

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021191.D
 Acq On : 26 Jun 2019 14:39
 Operator : HP/JU
 Sample : K3501-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6AC6

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	22	rVB	3350957	4351792	81.19%	4.867%
2	3.281	48	50	58	rVB	30607	41183	0.77%	0.046%
3	4.410	238	242	250	rVB	457711	618138	11.53%	0.691%
4	4.899	322	325	331	rVB	28191	36628	0.68%	0.041%
5	5.005	339	343	348	rVB2	33255	42301	0.79%	0.047%
6	6.446	583	588	595	rVB	54942	84562	1.58%	0.095%
7	6.869	655	660	665	rBV	322571	446574	8.33%	0.499%
8	6.934	665	671	684	rVB	669247	1123499	20.96%	1.257%
9	7.110	694	701	710	rBV	516504	815672	15.22%	0.912%
10	7.298	726	733	742	rVB	686626	1092704	20.39%	1.222%
11	7.763	806	812	821	rBV	801025	1315254	24.54%	1.471%
12	8.469	925	932	944	rBV	800602	1287679	24.02%	1.440%
13	8.593	949	953	961	rVB3	10980	19011	0.35%	0.021%
14	8.928	1003	1010	1021	rBV	706908	1169606	21.82%	1.308%
15	9.298	1066	1073	1081	rBV	205629	302928	5.65%	0.339%
16	9.645	1124	1132	1143	rBV	607844	1016631	18.97%	1.137%
17	10.175	1214	1222	1232	rBV	1066576	1756625	32.77%	1.965%
18	10.551	1278	1286	1294	rBV	1225800	2084195	38.89%	2.331%
19	10.698	1304	1311	1329	rVV	627215	1199220	22.37%	1.341%
20	11.786	1491	1496	1502	rBV	151057	221181	4.13%	0.247%
21	12.145	1551	1557	1565	rVV	19192	29635	0.55%	0.033%
22	13.275	1743	1749	1756	rBV3	26516	53944	1.01%	0.060%
23	13.339	1756	1760	1768	rVB7	7469	17242	0.32%	0.019%
24	13.716	1820	1824	1832	rVB3	39108	57315	1.07%	0.064%
25	13.822	1832	1842	1846	rBV	2115751	3111814	58.06%	3.480%
26	13.869	1846	1850	1857	rVV	935140	1271621	23.73%	1.422%
27	14.098	1883	1889	1897	rVV	2364856	3536261	65.98%	3.955%
28	14.163	1897	1900	1908	rVV4	17979	25517	0.48%	0.029%
29	14.239	1908	1913	1916	rVV4	19767	28275	0.53%	0.032%
30	14.292	1916	1922	1927	rVV4	11622	25422	0.47%	0.028%
