

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021296.D
 Acq On : 30 Jun 2019 13:32
 Operator : HP/JU
 Sample : K3590-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB2

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	12	rVB	3455990	3844809	10.06%	1.173%
2	4.404	236	241	246	rVB	473950	649264	1.70%	0.198%
3	5.275	385	389	400	rVB	195417	309085	0.81%	0.094%
4	6.434	580	586	594	rVB	607226	903106	2.36%	0.276%
5	6.810	641	650	653	rVV	188791	420799	1.10%	0.128%
6	6.857	653	658	664	rVV	365912	519022	1.36%	0.158%
7	6.934	664	671	682	rVB	1051145	1765159	4.62%	0.539%
8	7.098	694	699	708	rVV	777441	1199836	3.14%	0.366%
9	7.187	708	714	726	rVB	244324	522884	1.37%	0.160%
10	7.292	726	732	740	rBV	1137708	1739350	4.55%	0.531%
11	7.757	804	811	817	rBV	1282572	1977046	5.17%	0.603%
12	8.345	899	911	918	rBV4	80786	212493	0.56%	0.065%
13	8.463	925	931	942	rVB	1171452	1973115	5.16%	0.602%
14	8.922	1002	1009	1018	rBV	1032735	1760949	4.61%	0.537%
15	9.281	1063	1070	1075	rBV	245090	370207	0.97%	0.113%
16	9.633	1120	1130	1144	rBV	889006	1511630	3.96%	0.461%
17	9.857	1162	1168	1179	rVB5	130505	333303	0.87%	0.102%
18	10.169	1214	1221	1238	rVB	1469750	2535031	6.63%	0.774%
19	10.545	1278	1285	1291	rBV	1732580	2919737	7.64%	0.891%
20	10.692	1305	1310	1317	rVB	128646	241922	0.63%	0.074%
21	11.769	1489	1493	1500	rVB	146766	230634	0.60%	0.070%
22	12.739	1651	1658	1670	rVV3	113658	260435	0.68%	0.079%
23	12.992	1693	1701	1706	rBV2	134927	218124	0.57%	0.067%
24	13.263	1741	1747	1754	rBV5	142813	339735	0.89%	0.104%
25	13.704	1818	1822	1830	rVB4	172810	279886	0.73%	0.085%
26	13.816	1830	1841	1845	rBV	2433962	3682783	9.64%	1.124%
27	13.863	1845	1849	1854	rVV	553743	766383	2.01%	0.234%
28	14.092	1882	1888	1895	rVV	2800057	4249549	11.12%	1.297%
29	14.404	1934	1941	1946	rVV2	2465490	3923497	10.27%	1.197%
30	14.457	1946	1950	1963	rVB3	208103	476885	1.25%	0.146%
31	14.627	1970	1979	1989	rBV2	881428	1887347	4.94%	0.576%
32	14.821	2007	2012	2016	rBV2	219359	271962	0.71%	0.083%
33	15.310	2087	2095	2098	rBV2	220659	353976	0.93%	0.108%
34	15.398	2104	2110	2116	rVV	3709799	5387791	14.10%	1.644%

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 Title : SVOA CALIBRATION

35	15.527	2127	2132	2139	rBV	488712	715265	1.87%	0.218%
36	15.962	2199	2206	2212	rVB3	410300	665132	1.74%	0.203%
37	16.109	2226	2231	2240	rVV7	110185	286247	0.75%	0.087%
38	16.257	2251	2256	2261	rBV4	153720	294516	0.77%	0.090%
39	16.474	2289	2293	2297	rVV	150291	216333	0.57%	0.066%
40	16.551	2301	2306	2310	rBV	541404	730353	1.91%	0.223%
41	16.651	2319	2323	2334	rVB	233661	370166	0.97%	0.113%
42	16.804	2346	2349	2358	rVB2	115586	201658	0.53%	0.062%
43	16.904	2359	2366	2373	rBV6	182007	503317	1.32%	0.154%
44	16.968	2373	2377	2383	rVB3	184400	323986	0.85%	0.099%
45	17.045	2386	2390	2397	rBV	669398	972772	2.55%	0.297%
46	17.109	2397	2401	2404	rBV	340751	443038	1.16%	0.135%
47	17.151	2404	2408	2412	rVV2	2648740	3813770	9.98%	1.164%
48	17.192	2412	2415	2419	rVV	811961	1135926	2.97%	0.347%
49	17.251	2419	2425	2431	rVV	3087906	4866549	12.73%	1.485%
50	17.309	2431	2435	2447	rVB2	1272952	2046170	5.35%	0.624%
51	17.527	2468	2472	2476	rBV2	235134	347374	0.91%	0.106%
52	17.668	2492	2496	2502	rVB3	141730	205579	0.54%	0.063%
53	17.780	2511	2515	2518	rBV2	150508	207539	0.54%	0.063%
54	17.933	2534	2541	2546	rBV	1616779	2487593	6.51%	0.759%
55	17.992	2546	2551	2556	rVV	2170828	2976265	7.79%	0.908%
56	18.062	2556	2563	2570	rVV	7653930	11742746	30.72%	3.583%
57	18.221	2586	2590	2594	rBV3	142868	206248	0.54%	0.063%
58	18.315	2601	2606	2610	rBV2	1005631	1447463	3.79%	0.442%
59	18.533	2639	2643	2647	rVB2	190272	237476	0.62%	0.072%
60	18.662	2660	2665	2670	rVB	524537	735326	1.92%	0.224%
61	18.715	2670	2674	2680	rBV4	255320	420548	1.10%	0.128%
62	18.974	2713	2718	2727	rVB5	665315	1224039	3.20%	0.374%
63	19.056	2727	2732	2739	rBV	1761573	2511268	6.57%	0.766%
64	19.186	2749	2754	2755	rBV	2042983	2344077	6.13%	0.715%
65	19.215	2755	2759	2774	rVV2	5879499	11883924	31.09%	3.626%
66	19.333	2774	2779	2789	rVB	1778826	2629292	6.88%	0.802%
67	19.545	2810	2815	2819	rBV	3328612	5364998	14.04%	1.637%
68	19.574	2819	2820	2826	rVB	1689749	1566448	4.10%	0.478%
69	20.021	2892	2896	2900	rBV	2015386	2702033	7.07%	0.825%
70	20.180	2920	2923	2926	rVB2	276041	314710	0.82%	0.096%
71	20.227	2927	2931	2936	rVV5	982787	1282576	3.36%	0.391%

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72	20.415	2960	2963	2968	rVB2	529618	650639	1.70%	0.199%
73	20.574	2978	2990	3002	rBV2	17543272	38220543	100.00%	11.663%
74	20.909	3044	3047	3052	rBV4	531070	730212	1.91%	0.223%
75	21.039	3064	3069	3079	rVB4	2696661	3898896	10.20%	1.190%
76	21.203	3095	3097	3102	rVB2	341298	434045	1.14%	0.132%
77	21.339	3114	3120	3124	rBV2	3494835	5897313	15.43%	1.800%
78	21.374	3124	3126	3133	rVB	1218204	1542584	4.04%	0.471%
79	21.662	3173	3175	3178	rVB	481240	443773	1.16%	0.135%
80	21.921	3215	3219	3220	rBV2	900675	1130210	2.96%	0.345%
81	21.939	3220	3222	3232	rVB2	2371905	3037661	7.95%	0.927%
82	22.386	3295	3298	3302	rBV2	521508	691950	1.81%	0.211%
83	22.627	3333	3339	3356	rVB	8862079	12840660	33.60%	3.918%
84	22.903	3381	3386	3389	rBV	2707099	4456938	11.66%	1.360%
85	22.956	3389	3395	3405	rVB2	13376035	23841593	62.38%	7.275%
86	23.421	3471	3474	3477	rBV	420239	599240	1.57%	0.183%
87	23.474	3478	3483	3487	rVV	2868203	5138150	13.44%	1.568%
88	23.521	3488	3491	3501	rVV	1208915	3462859	9.06%	1.057%
89	23.615	3503	3507	3513	rVB	2010458	3687121	9.65%	1.125%
90	23.797	3533	3538	3547	rVB	3833939	6929755	18.13%	2.115%
91	24.132	3589	3595	3602	rVB	3842823	7589791	19.86%	2.316%
92	24.227	3603	3611	3623	rVB	10723120	22916082	59.96%	6.993%
93	24.891	3718	3724	3737	rVB4	1676862	4170623	10.91%	1.273%
94	25.350	3795	3802	3816	rVB	3323389	8460136	22.14%	2.582%
95	25.774	3867	3874	3879	rBV	1452021	3883952	10.16%	1.185%
96	25.926	3894	3900	3913	rVB3	1450714	4004736	10.48%	1.222%
97	26.062	3917	3923	3940	rVB6	1645385	5707004	14.93%	1.742%
98	26.703	4023	4032	4046	rVB	5039234	15522219	40.61%	4.737%
99	27.479	4157	4164	4174	rVB3	1884076	5794493	15.16%	1.768%
100	28.303	4293	4304	4321	rVB3	3664947	13559087	35.48%	4.138%

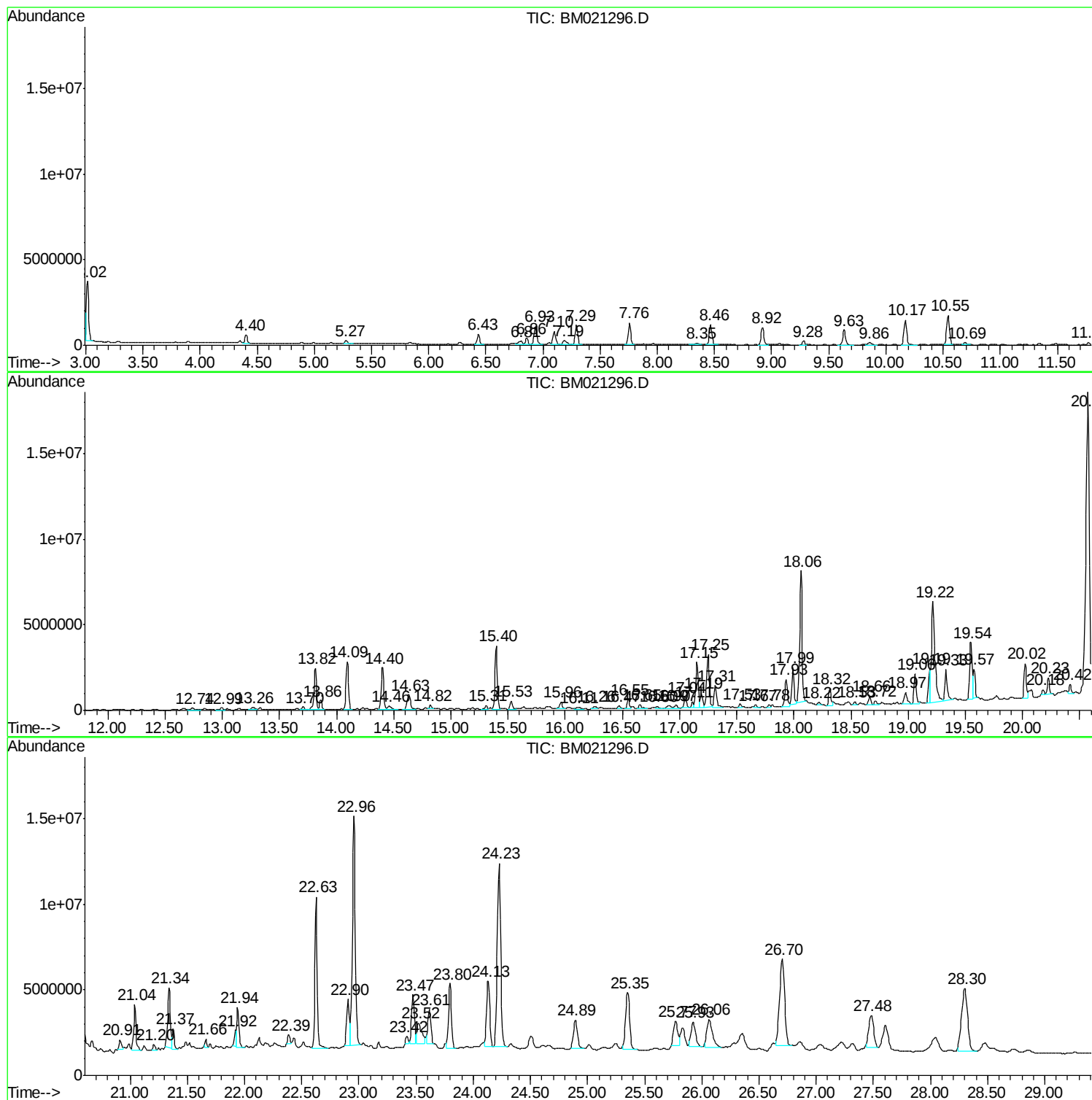
Sum of corrected areas: 327702719

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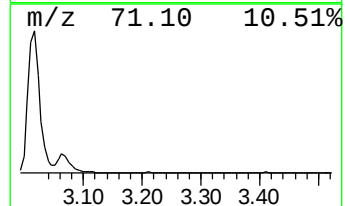
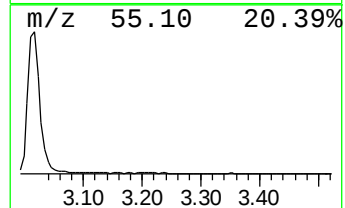
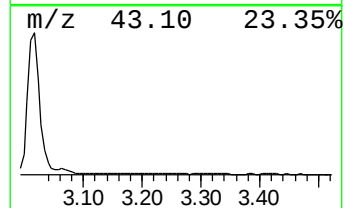
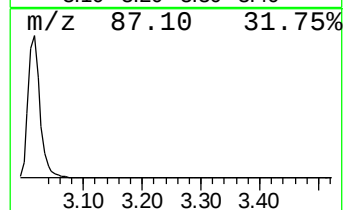
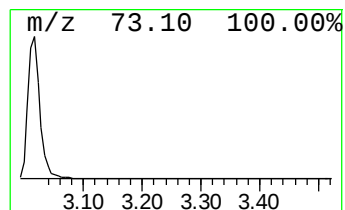
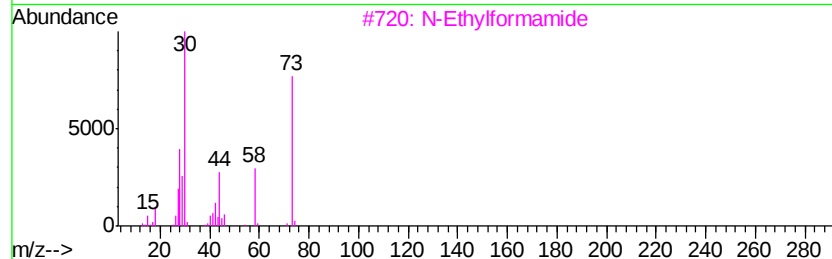
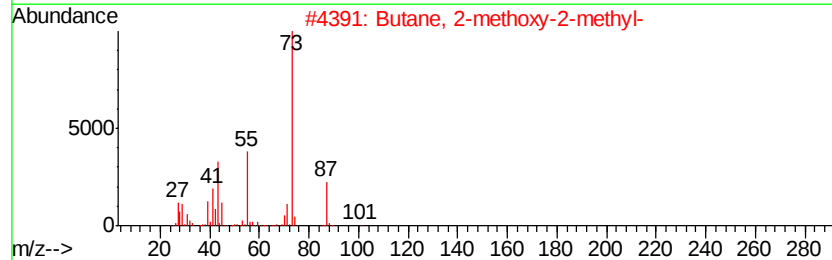
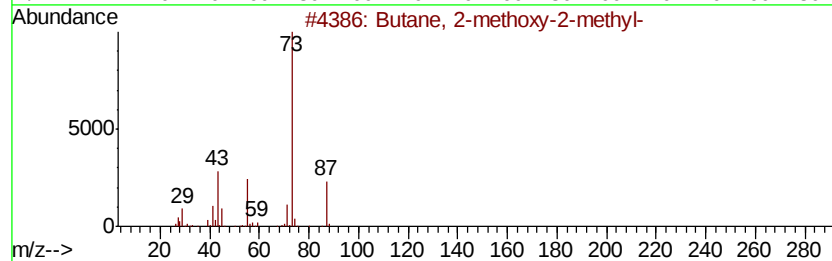
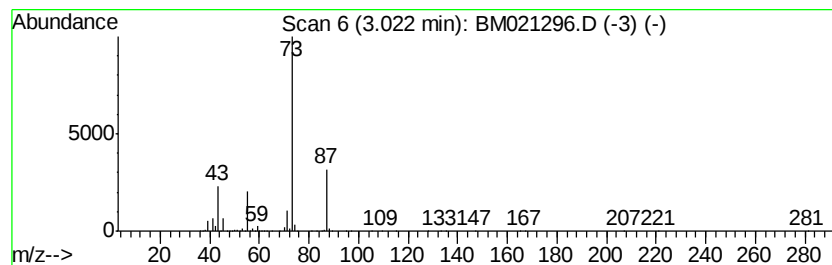
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	38.89 ng/ul	3844810	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	36
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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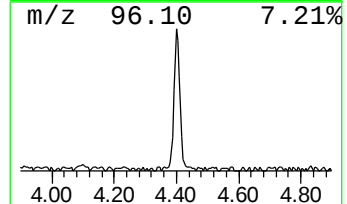
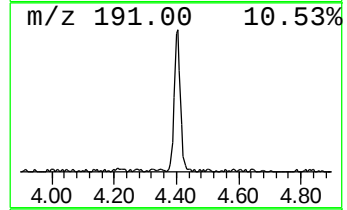
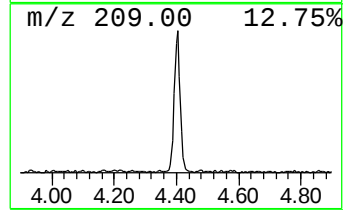
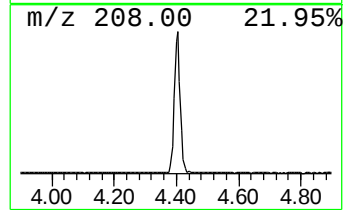
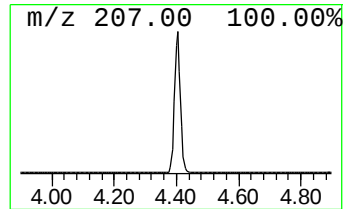
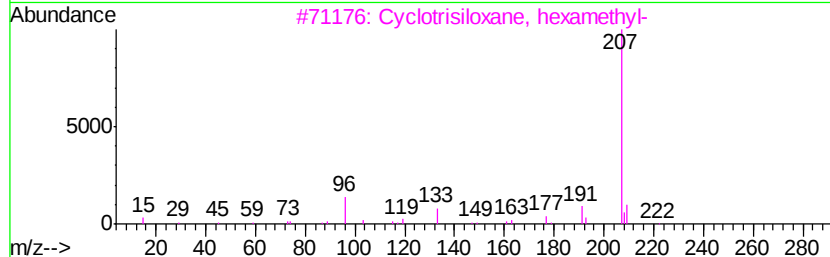
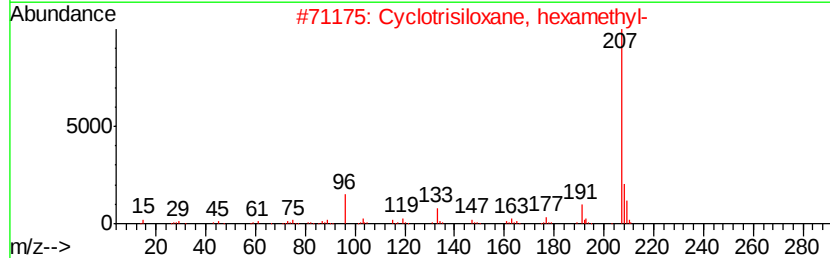
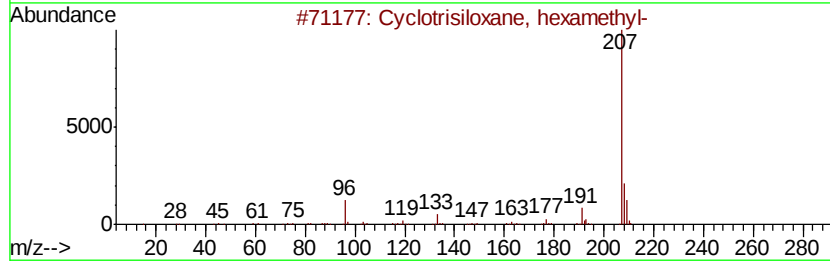
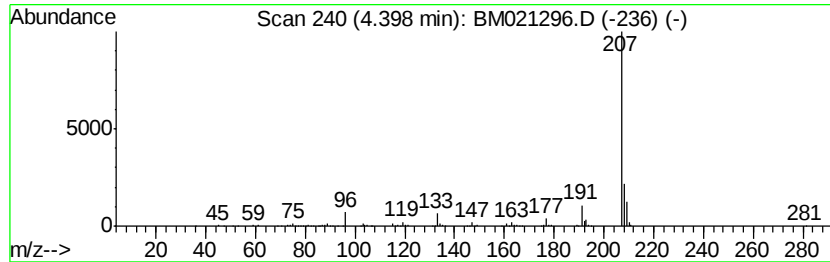
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.57 ng/ul	649264	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39



