

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
 Data File : BM023815.D
 Acq On : 20 Nov 2019 02:42
 Operator : JU
 Sample : K5847-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPT9

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-BM111119MA.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	2.981	12	16	25	rVB	670951	661174	16.20%	1.524%
2	3.305	69	71	77	rVB2	83960	94729	2.32%	0.218%
3	3.769	145	150	160	rVB2	49887	81996	2.01%	0.189%
4	4.599	286	291	296	rBV	79292	105998	2.60%	0.244%
5	5.546	447	452	459	rVB6	26881	66576	1.63%	0.153%
6	5.816	489	498	505	rBV7	56970	139110	3.41%	0.321%
7	6.028	528	534	541	rVB4	51247	92824	2.27%	0.214%
8	6.098	541	546	551	rBV	65092	102342	2.51%	0.236%
9	6.204	561	564	570	rVB2	55046	85992	2.11%	0.198%
10	6.534	616	620	625	rVB	92681	132234	3.24%	0.305%
11	6.663	639	642	645	rBV3	69876	106246	2.60%	0.245%
12	6.910	679	684	688	rVB4	46614	66907	1.64%	0.154%
13	7.010	693	701	707	rBV3	47710	118542	2.90%	0.273%
14	7.087	710	714	722	rVB4	49693	108908	2.67%	0.251%
15	7.163	722	727	734	rBV2	103000	206584	5.06%	0.476%
16	7.340	752	757	759	rBV4	41976	66274	1.62%	0.153%
17	7.422	766	771	773	rBV5	55929	82646	2.03%	0.191%
18	7.451	773	776	780	rVV2	66469	113309	2.78%	0.261%
19	7.516	780	787	796	rVV	1730618	2738348	67.10%	6.313%
20	7.598	796	801	805	rVV5	50871	113271	2.78%	0.261%
21	7.657	805	811	815	rVV7	48384	122181	2.99%	0.282%
22	7.716	817	821	824	rVV3	74324	121211	2.97%	0.279%
23	7.751	824	827	831	rVV2	101269	167189	4.10%	0.385%
24	7.792	831	834	843	rVV4	75738	185620	4.55%	0.428%
25	8.063	875	880	886	rVV3	174747	311890	7.64%	0.719%
26	8.192	898	902	910	rVB3	106013	220977	5.41%	0.509%
27	8.292	911	919	922	rBV3	78620	149023	3.65%	0.344%
28	8.334	923	926	930	rVB2	81154	114636	2.81%	0.264%
29	8.398	931	937	941	rBV5	56919	106871	2.62%	0.246%
30	8.622	966	975	984	rVB5	124917	330853	8.11%	0.763%
31	8.716	984	991	993	rBV6	63400	121777	2.98%	0.281%
32	8.751	993	997	1006	rVB	235697	436044	10.68%	1.005%
33	8.869	1006	1017	1023	rBV	138356	392673	9.62%	0.905%
34	9.098	1052	1056	1060	rBV3	43771	74574	1.83%	0.172%

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35	9.163	1060	1067	1071	rVV4	95196	219793	5.39%	0.507%
36	9.216	1071	1076	1085	rVB5	113630	271582	6.65%	0.626%
37	9.445	1111	1115	1117	rBV2	52352	79438	1.95%	0.183%
38	9.481	1118	1121	1123	rBV2	51265	66668	1.63%	0.154%
39	9.592	1135	1140	1144	rBV5	68658	126118	3.09%	0.291%
40	9.663	1148	1152	1155	rBV5	70347	109445	2.68%	0.252%
41	9.698	1155	1158	1162	rVV4	53921	106843	2.62%	0.246%
42	9.745	1163	1166	1175	rVB6	74919	161259	3.95%	0.372%
43	9.851	1180	1184	1188	rBV2	73313	120918	2.96%	0.279%
44	9.898	1188	1192	1196	rVB5	51116	88278	2.16%	0.204%
45	10.004	1203	1210	1214	rBV3	86724	169810	4.16%	0.391%
46	10.169	1233	1238	1241	rBV3	77516	137047	3.36%	0.316%
47	10.204	1242	1244	1249	rVB3	57492	82966	2.03%	0.191%
48	10.292	1249	1259	1265	rBV	2200704	3768524	92.34%	8.688%
49	10.345	1265	1268	1271	rBV2	74829	101435	2.49%	0.234%
50	10.416	1277	1280	1285	rVB5	60672	106186	2.60%	0.245%
51	10.481	1285	1291	1295	rVV2	250965	405671	9.94%	0.935%
52	10.528	1295	1299	1306	rVV4	73545	179004	4.39%	0.413%