31	14.357	1927	1933	1936	rVV	356700	479608	8.95%	0.536%
32	14.410	1936	1942	1948	rVV2	2103748	3234336	60.34%	3.617%
33	14.469	1948	1952	1961	rVB4	32702	67616	1.26%	0.076%
34	14.616	1971	1977	1990	rVV2	540800	1060172	19.78%	1.186%

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 Title : SVOA CALIBRATION

35	14.722	1990	1995	2001	rVV	44096	83385	1.56%	0.093%
36	14.822	2008	2012	2017	rVV7	19057	39443	0.74%	0.044%
37	15.198	2071	2076	2080	rBV	52355	67620	1.26%	0.076%
38	15.357	2099	2103	2105	rBV	97559	115052	2.15%	0.129%
39	15.404	2105	2111	2118	rVV	3171538	4515083	84.24%	5.050%
40	15.527	2127	2132	2144	rVV	708940	993930	18.54%	1.112%
41	15.645	2146	2152	2158	rVB3	63869	106389	1.98%	0.119%
42	15.739	2163	2168	2171	rBV4	25089	43252	0.81%	0.048%
43	15.780	2171	2175	2183	rVV	229016	328955	6.14%	0.368%
44	15.880	2184	2192	2201	rVB5	45671	104987	1.96%	0.117%
45	15.974	2201	2208	2213	rBV9	29370	57144	1.07%	0.064%
46	16.116	2228	2232	2235	rBV5	20276	33089	0.62%	0.037%
47	16.257	2251	2256	2259	rBV7	17036	27123	0.51%	0.030%
48	16.298	2259	2263	2269	rVB7	24208	45631	0.85%	0.051%
49	16.551	2303	2306	2310	rVV5	28368	36592	0.68%	0.041%
50	16.604	2311	2315	2321	rVB	84278	109081	2.04%	0.122%
51	16.904	2363	2366	2371	rBV6	19712	30392	0.57%	0.034%
52	17.045	2386	2390	2397	rBV4	34188	58949	1.10%	0.066%
53	17.110	2397	2401	2403	rBV4	28286	34725	0.65%	0.039%
54	17.157	2403	2409	2413	rVV2	2723924	3933744	73.39%	4.400%
55	17.198	2413	2416	2420	rVV	245716	335368	6.26%	0.375%
56	17.257	2420	2426	2435	rVV	3269398	4763798	88.88%	5.328%
57	17.439	2454	2457	2460	rVB4	14785	16679	0.31%	0.019%
58	17.563	2476	2478	2483	rVB2	18297	17689	0.33%	0.020%
59	17.639	2488	2491	2493	rBV3	16345	16330	0.30%	0.018%
60	17.674	2493	2497	2503	rVV2	77849	97400	1.82%	0.109%
61	17.733	2503	2507	2512	rVB2	16902	27532	0.51%	0.031%