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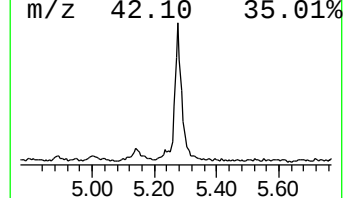
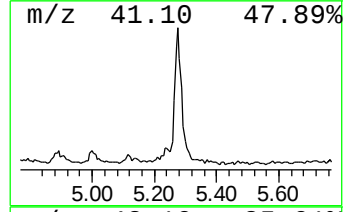
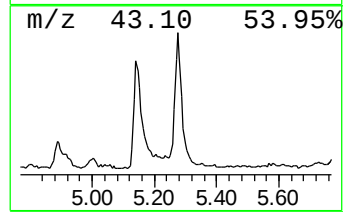
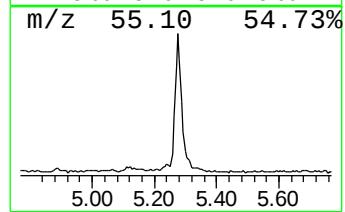
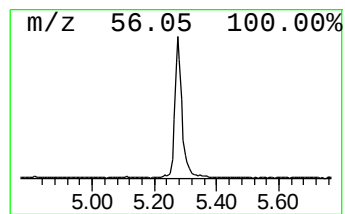
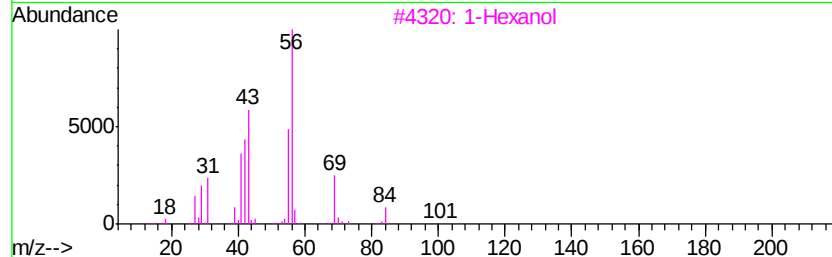
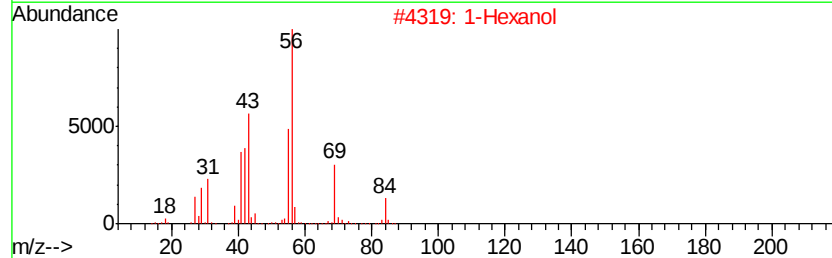
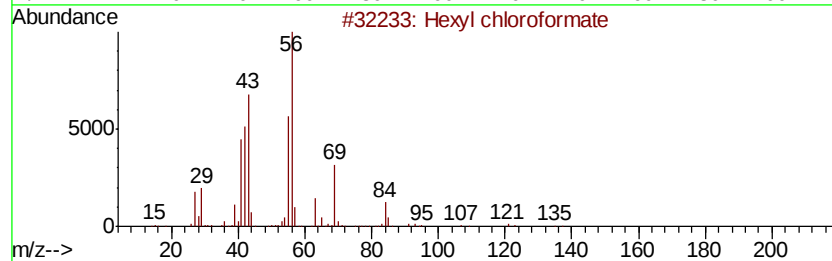
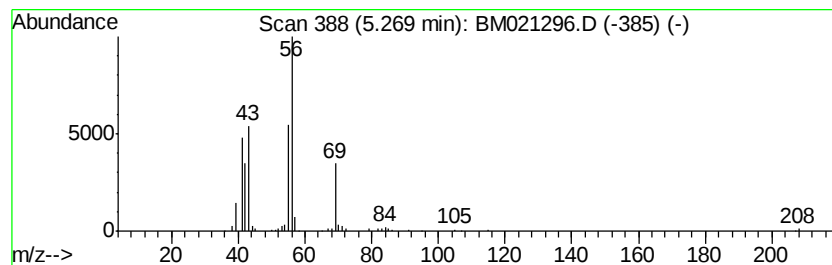
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexyl chloroformate Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.13 ng/ul	309085	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	83
2		1-Hexanol	102	C6H14O	000111-27-3	78
3		1-Hexanol	102	C6H14O	000111-27-3	78
4		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	72
5		1-Hexanol	102	C6H14O	000111-27-3	64



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Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
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ClientSampleId :
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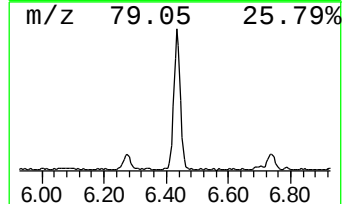
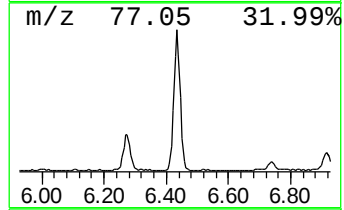
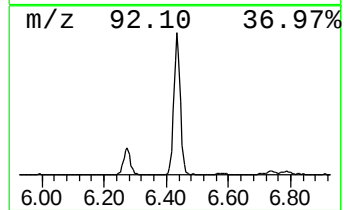
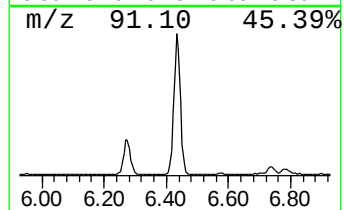
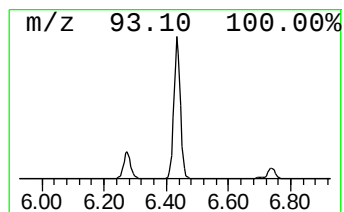
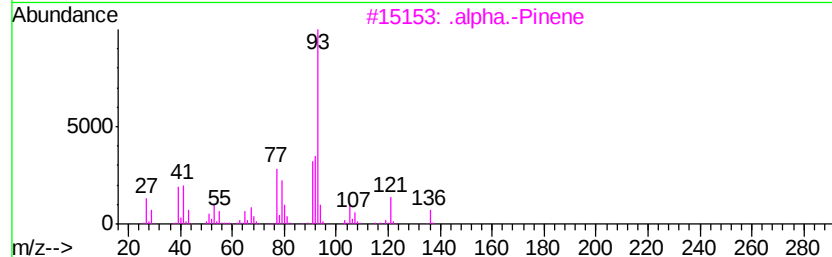
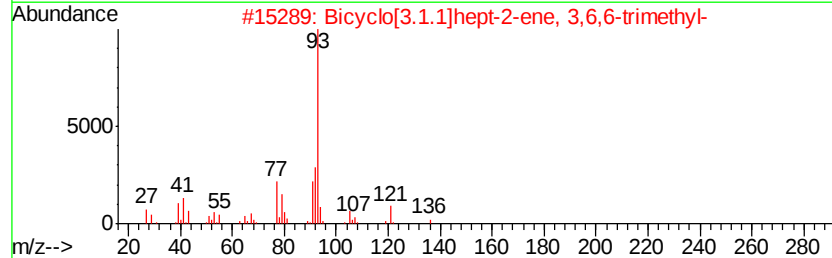
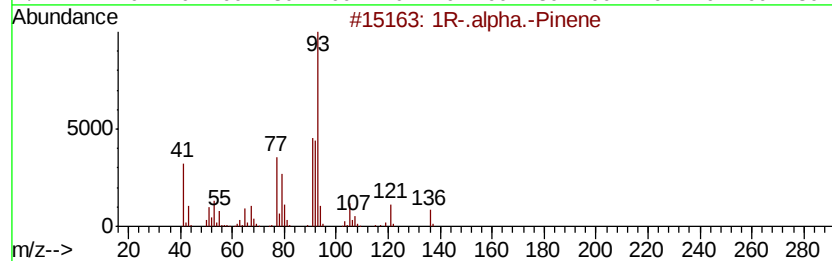
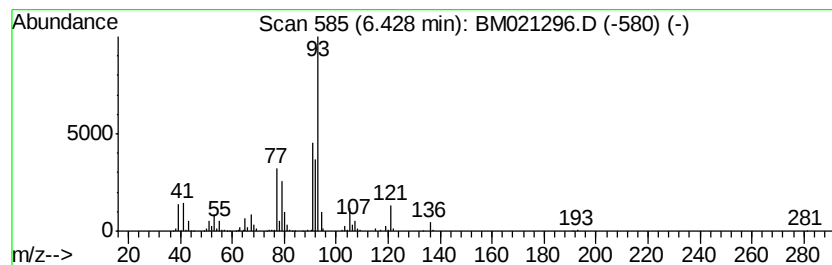
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1R-.alpha.-Pinene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	9.14 ng/ul	903106	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		1R-.alpha.-Pinene	136	C10H16	007785-70-8	91
5		1S-.alpha.-Pinene	136	C10H16	007785-26-4	91



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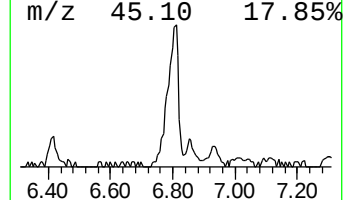
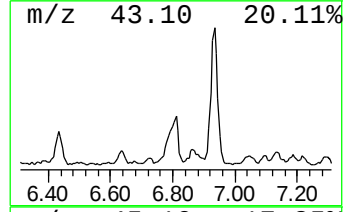
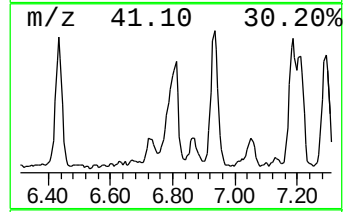
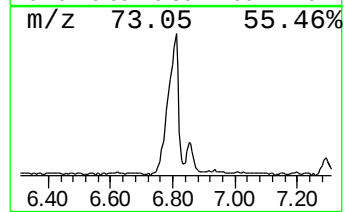
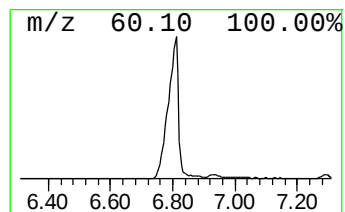
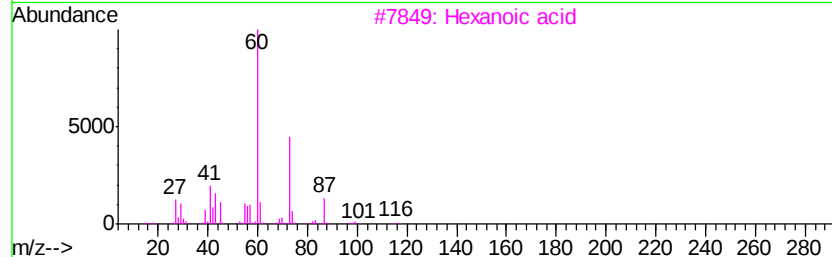
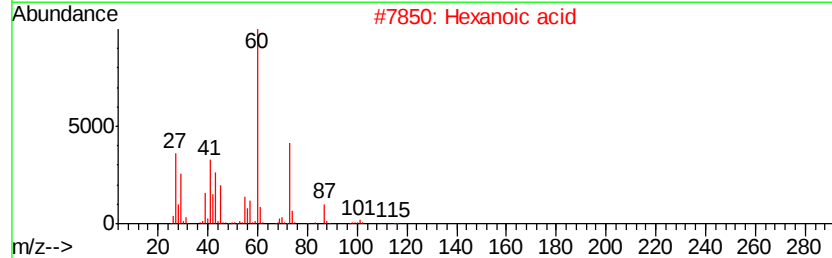
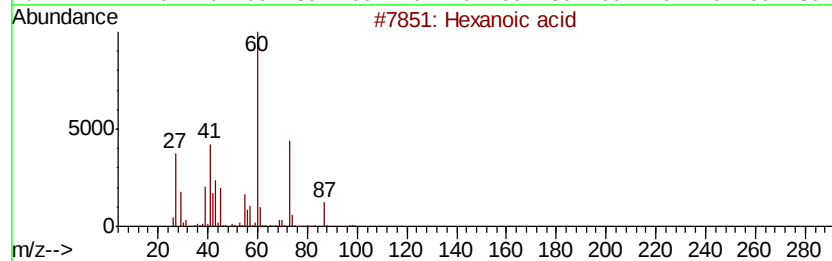
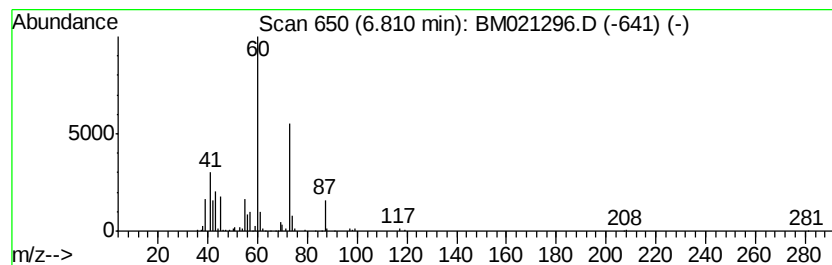
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	4.26 ng/ul	420799	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid		116	C6H12O2	000142-62-1	90
2	Hexanoic acid		116	C6H12O2	000142-62-1	83
3	Hexanoic acid		116	C6H12O2	000142-62-1	83
4	Heptanoic acid		130	C7H14O2	000111-14-8	74
5	Pentanoic acid		102	C5H10O2	000109-52-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
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ClientSampleId :
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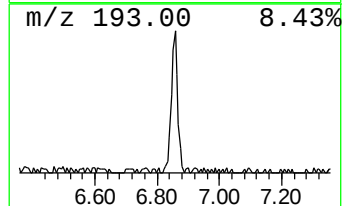
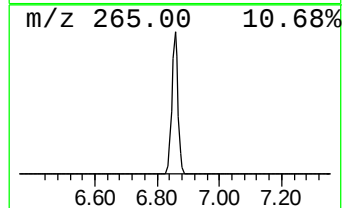
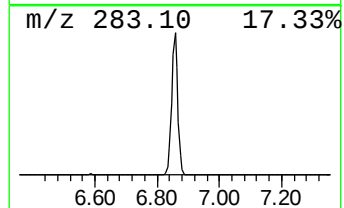
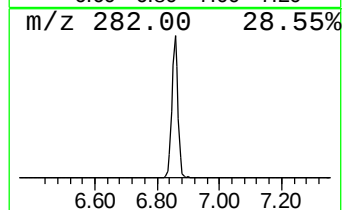
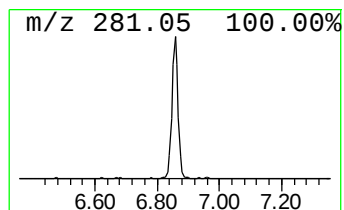
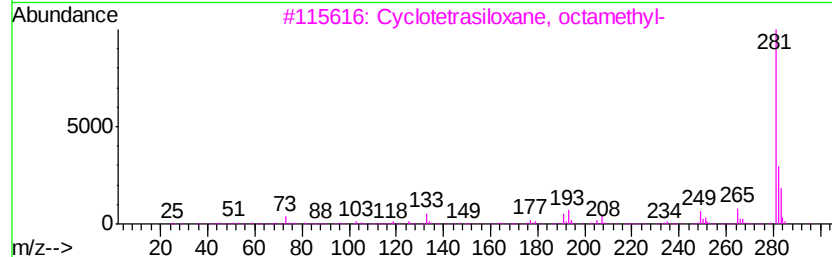
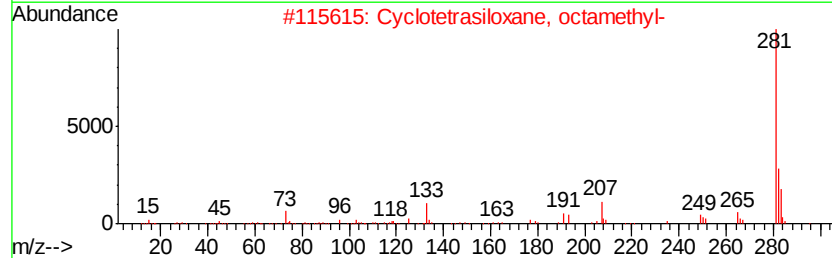
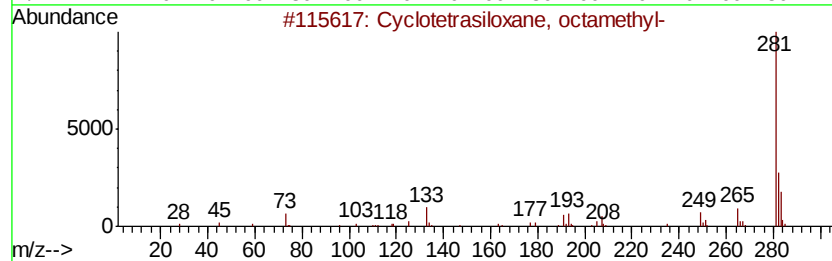
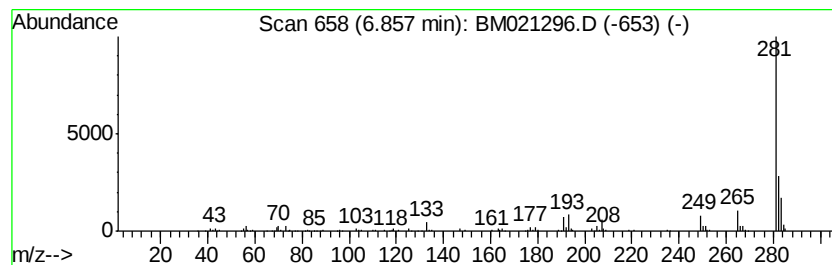
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclotetrasiloxane, octamet... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	5.25 ng/ul	519022	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	90
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
4		7H-Dibenzo[b,a]carbazole, 7-methyl-	281	C21H15N	003557-49-1	56
5		Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
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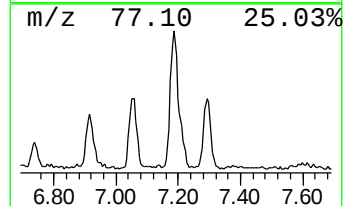
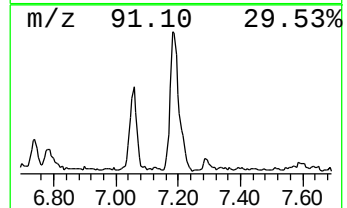
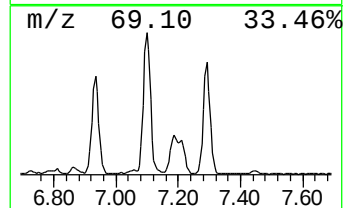
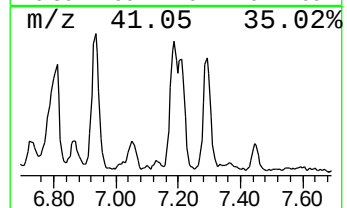
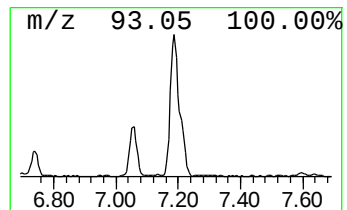
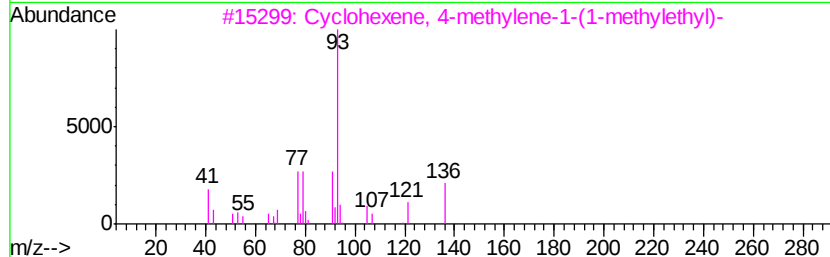
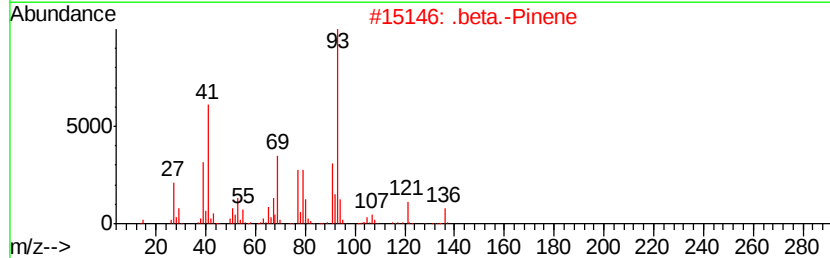
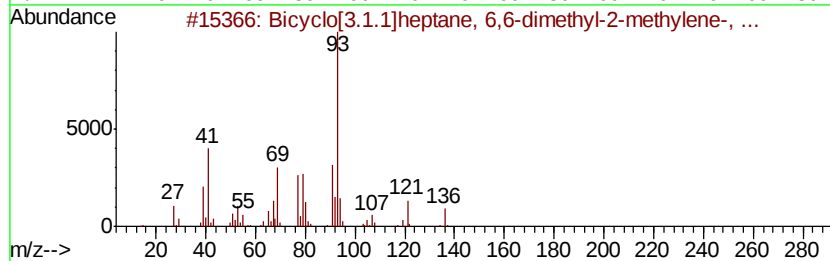
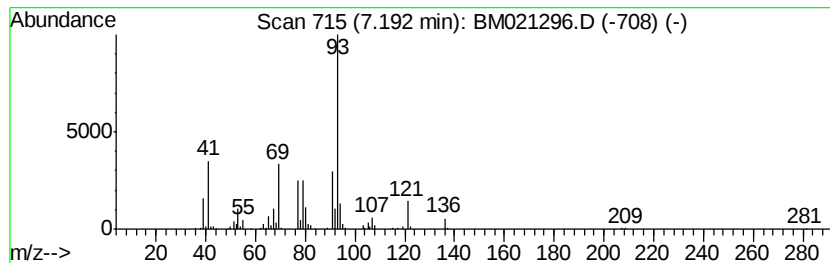
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	5.29 ng/ul	522884	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2		.beta.-Pinene	136	C10H16	000127-91-3	96
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4		.beta.-Pinene	136	C10H16	000127-91-3	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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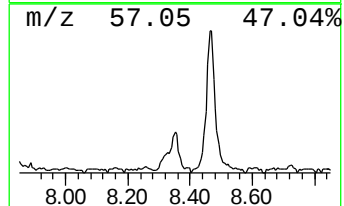
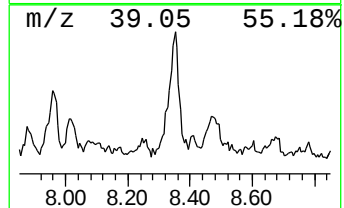
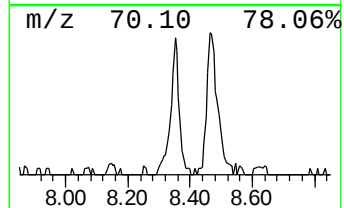
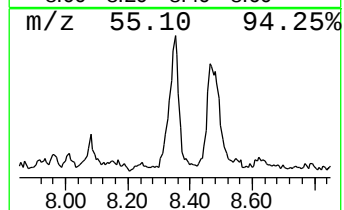
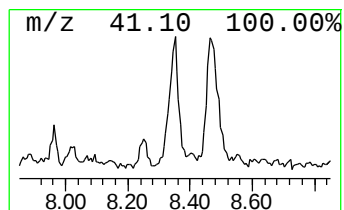
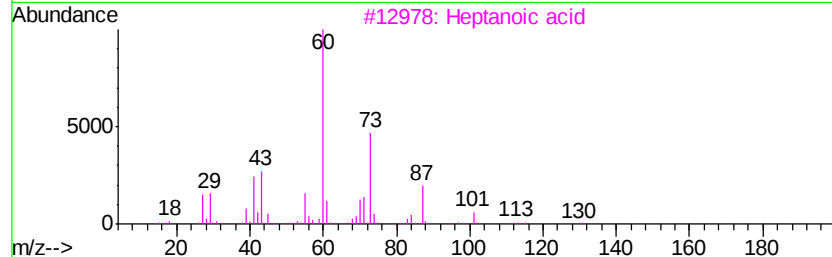
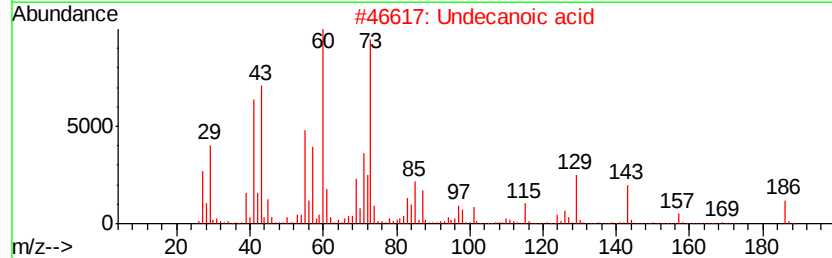
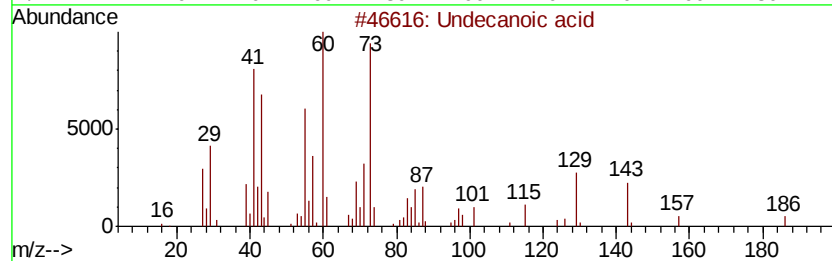
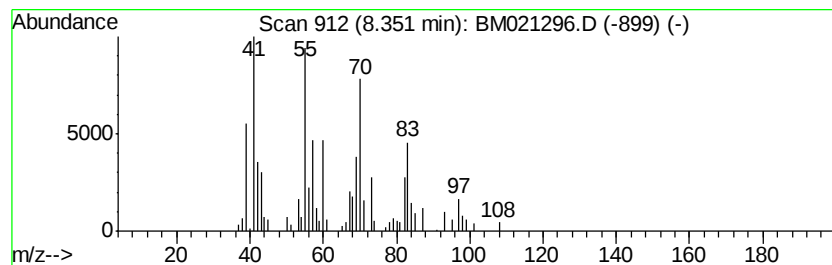
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.15 ng/ul	212493	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	43
2		Undecanoic acid	186	C11H22O2	000112-37-8	43
3		Heptanoic acid	130	C7H14O2	000111-14-8	38
4		n-Decanoic acid	172	C10H20O2	000334-48-5	38
5		2-Octenal, (E)-	126	C8H14O	002548-87-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
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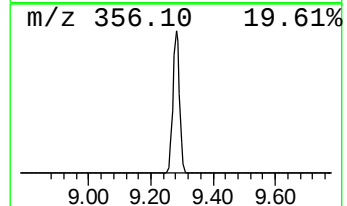
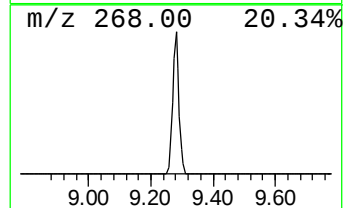
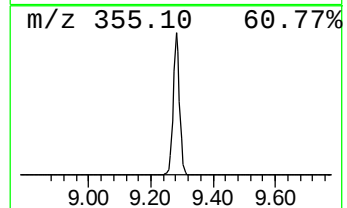
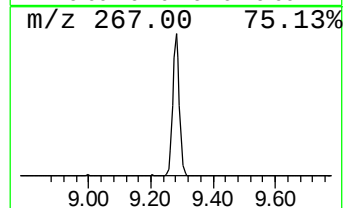
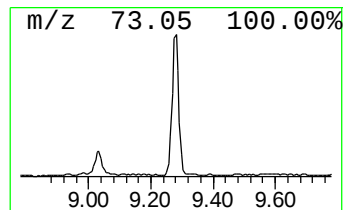
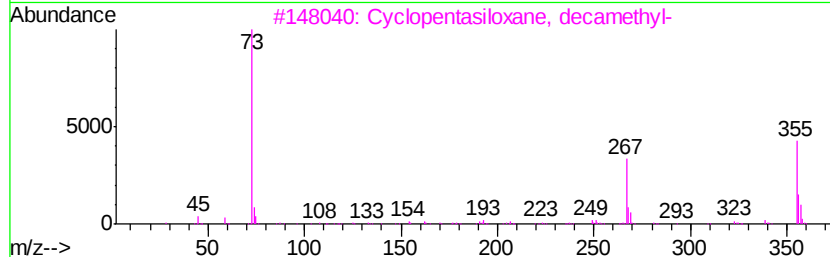
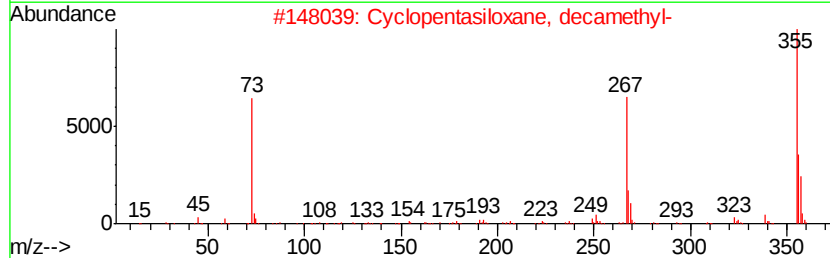
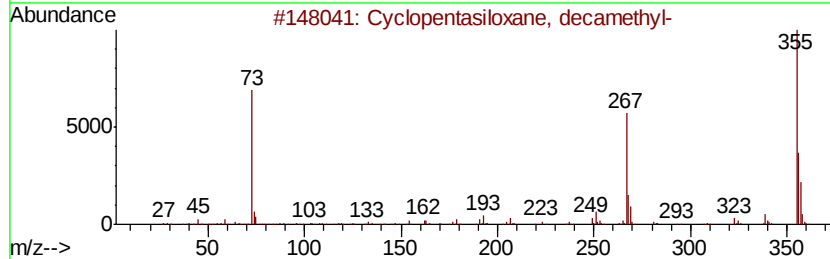
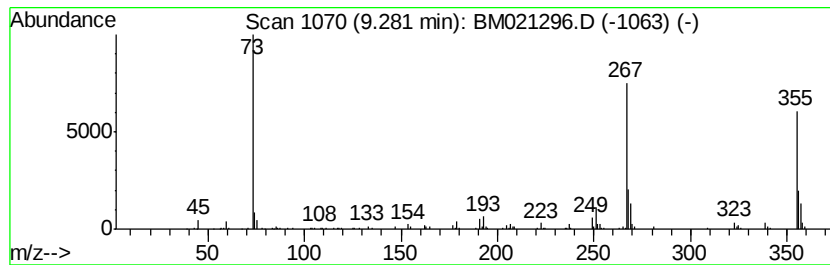
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.54 ng/ul	370207	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4		Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	47
5		p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
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ClientSampleId :
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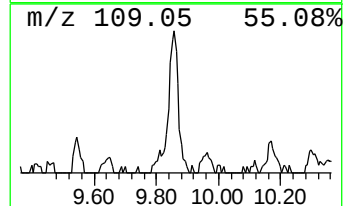
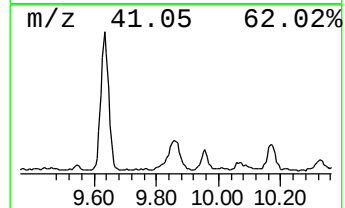
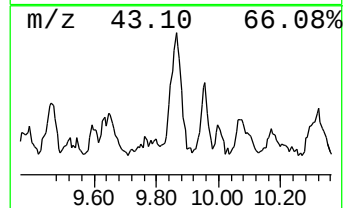
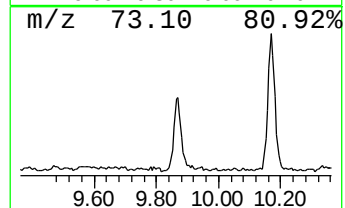
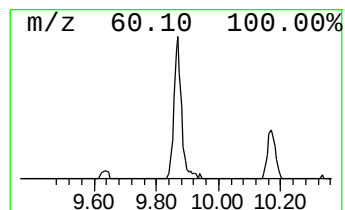
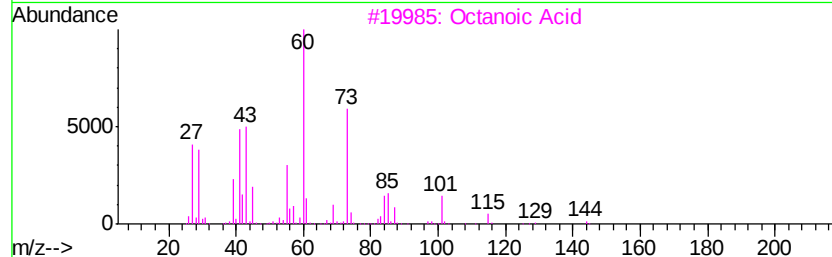
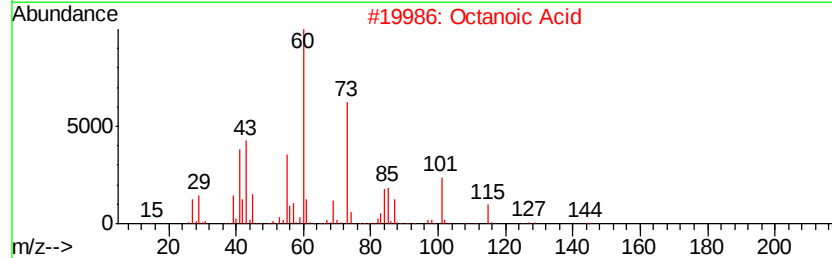
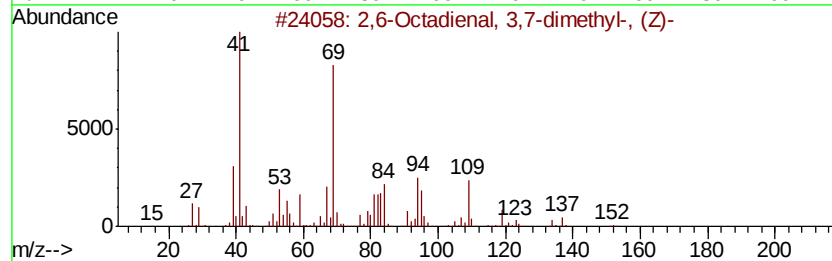
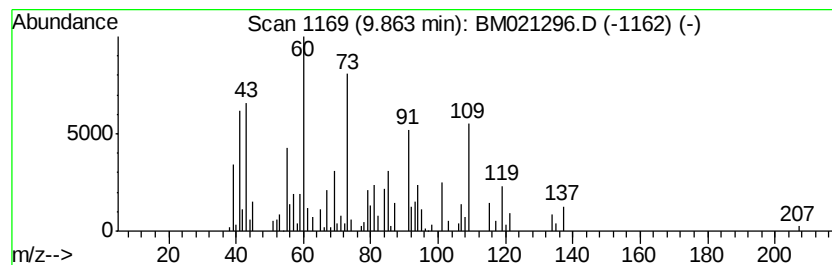
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.28 ng/ul	333303	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	25
2		Octanoic Acid	144	C8H16O2	000124-07-2	14
3		Octanoic Acid	144	C8H16O2	000124-07-2	14
4		Octanoic Acid	144	C8H16O2	000124-07-2	14
5		Thujol	152	C10H16O	1000152-08-2	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB2