53	10.604	1307	1312	1317	rVB7	69975	134528	3.30%	0.310%
54	10.716	1327	1331	1339	rVB5	81958	172829	4.23%	0.398%
55	10.792	1340	1344	1349	rBV3	82383	120600	2.96%	0.278%
56	10.980	1372	1376	1378	rBV2	62488	91729	2.25%	0.211%
57	11.080	1390	1393	1398	rVB4	61407	93779	2.30%	0.216%
58	11.151	1402	1405	1411	rVV5	77590	125356	3.07%	0.289%
59	11.233	1411	1419	1425	rVB5	89953	229192	5.62%	0.528%
60	11.339	1431	1437	1443	rBV2	365418	746165	18.28%	1.720%
61	11.592	1477	1480	1484	rVB5	50548	71402	1.75%	0.165%
62	11.751	1499	1507	1518	rBV2	338292	774034	18.97%	1.784%
63	12.045	1553	1557	1561	rBV5	66607	129136	3.16%	0.298%
64	12.192	1577	1582	1586	rBV5	64424	126582	3.10%	0.292%
65	12.363	1607	1611	1614	rBV4	54965	96202	2.36%	0.222%
66	12.398	1614	1617	1621	rVV3	84388	138906	3.40%	0.320%
67	12.451	1622	1626	1633	rVV4	93922	203333	4.98%	0.469%
68	12.510	1633	1636	1644	rVB6	93189	154012	3.77%	0.355%
69	12.586	1645	1649	1658	rVB6	128552	294274	7.21%	0.678%
70	12.669	1658	1663	1668	rBV4	104906	239582	5.87%	0.552%
71	12.727	1668	1673	1677	rVV	309342	441994	10.83%	1.019%

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72	13.016	1719	1722	1729	rVB2	298324	459490	11.26%	1.059%
73	13.104	1734	1737	1742	rBV2	110325	154404	3.78%	0.356%
74	13.333	1773	1776	1779	rBV5	61219	83964	2.06%	0.194%
75	13.498	1800	1804	1807	rBV2	99846	136628	3.35%	0.315%
76	13.545	1809	1812	1817	rVV5	106983	157516	3.86%	0.363%
77	13.598	1817	1821	1825	rVB	309988	419775	10.29%	0.968%
78	13.686	1831	1836	1840	rBV3	347206	470595	11.53%	1.085%
79	13.804	1853	1856	1860	rBV4	69785	87185	2.14%	0.201%
80	13.904	1869	1873	1878	rBV6	98506	238446	5.84%	0.550%
81	14.010	1887	1891	1895	rBV	218976	268023	6.57%	0.618%
82	14.104	1903	1907	1911	rVV	379089	475482	11.65%	1.096%
83	14.174	1911	1919	1930	rVB	2614710	4081074	100.00%	9.409%
84	14.727	2009	2013	2019	rVB	318992	436762	10.70%	1.007%
85	14.804	2022	2026	2030	rBV4	151617	280930	6.88%	0.648%
86	14.904	2040	2043	2049	rBV6	88183	192634	4.72%	0.444%
87	14.974	2051	2055	2059	rVV4	267138	385329	9.44%	0.888%
88	15.063	2066	2070	2074	rBV	490584	604669	14.82%	1.394%
89	15.474	2133	2140	2144	rBV2	527215	969602	23.76%	2.235%
90	15.680	2171	2175	2182	rVB6	183735	387186	9.49%	0.893%
91	15.927	2213	2217	2219	rBV2	763869	1075047	26.34%	2.478%
92	15.951	2219	2221	2226	rVB	954555	1181991	28.96%	2.725%
93	16.051	2235	2238	2241	rBV2	175062	219114	5.37%	0.505%
94	16.721	2349	2352	2356	rBV	699608	821433	20.13%	1.894%
95	16.774	2357	2361	2366	rVB	859826	1236490	30.30%	2.851%
96	16.927	2382	2387	2392	rBV	2679813	3784835	92.74%	8.726%
97	17.457	2474	2477	2481	rVB	994542	1149985	28.18%	2.651%
98	18.151	2592	2595	2601	rBV	1247976	1746321	42.79%	4.026%
99	18.621	2672	2675	2679	rBV2	1292485	1641560	40.22%	3.785%
100	18.798	2702	2705	2709	rVB	1218991	1405015	34.43%	3.239%

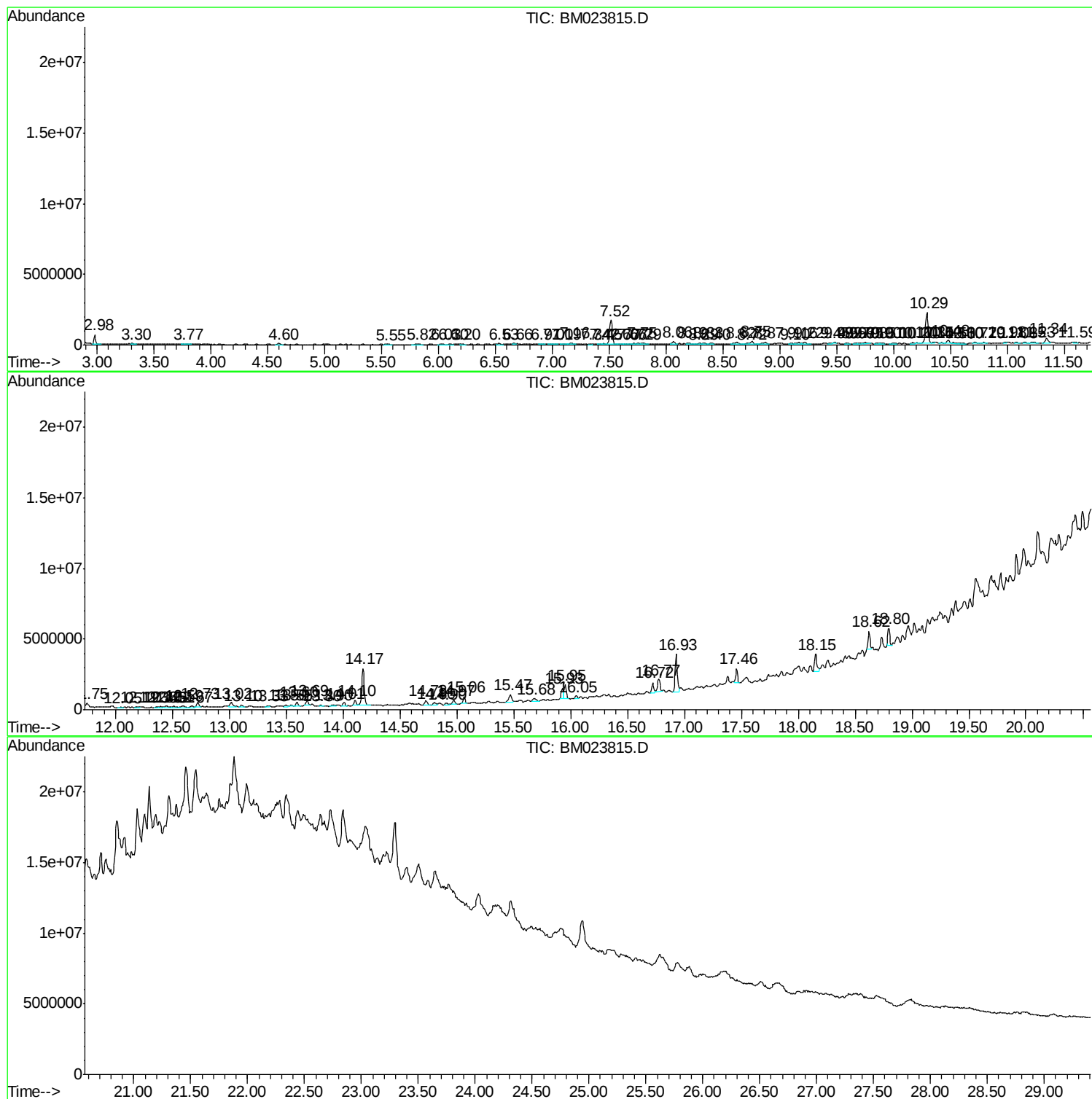
Sum of corrected areas: 43375634

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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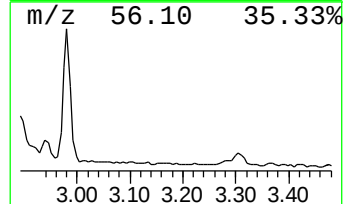
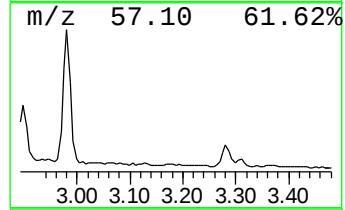
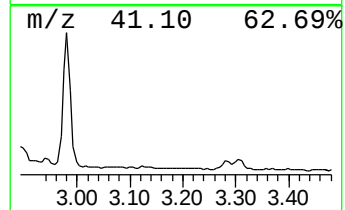