62	17.921	2534	2539	2547	rBV4	67667	138028	2.58%	0.154%
63	17.986	2547	2550	2554	rBV4	36201	44353	0.83%	0.050%
64	18.051	2554	2561	2571	rBV2	1208268	1956610	36.51%	2.188%
65	18.221	2586	2590	2594	rBV3	69832	109473	2.04%	0.122%
66	18.262	2594	2597	2606	rVB	42180	59297	1.11%	0.066%
67	18.339	2606	2610	2614	rBV4	48463	74303	1.39%	0.083%
68	18.533	2639	2643	2647	rVB	36045	45600	0.85%	0.051%
69	18.580	2647	2651	2654	rBV2	38877	57100	1.07%	0.064%
70	18.615	2654	2657	2661	rVB	69946	82619	1.54%	0.092%
71	18.774	2682	2684	2689	rVB3	17276	18585	0.35%	0.021%

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72	18.910	2704	2707	2709	rBV2	22416	27217	0.51%	0.030%
73	18.968	2710	2717	2721	rVV3	57079	113404	2.12%	0.127%
74	19.215	2754	2759	2766	rVB	674318	977504	18.24%	1.093%
75	19.327	2773	2778	2789	rBV	383557	636671	11.88%	0.712%
76	19.421	2790	2794	2803	rVB3	93205	192482	3.59%	0.215%
77	19.551	2810	2816	2820	rBV	3734765	5359810	100.00%	5.995%
78	19.892	2872	2874	2883	rBV2	35969	73735	1.38%	0.082%
79	20.080	2900	2906	2910	rVV3	159296	307485	5.74%	0.344%
80	20.115	2910	2912	2916	rVB	76869	80868	1.51%	0.090%
81	20.374	2954	2956	2959	rVB2	49189	42561	0.79%	0.048%
82	20.580	2988	2991	2995	rVB	135539	148015	2.76%	0.166%
83	20.745	3016	3019	3023	rVB2	95130	109200	2.04%	0.122%
84	20.892	3040	3044	3053	rBV	1102033	1326433	24.75%	1.484%
85	21.045	3066	3070	3079	rVB	1234686	1574682	29.38%	1.761%
86	21.339	3113	3120	3124	rBV	2784146	3917317	73.09%	4.381%
87	21.374	3124	3126	3135	rVB	341498	446557	8.33%	0.499%
88	21.480	3141	3144	3151	rBV2	333024	427463	7.98%	0.478%
89	21.921	3215	3219	3221	rBV	827724	969775	18.09%	1.085%
90	21.945	3221	3223	3230	rVB	649882	889278	16.59%	0.995%
91	22.392	3295	3299	3303	rBV	773223	1017476	18.98%	1.138%
92	22.521	3318	3321	3327	rVB	214122	261178	4.87%	0.292%
93	22.627	3335	3339	3345	rBV	586786	816927	15.24%	0.914%