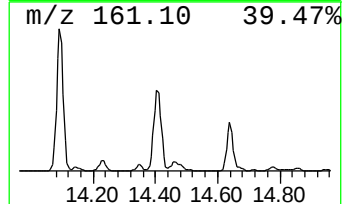
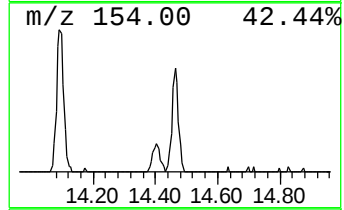
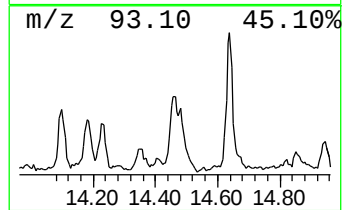
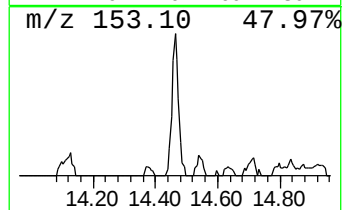
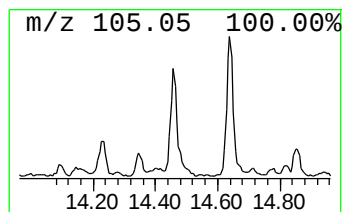
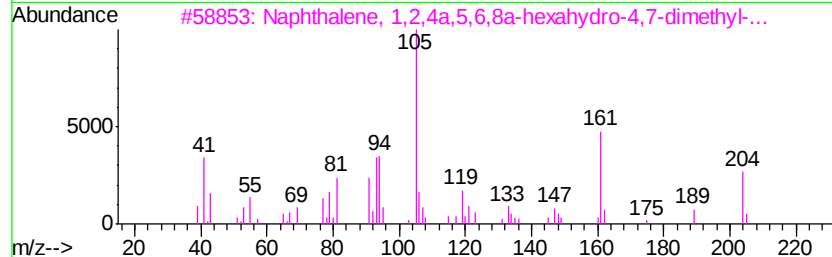
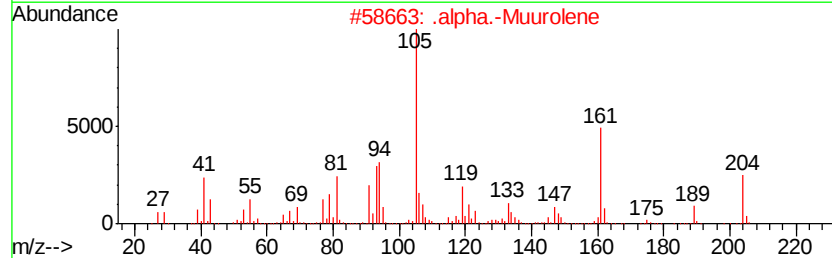
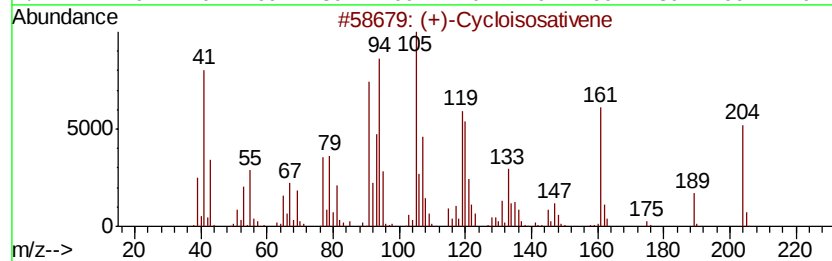
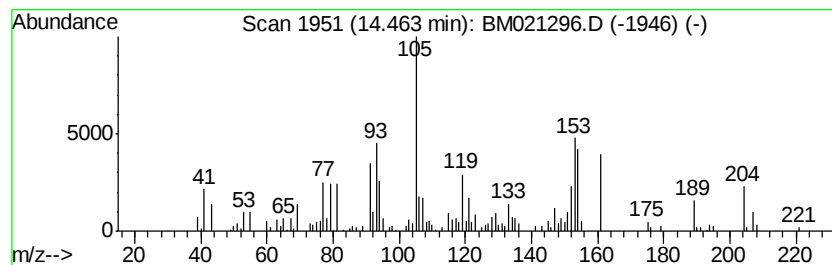
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (+)-Cycloisosativene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.43 ng/ul	476885	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-Cvcloisosativene	204	C15H24	1000109-88-1	78
2		.alpha.-Muurolene	204	C15H24	010208-80-7	55
3		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	53
4		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	53
5		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

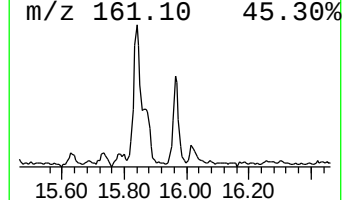
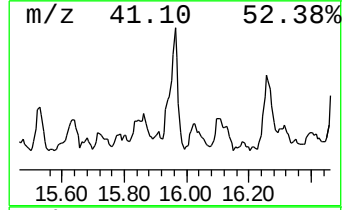
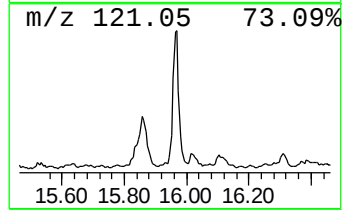
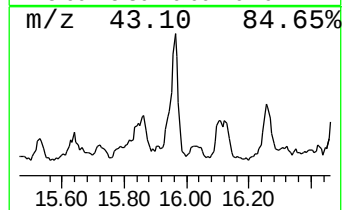
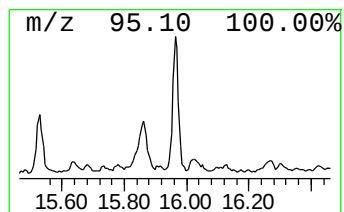
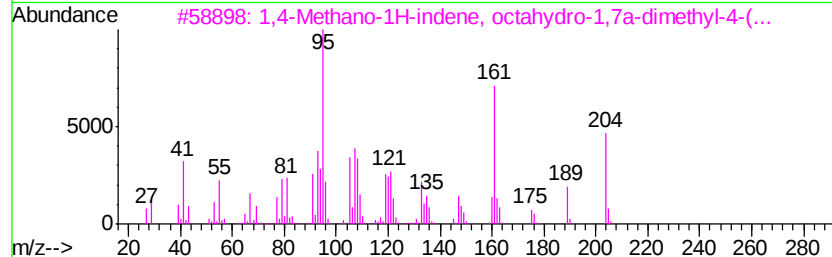
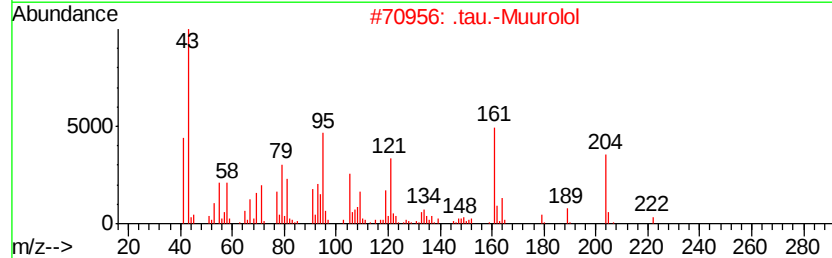
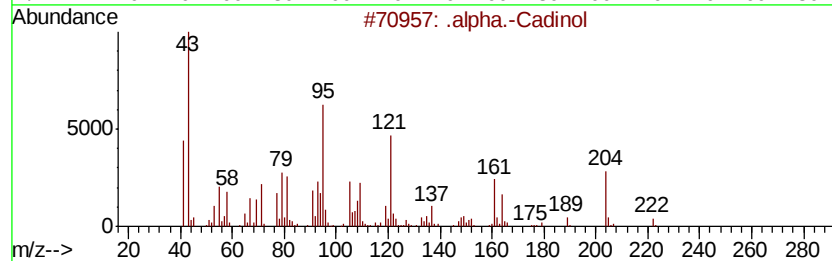
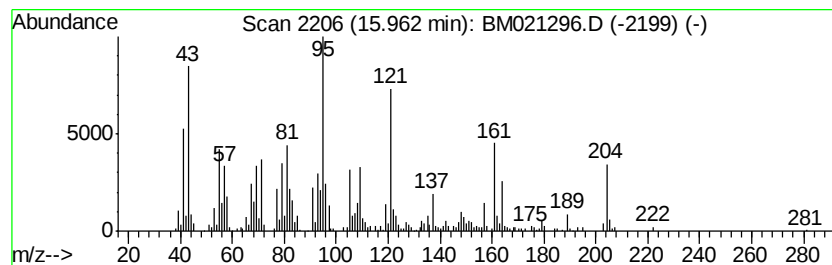
Instrument :
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ClientSampled :
C5BB2

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 12 .alpha.-Cadinol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.96	3.49 ng/ul	665132	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Cadinol	222	C15H26O	000481-34-5	62
2		.tau.-Muurolol	222	C15H26O	019912-62-0	42
3		1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	38
4		Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	30
5		Imidazole, 2-trifluoroacetyl-	164	C5H3F3N2O	105480-29-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