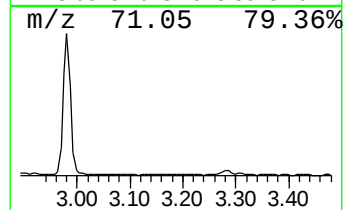
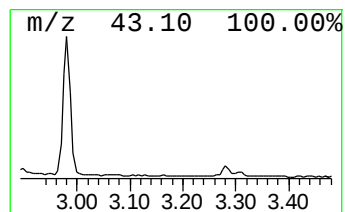
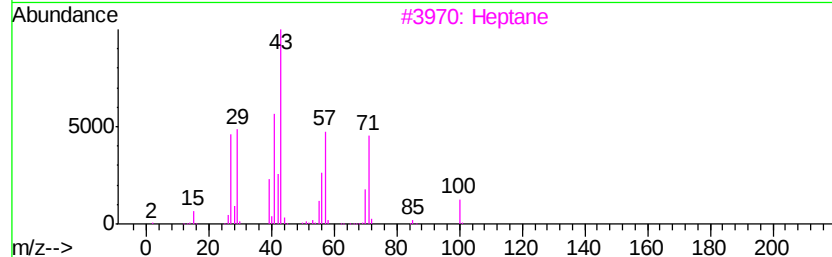
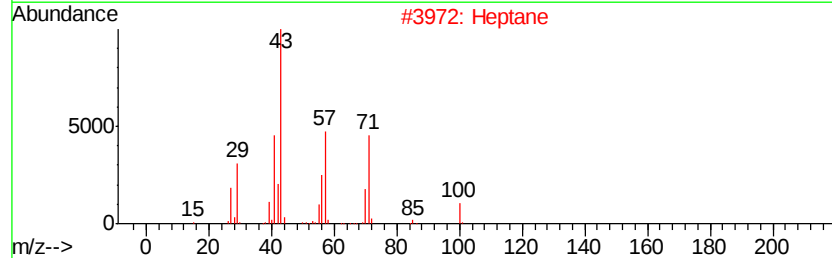
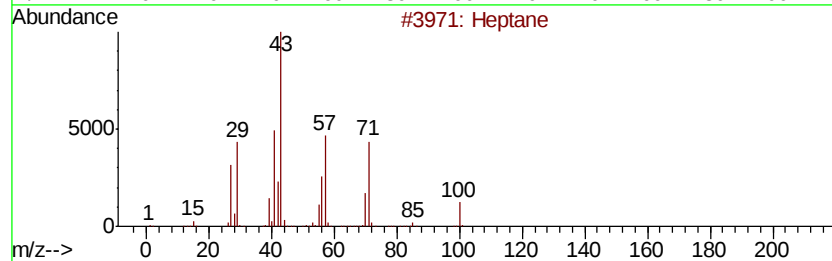
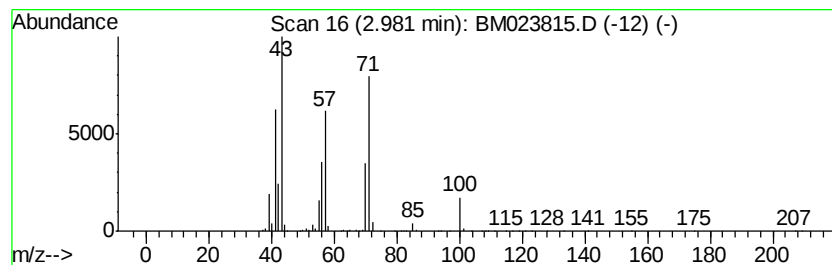
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.83 ng/ul	661174	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	64
5		2-Bromononane	206	C9H19Br	002216-35-5	59



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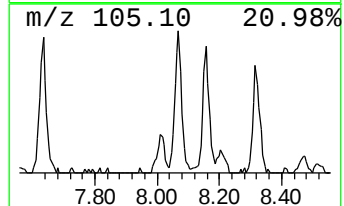
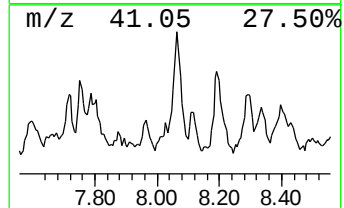
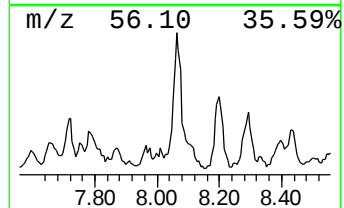
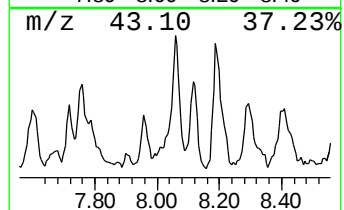
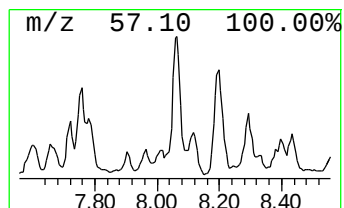
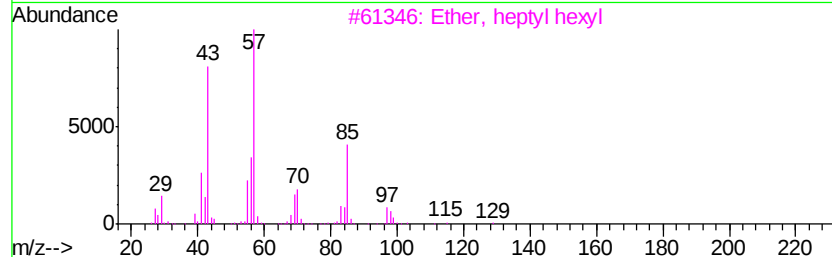
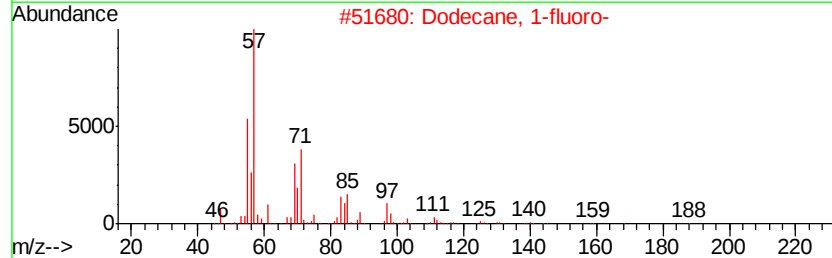
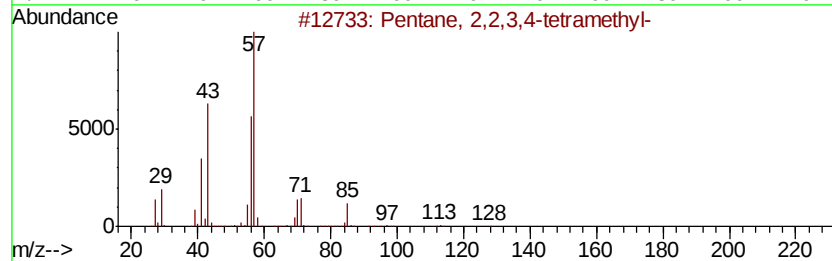
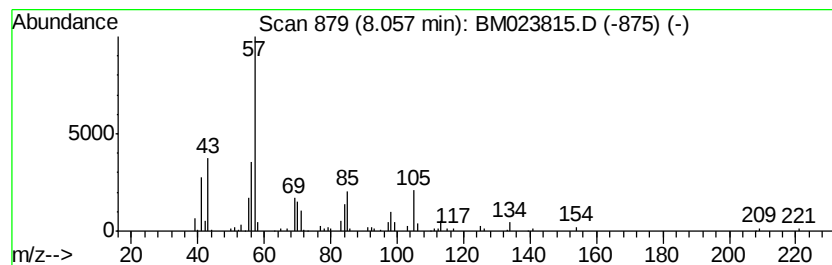
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.28 ng/ul	311890	1,4-Dichlorobenzene-d4	7.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
2			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	47
3			Ether, heptyl hexyl	200	C13H28O	007289-40-9	47
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	43



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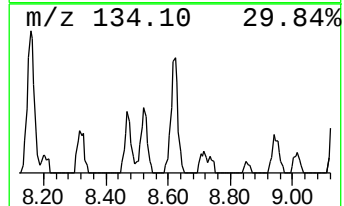
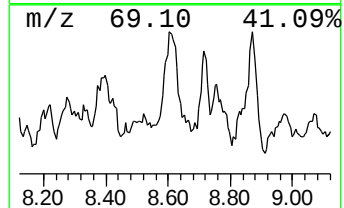
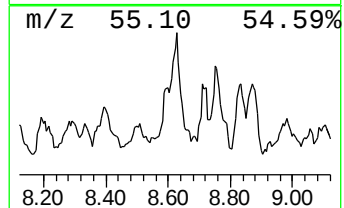
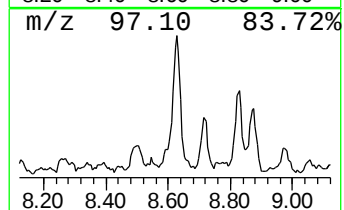
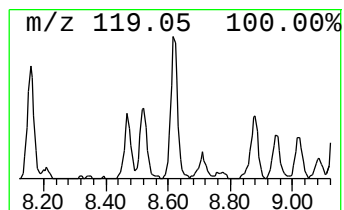
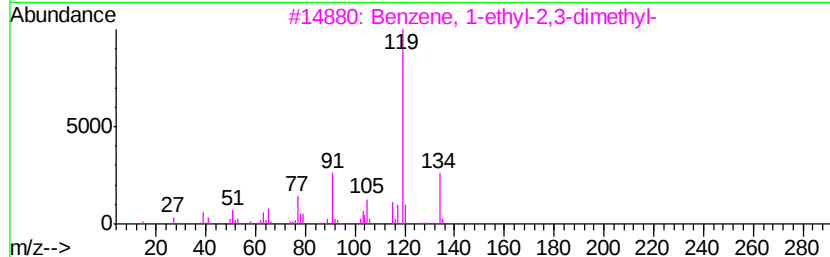
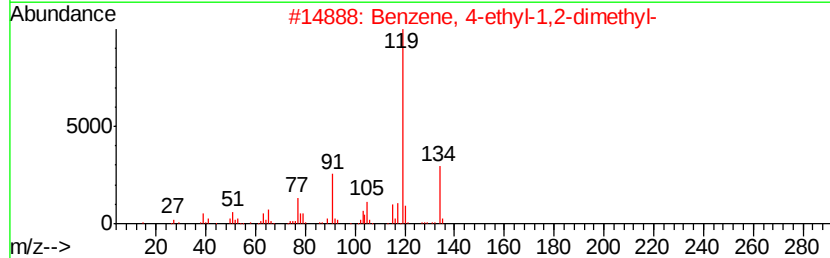
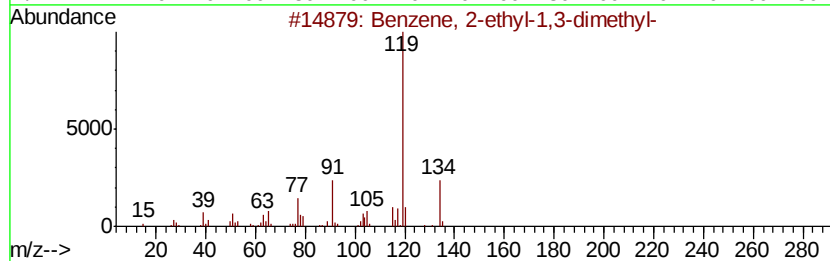
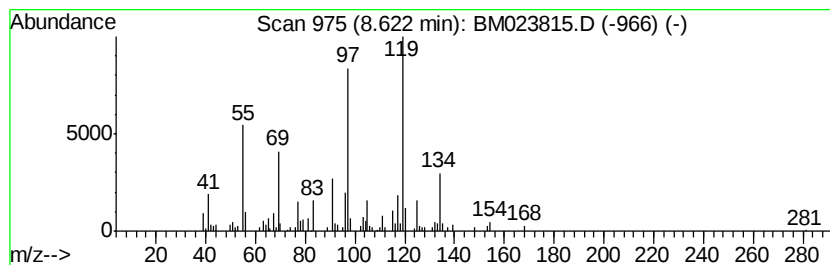
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Peak Number 3 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.42 ng/ul	330853	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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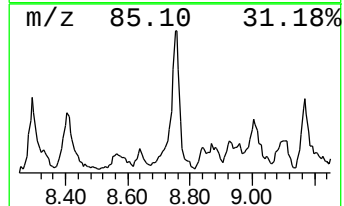
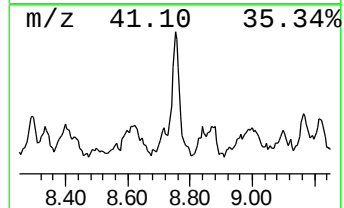
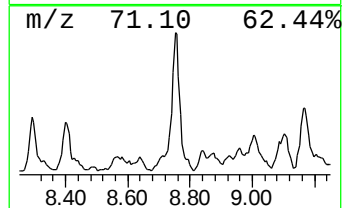
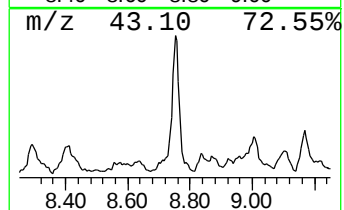
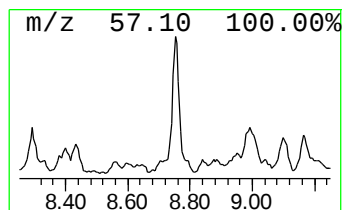
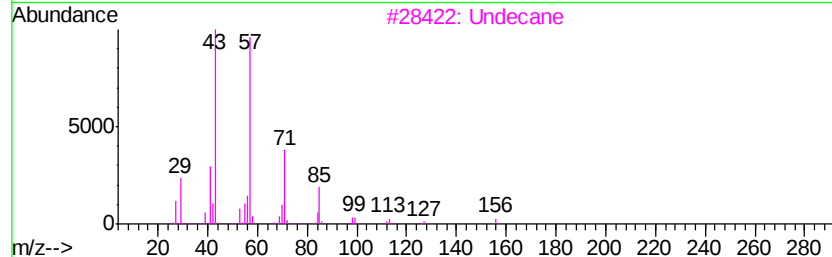
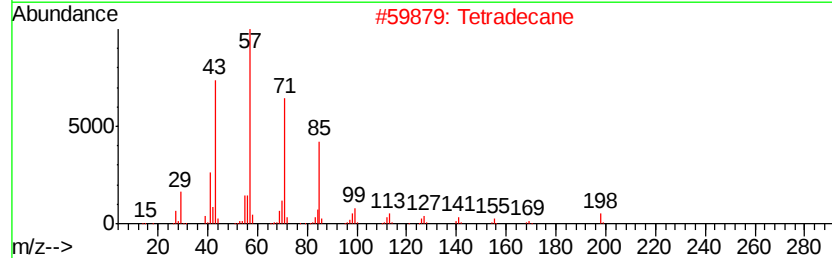
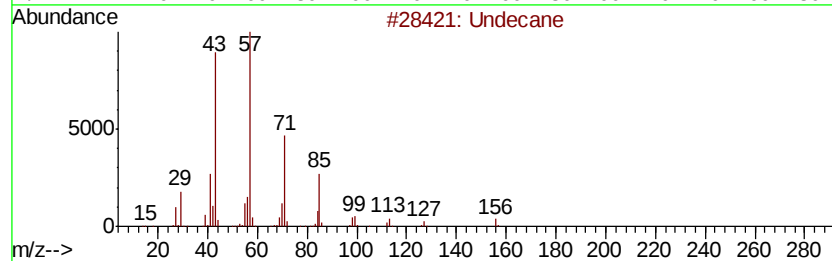
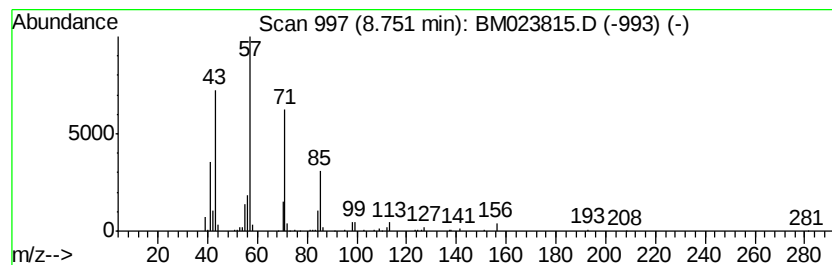
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.18 ng/ul	436044	1,4-Dichlorobenzene-d4	7.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	81
2	Tetradecane			198	C14H30	000629-59-4	78
3	Undecane			156	C11H24	001120-21-4	74
4	Undecane			156	C11H24	001120-21-4	70
5	Undecane			156	C11H24	001120-21-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampled :
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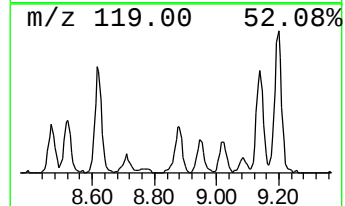
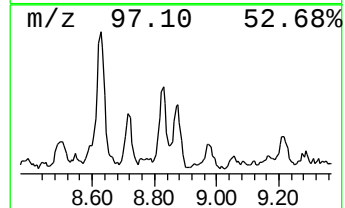
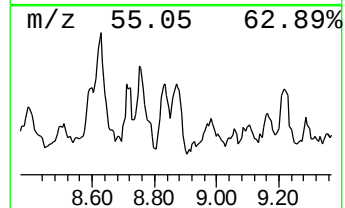
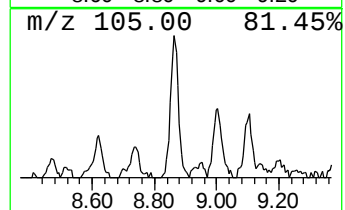
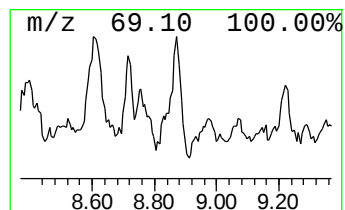
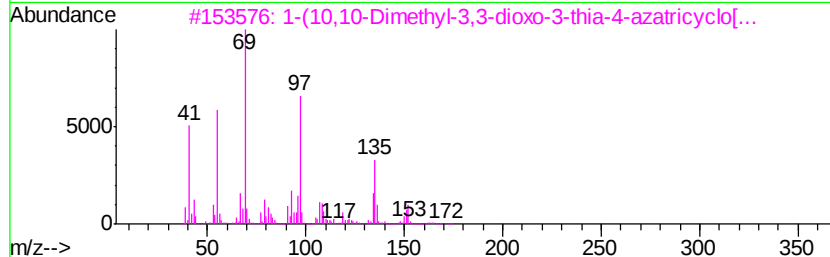
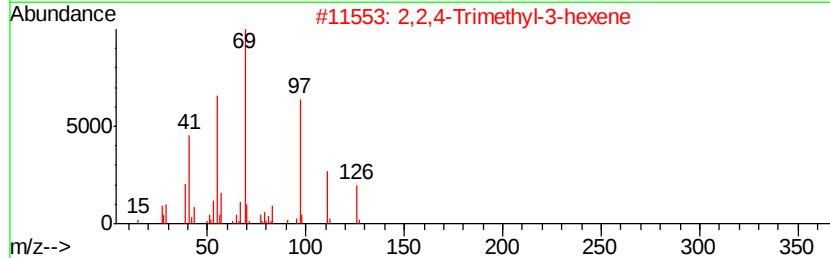
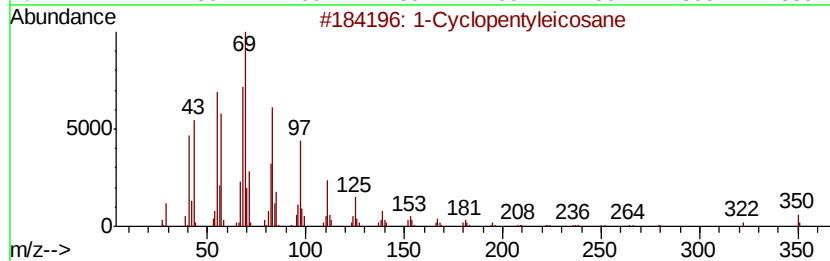
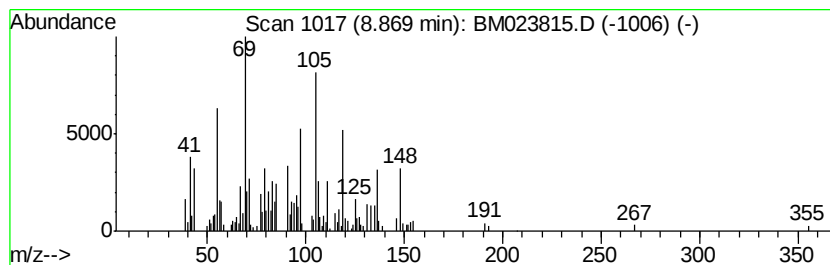
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.87 ng/ul	392673	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclopentyleicosane	350	C25H50	1000357-25-6	46