94	22.903	3381	3386	3391	rBV	2525570	3894806	72.67%	4.356%
95	22.956	3391	3395	3406	rVB	1656799	3188679	59.49%	3.566%
96	23.468	3476	3482	3496	rVB2	2341601	4919592	91.79%	5.502%
97	23.615	3501	3507	3513	rVB	1481784	2795902	52.16%	3.127%
98	23.797	3535	3538	3548	rVB	320816	527164	9.84%	0.590%
99	24.133	3590	3595	3603	rVB	1461212	2772366	51.73%	3.101%
100	24.891	3720	3724	3732	rVB	451248	946210	17.65%	1.058%

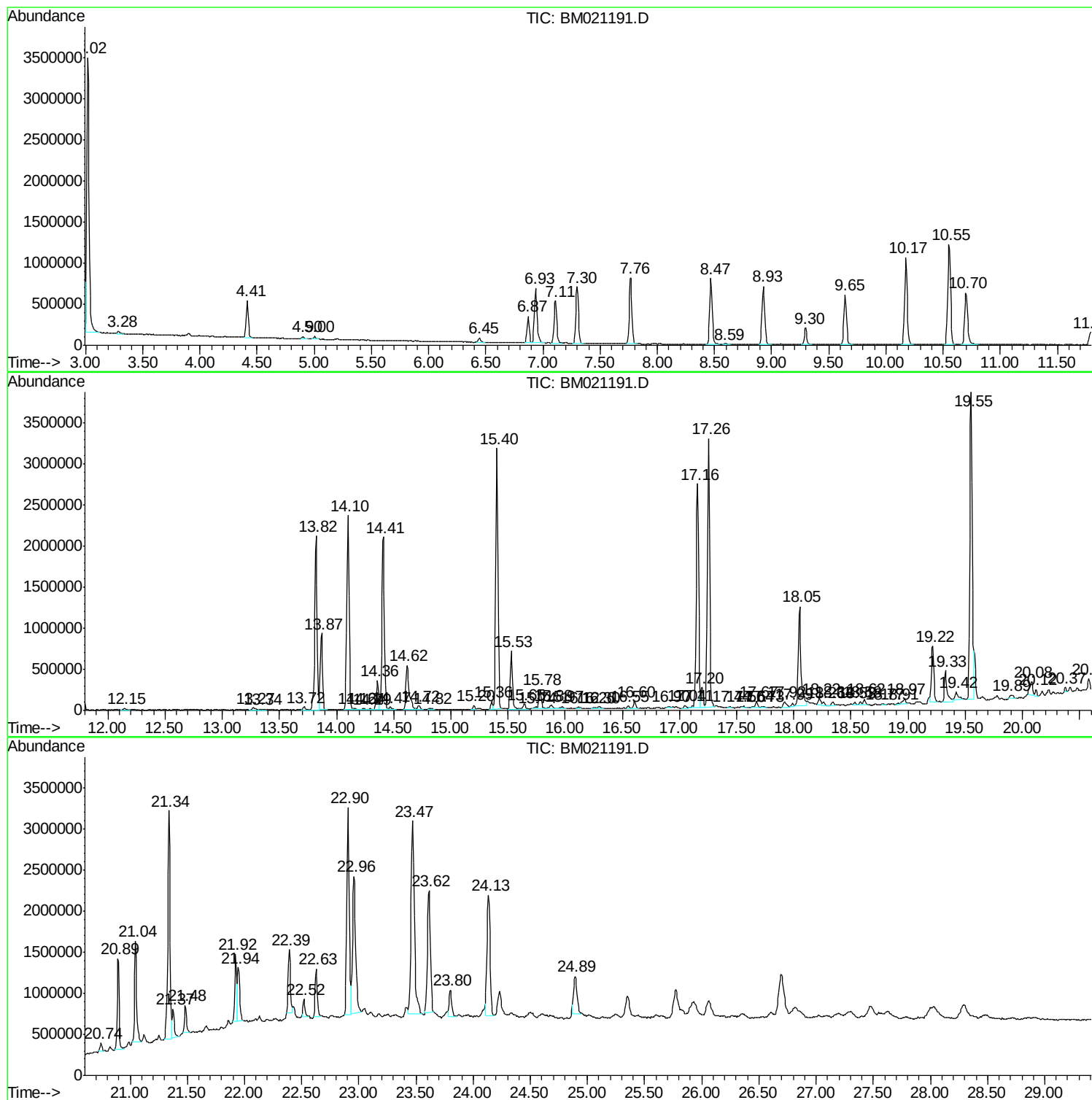
Sum of corrected areas: 89410248

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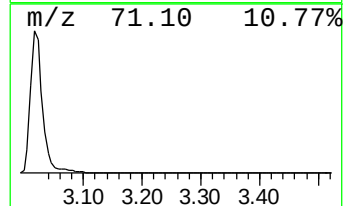
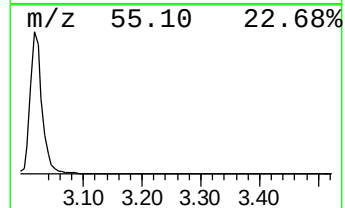
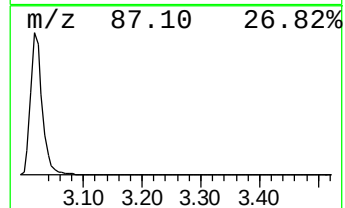
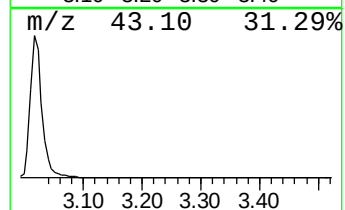
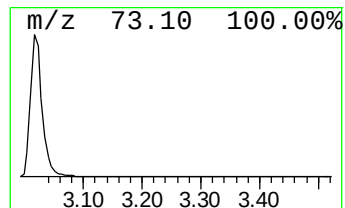
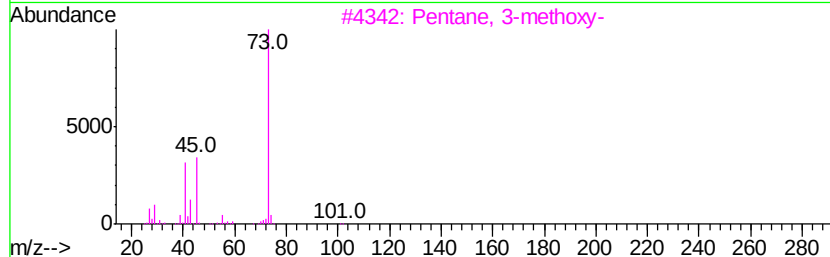
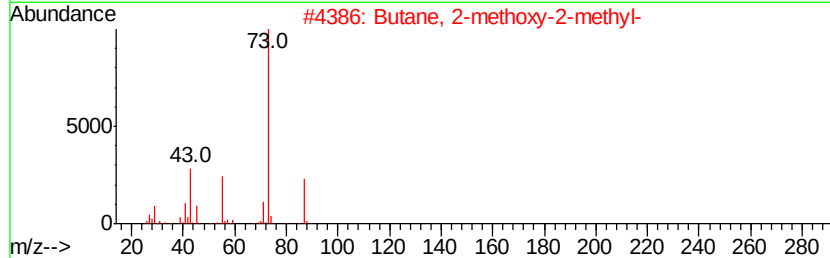
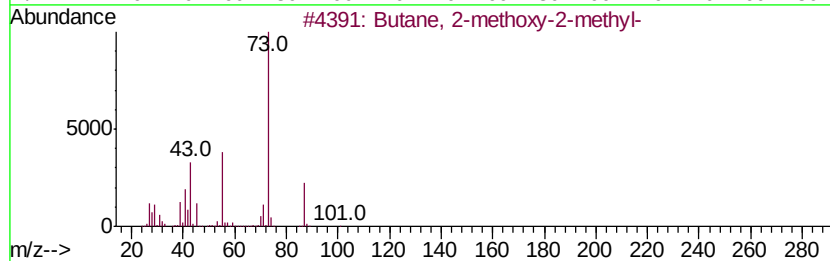
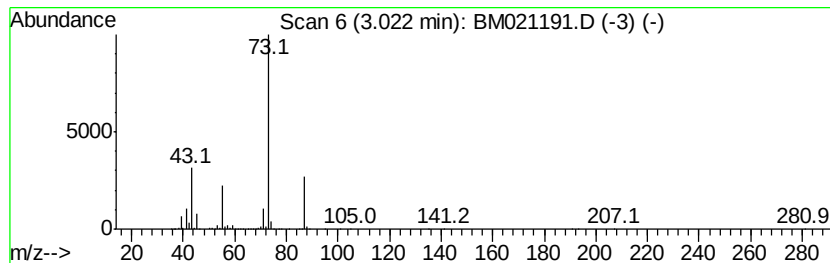
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	66.17 ng/ul	4351790	1,4-Dichlorobenzene-d4	7.76

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



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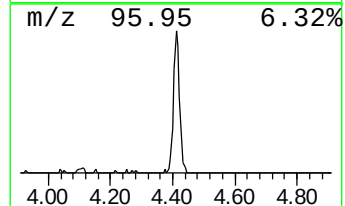
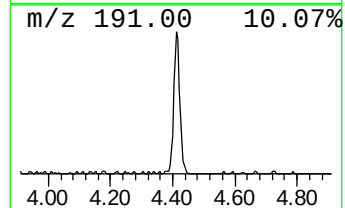
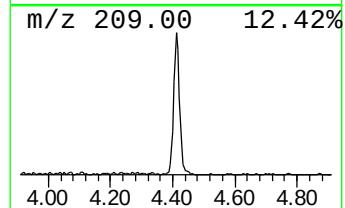
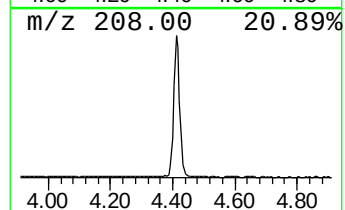
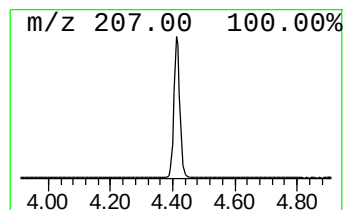
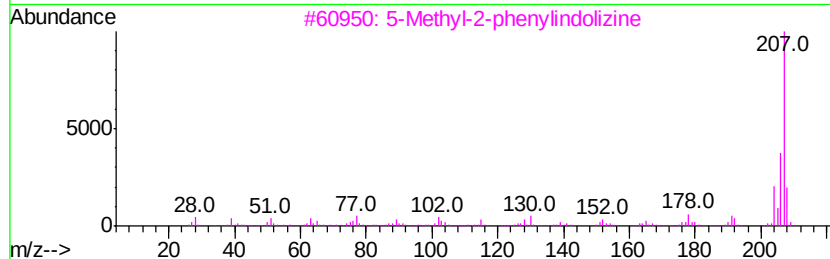
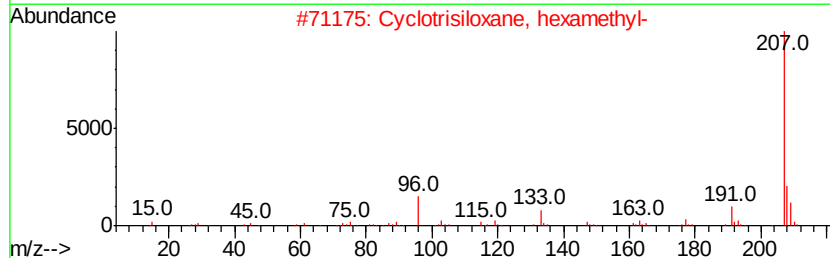
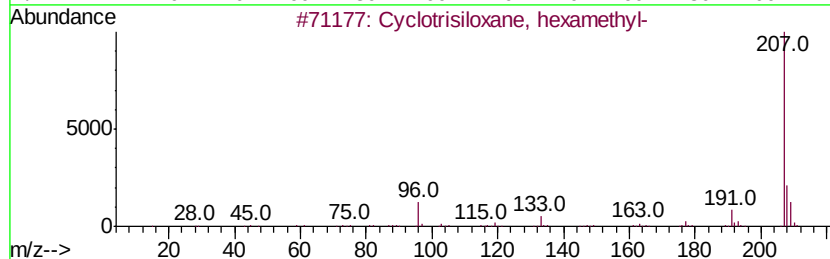
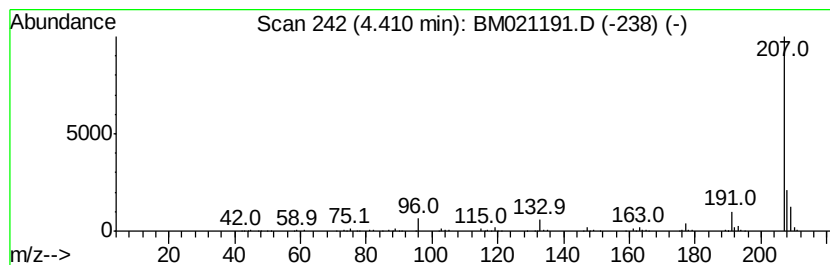
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	9.40 ng/ul	618138	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
4		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
5		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39



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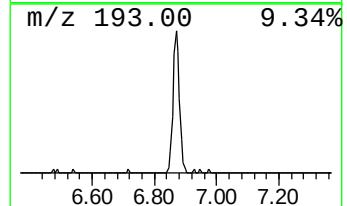
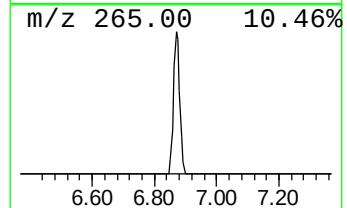