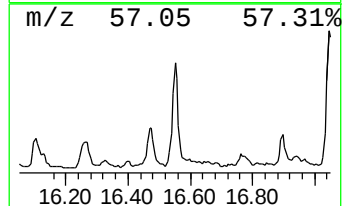
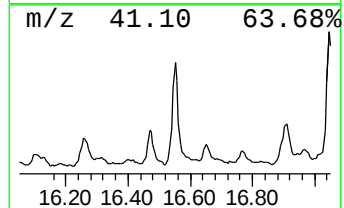
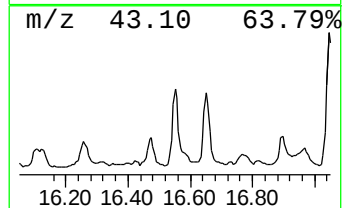
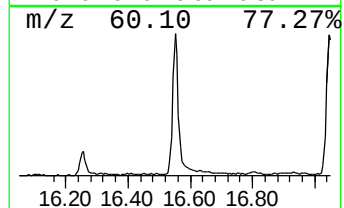
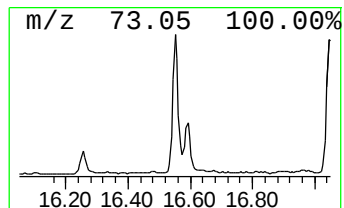
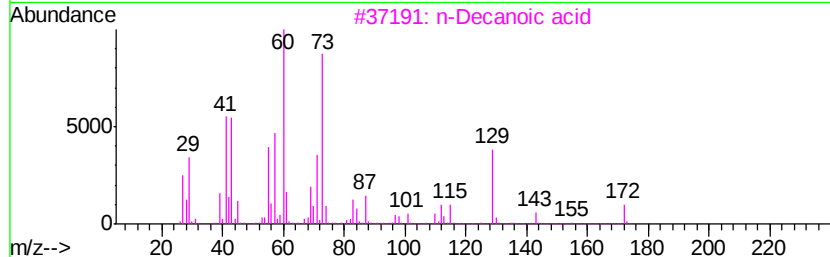
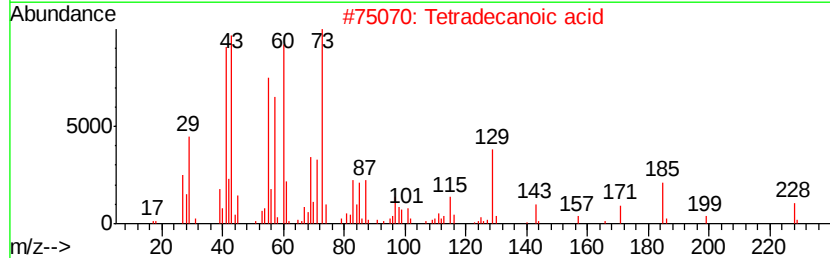
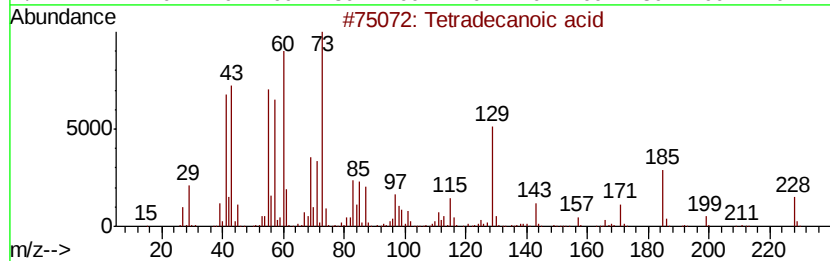
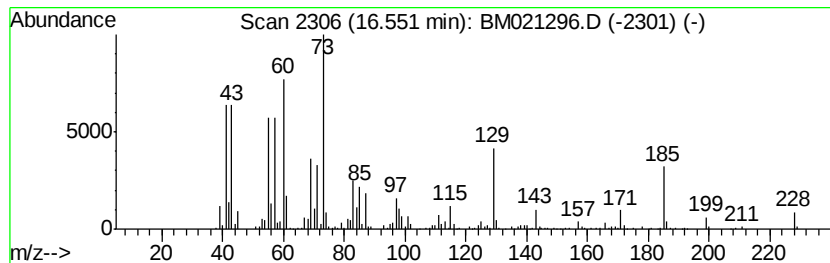
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Tetradecanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.55	3.83 ng/ul	730353	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

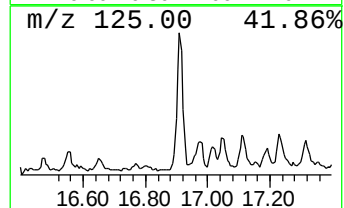
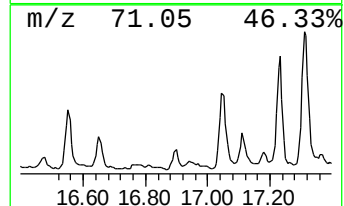
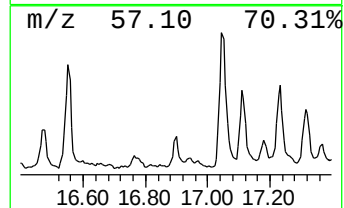
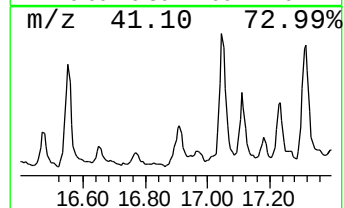
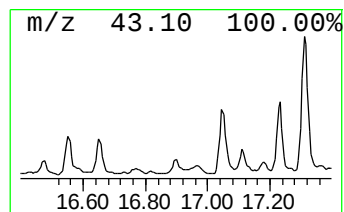
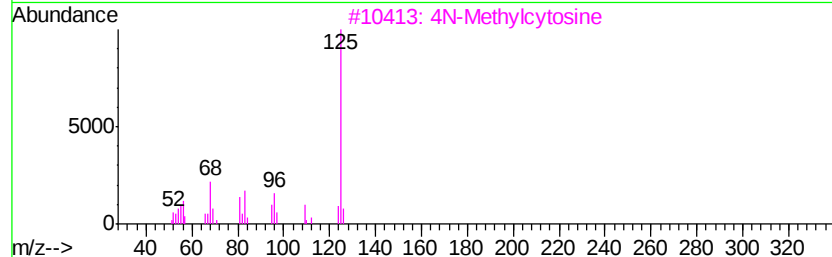
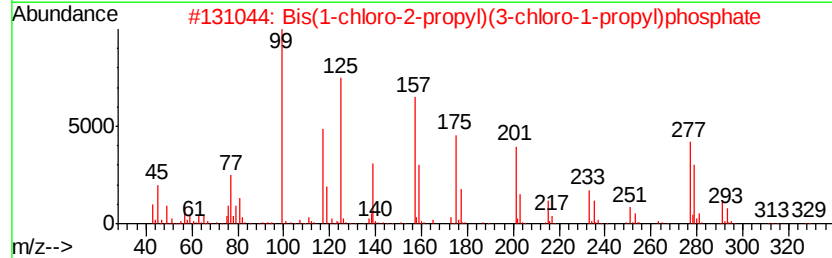
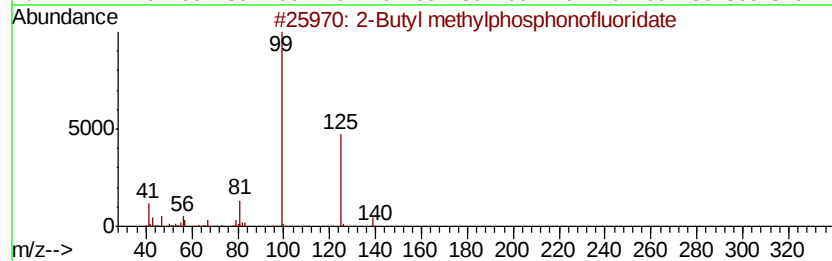
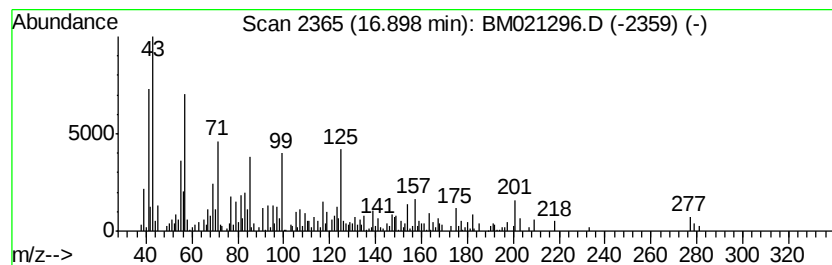
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.90	2.64 ng/ul	503317	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl	methylphosphonofluoridate	154	C5H12F02P	000352-52-3	47
2	Bis(1-chloro-2-propyl)(3-chloro-	...	326	C9H18Cl3O4P	137909-40-1	43
3	4N-Methyl	cytosine	125	C5H7N3O	006220-47-9	35
4	Hexanoic acid, 3-tetradecyl	ester	312	C20H40O2	1000279-29-7	22
5	Hexanoic acid, 3-tridecyl	ester	298	C19H38O2	1000279-29-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

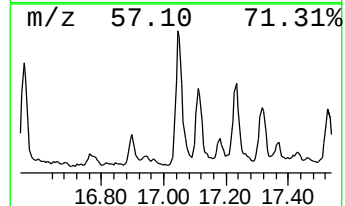
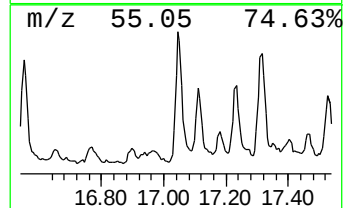
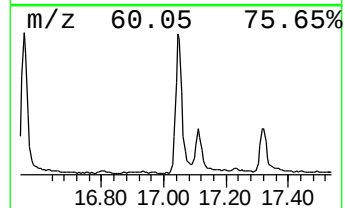
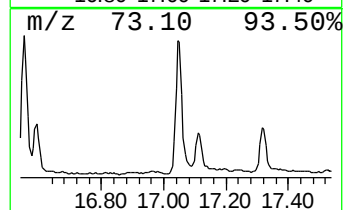
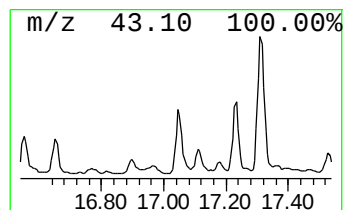
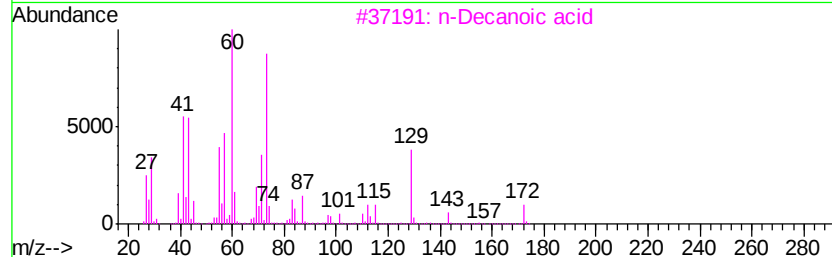
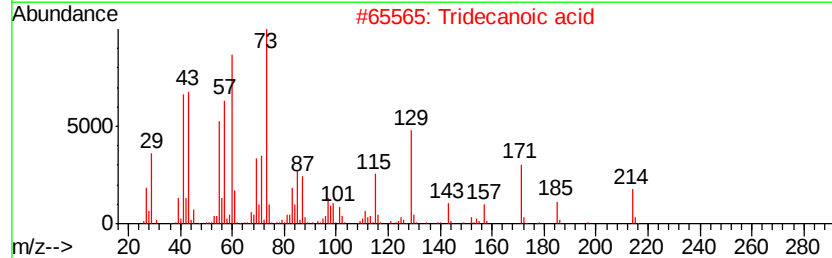
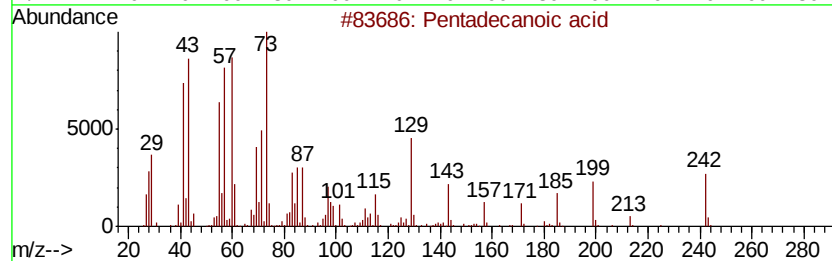
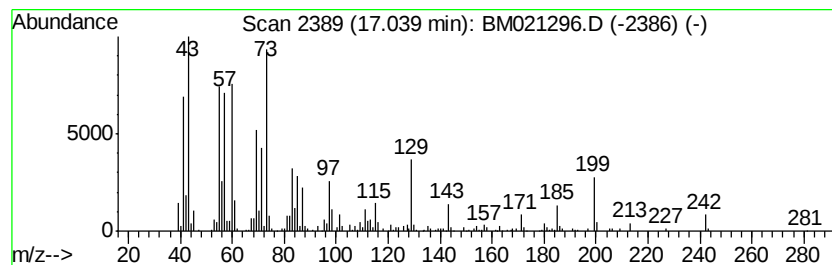
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pentadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.04	5.10 ng/ul	972772	Phenanthrene-d10		17.15	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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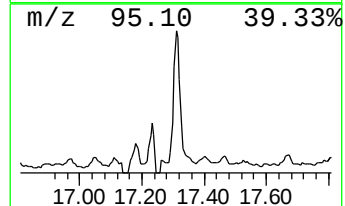
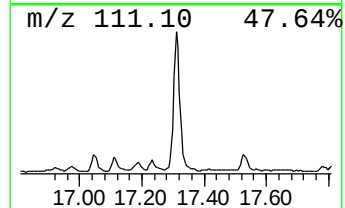
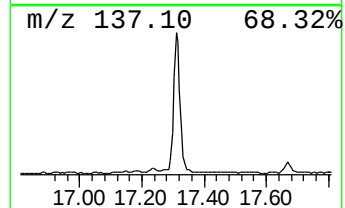
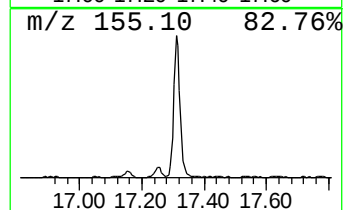
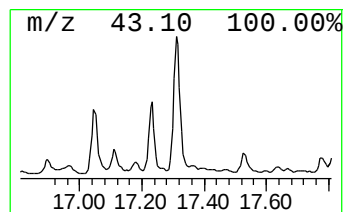
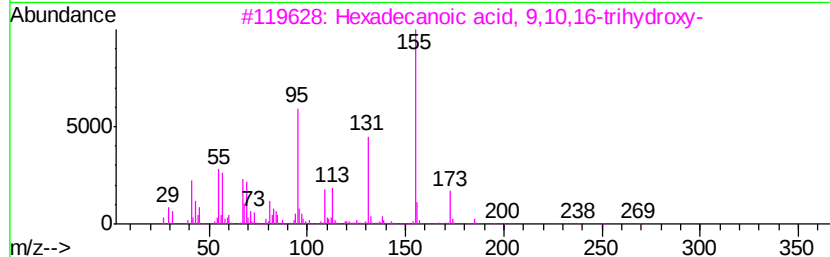
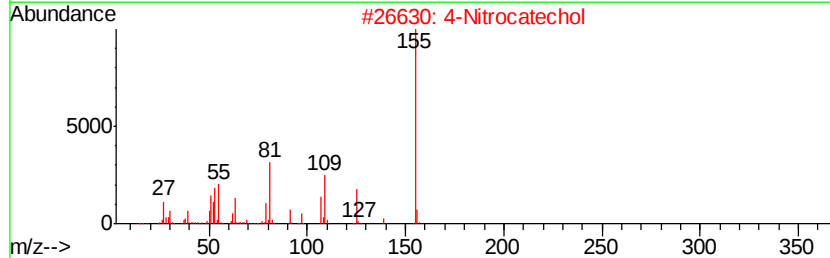
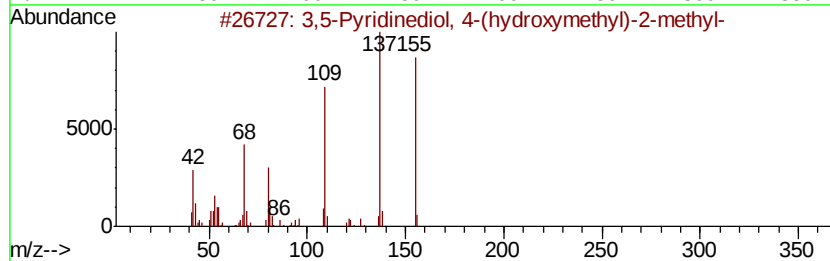
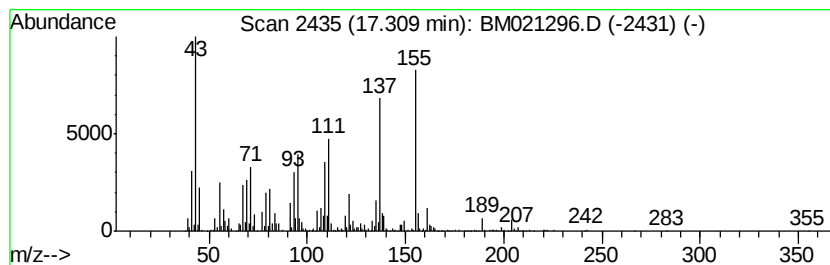
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	10.73 ng/ul	2046170	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Pyridinediol, 4-(hydroxymeth...	155	C7H9NO3	002029-60-9	46
2		4-Nitrocatechol	155	C6H5NO4	003316-09-4	38
3		Hexadecanoic acid, 9,10,16-trihv...	304	C16H32O5	006949-98-0	32
4		3-Isopropenyl-2-(methylthio)thio...	170	C8H10S2	1000250-47-9	32
5		Naphthalene, 1,1'-(1,2-ethanedi...	302	C22H38	054934-69-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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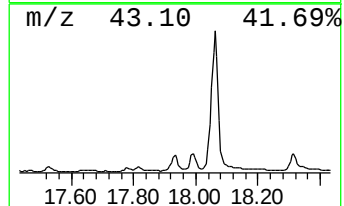
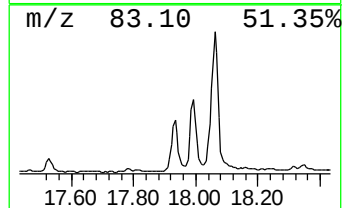
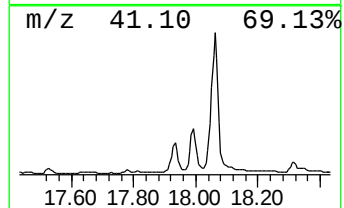
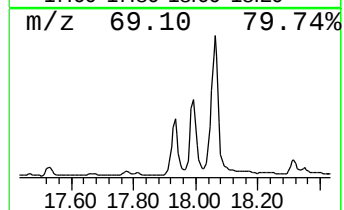
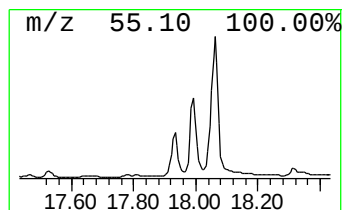
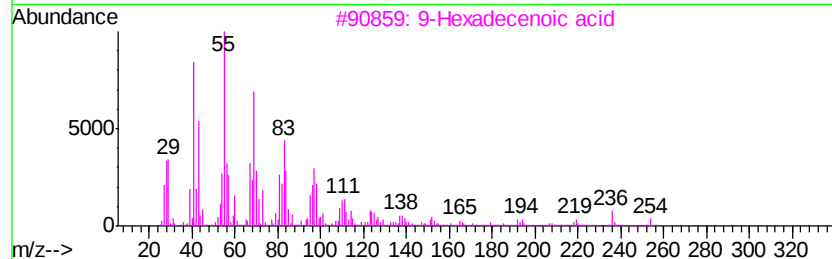
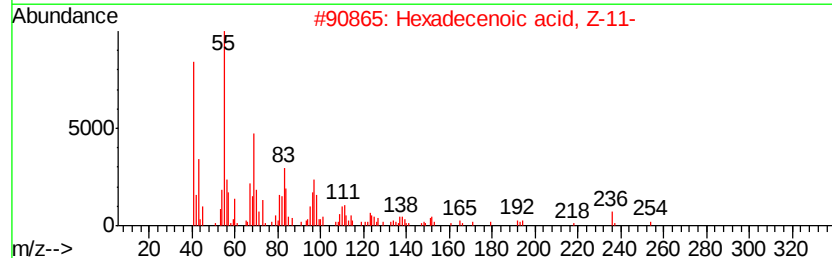
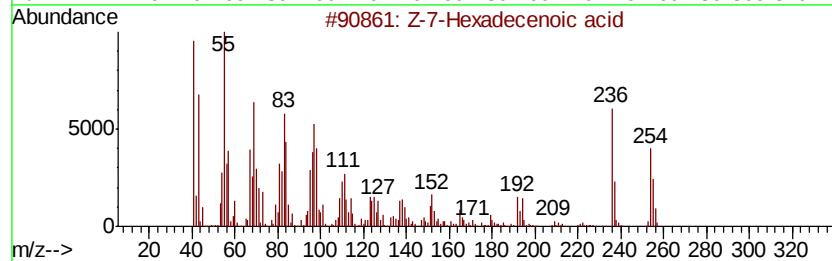
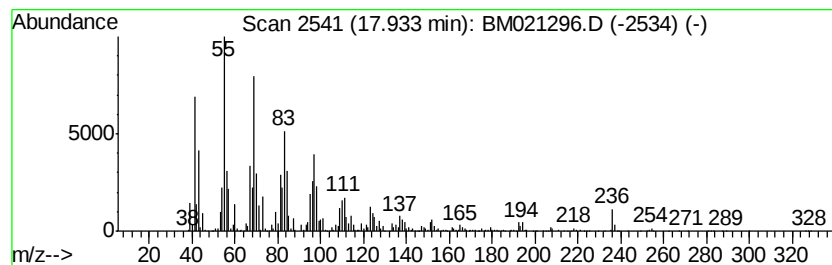
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Z-7-Hexadecenoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	13.05 ng/ul	2487590	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	97
2		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
4		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
5		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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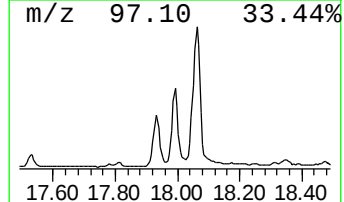
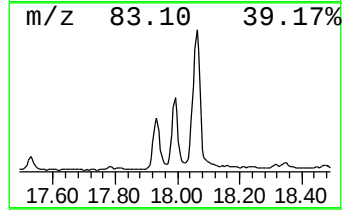
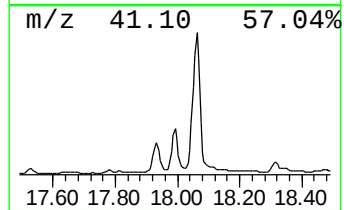
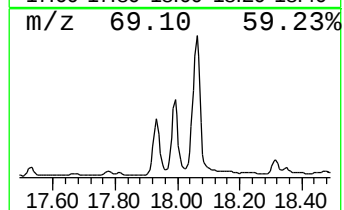
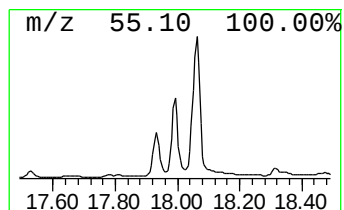
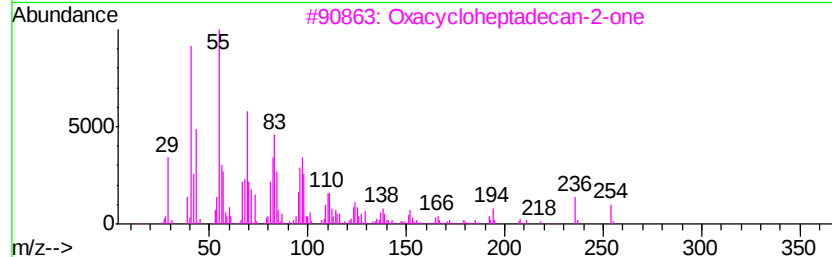
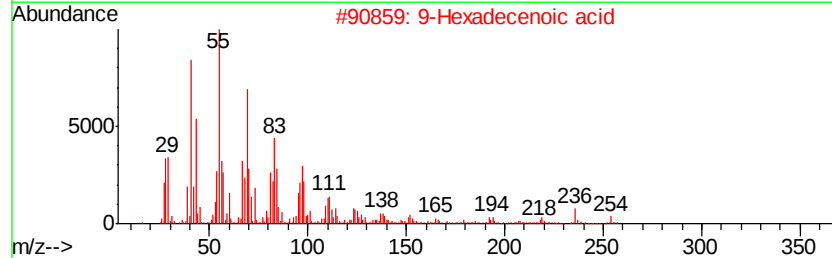
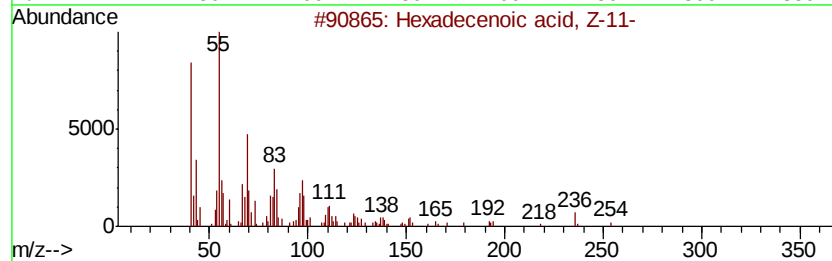
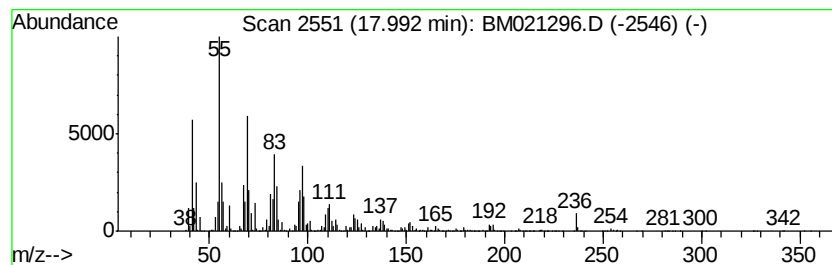
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Hexadecenoic acid, Z-11- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	15.61 ng/ul	2976270	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
3		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	81
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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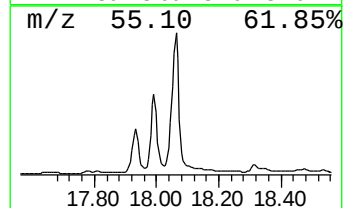
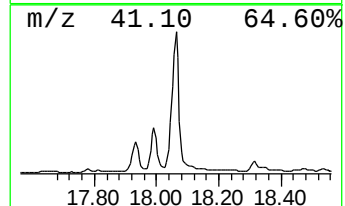
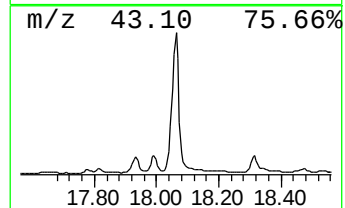
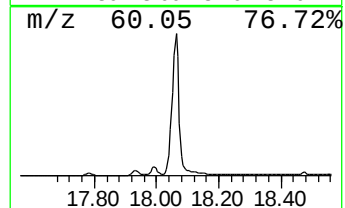
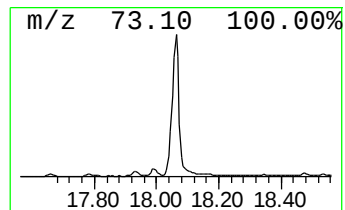
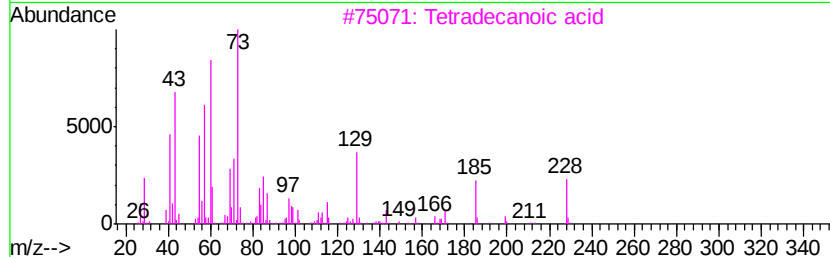
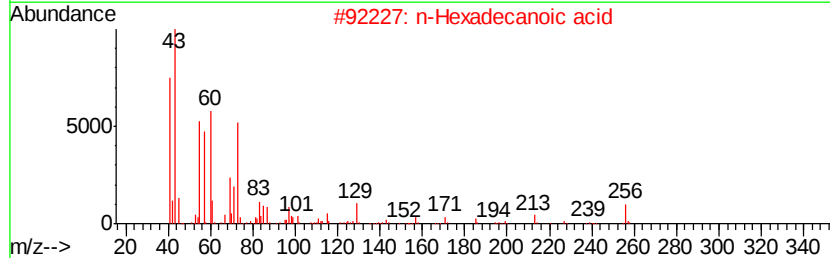
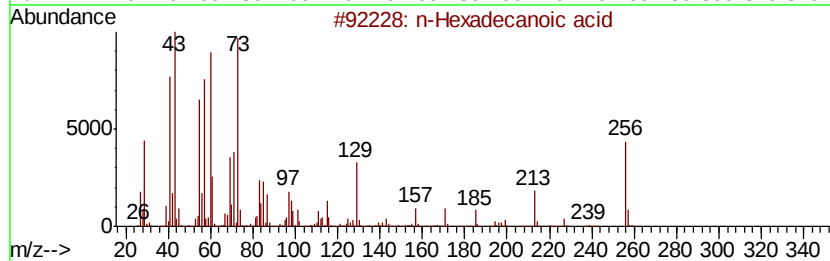
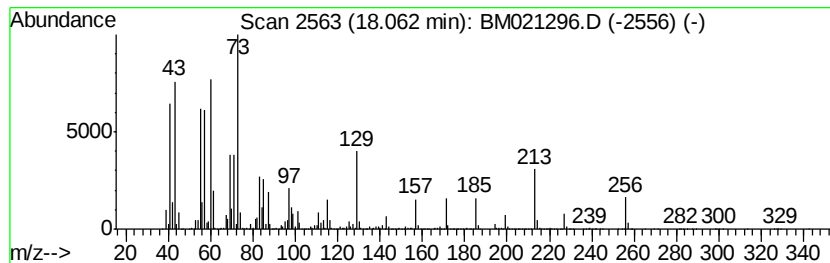
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	61.58 ng/ul	11742700	Phenanthrene-d10	17.15