2		2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	35
3		1-(10,10-Dimethyl-3,3-dioxo-3-th...	311	C16H25N03S	1000210-42-6	32
4		Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	27
5		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
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ClientSampleId :
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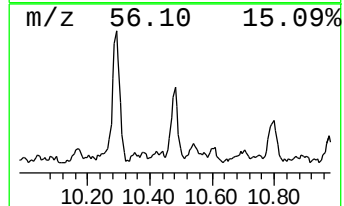
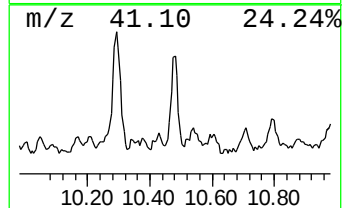
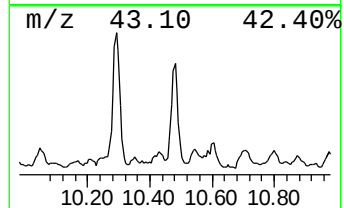
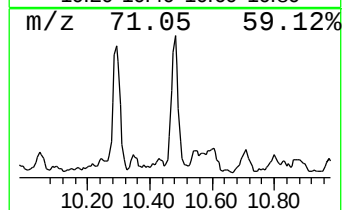
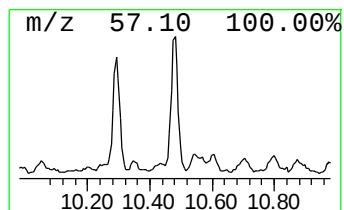
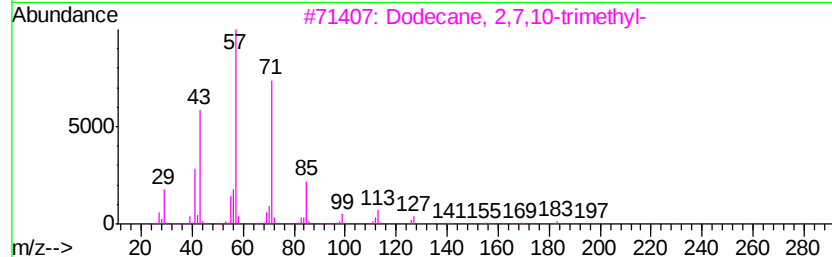
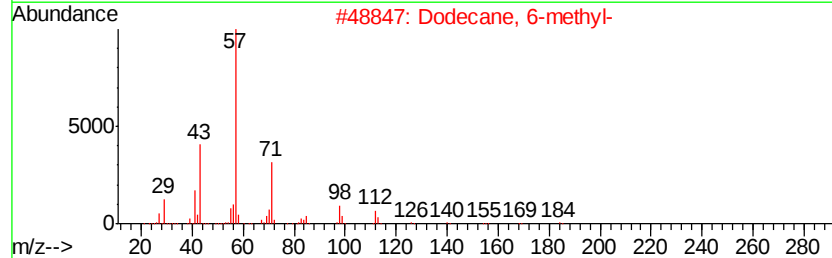
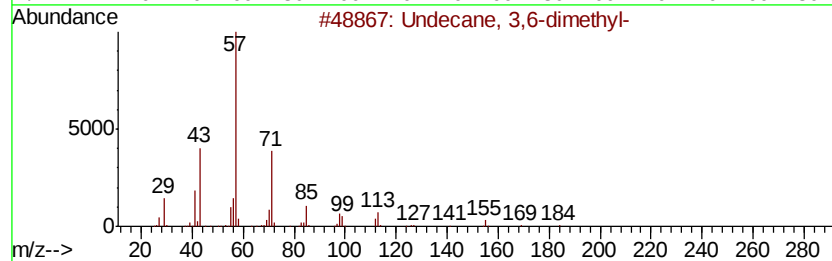
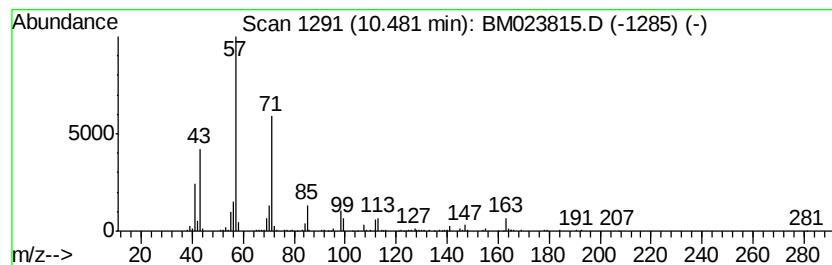
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.15 ng/ul	405671	Napthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Misc :
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Instrument :
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ClientSampleId :
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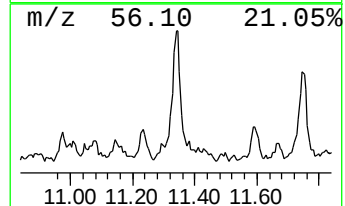
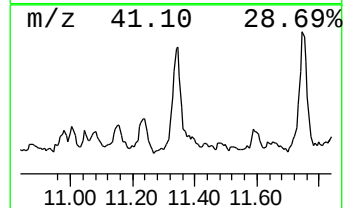
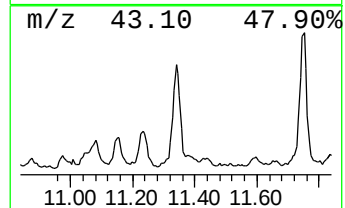
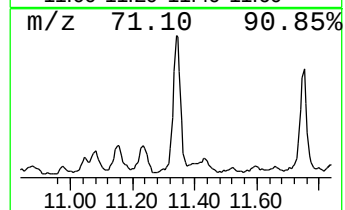
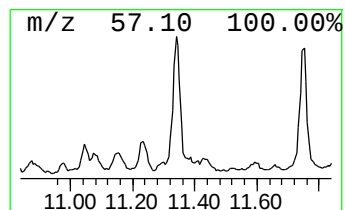
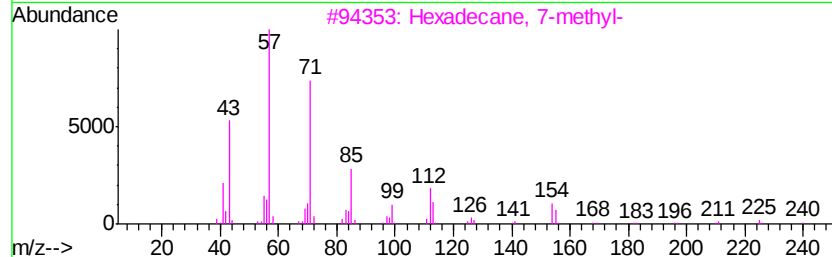
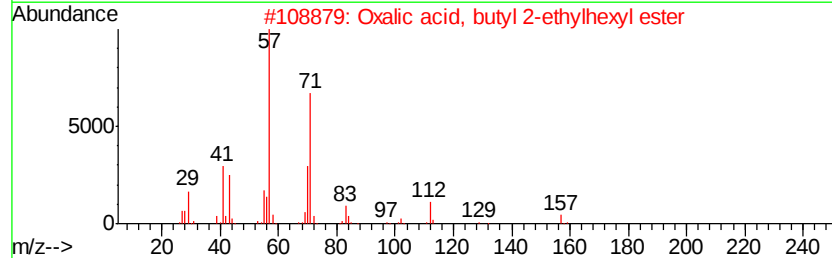
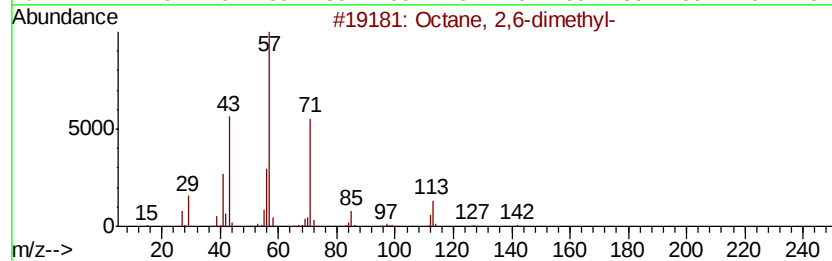
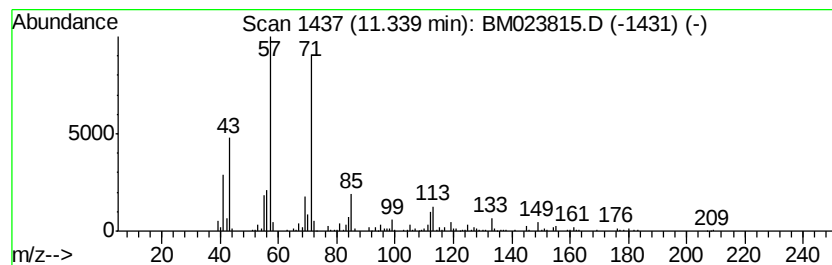
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.96 ng/ul	746165	Napthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	50
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Misc :
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ClientSampleId :
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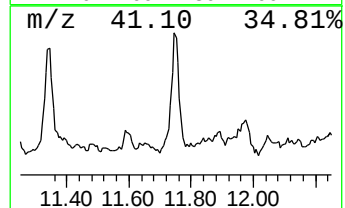
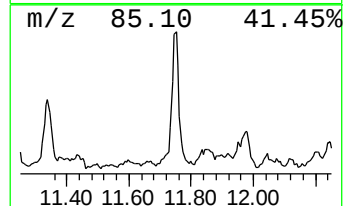
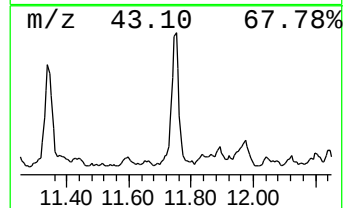
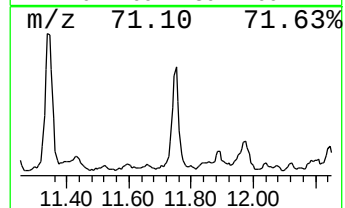
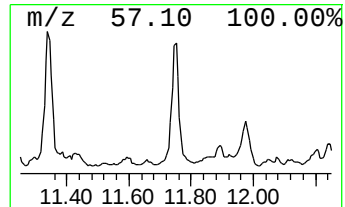
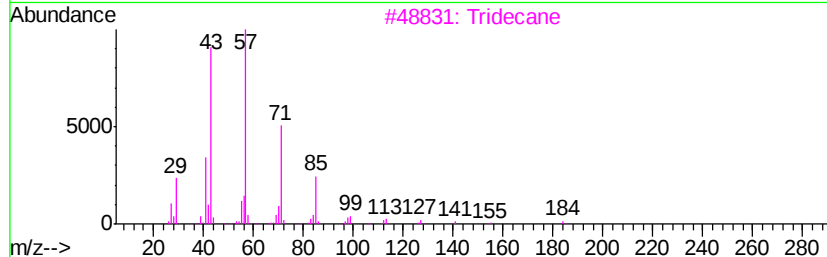
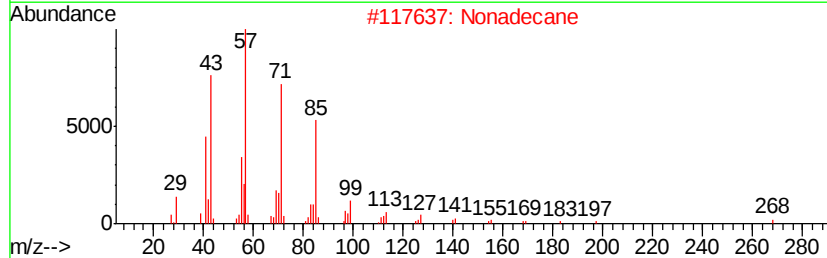
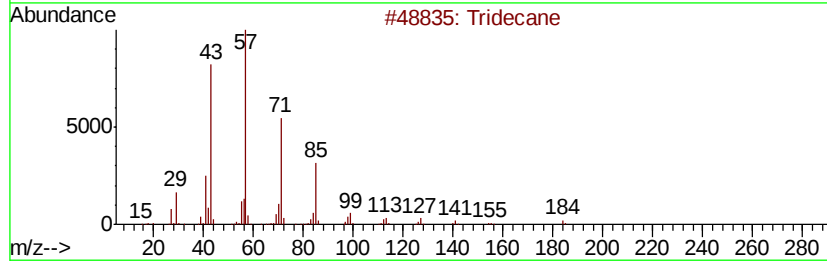
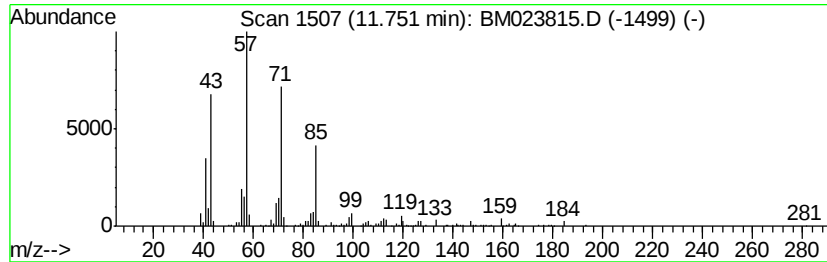
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.11 ng/ul	774034	Napthalene-d8	10.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Nonadecane	268	C19H40	000629-92-5	72
3			Tridecane	184	C13H28	000629-50-5	68
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Misc :
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ClientSampleId :
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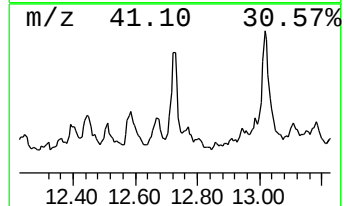
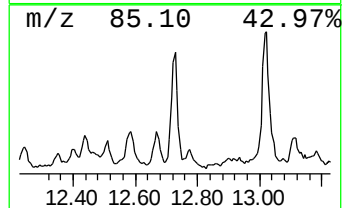
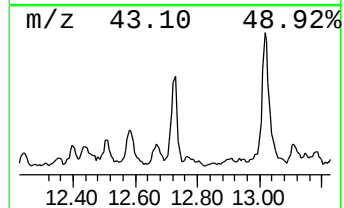
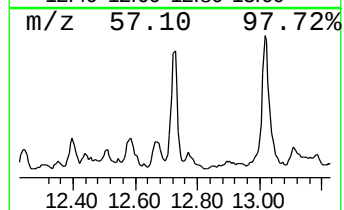
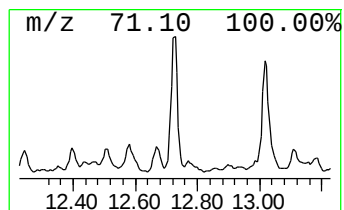
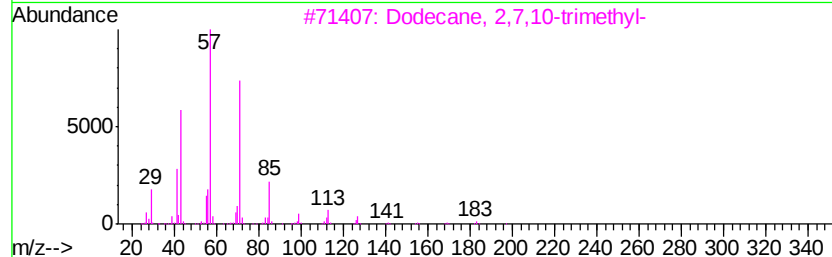
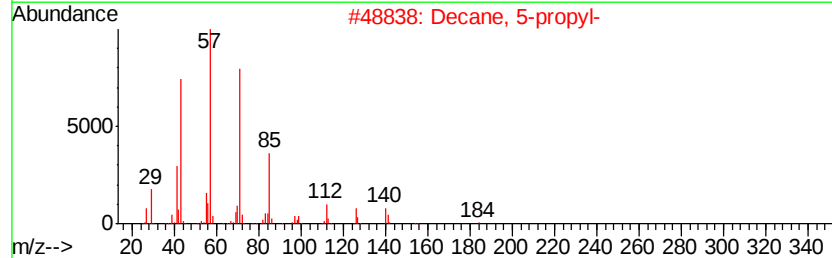
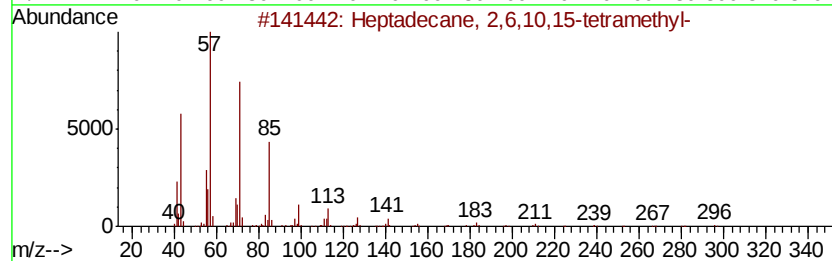
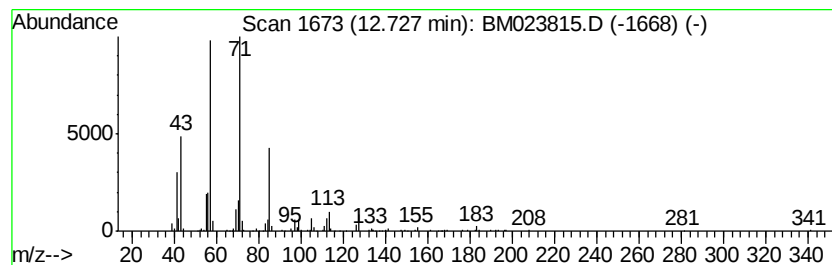
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.17 ng/ul	441994	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Decane, 5-propyl-	184	C13H28	017312-62-8	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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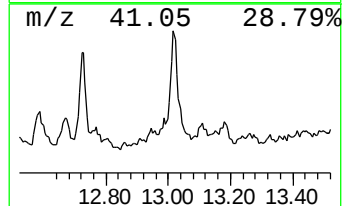
