40	3849130	20.0
(DEL) Alkane: Str...	15.74	6.8	ng/ul	1311090	3	14.40	3849130	20.0
(DEL) Alkane: Str...	15.80	5.0	ng/ul	1019620	4	17.16	4043350	20.0
17-Octadecenal	15.86	4.3	ng/ul	868648	4	17.16	4043350	20.0
1,4,5,8-Tetrameth...	15.90	5.2	ng/ul	1054830	4	17.16	4043350	20.0
Bifenthrin	16.00	5.0	ng/ul	1020810	4	17.16	4043350	20.0
(DEL) Alkane: Str...	16.13	87.8	ng/ul	17747700	4	17.16	4043350	20.0
Naphthalene, 1,2,...	16.26	4.2	ng/ul	857420	4	17.16	4043350	20.0
3-Methyl-4-(metho...	16.45	6.9	ng/ul	1400250	4	17.16	4043350	20.0
(DEL) Alkane: Str...	16.90	16.2	ng/ul	3281840	4	17.16	4043350	20.0
(DEL) Alkane: Str...	16.96	23.3	ng/ul	4710140	4	17.16	4043350	20.0
(DEL) Alkane: Str...	17.56	8.1	ng/ul	1628700	4	17.16	4043350	20.0
(DEL) Alkane: Str...	17.64	21.1	ng/ul	4271780	4	17.16	4043350	20.0
n-Hexadecanoic acid	18.05	10.3	ng/ul	2076580	4	17.16	4043350	20.0
(DEL) Alkane: Str...	18.33	17.7	ng/ul	3572570	4	17.16	4043350	20.0
Phenanthrene, 3,6...	18.87	13.1	ng/ul	2654540	4	17.16	4043350	20.0
(DEL) Alkane: Str...	18.97	8.2	ng/ul	1648190	4	17.16	4043350	20.0
Phenanthrene, 2,3...	19.65	15.8	ng/ul	2859200	5	21.34	3628200	20.0
Pyrene, 1-methyl-	19.89	5.2	ng/ul	943312	5	21.34	3628200	20.0
Pyrene, 2-methyl-	20.03	9.5	ng/ul	1722160	5	21.34	3628200	20.0
Pyrene, 4-methyl-	20.37	5.0	ng/ul	905073	5	21.34	3628200	20.0
cis,trans-2-Ethyl...	20.54	28.0	ng/ul	5073200	5	21.34	3628200	20.0
(DEL) Alkane: Cyc...	21.04	7.3	ng/ul	1324210	5	21.34	3628200	20.0
9-Octadecenamamide,...	22.39	10.9	ng/ul	1980590	5	21.34	3628200	20.0
Oxirane, heptadecyl-	22.62	8.8	ng/ul	1710570	6	23.61	3903640	20.0
(DEL) Alkane: Str...	24.12	8.1	ng/ul	1574330	6	23.61	3903640	20.0
10-Nonadecanol	24.21	22.7	ng/ul	4423600	6	23.61	3903640	20.0