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	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

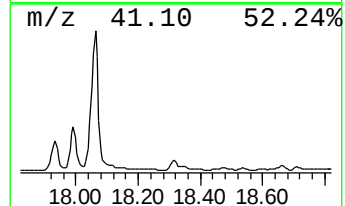
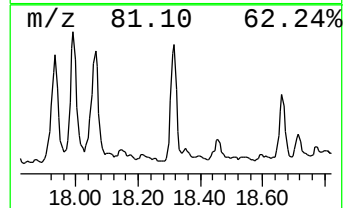
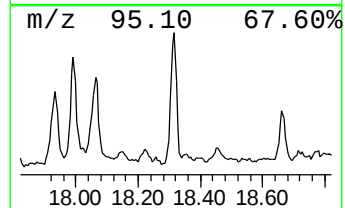
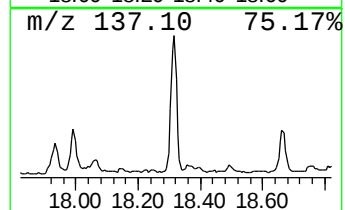
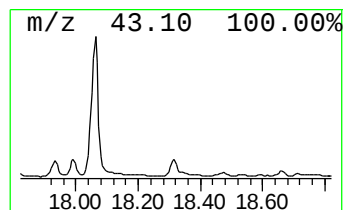
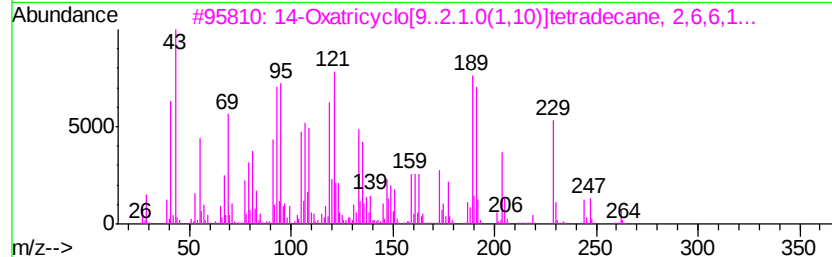
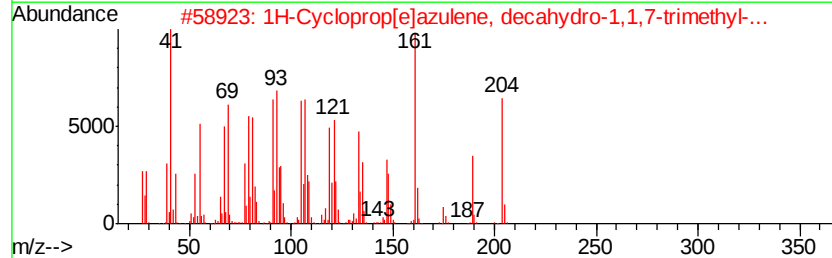
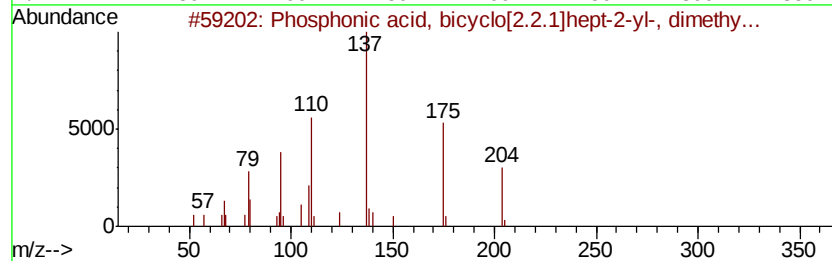
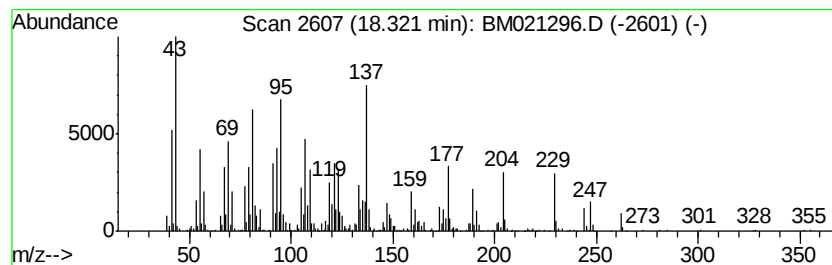
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.32	7.59 ng/ul	1447460	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phosphonic acid, bicyclo[2.2.1]h...	204	C9H17O3P	031061-88-8	49
2		1H-Cycloprop[elazulene, decahydr...	204	C15H24	000489-39-4	42
3		14-Oxatricyclo[9..2.1.0(1,10)]te...	262	C18H30O	1000193-06-8	42
4		3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	27
5		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

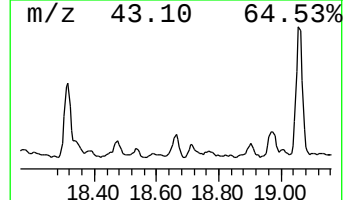
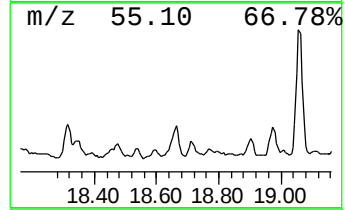
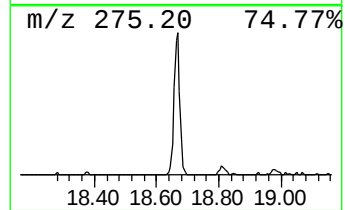
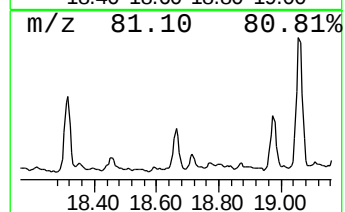
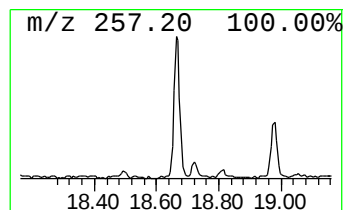
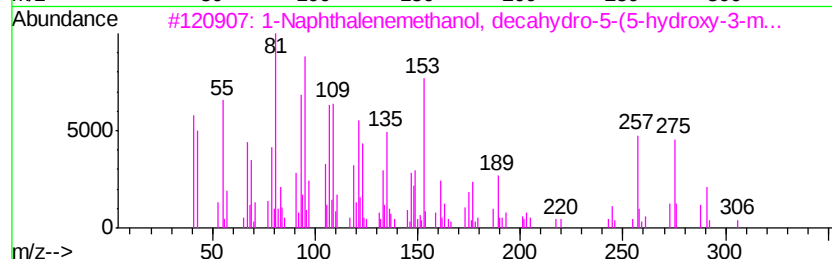
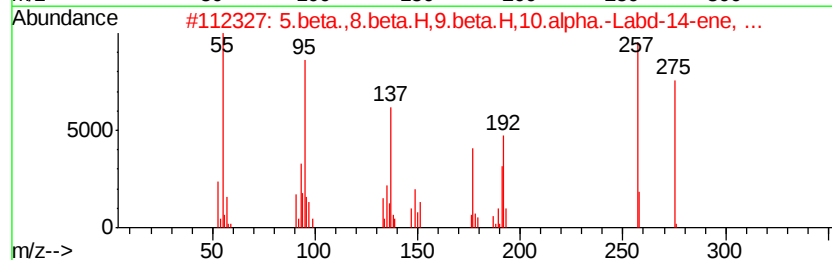
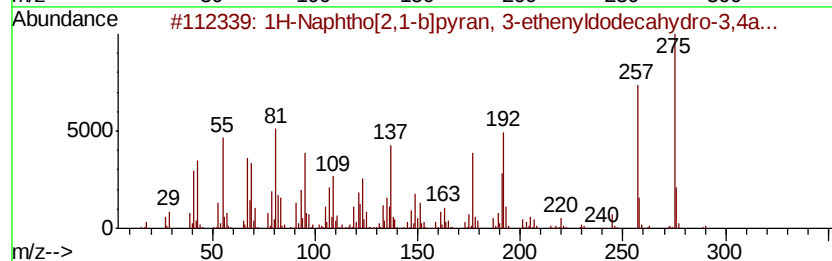
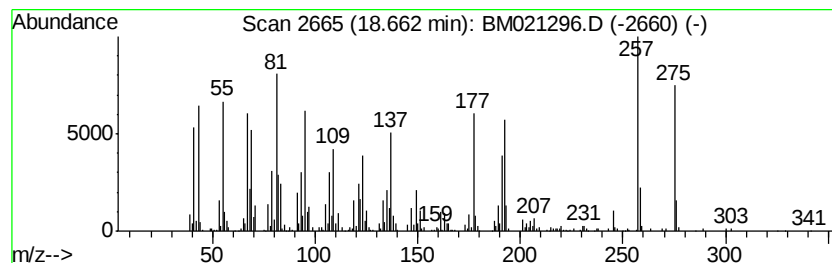
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1H-Naphtho[2,1-b]pyran, 3-e... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.66	3.86 ng/ul	735326	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Naphtho[2,1-b]pyran, 3-etheny...	290	C20H34O	000596-84-9	59
2		5.beta.,8.beta.H,9.beta.H,10.alp...	290	C20H34O	019123-29-6	46
3		1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	32
4		1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	32
5		4H-1-Benzopyran-4-one, 2,3-dihyd...	192	C11H12O3	017771-33-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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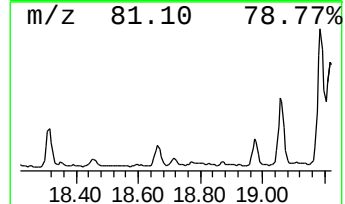
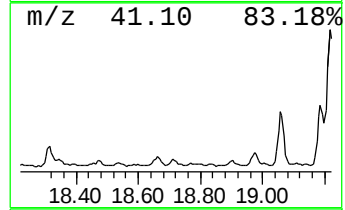
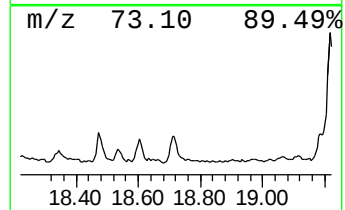
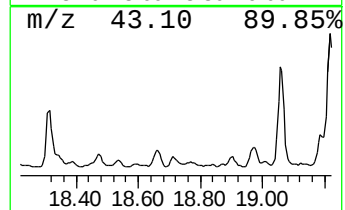
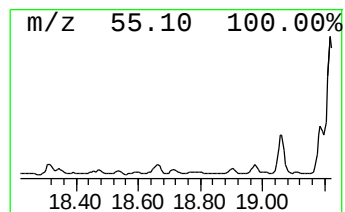
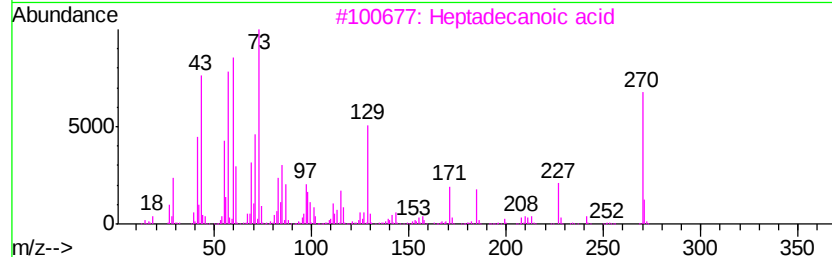
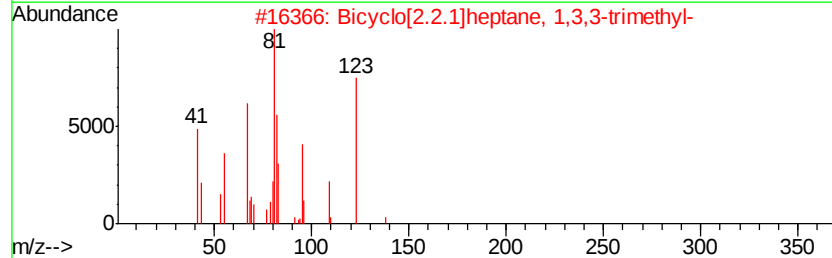
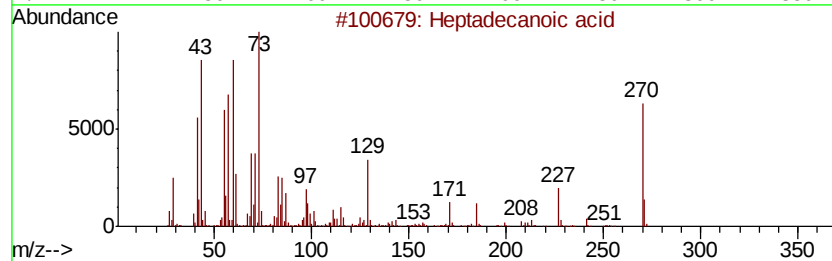
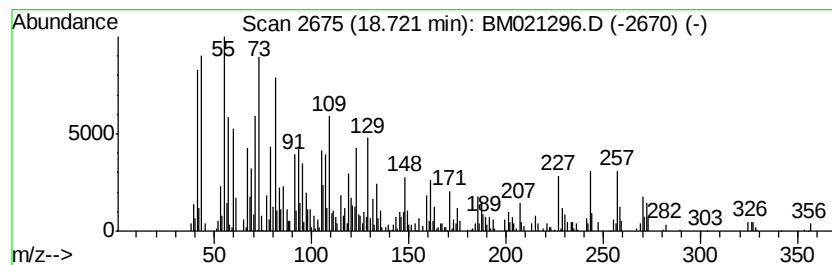
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Heptadecanoic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.21 ng/ul	420548	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanoic acid	270	C17H34O2	000506-12-7	60
2		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	52
3		Heptadecanoic acid	270	C17H34O2	000506-12-7	50
4		2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	35
5		Heptadecanoic acid	270	C17H34O2	000506-12-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