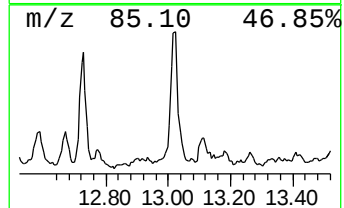
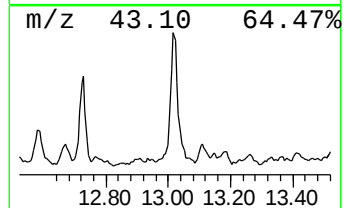
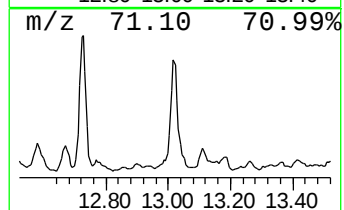
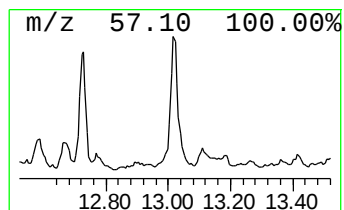
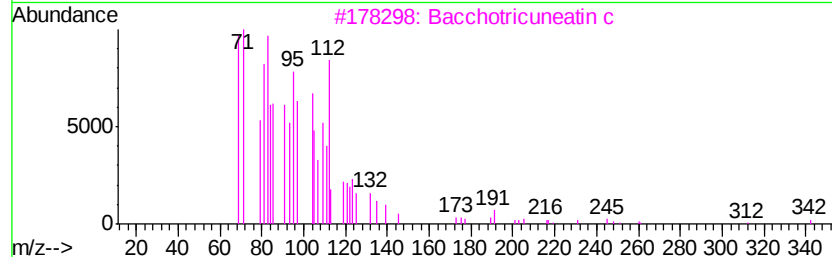
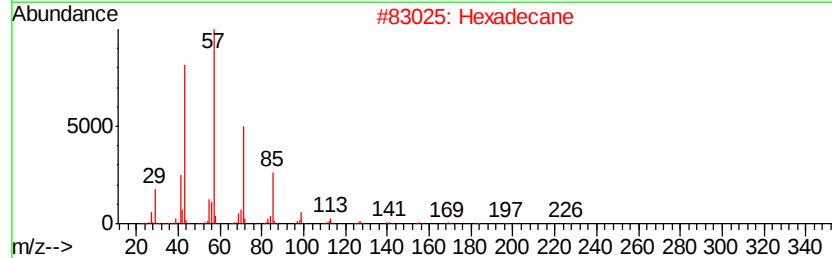
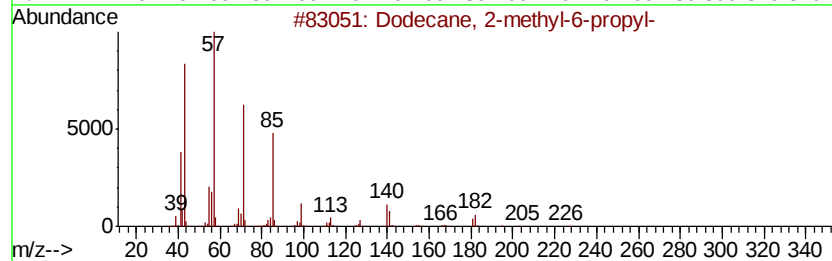
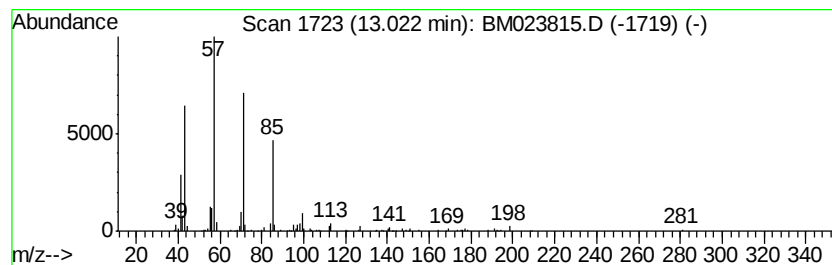
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
13.02	2.25 ng/ul	459490	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
2			Hexadecane	226	C16H34	000544-76-3	72
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59
5			Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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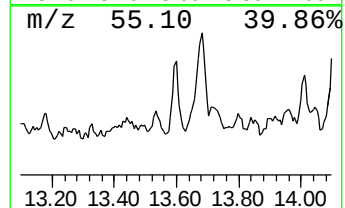
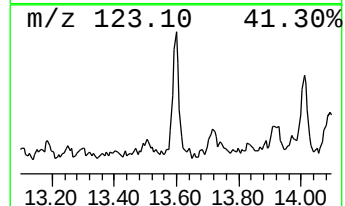
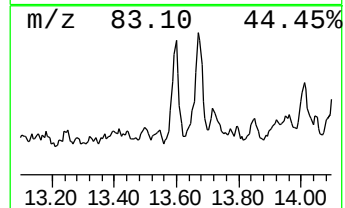
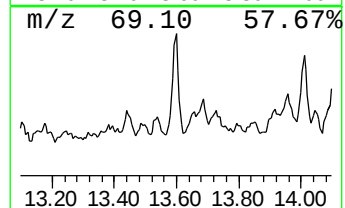
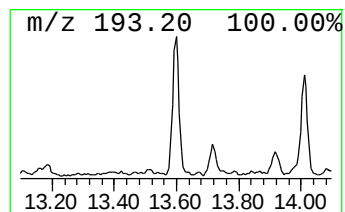
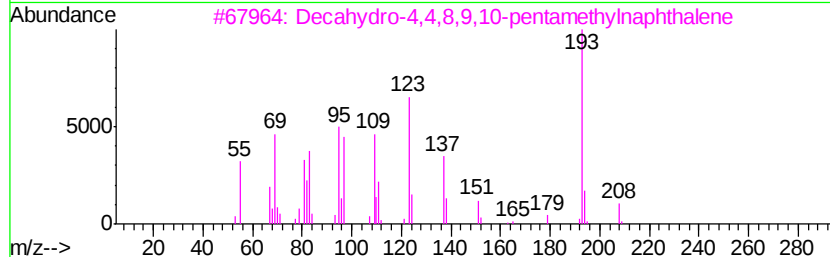
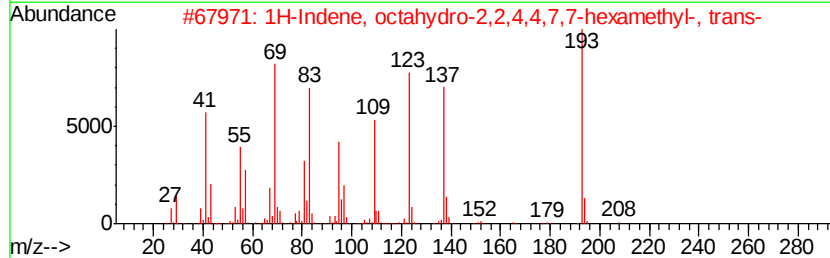
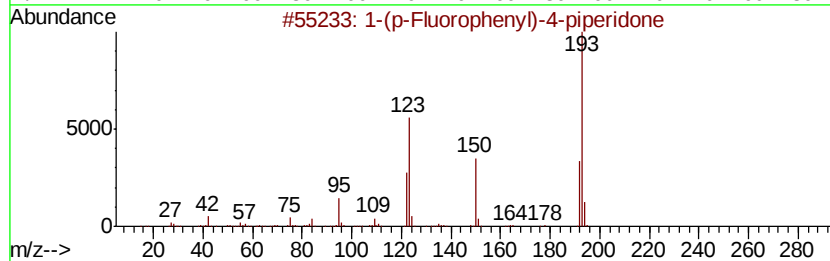
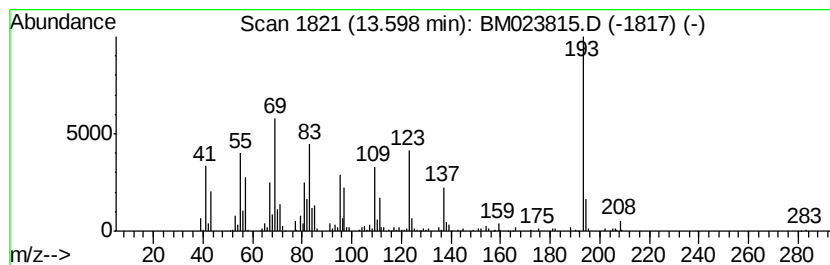
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.06 ng/ul	419775	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	47
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4			2-Anthracenamine	193	C14H11N	000613-13-8	27
5			n-Nonenylsuccinic anhydride	224	C13H20O3	028928-97-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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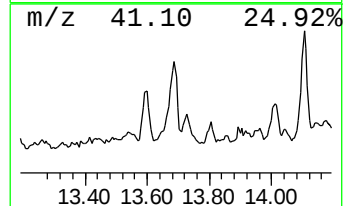
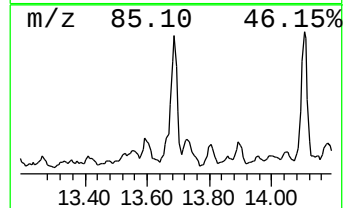
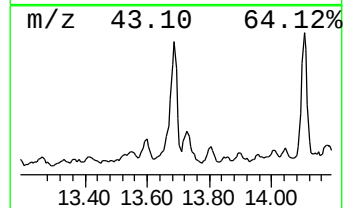
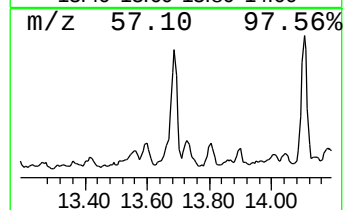
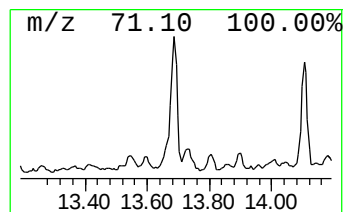
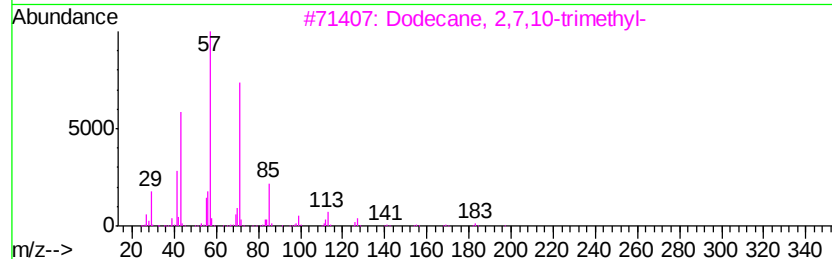
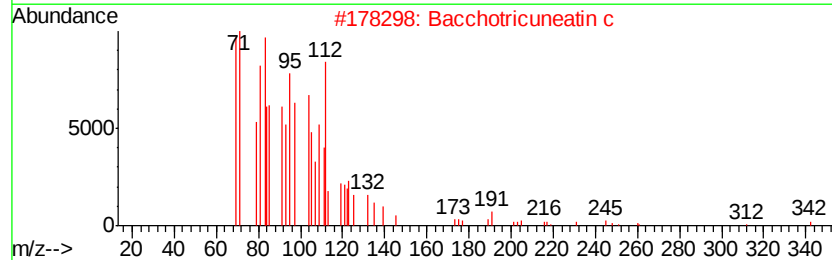
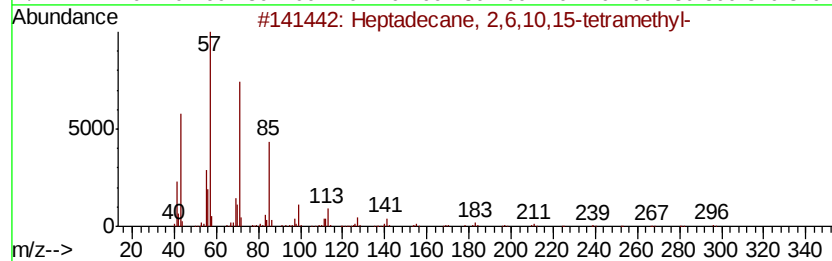
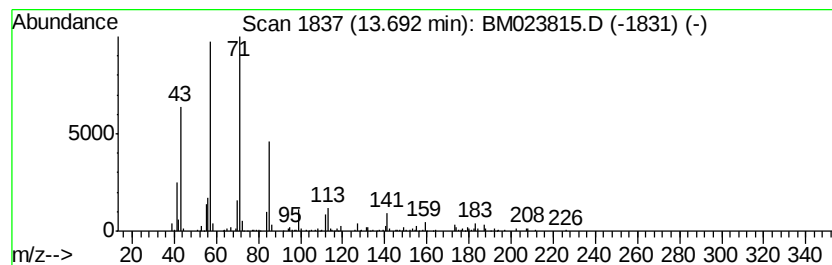
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.31 ng/ul	470595	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53
5			Tridecane	184	C13H28	000629-50-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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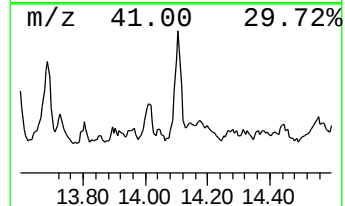
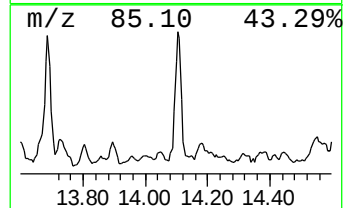
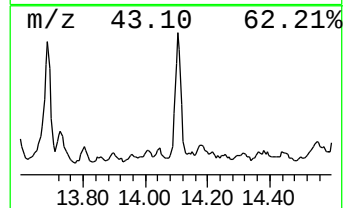
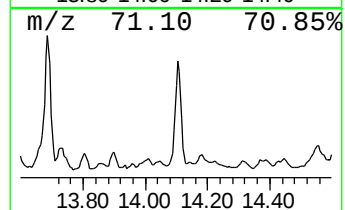
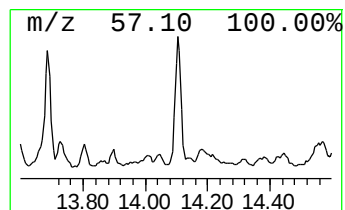
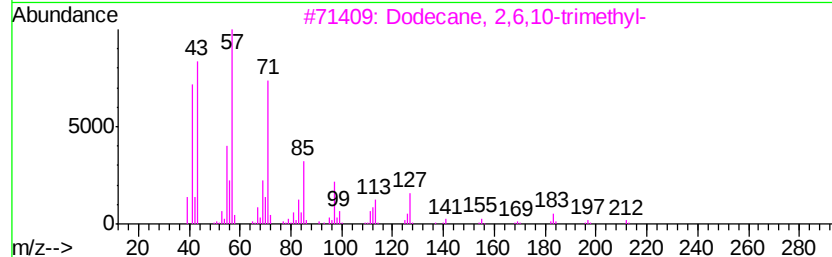
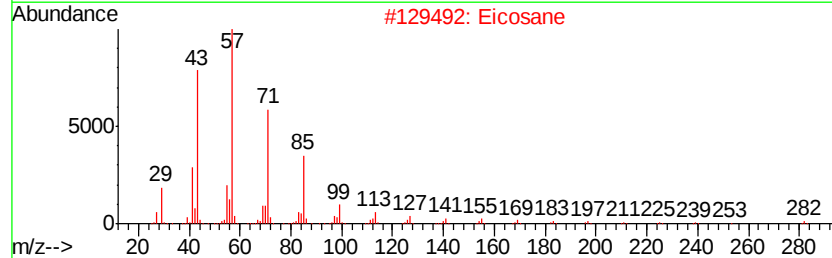
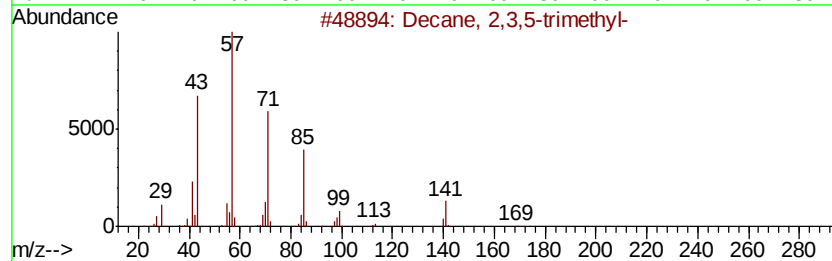
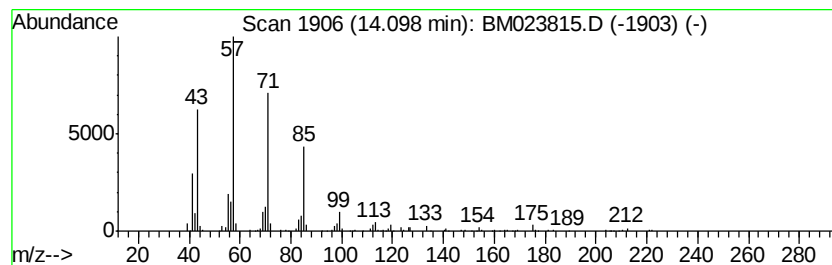
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.33 ng/ul	475482	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Eicosane	282	C20H42	000112-95-8	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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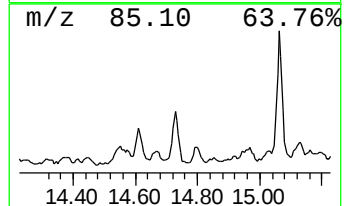
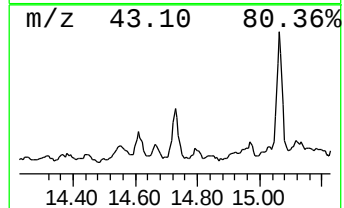
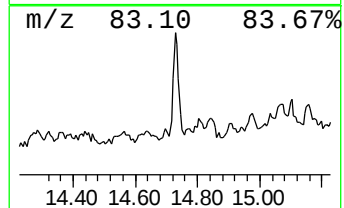
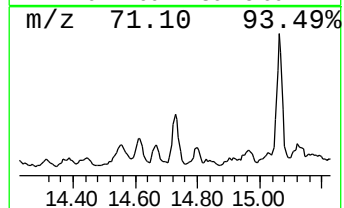
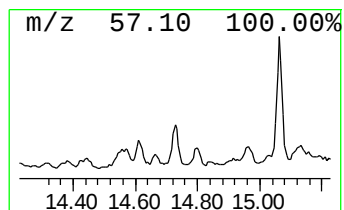
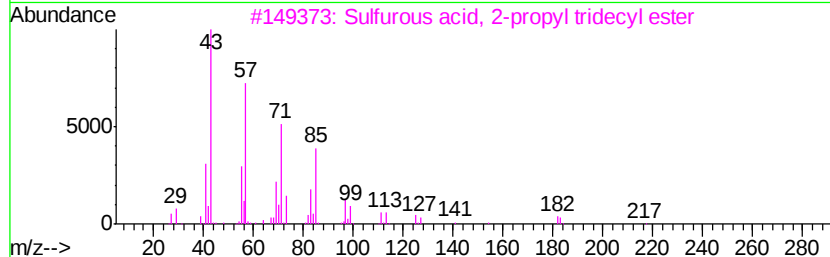
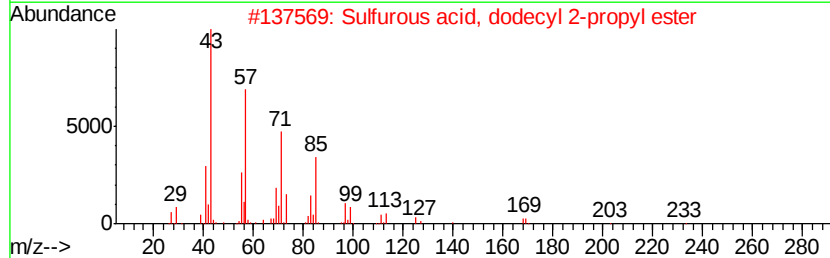