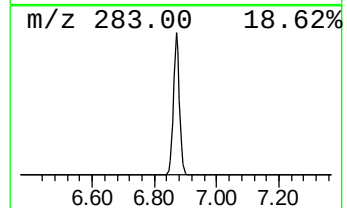
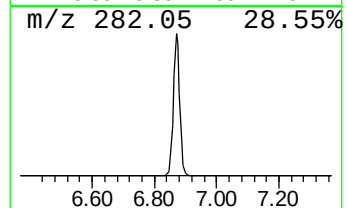
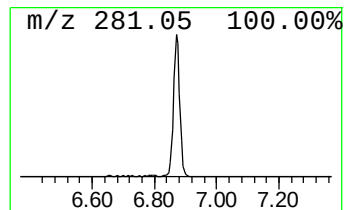
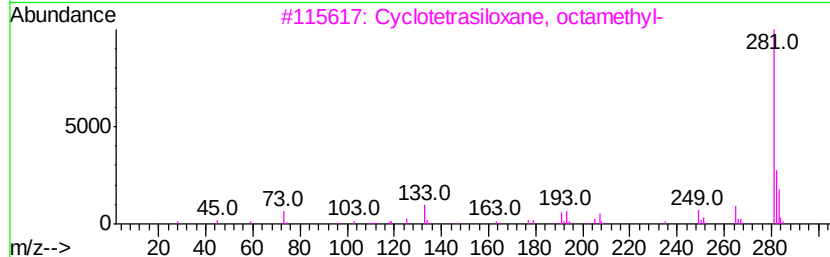
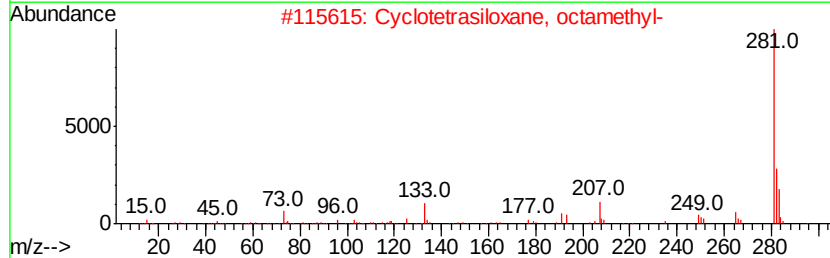
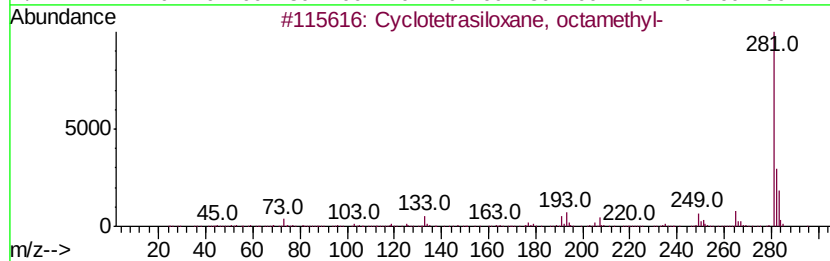
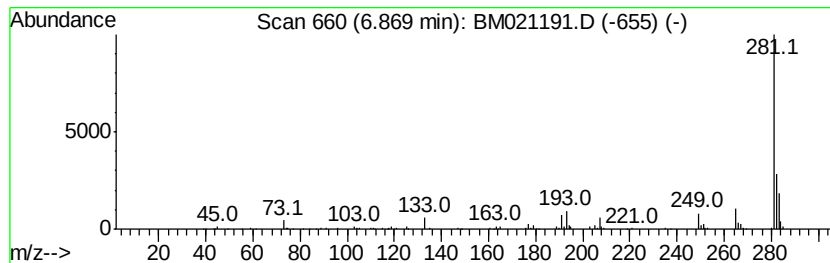
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	6.79 ng/ul	446574	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	83
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	53
4		4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	53
5		4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	50



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Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
Operator : HP/JU
Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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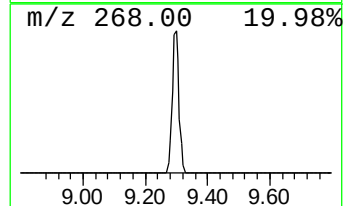
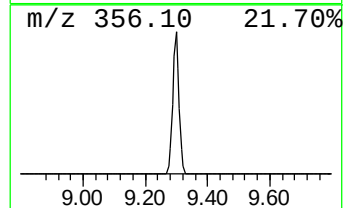
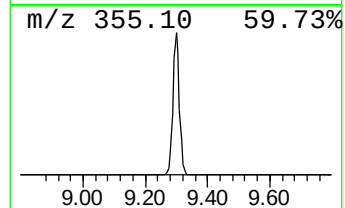
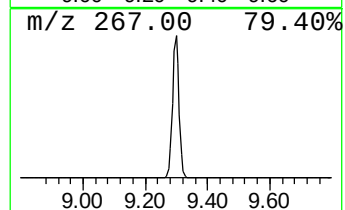
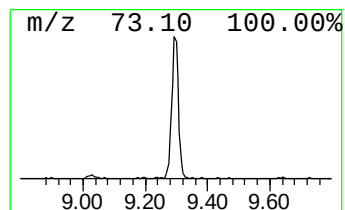
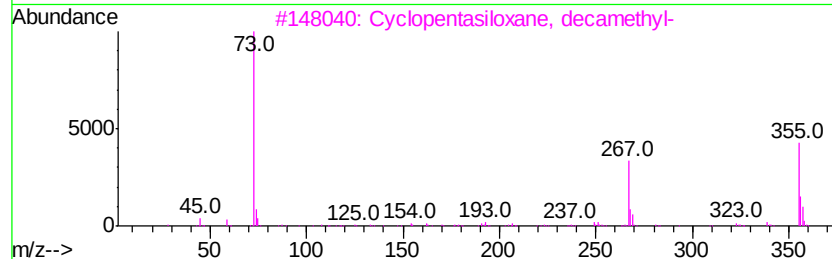
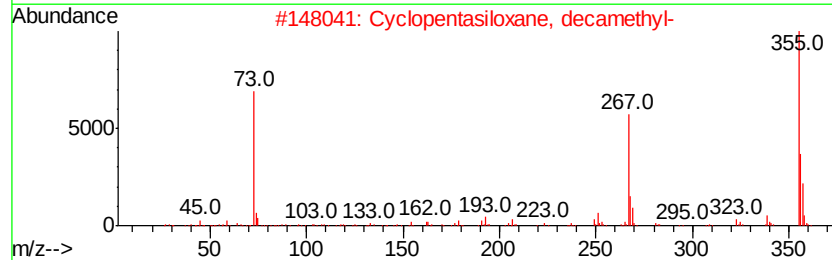
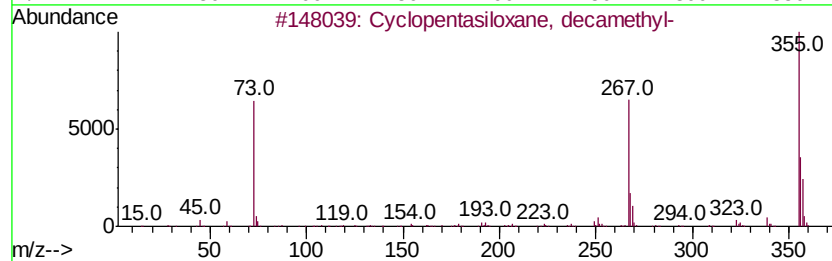
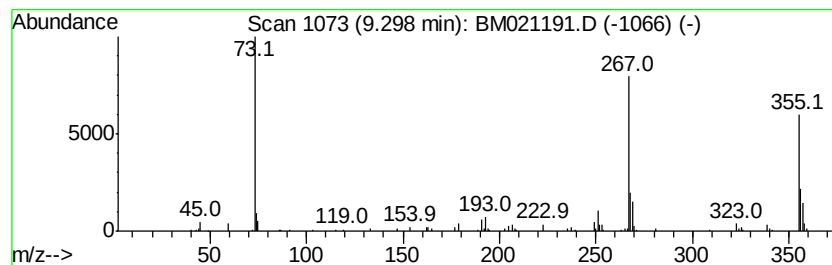
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.91 ng/ul	302928	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		Butanamide, 2,2,3,3,4,4,4-heptafluoro-	493	C18H26F7N03Si2	055471-01-7	43
5		Benzeneacetic acid, .alpha.,4-bis(4-chlorophenyl)-	326	C15H26O4Si2	055334-40-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Sample : K3501-12
Misc :
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Instrument :
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ClientSampleId :
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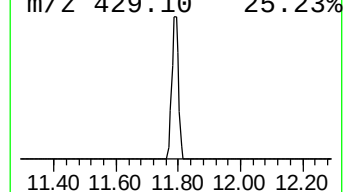
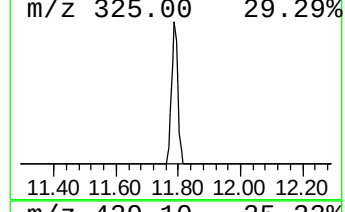