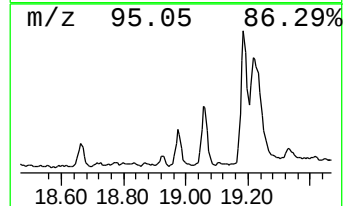
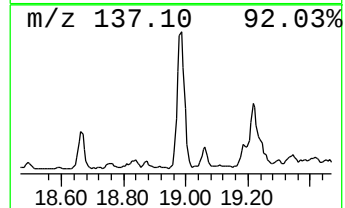
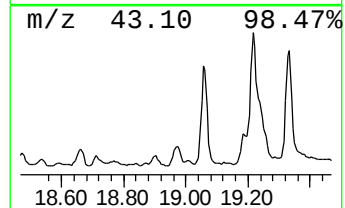
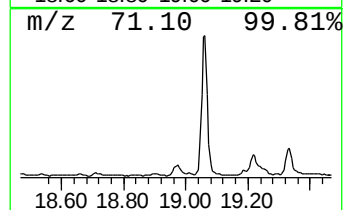
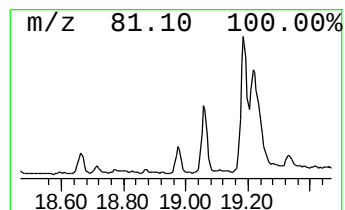
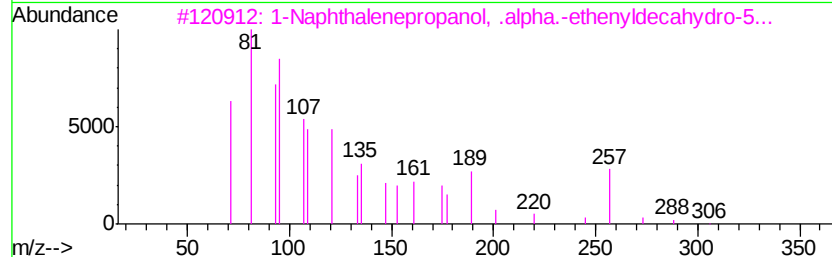
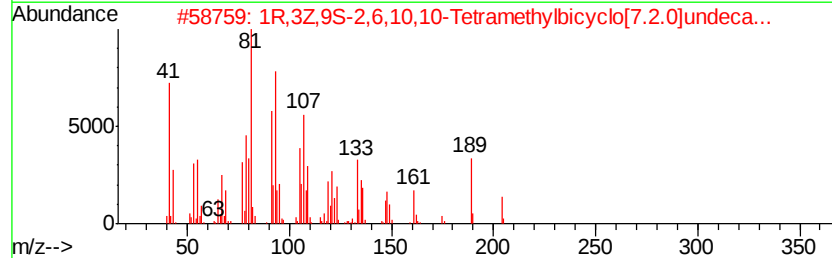
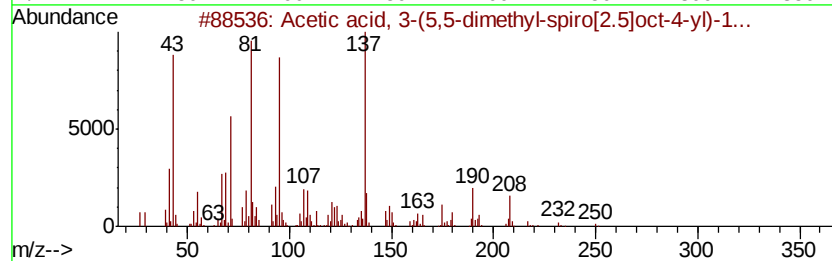
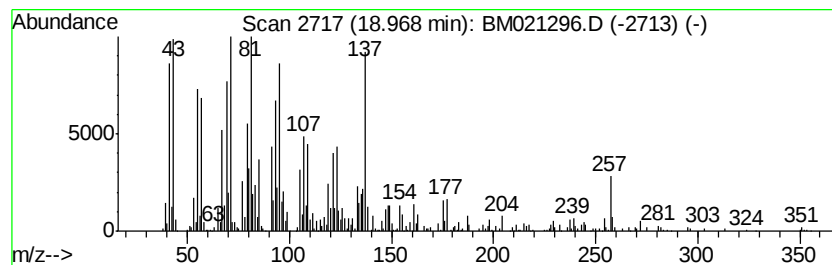
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BNA_M
ClientSampleId :
C5BB2

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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Acetic acid, 3-(5,5-dimethy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.97	6.42 ng/ul	1224040	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-(5,5-dimethyl-spi...	250	C16H26O2	077143-33-0	64	
2	1R,3Z,9S-2,6,10,10-Tetramethylbi...	204	C15H24	1000140-07-4	52	
3	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	49	
4	Phosphonic acid, bicyclo[2.2.1]h...	204	C9H17O3P	031061-88-8	46	
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	46	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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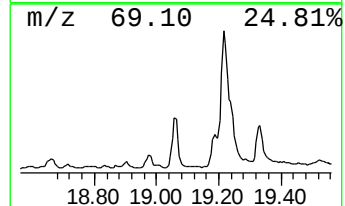
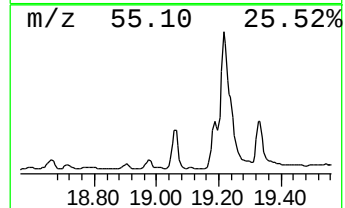
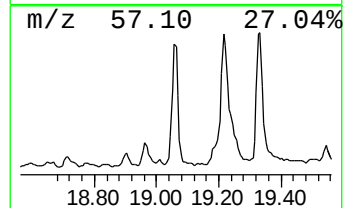
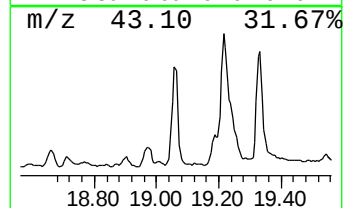
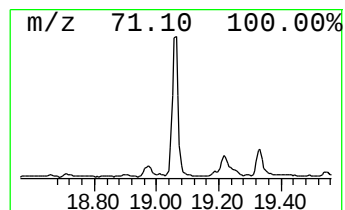
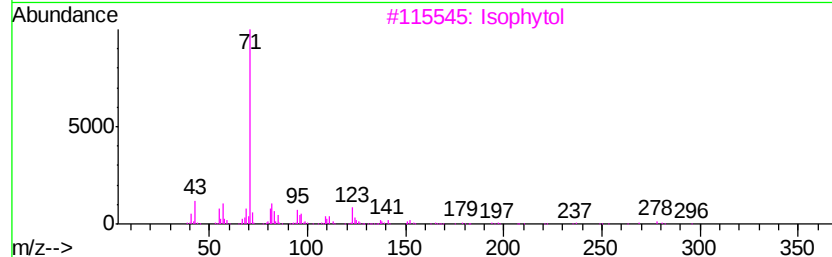
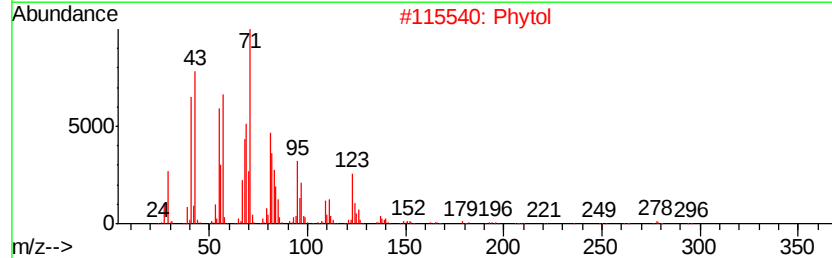
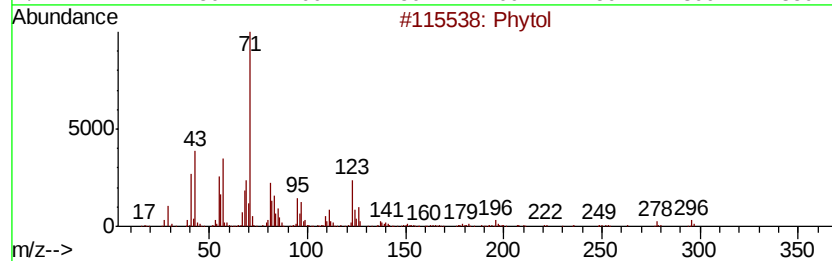
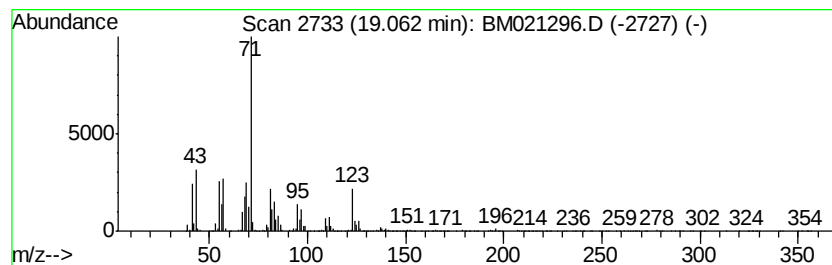
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phytol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	13.17 ng/ul	2511270	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	91
2		Phytol	296	C20H40O	000150-86-7	89
3		Isophytol	296	C20H40O	000505-32-8	83
4		1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
5		Phytol	296	C20H40O	000150-86-7	62