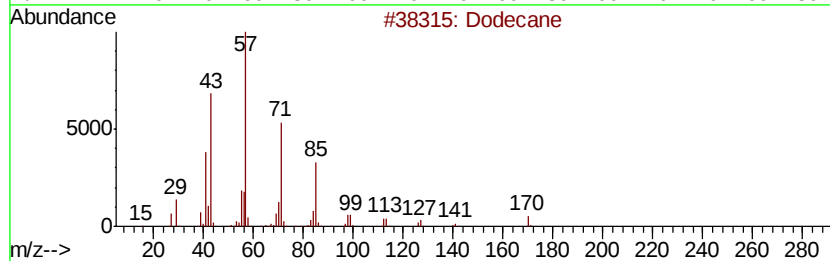
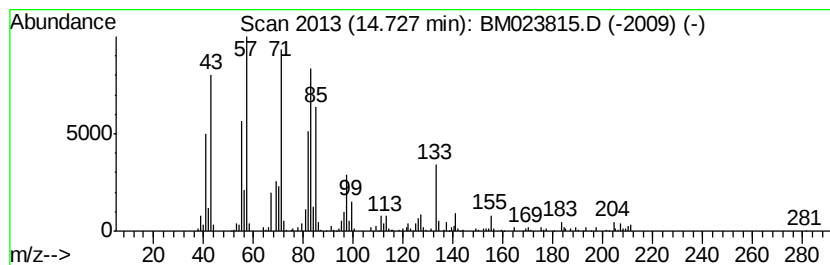
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.14 ng/ul	436762	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	46
2			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	46
3			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	46
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	42
5			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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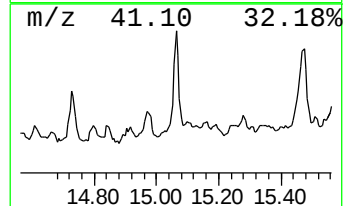
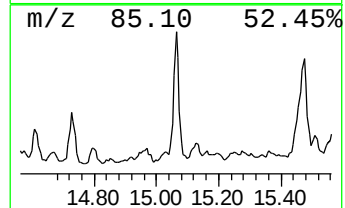
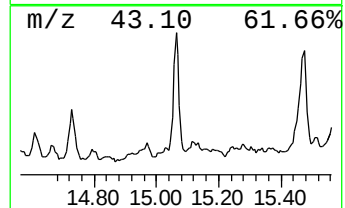
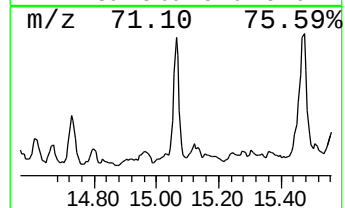
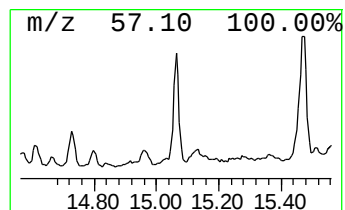
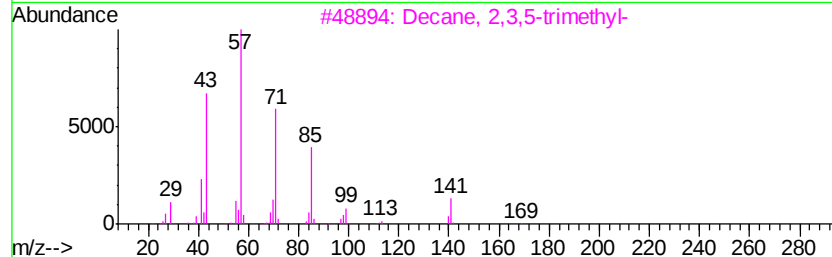
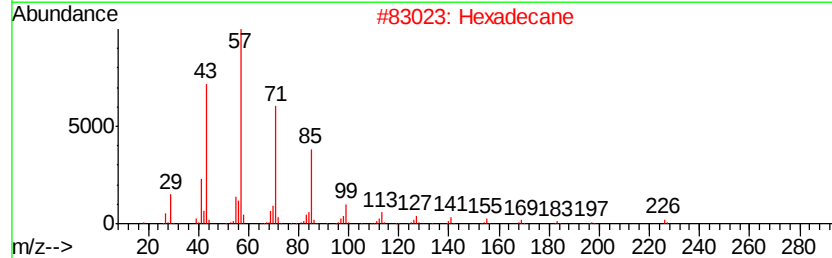
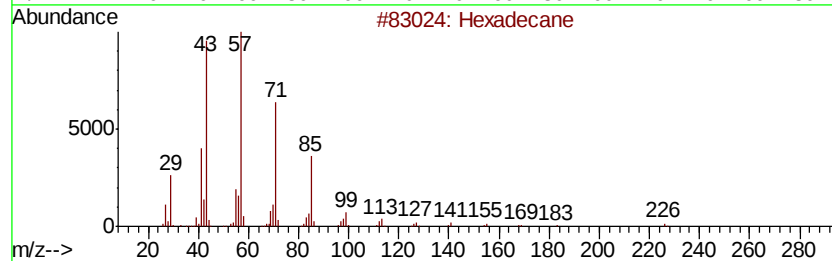
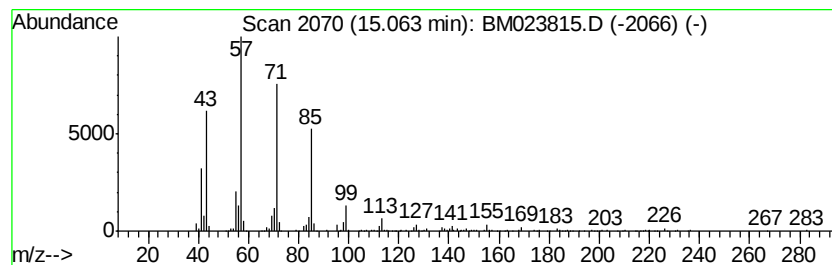
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.96 ng/ul	604669	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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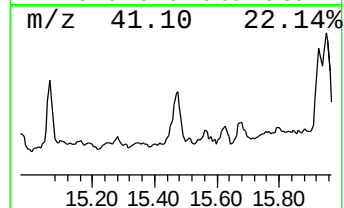
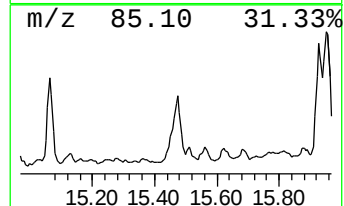
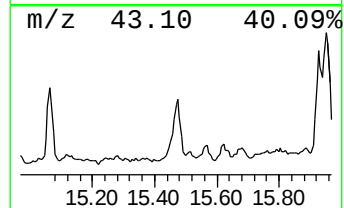
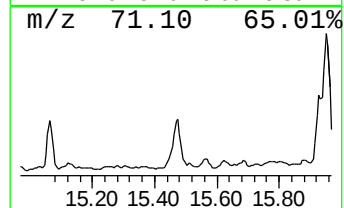
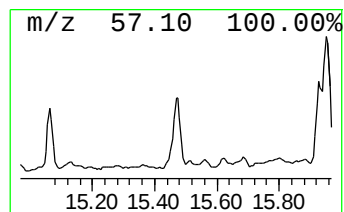
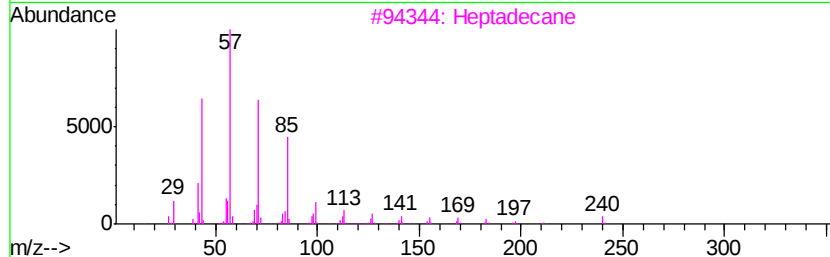
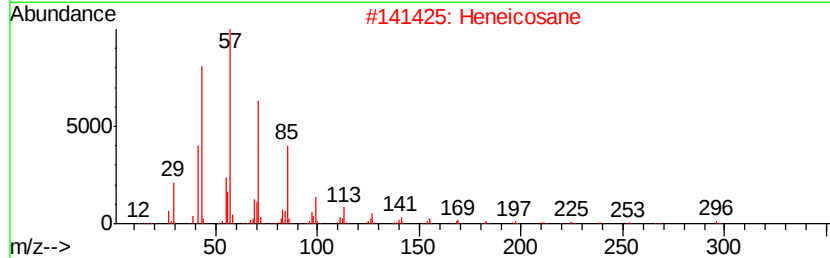
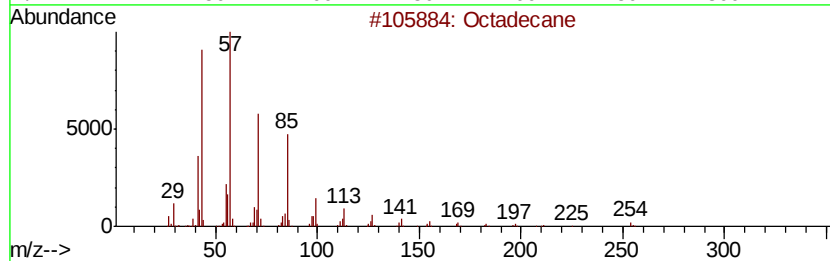
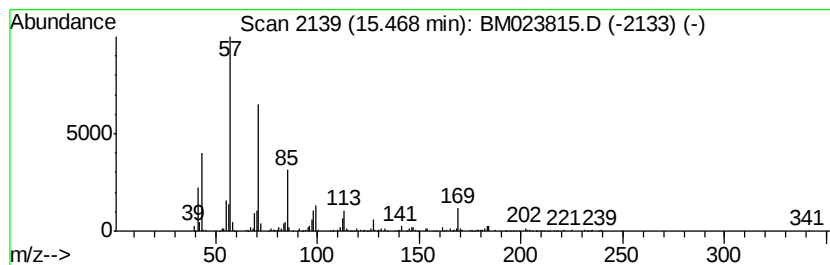
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.75 ng/ul	969602	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	80
2		Heneicosane	296	C21H44	000629-94-7	80
3		Heptadecane	240	C17H36	000629-78-7	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Hexadecane	226	C16H34	000544-76-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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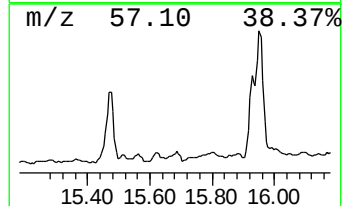
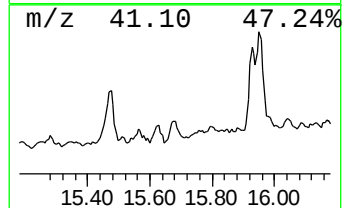
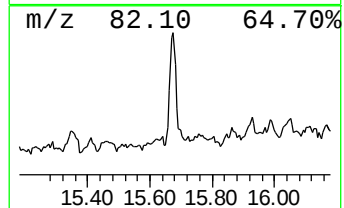
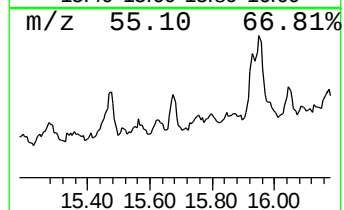
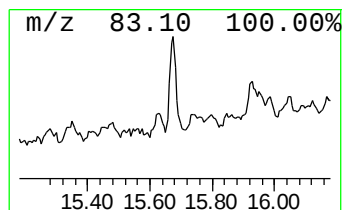
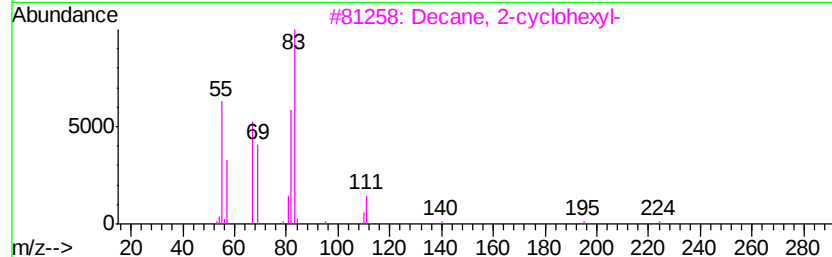
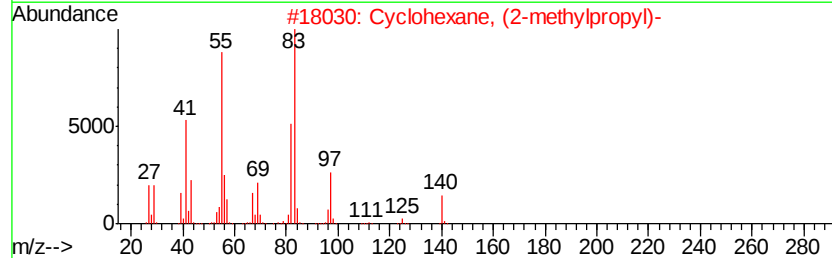
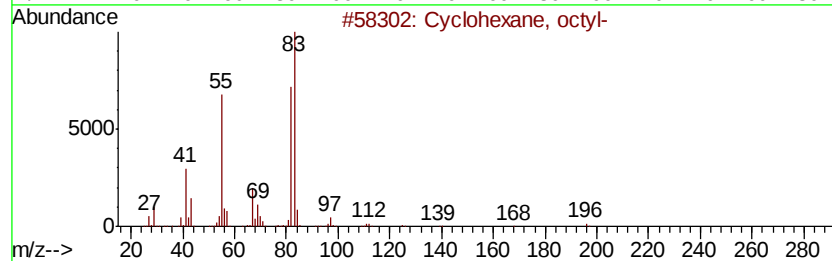
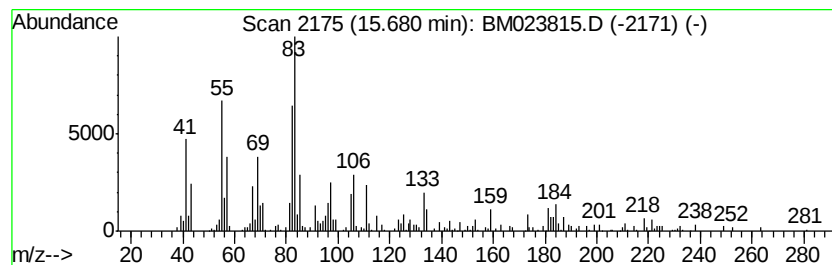
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic15.68 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.05 ng/ul	387186	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3		Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	43
4		Heptylcyclohexane	182	C13H26	005617-41-4	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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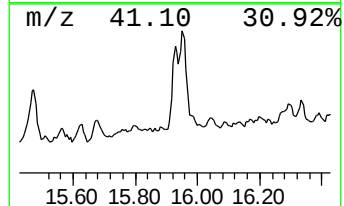
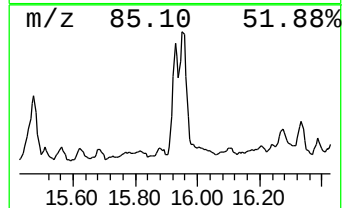
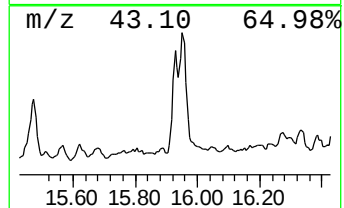
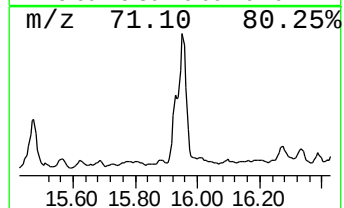
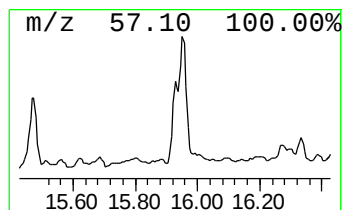
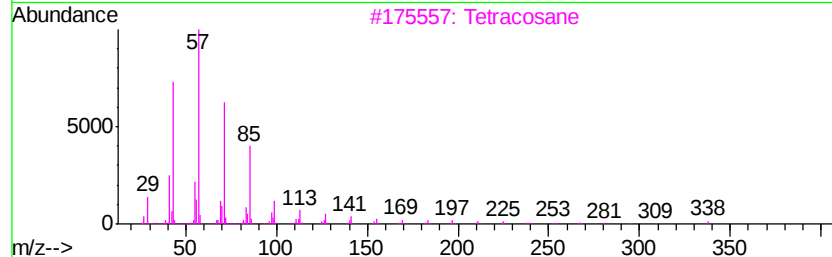
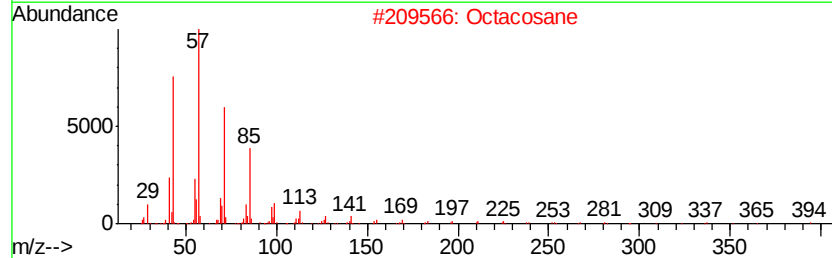
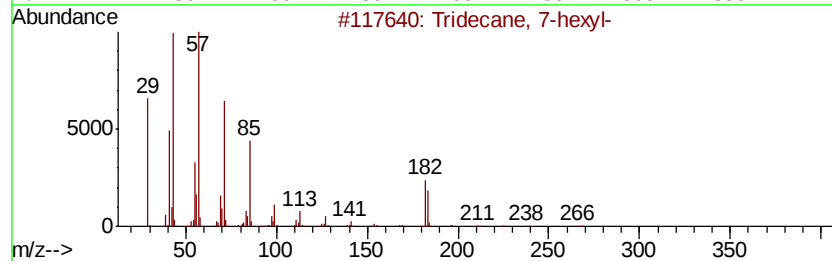
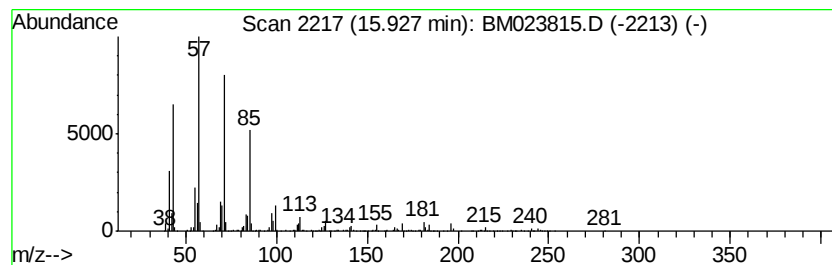
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	5.68 ng/ul	1075050	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
2			Octacosane	394	C28H58	000630-02-4	86