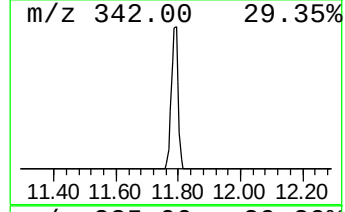
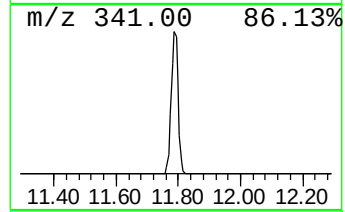
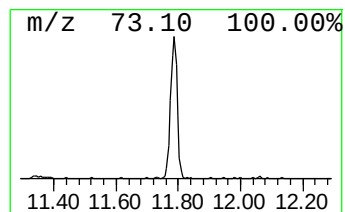
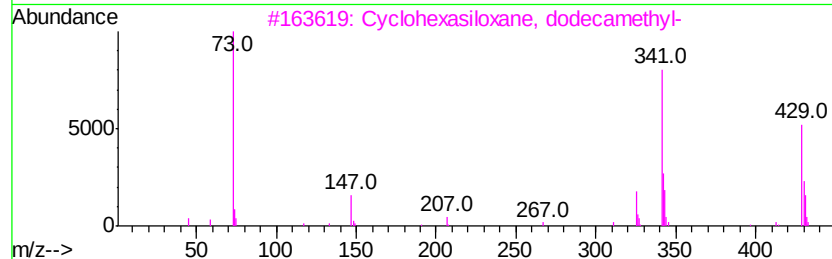
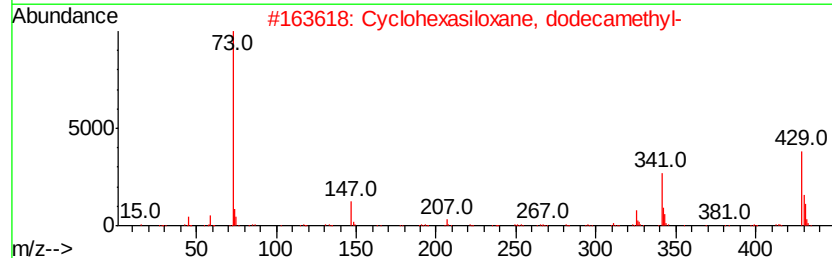
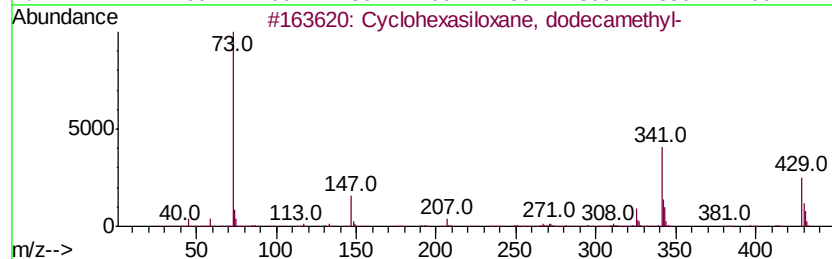
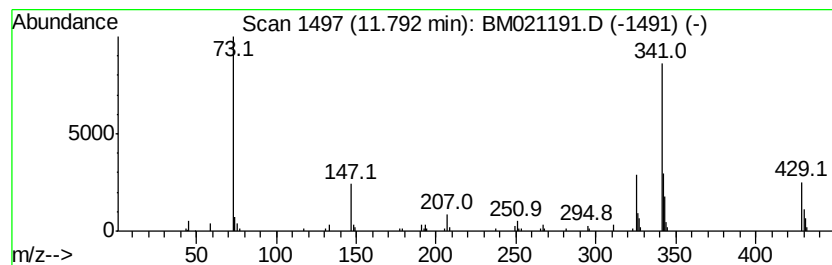
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclohexasiloxane, dodecane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.12 ng/ul	221181	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	87
2		Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	87
3		Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	83
4		Acetic acid, [bis[(trimethylsilyl...	356	C11H29O5PSi3	053044-27-2	38
5		1,3,5,7,9-Pentaethylcyclopentasi...	370	C10H30O5Si5	017995-44-7	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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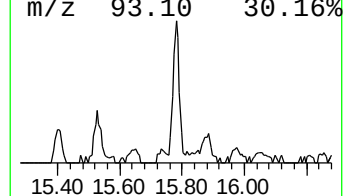
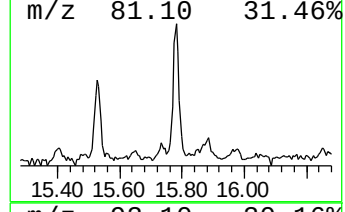
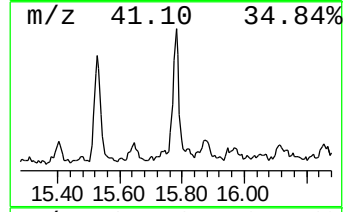
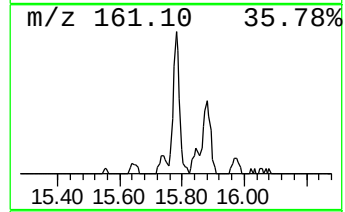
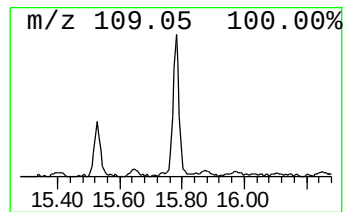
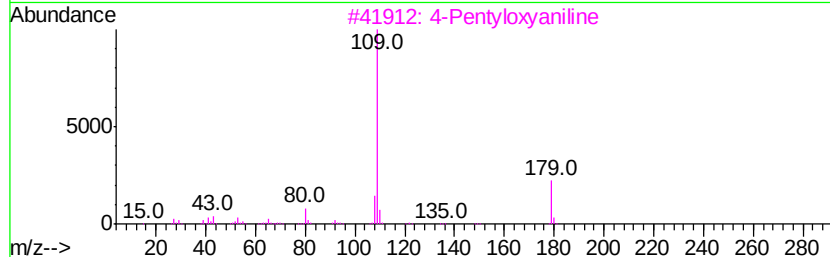
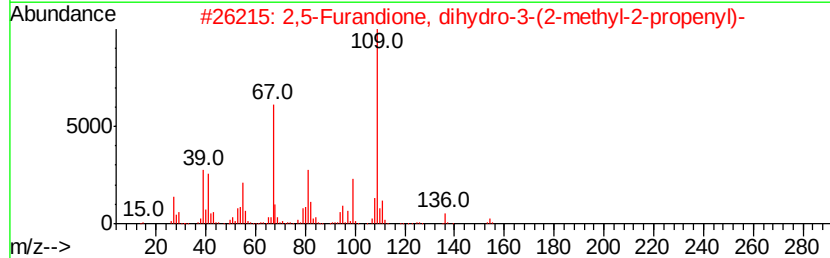
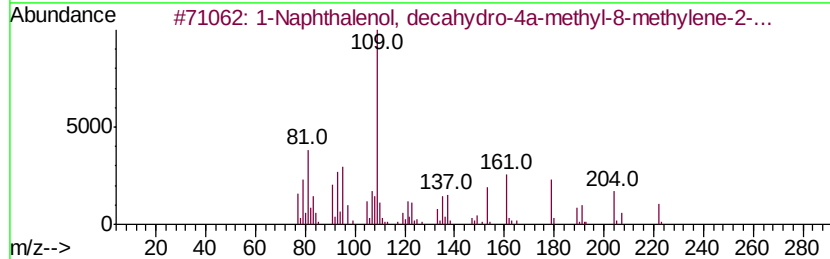
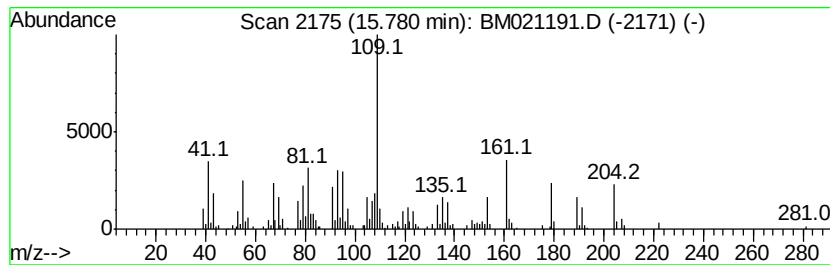
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Naphthalenol, decahydro-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.03 ng/ul	328955	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenol, decahydro-4a-met...	222	C15H26O	030951-17-8	90
2		2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	38
3		4-Pentyloxvaniline	179	C11H17NO	039905-50-5	35
4		trans-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5	35
5		Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
Operator : HP/JU
Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

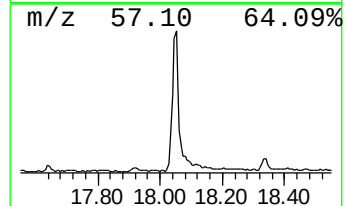
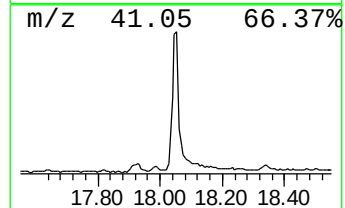