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Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
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Instrument :
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ClientSampleId :
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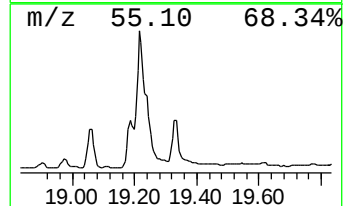
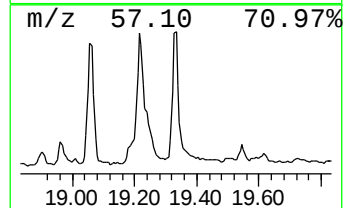
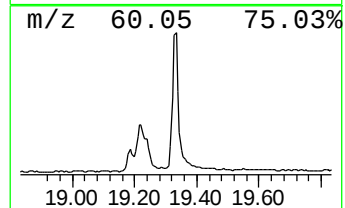
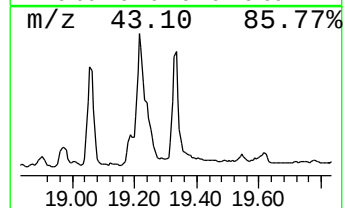
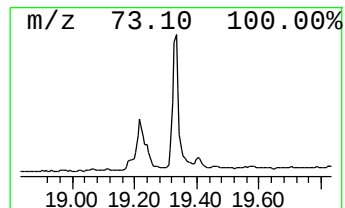
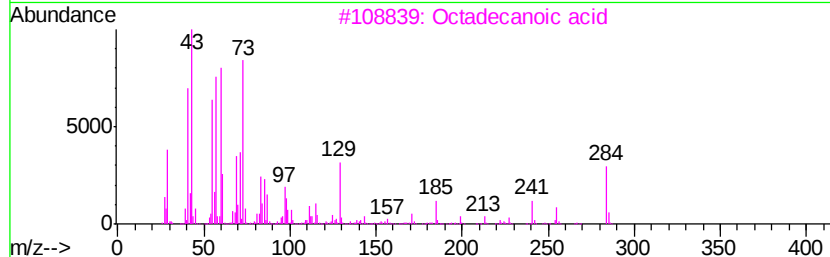
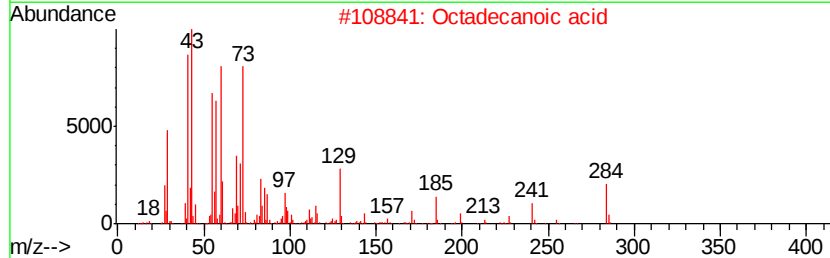
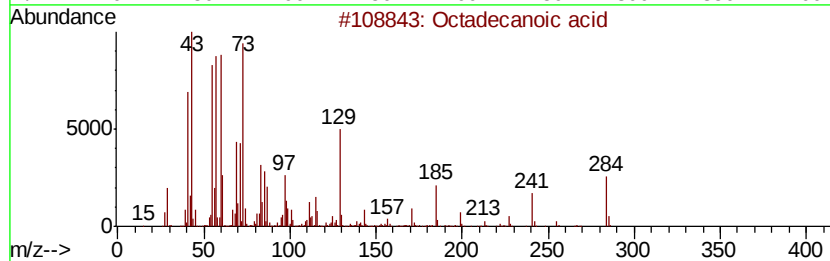
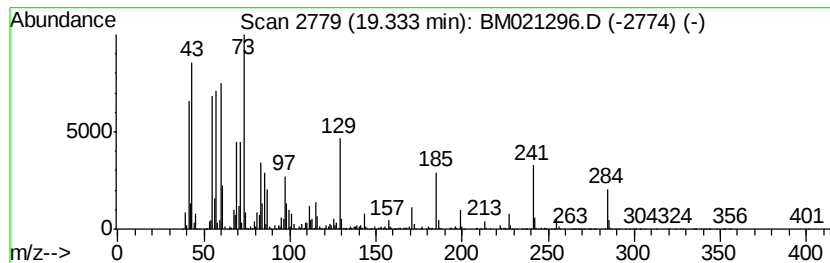
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Octadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	8.92 ng/ul	2629290	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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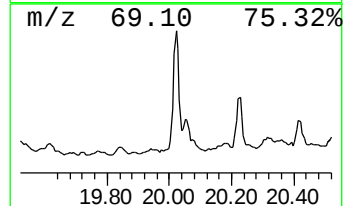
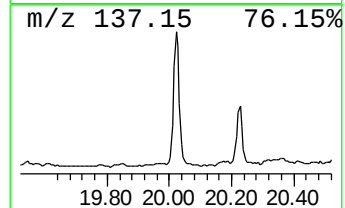
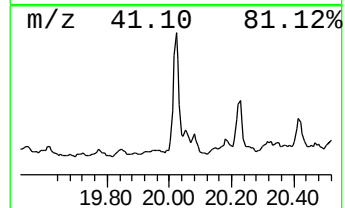
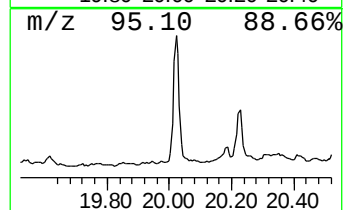
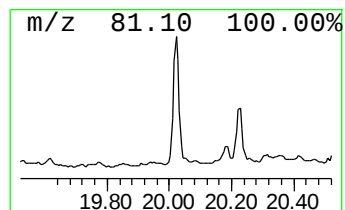
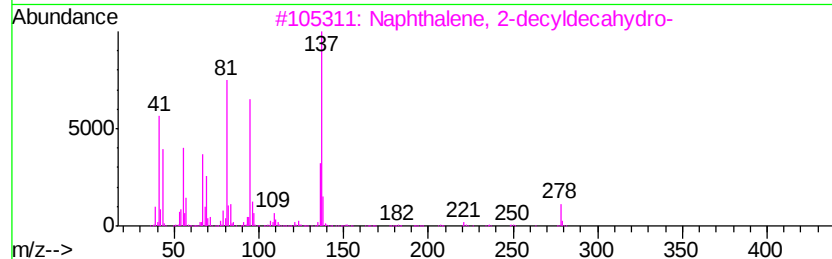
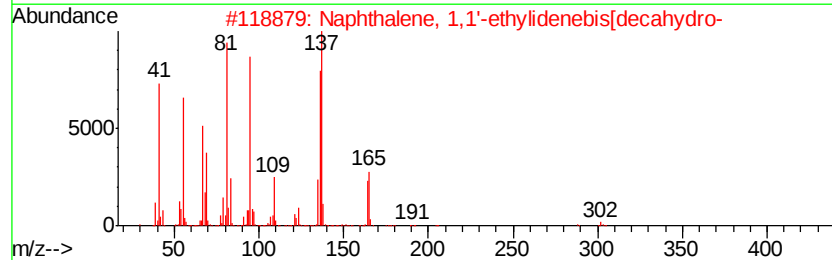
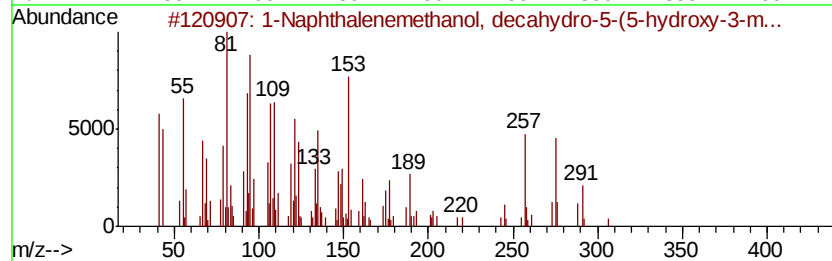
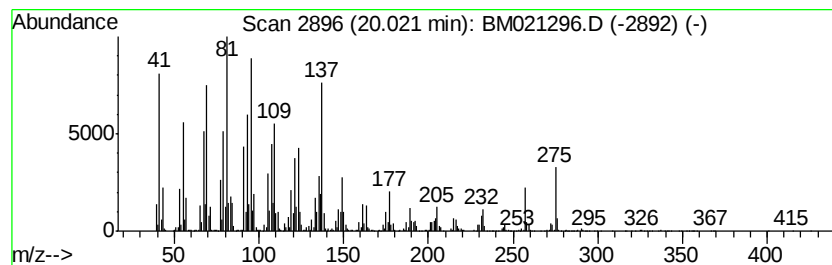
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	9.16 ng/ul	2702030	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	49
2		Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	49
3		Naphthalene, 2-decyldecahydro-	278	C20H38	054964-84-0	27
4		9-Oxabicyclo[3.3.1]non-6-en-2-on...	216	C8H9BrO2	075568-50-2	25
5		1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
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Sample : K3590-13
Misc :
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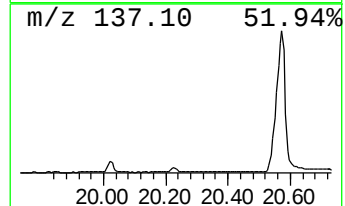
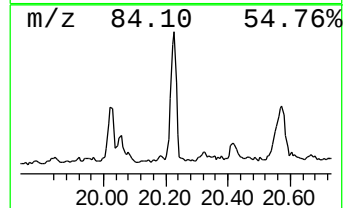
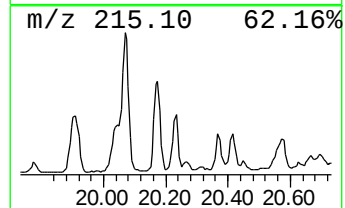
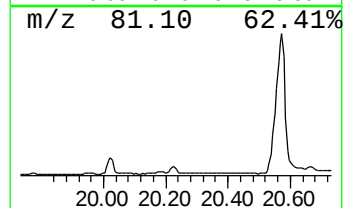
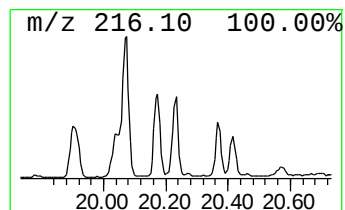
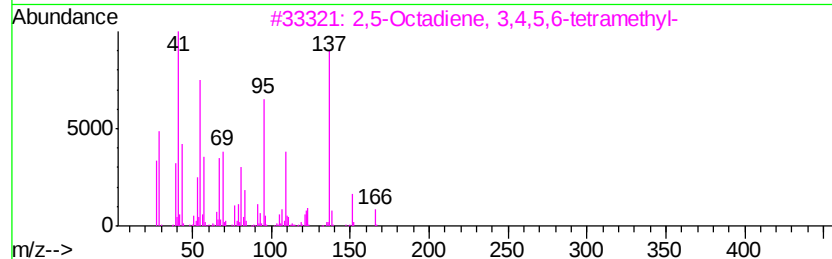
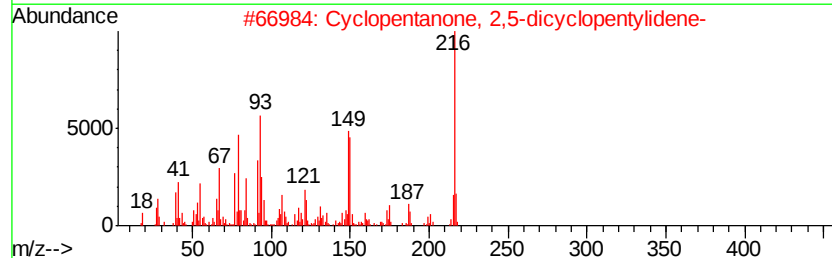
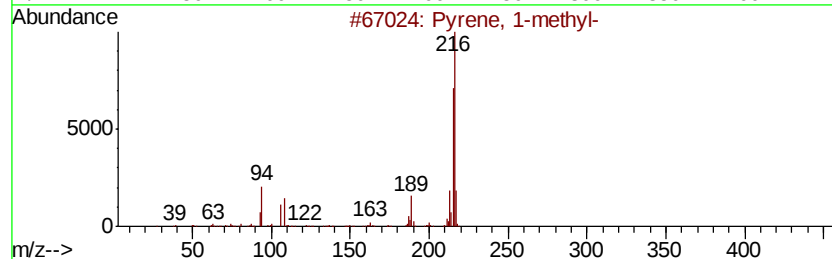
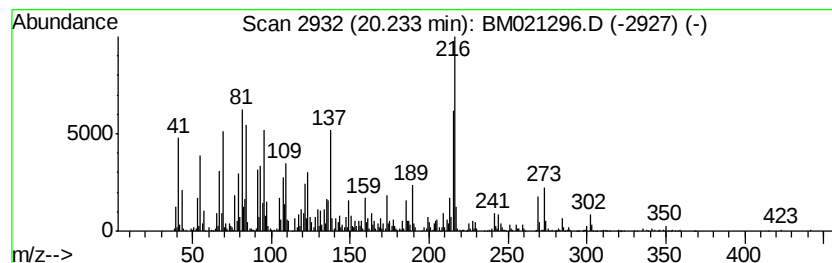
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	4.35 ng/ul	1282580	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
2		Cyclopentanone, 2,5-dicyclopentyl...	216	C15H20O	005682-82-6	40
3		2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	38
4		3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	35
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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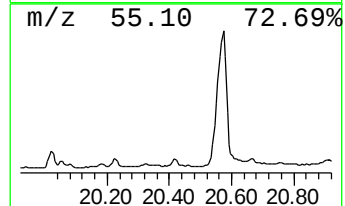
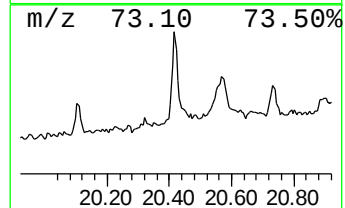
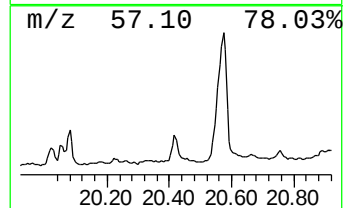
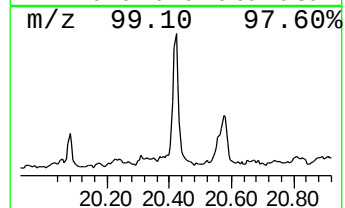
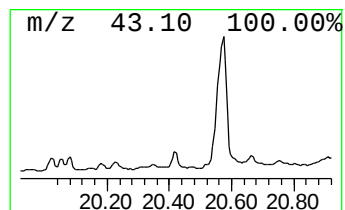
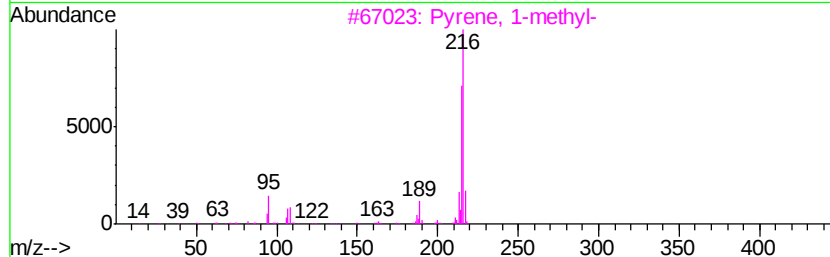
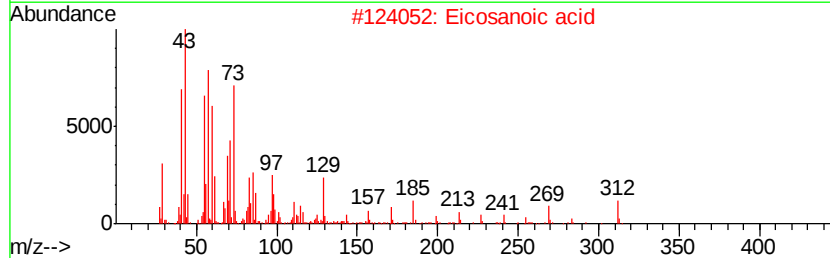
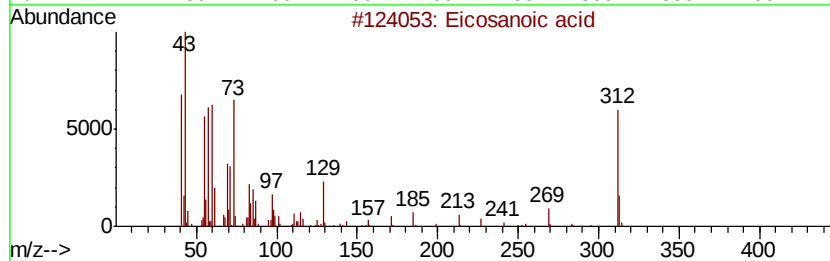
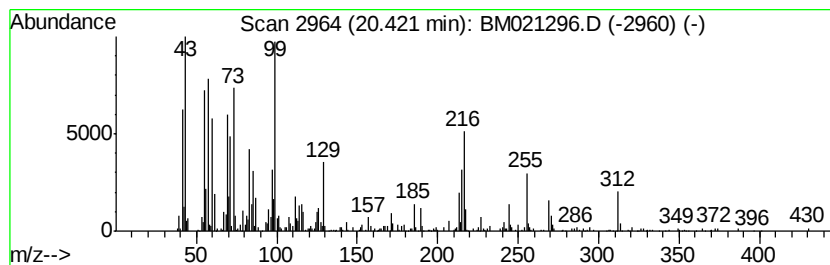
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Eicosanoic acid Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.21 ng/ul	650639	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid	312	C20H40O2	000506-30-9	91
2		Eicosanoic acid	312	C20H40O2	000506-30-9	66
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	48
4		Eicosanoic acid	312	C20H40O2	000506-30-9	47
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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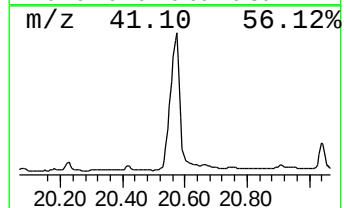
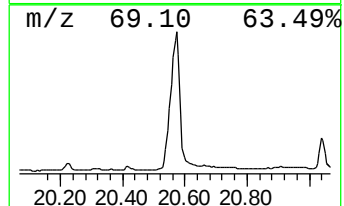
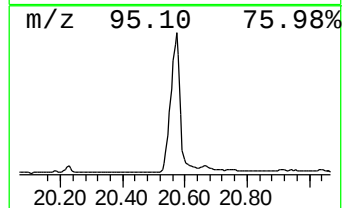
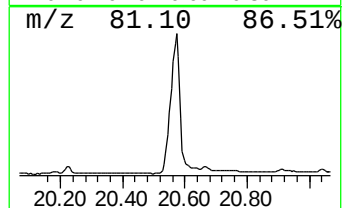
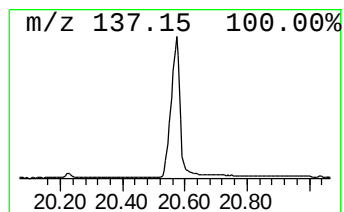
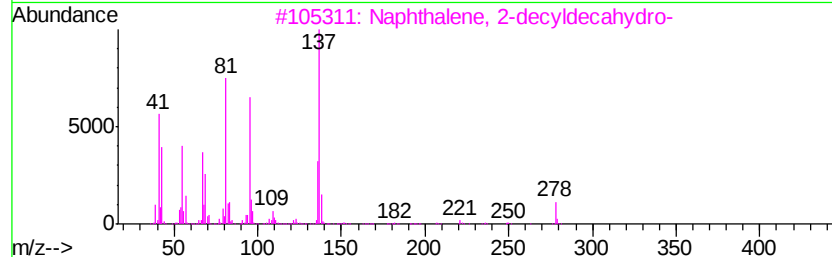
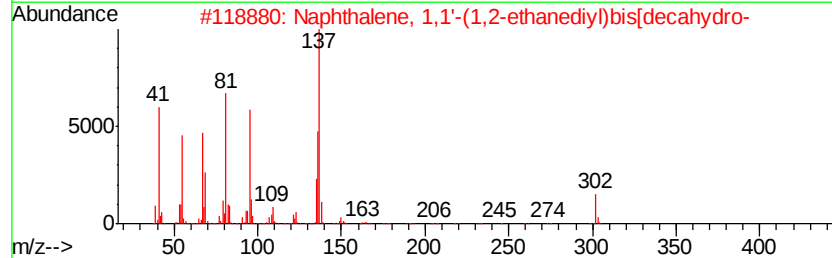
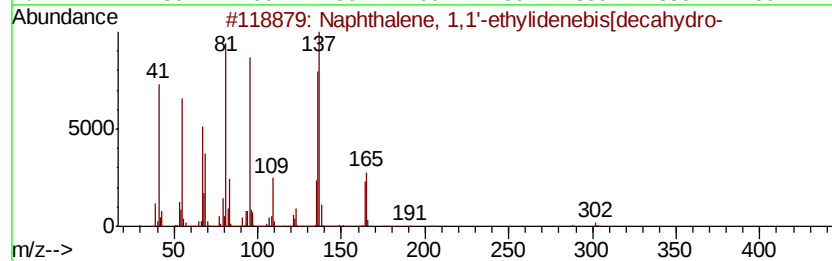
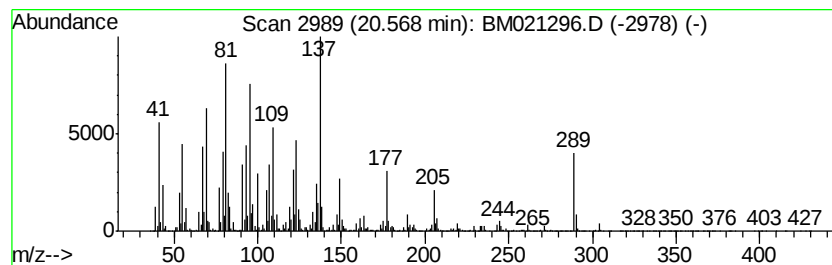
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Naphthalene, 1,1'-ethyliden... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	129.62 ng/ul	38220500	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,1'-ethyldienebis[...	302	C22H38	054934-70-2	50
2		Naphthalene, 1,1'-(1,2-ethanediv...	302	C22H38	054934-69-9	49
3		Naphthalene, 2-decyldecahydro-	278	C20H38	054964-84-0	49
4		2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	46
5		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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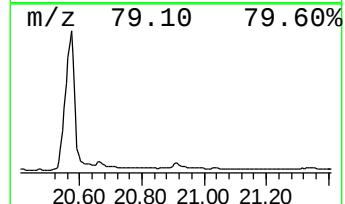
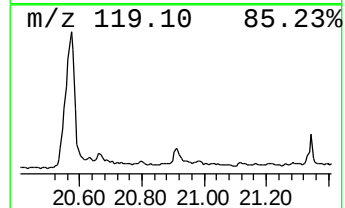
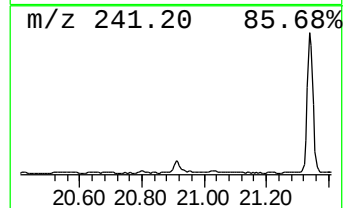
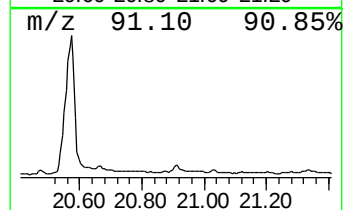
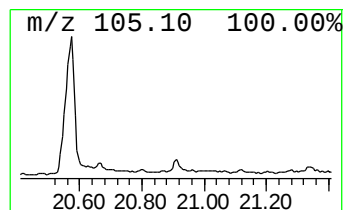
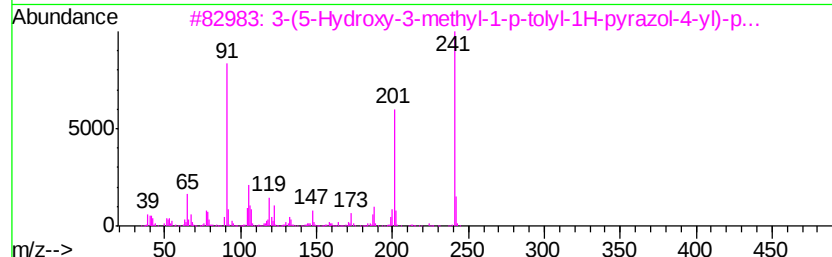
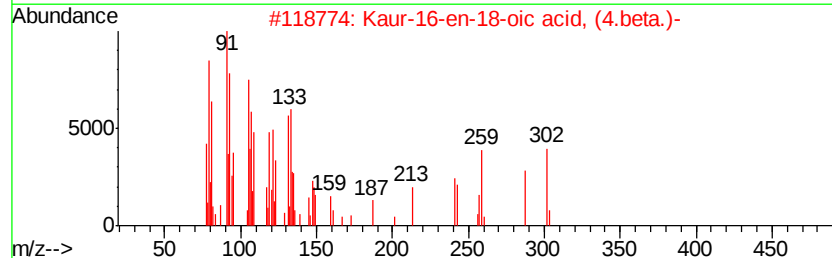
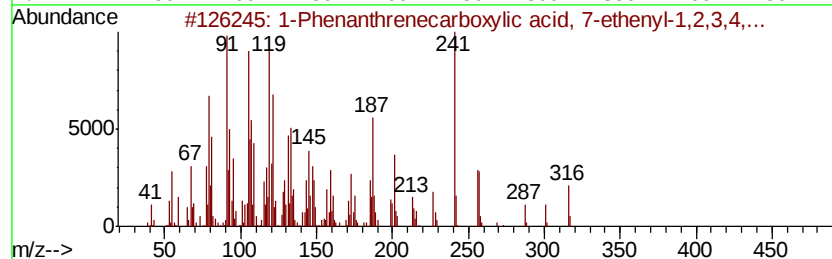
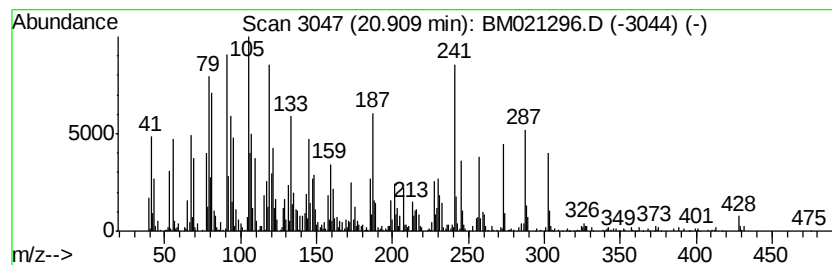
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1-Phenanthrenecarboxylic ac... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.48 ng/ul	730212	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	52
2		Kaur-16-en-18-oic acid, (4.beta.)-	302	C20H30O2	020316-84-1	35
3		3-(5-Hydroxy-3-methyl-1-p-tolyl)-...	241	C14H15N3O	1000275-84-3	15
4		Benzenesulfonamide, 2,4,6-trimet...	333	C18H23NO3S	349402-54-6	10
5		trans-.alpha.-Bergamotene	204	C15H24	1000293-01-5	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB2

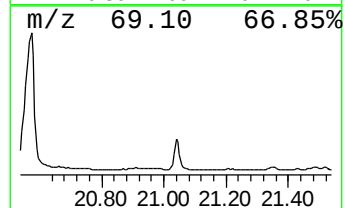
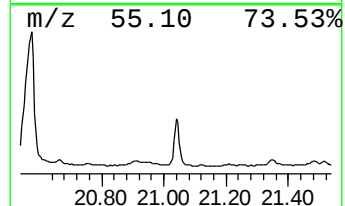
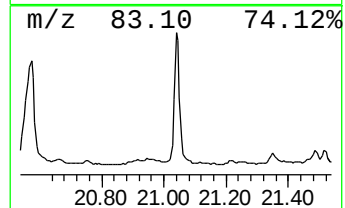
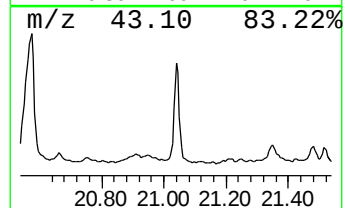
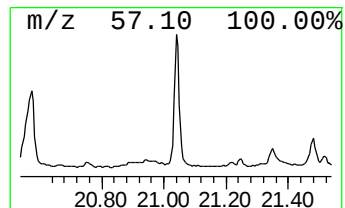
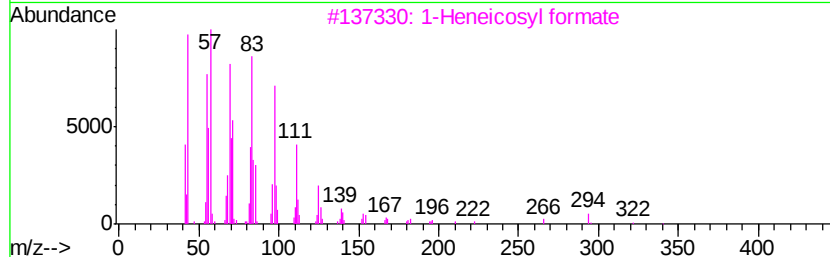
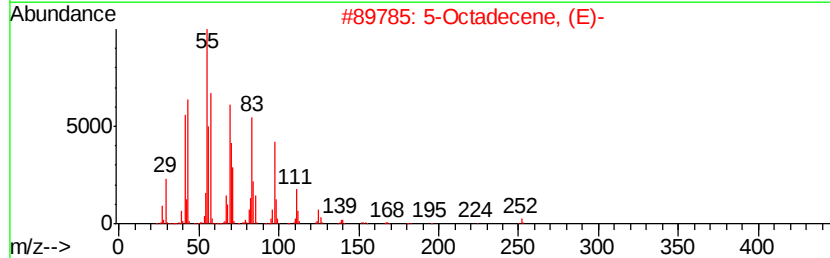
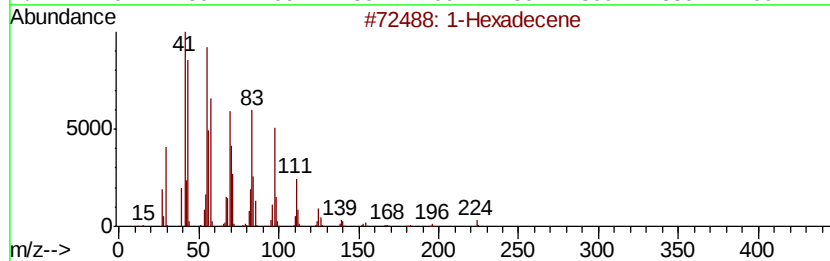
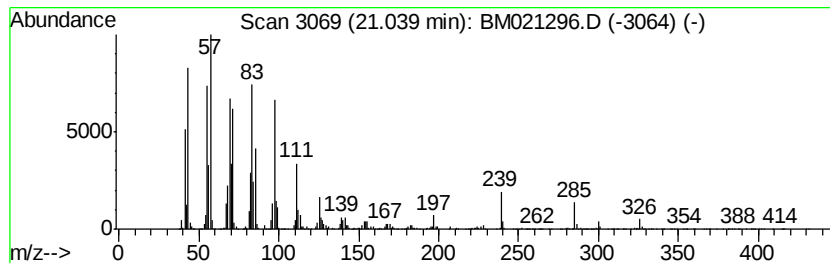
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Cyclic21.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	13.22 ng/ul	3898900	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	93
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	92
4		Cyclohexadecane	224	C16H32	000295-65-8	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB2