3			Tetracosane	338	C24H50	000646-31-1	86
4			Heptadecane	240	C17H36	000629-78-7	80
5			Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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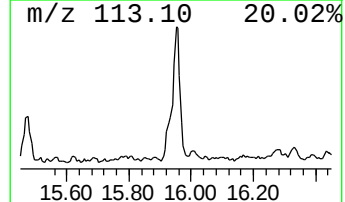
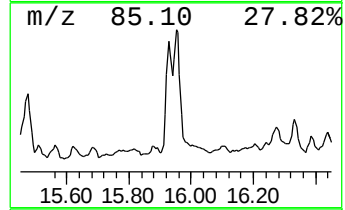
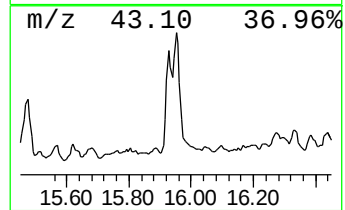
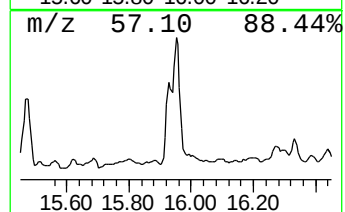
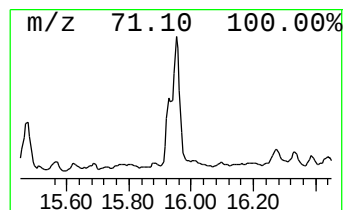
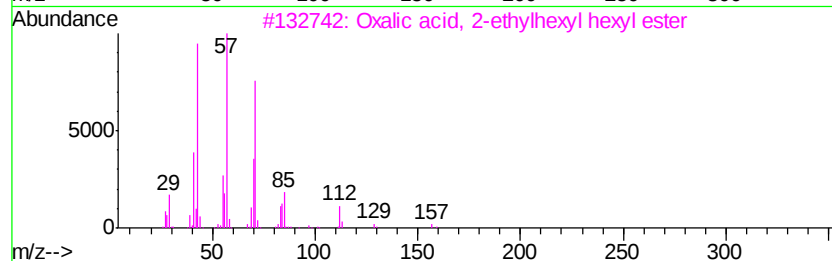
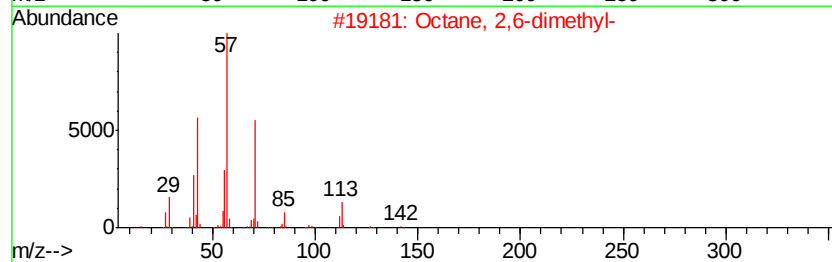
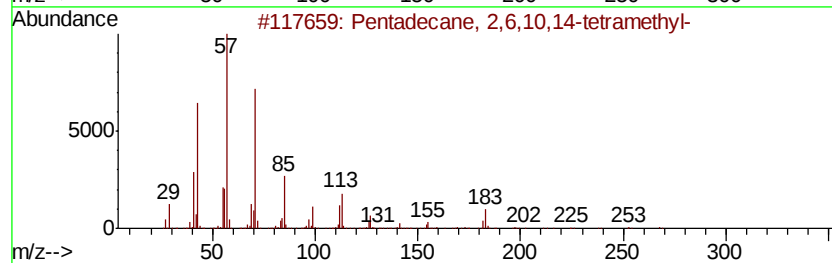
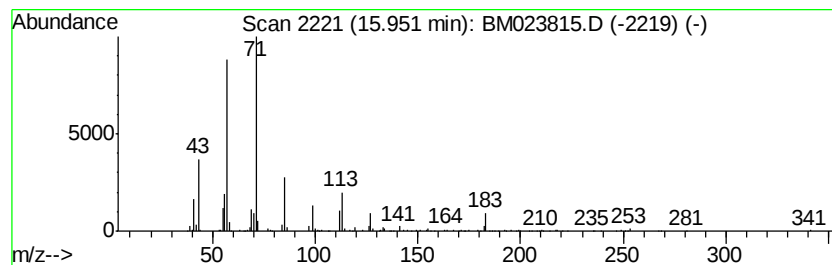
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	6.25 ng/ul	1181990	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	53
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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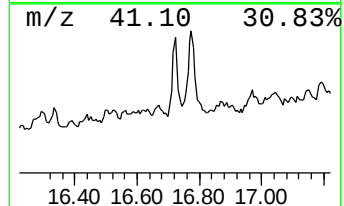
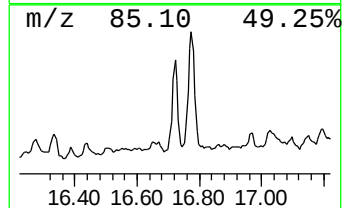
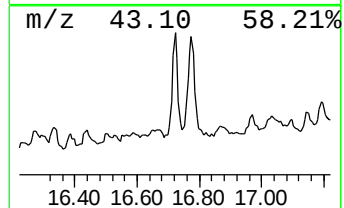
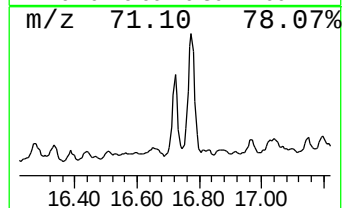
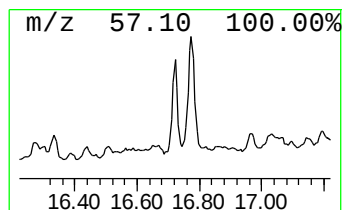
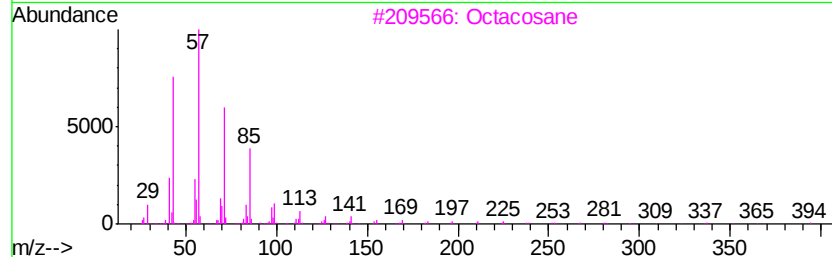
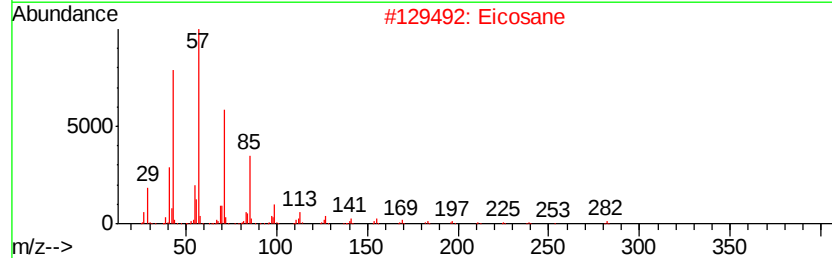
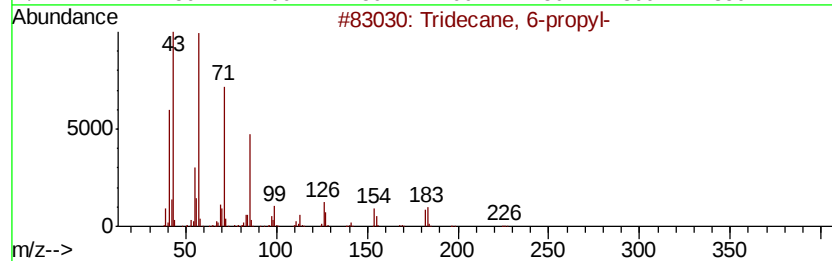
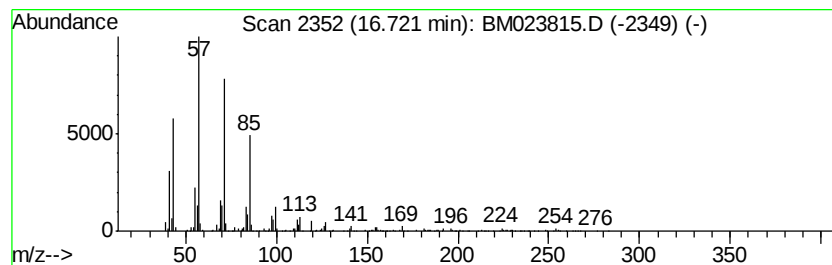
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.34 ng/ul	821433	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2			Eicosane	282	C20H42	000112-95-8	86
3			Octacosane	394	C28H58	000630-02-4	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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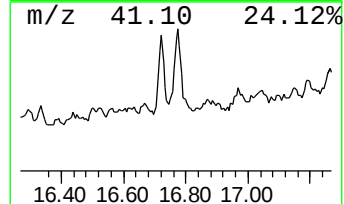
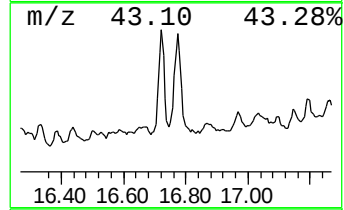
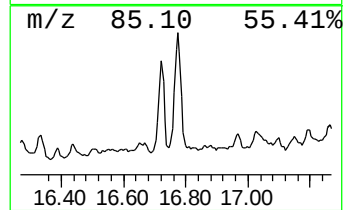
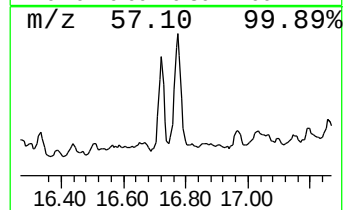
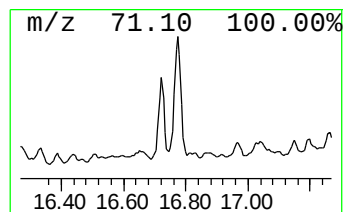
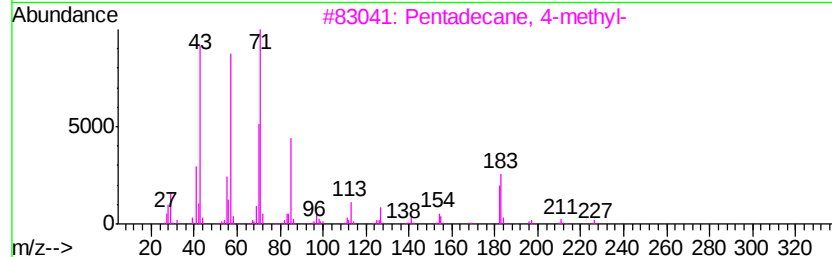
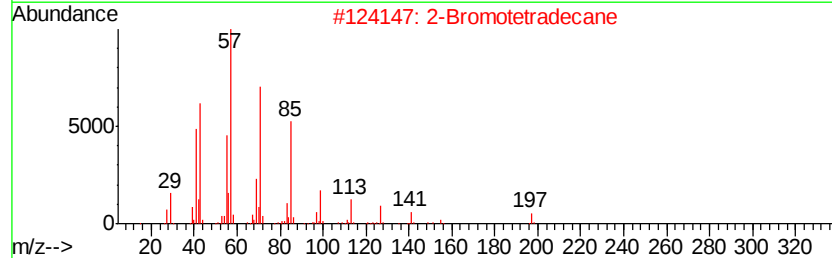
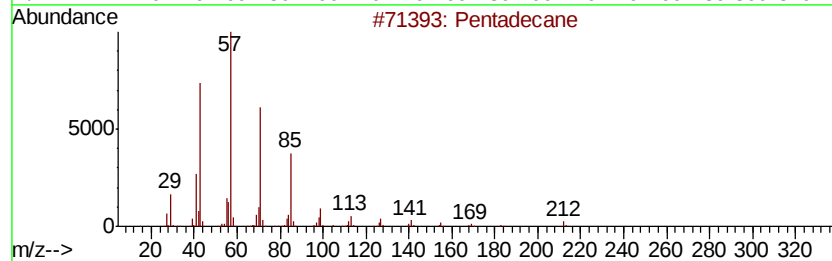
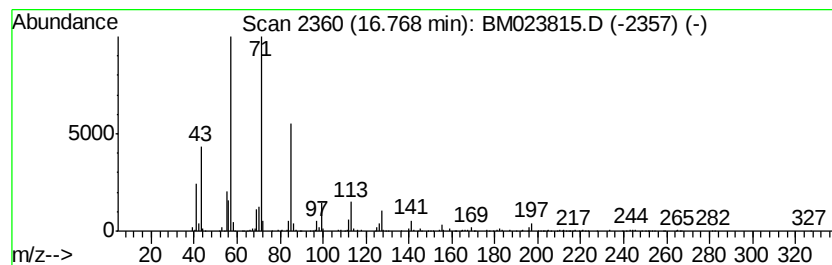
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.53 ng/ul	1236490	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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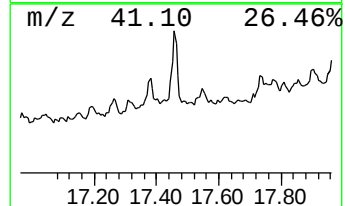
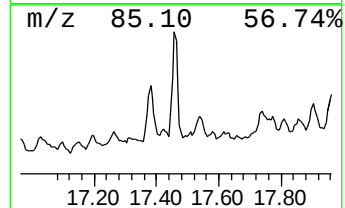
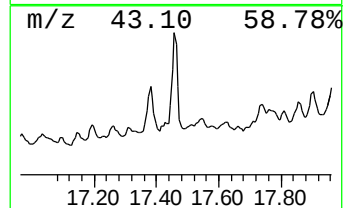
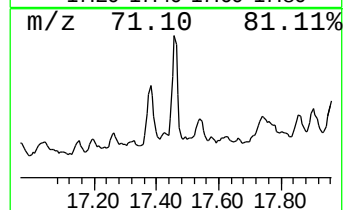
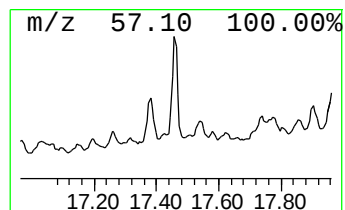
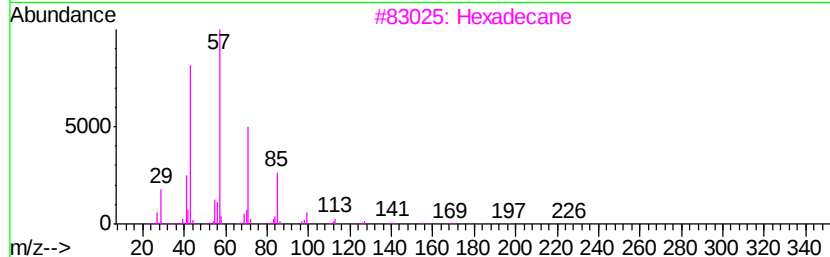
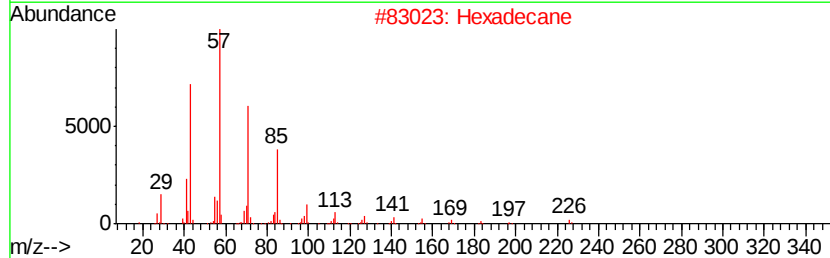
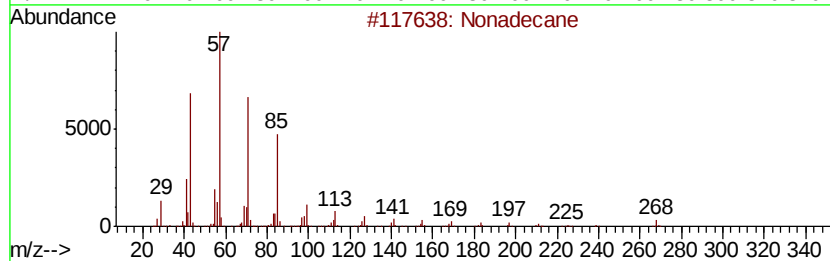
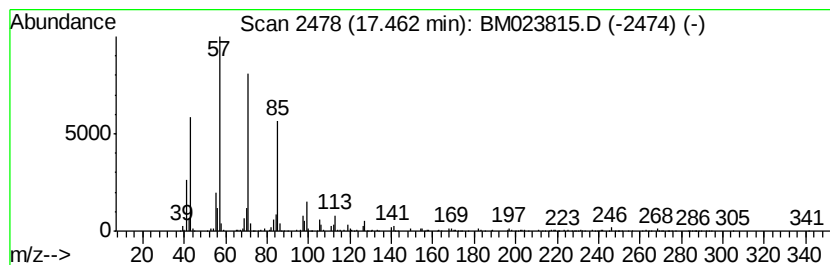
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	6.08 ng/ul	1149990	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
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Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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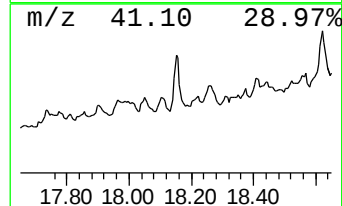
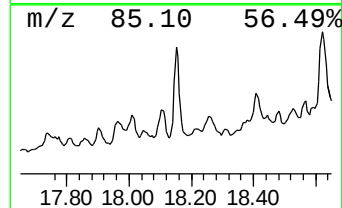
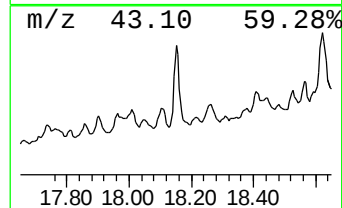
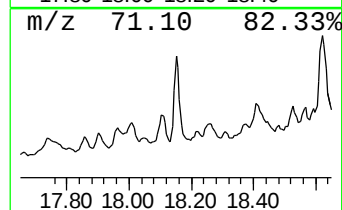
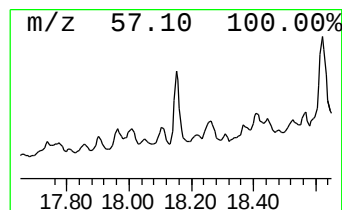
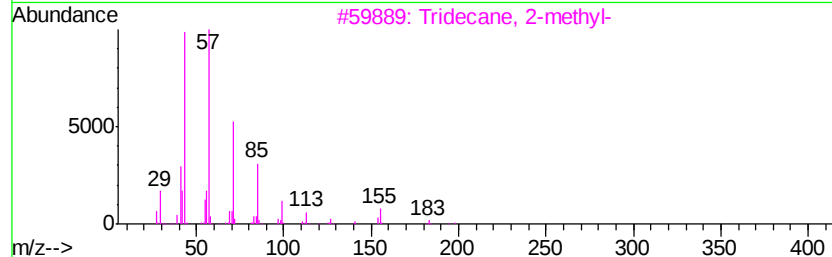
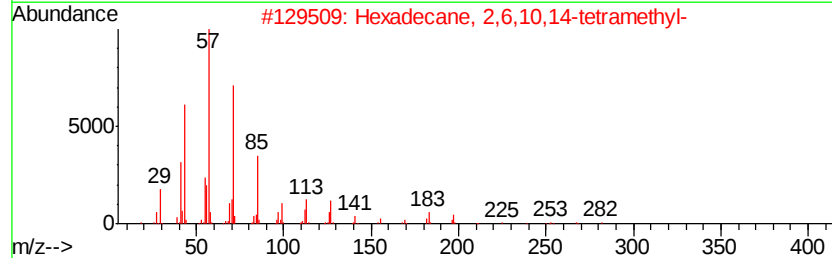
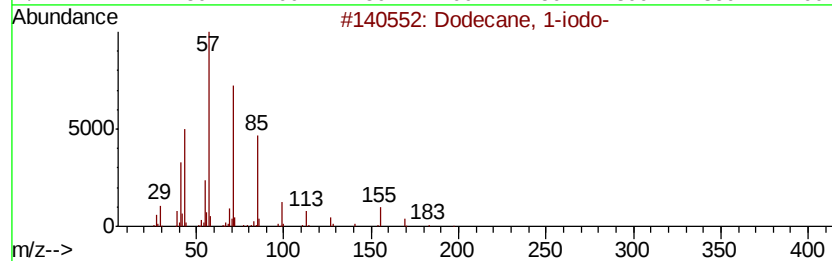
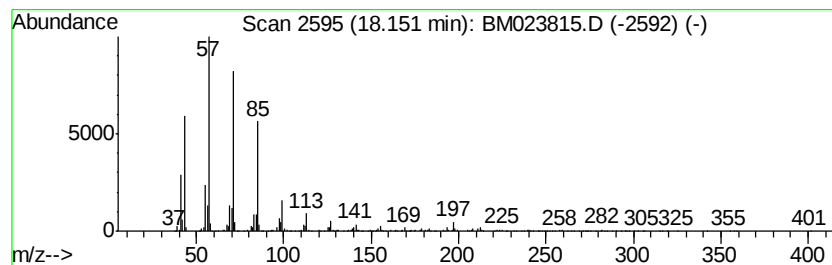