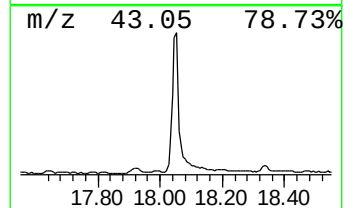
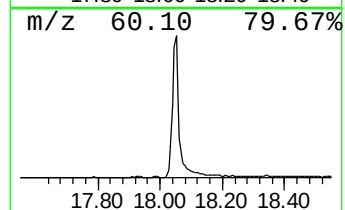
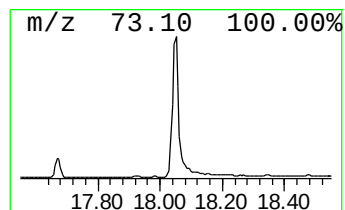
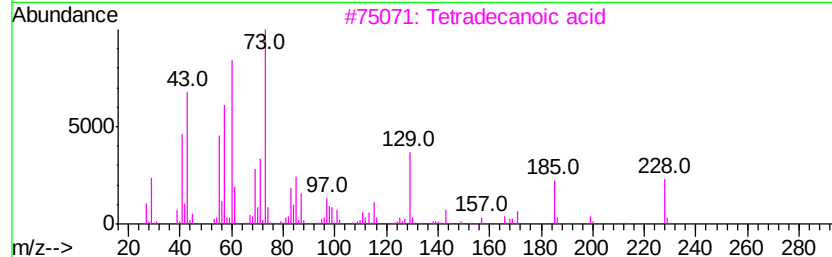
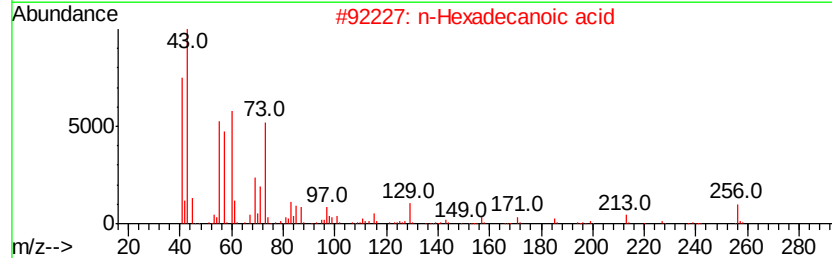
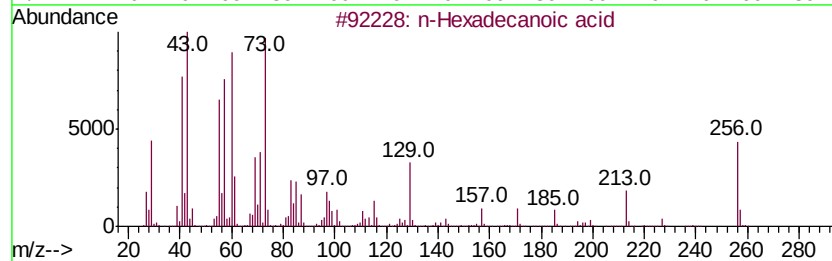
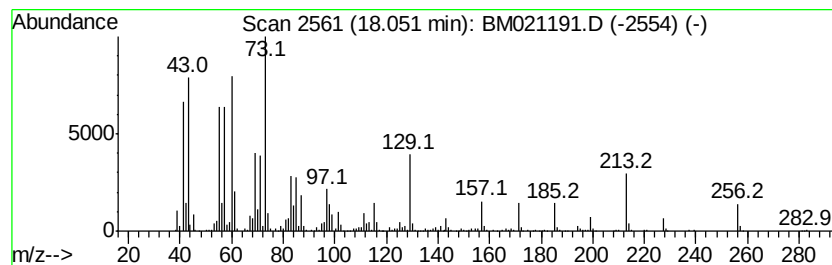
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	9.95 ng/ul	1956610	Phenanthrene-d10		17.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
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Operator : HP/JU
Sample : K3501-12
Misc :
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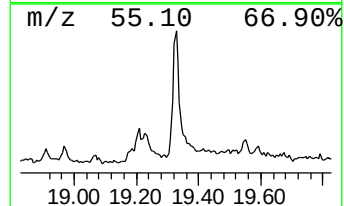
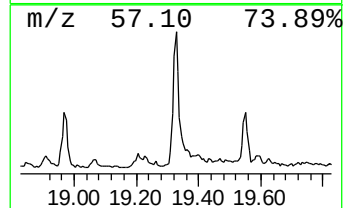
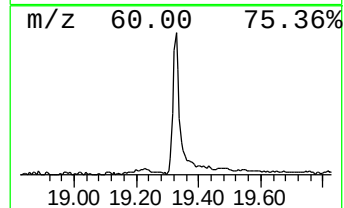
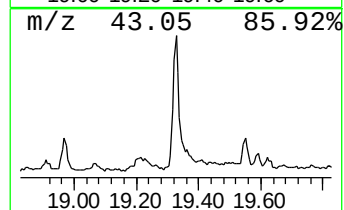
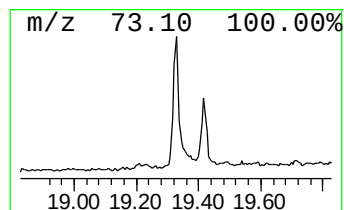
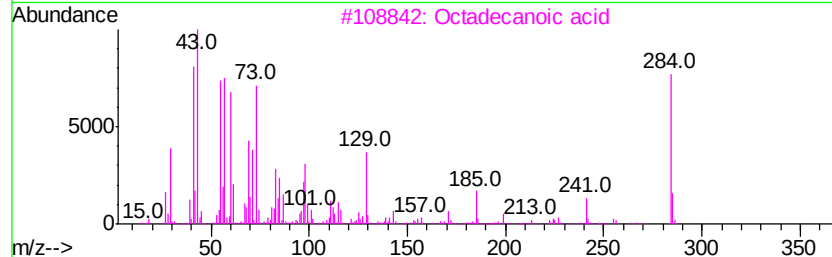
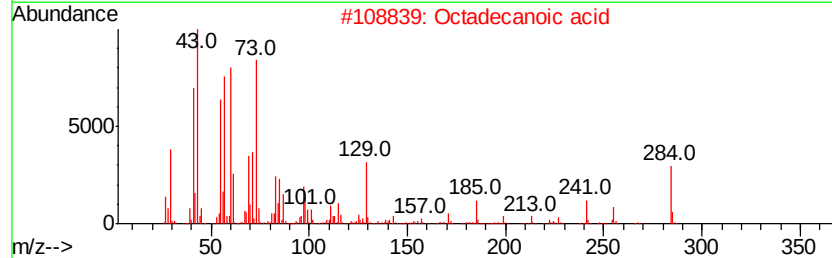
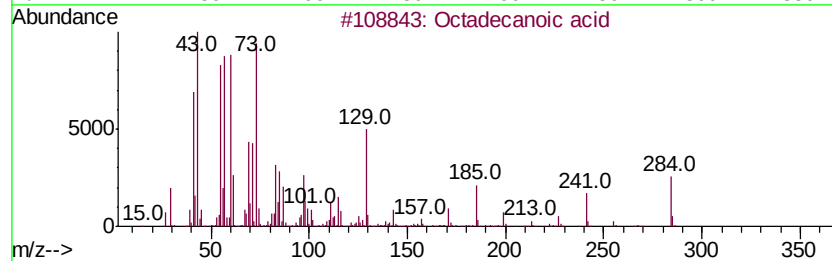
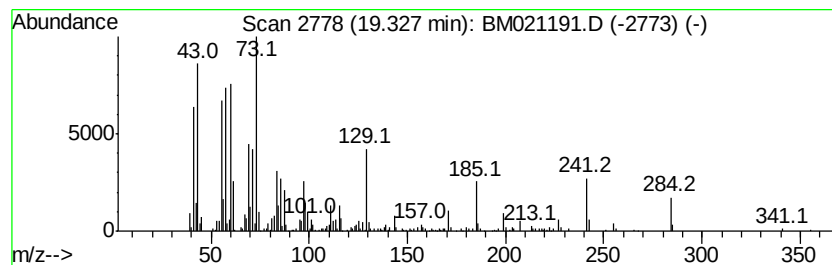
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.33	3.25 ng/ul	636671	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	94
3	Octadecanoic acid		284	C18H36O2	000057-11-4	94
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
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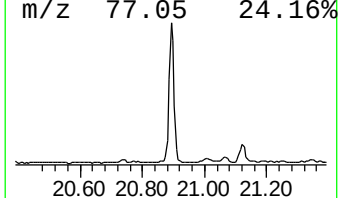
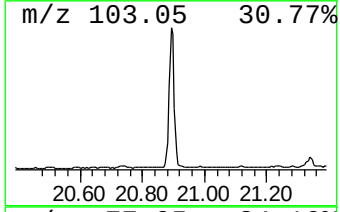
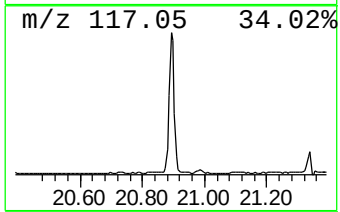
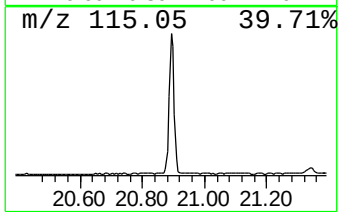
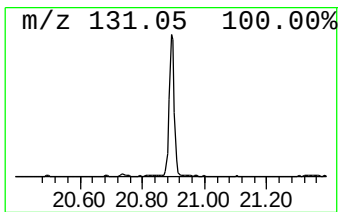
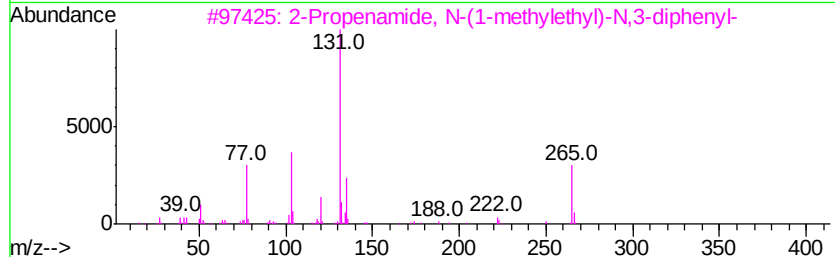
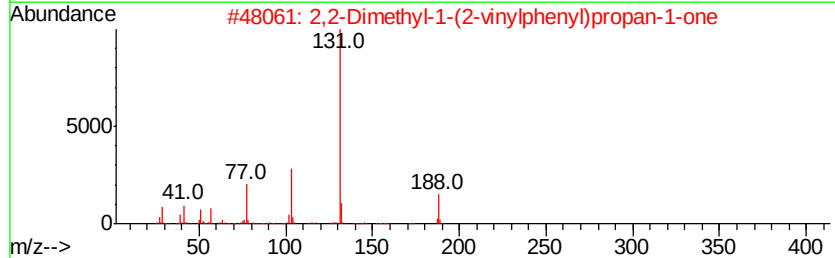
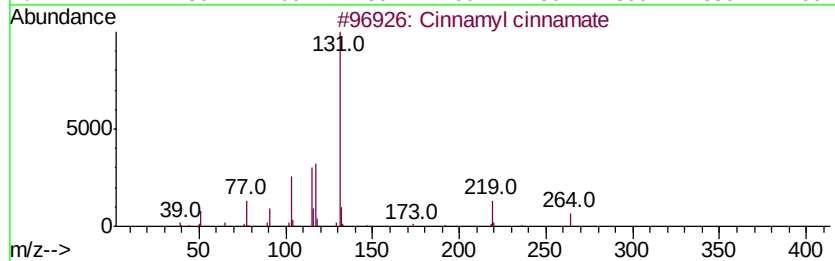
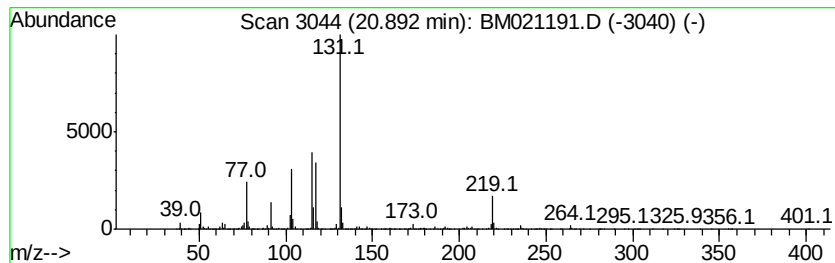
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cinnamyl cinnamate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.77 ng/ul	1326430	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0 87	