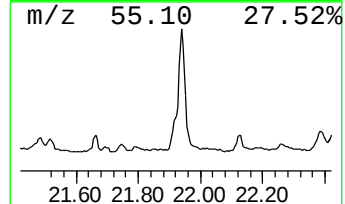
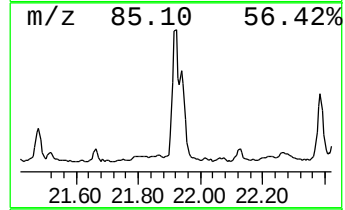
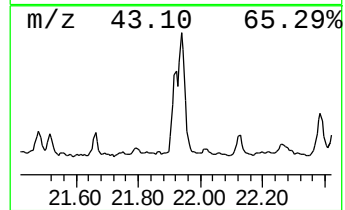
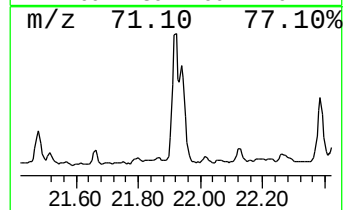
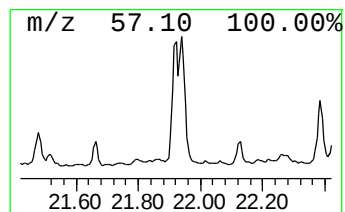
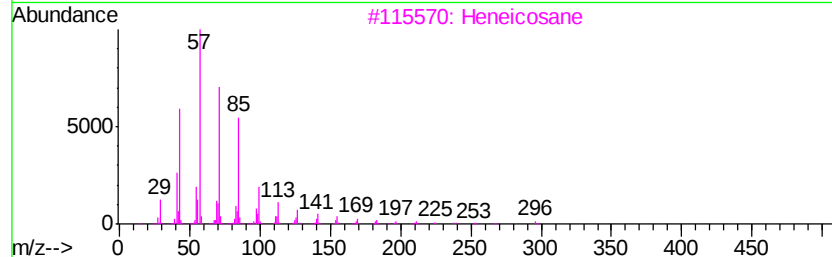
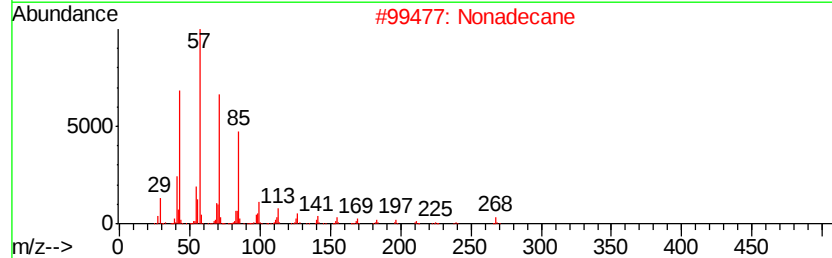
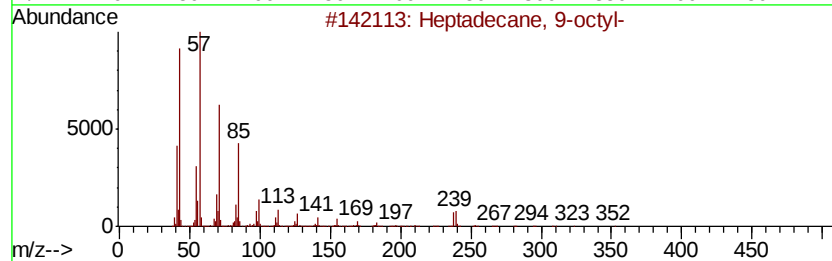
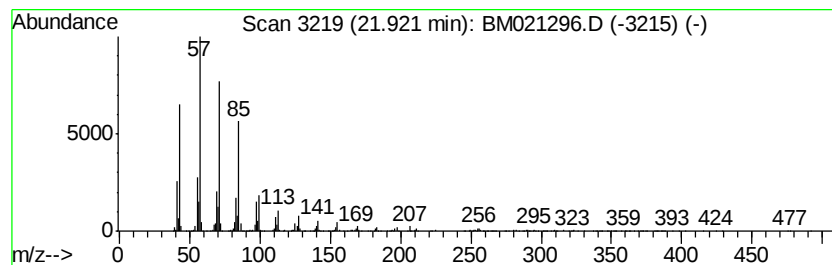
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.83 ng/ul	1130210	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2			Nonadecane	268	C19H40	000629-92-5	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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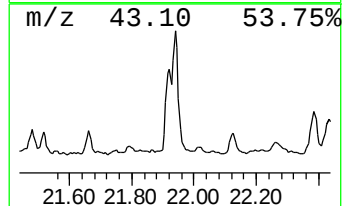
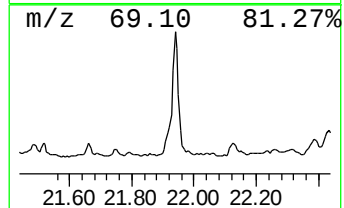
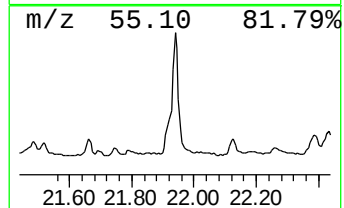
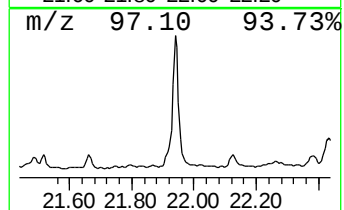
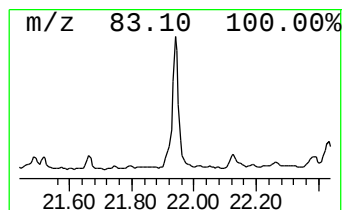
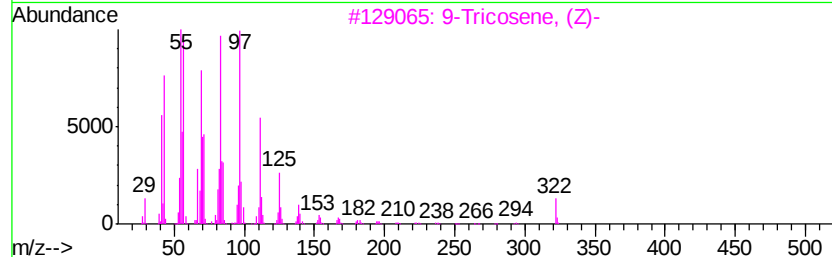
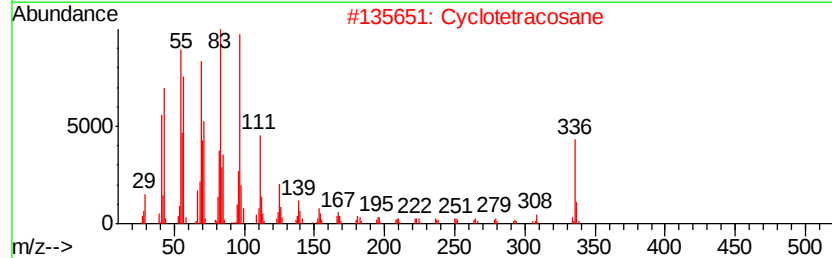
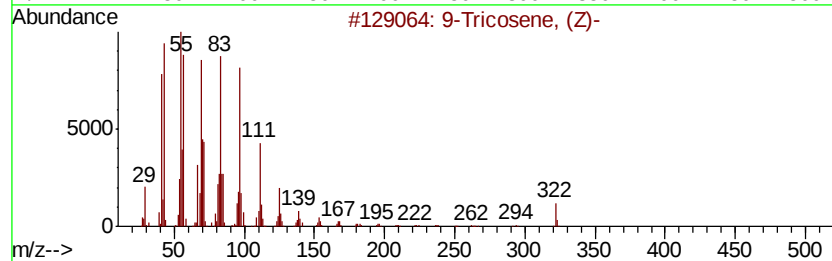
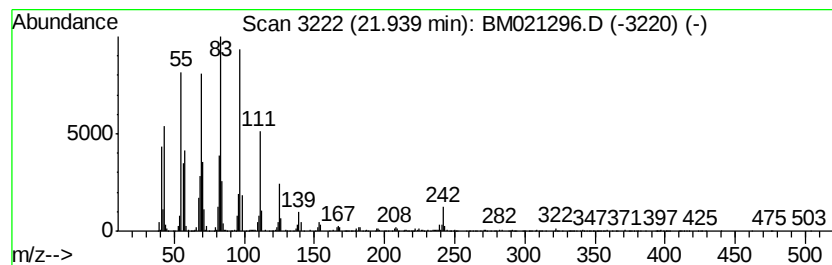
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Cyclic21.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	10.30 ng/ul	3037660	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2		Cyclotetracosane	336	C24H48	000297-03-0	90
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
4		1-Octadecanol	270	C18H38O	000112-92-5	90
5		Cyclopentadecane	210	C15H30	000295-48-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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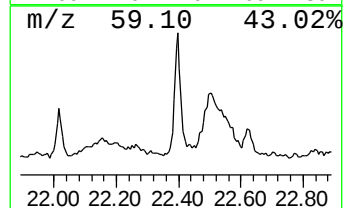
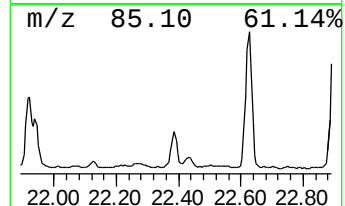
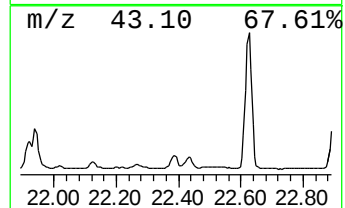
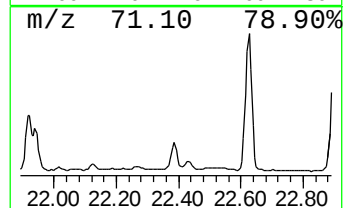
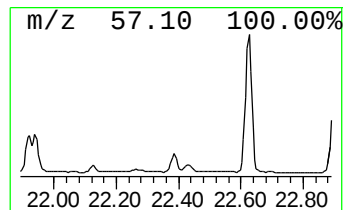
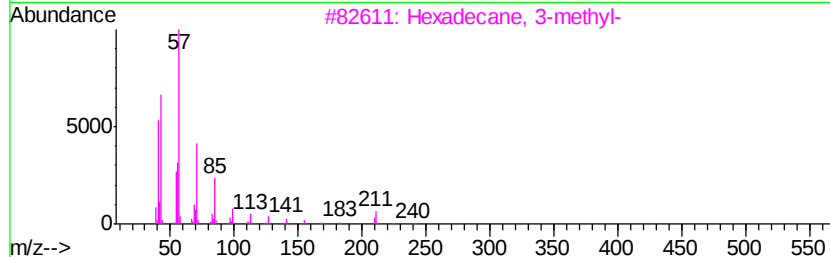
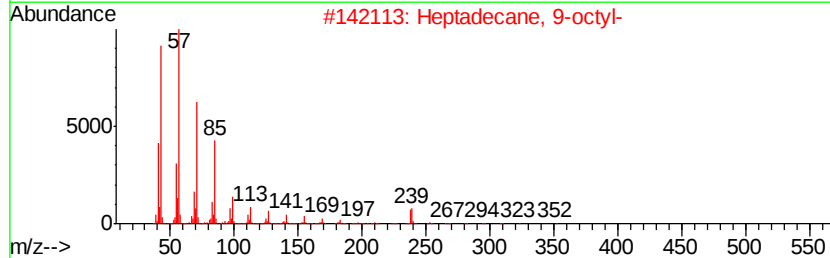
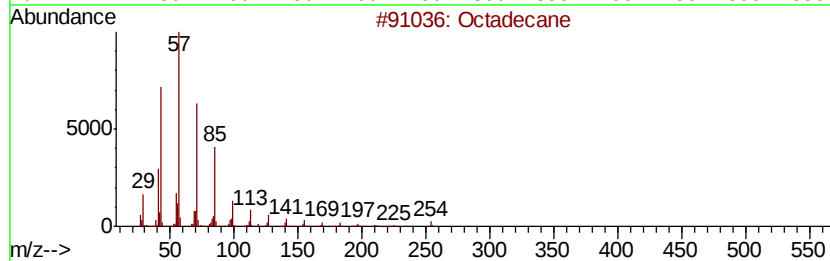
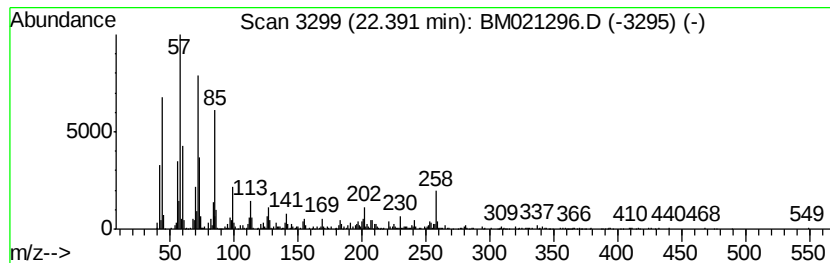
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.35 ng/ul	691950	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	86
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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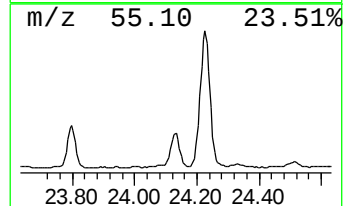
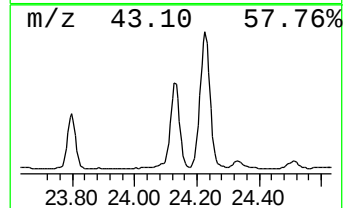
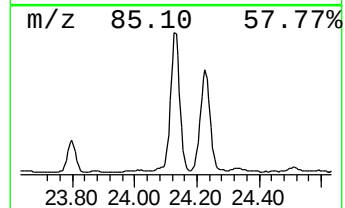
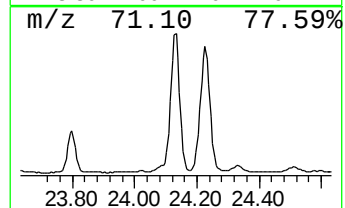
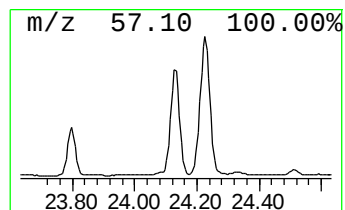
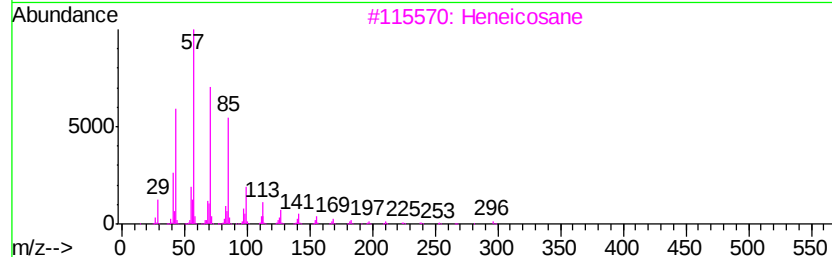
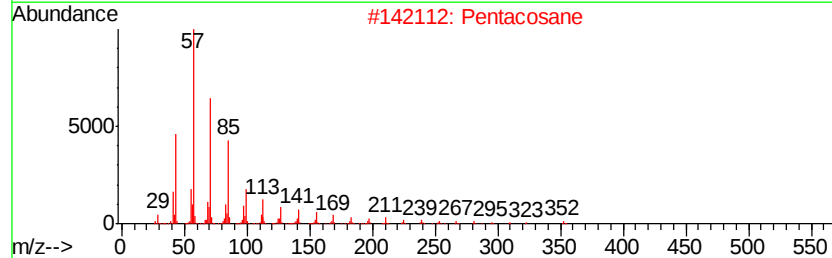
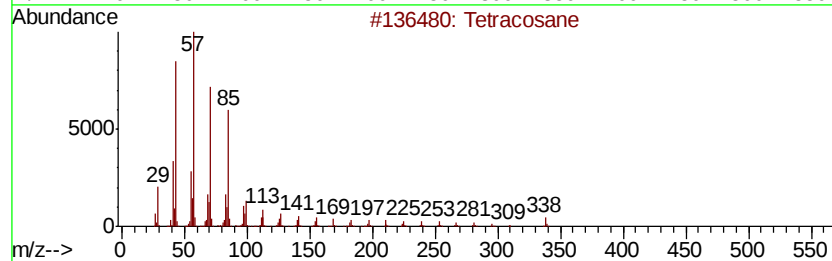
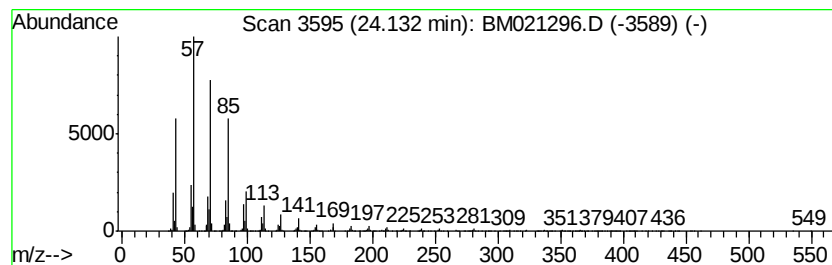
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	41.17 ng/ul	7589790	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
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Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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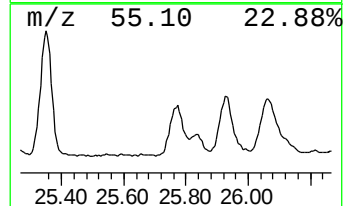
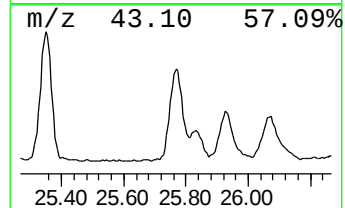
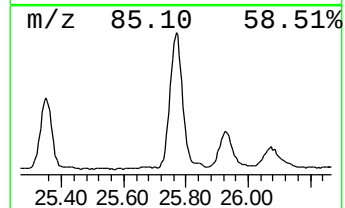
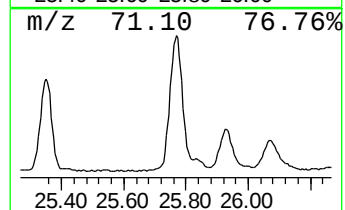
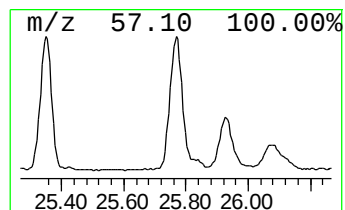
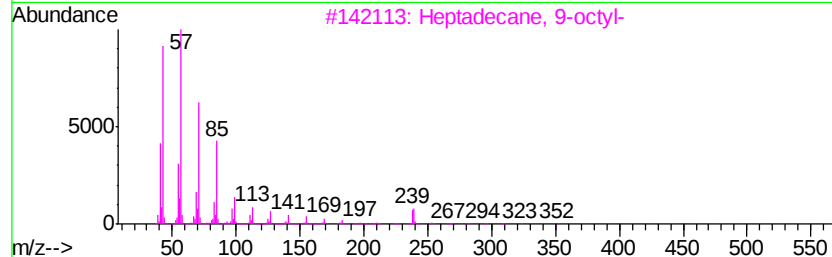
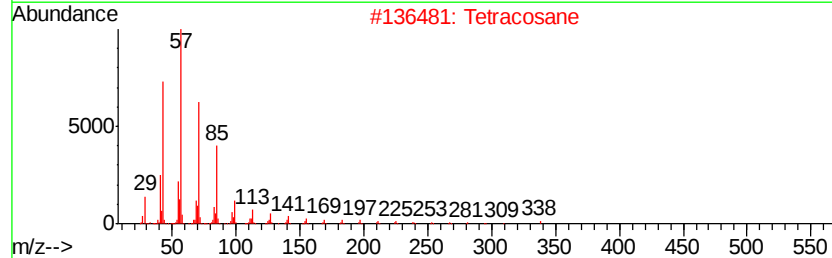
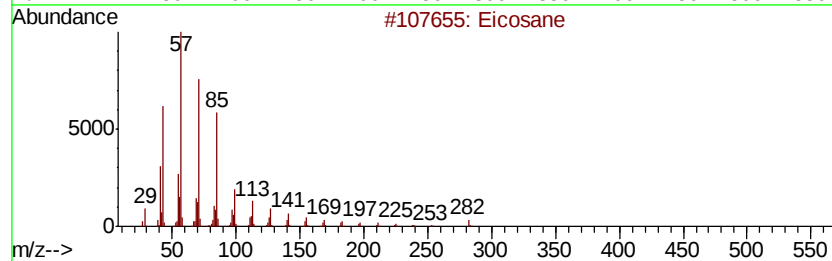
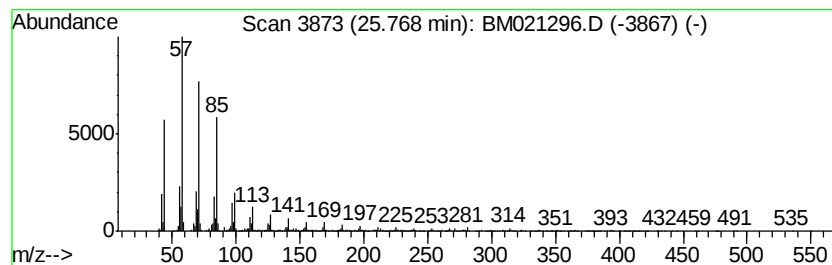
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	21.07 ng/ul	3883950	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetracosane	338	C24H50	000646-31-1	96
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4		Octadecane	254	C18H38	000593-45-3	94
5		Docosane	310	C22H46	000629-97-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021296.D
 Acq On : 30 Jun 2019 13:32
 Operator : HP/JU
 Sample : K3590-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB2

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	38.9	ng/ul	3844810	1	7.76	1977050	20.0
Cyclotrisiloxane,...	4.40	6.6	ng/ul	649264	1	7.76	1977050	20.0
Hexyl chloroformate	5.27	3.1	ng/ul	309085	1	7.76	1977050	20.0
1R-.alpha.-Pinene	6.43	9.1	ng/ul	903106	1	7.76	1977050	20.0
Hexanoic acid	6.81	4.3	ng/ul	420799	1	7.76	1977050	20.0
Cyclotetrasiloxan...	6.86	5.3	ng/ul	519022	1	7.76	1977050	20.0
Bicyclo[3.1.1]hep...	7.19	5.3	ng/ul	522884	1	7.76	1977050	20.0
unknown-01	8.35	2.1	ng/ul	212493	1	7.76	1977050	20.0
Cyclopentasiloxan...	9.28	2.5	ng/ul	370207	2	10.55	2919740	20.0
unknown-02	9.86	2.3	ng/ul	333303	2	10.55	2919740	20.0
(+)-Cycloisosativene	14.46	2.4	ng/ul	476885	3	14.40	3923500	20.0
.alpha.-Cadinol	15.96	3.5	ng/ul	665132	4	17.15	3813770	20.0
Tetradecanoic acid	16.55	3.8	ng/ul	730353	4	17.15	3813770	20.0
unknown-03	16.90	2.6	ng/ul	503317	4	17.15	3813770	20.0
Pentadecanoic acid	17.04	5.1	ng/ul	972772	4	17.15	3813770	20.0
unknown-04	17.31	10.7	ng/ul	2046170	4	17.15	3813770	20.0
Z-7-Hexadecenoic ...	17.93	13.1	ng/ul	2487590	4	17.15	3813770	20.0
Hexadecenoic acid...	17.99	15.6	ng/ul	2976270	4	17.15	3813770	20.0
n-Hexadecanoic acid	18.06	61.6	ng/ul	11742700	4	17.15	3813770	20.0
unknown-05	18.32	7.6	ng/ul	1447460	4	17.15	3813770	20.0
1H-Naphtho[2,1-b]...	18.66	3.9	ng/ul	735326	4	17.15	3813770	20.0
Heptadecanoic acid	18.72	2.2	ng/ul	420548	4	17.15	3813770	20.0
Acetic acid, 3-(5...	18.97	6.4	ng/ul	1224040	4	17.15	3813770	20.0
Phytol	19.06	13.2	ng/ul	2511270	4	17.15	3813770	20.0
Octadecanoic acid	19.33	8.9	ng/ul	2629290	5	21.34	5897310	20.0
unknown-06	20.02	9.2	ng/ul	2702030	5	21.34	5897310	20.0
Pyrene, 1-methyl-	20.23	4.3	ng/ul	1282580	5	21.34	5897310	20.0
Eicosanoic acid	20.42	2.2	ng/ul	650639	5	21.34	5897310	20.0
Naphthalene, 1,1'...	20.57	129.6	ng/ul	38220500	5	21.34	5897310	20.0
1-Phenanthrenecar...	20.91	2.5	ng/ul	730212	5	21.34	5897310	20.0
(DEL) Alkane: Cyc...	21.04	13.2	ng/ul	3898900	5	21.34	5897310	20.0
(DEL) Alkane: Str...	21.92	3.8	ng/ul	1130210	5	21.34	5897310	20.0
(DEL) Alkane: Cyc...	21.94	10.3	ng/ul	3037660	5	21.34	5897310	20.0
(DEL) Alkane: Str...	22.39	2.4	ng/ul	691950	5	21.34	5897310	20.0
(DEL) Alkane: Str...	24.13	41.2	ng/ul	7589790	6	23.61	3687120	20.0
(DEL) Alkane: Str...	25.77	21.1	ng/ul	3883950	6	23.61	3687120	20.0