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Dodecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	9.23 ng/ul	1746320	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5		Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

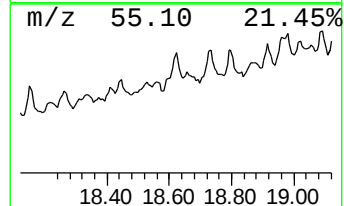
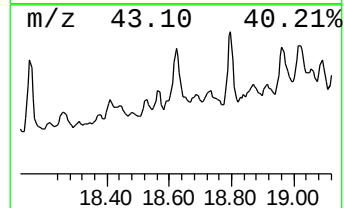
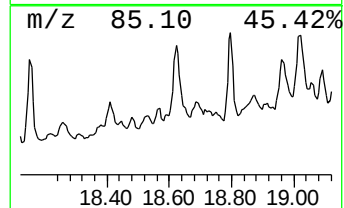
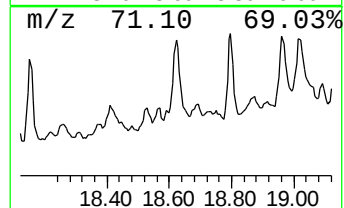
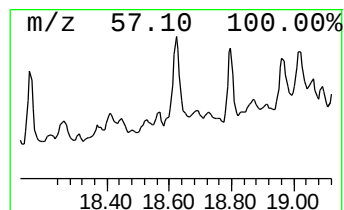
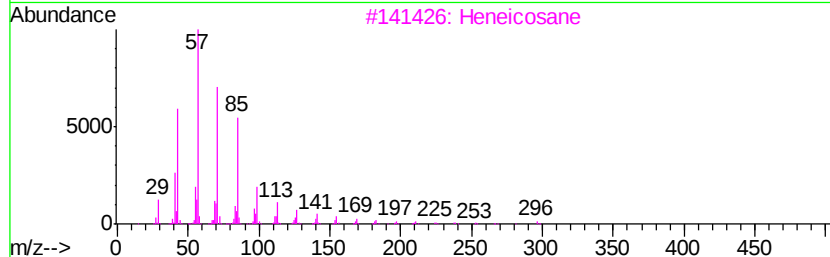
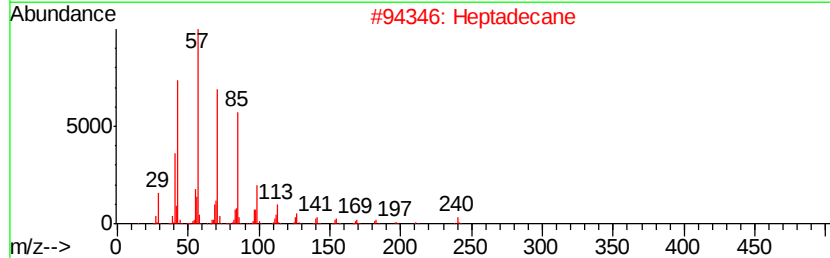
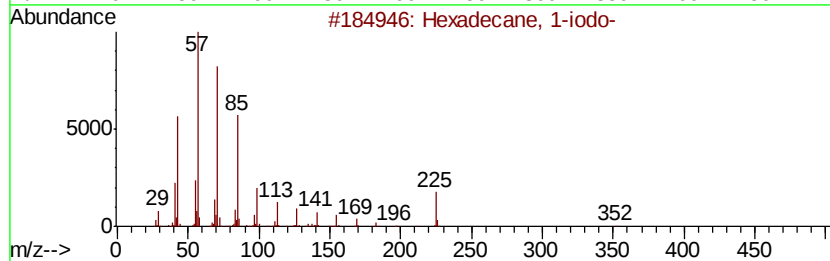
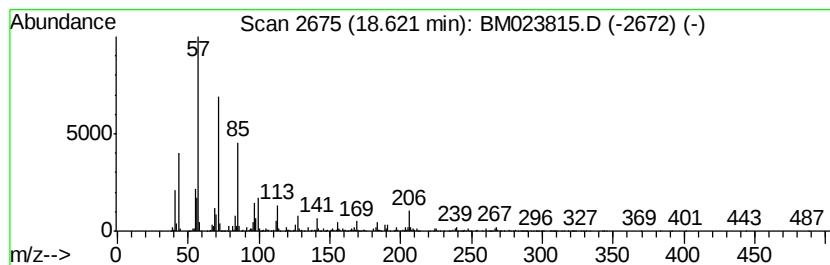
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	8.67 ng/ul	1641560	Phenanthrene-d10	16.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
2	Heptadecane	240	C17H36	000629-78-7	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023815.D
Acq On : 20 Nov 2019 02:42
Operator : JU
Sample : K5847-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPT9

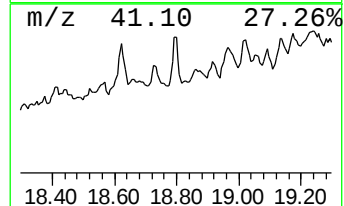
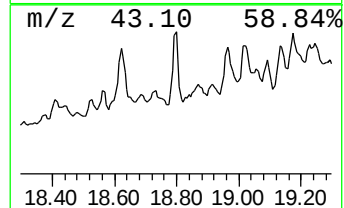
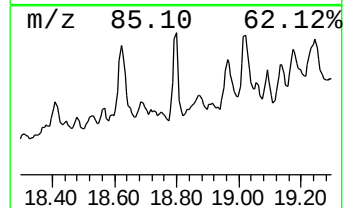
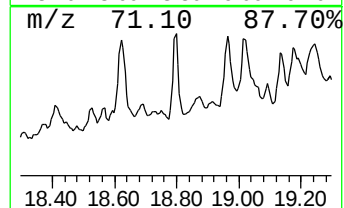
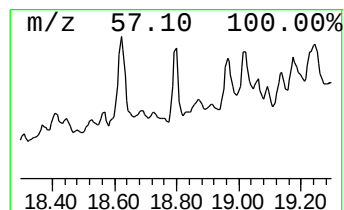
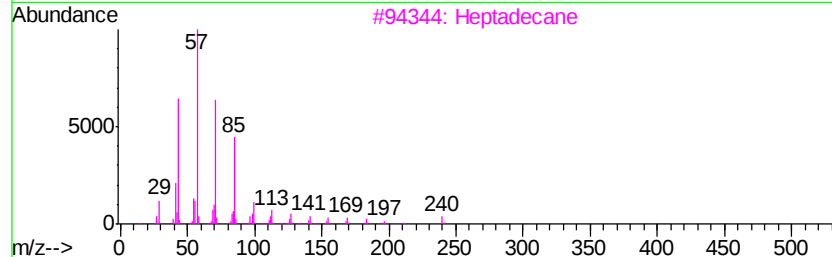
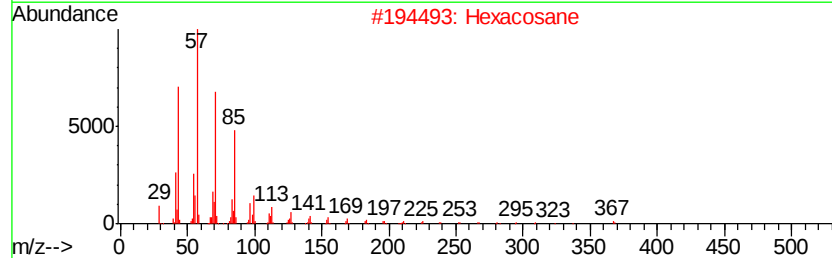
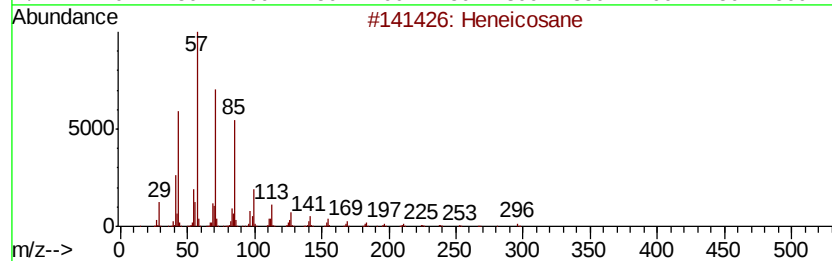
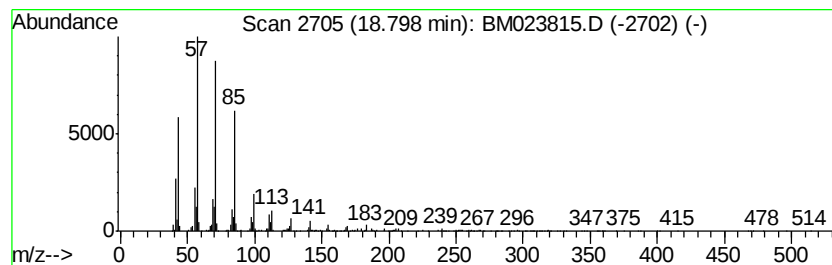
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	7.42 ng/ul	1405020	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111919\
 Data File : BM023815.D
 Acq On : 20 Nov 2019 02:42
 Operator : JU
 Sample : K5847-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.98	4.8	ng/ul	661174	1	7.52	2738350	20.0
(DEL) Alkane: Str...	8.06	2.3	ng/ul	311890	1	7.52	2738350	20.0
Benzene, 2-ethyl-...	8.62	2.4	ng/ul	330853	1	7.52	2738350	20.0
(DEL) Alkane: Str...	8.75	3.2	ng/ul	436044	1	7.52	2738350	20.0
(DEL) Alkane: Cyc...	8.87	2.9	ng/ul	392673	1	7.52	2738350	20.0
(DEL) Alkane: Str...	10.48	2.1	ng/ul	405671	2	10.29	3768520	20.0
(DEL) Alkane: Str...	11.34	4.0	ng/ul	746165	2	10.29	3768520	20.0
(DEL) Alkane: Str...	11.75	4.1	ng/ul	774034	2	10.29	3768520	20.0
(DEL) Alkane: Str...	12.73	2.2	ng/ul	441994	3	14.17	4081070	20.0
(DEL) Alkane: Str...	13.02	2.3	ng/ul	459490	3	14.17	4081070	20.0
unknown-01	13.60	2.1	ng/ul	419775	3	14.17	4081070	20.0
(DEL) Alkane: Str...	13.69	2.3	ng/ul	470595	3	14.17	4081070	20.0
(DEL) Alkane: Str...	14.10	2.3	ng/ul	475482	3	14.17	4081070	20.0
(DEL) Alkane: Str...	14.73	2.1	ng/ul	436762	3	14.17	4081070	20.0
(DEL) Alkane: Str...	15.06	3.0	ng/ul	604669	3	14.17	4081070	20.0
(DEL) Alkane: Str...	15.47	4.8	ng/ul	969602	3	14.17	4081070	20.0
(DEL) Alkane: Cyc...	15.68	2.0	ng/ul	387186	4	16.93	3784840	20.0
(DEL) Alkane: Str...	15.93	5.7	ng/ul	1075050	4	16.93	3784840	20.0
(DEL) Alkane: Str...	15.95	6.3	ng/ul	1181990	4	16.93	3784840	20.0
(DEL) Alkane: Str...	16.72	4.3	ng/ul	821433	4	16.93	3784840	20.0
(DEL) Alkane: Str...	16.77	6.5	ng/ul	1236490	4	16.93	3784840	20.0
(DEL) Alkane: Str...	17.46	6.1	ng/ul	1149990	4	16.93	3784840	20.0
Dodecane, 1-iodo-	18.15	9.2	ng/ul	1746320	4	16.93	3784840	20.0
Hexadecane, 1-iodo-	18.62	8.7	ng/ul	1641560	4	16.93	3784840	20.0
(DEL) Alkane: Str...	18.80	7.4	ng/ul	1405020	4	16.93	3784840	20.0