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9 49	
3	2-Propenamide, N-(1-methylethyl)...	265 C18H19NO	055044-37-6 47	
4	N-(p-Vinylbenzoyl)-l-alanine	219 C12H13NO3	139184-60-4 47	
5	2-Propenoic acid, 3-phenyl-, phe...	224 C15H12O2	025695-77-6 47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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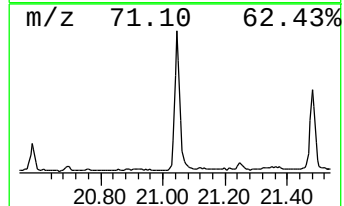
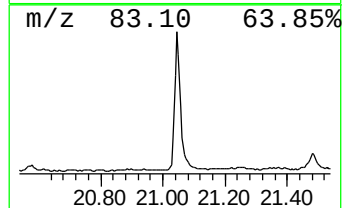
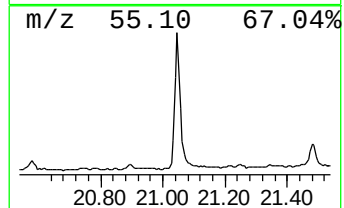
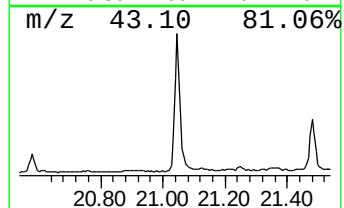
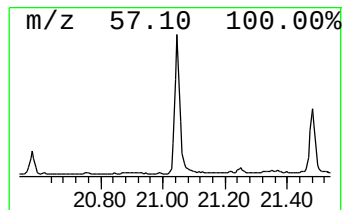
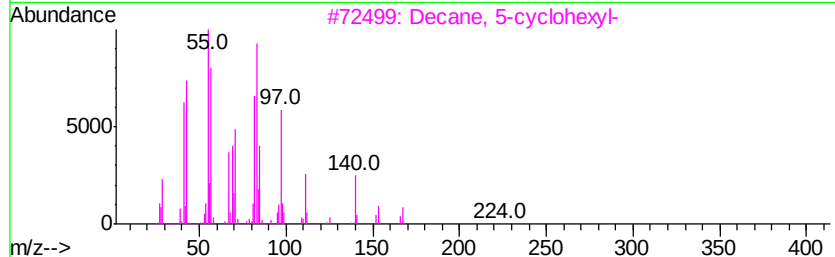
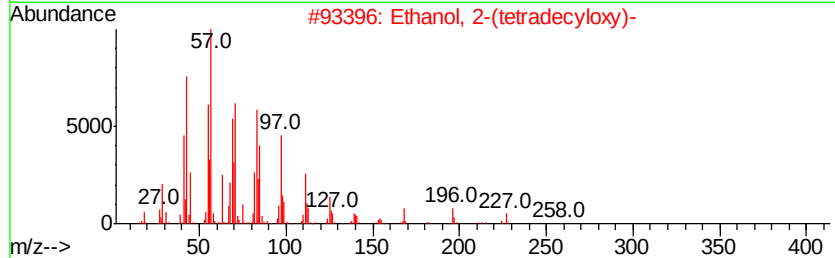
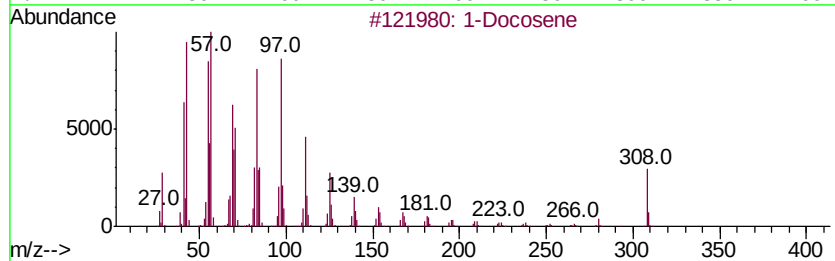
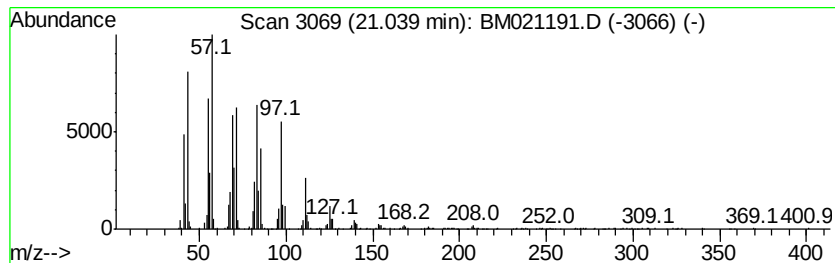
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic21.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	8.04 ng/ul	1574680	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	97
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
3		Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	89
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87



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Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
Operator : HP/JU
Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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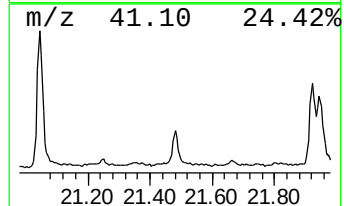
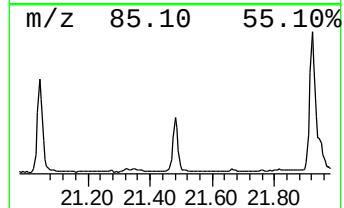
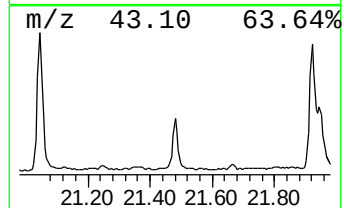
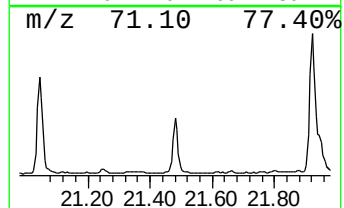
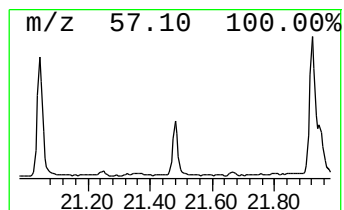
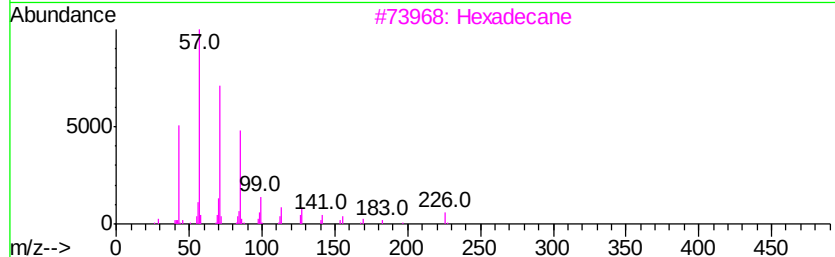
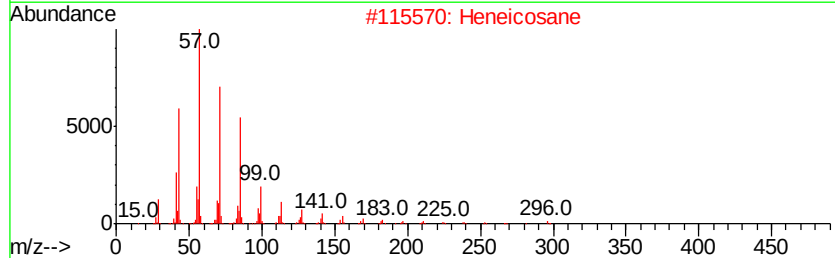
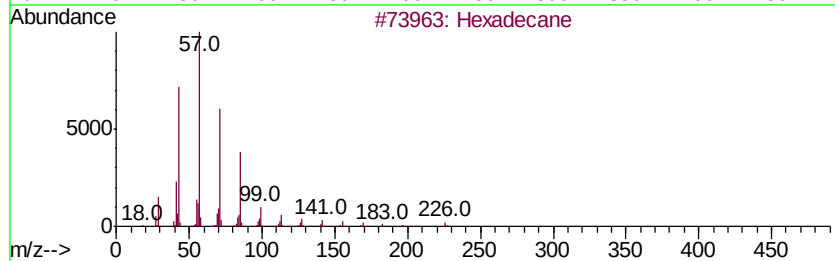
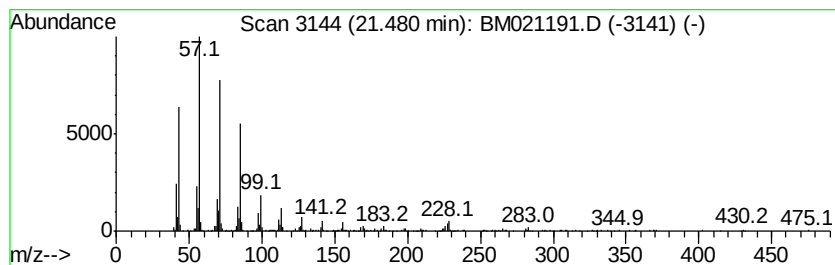
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.18 ng/ul	427463	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
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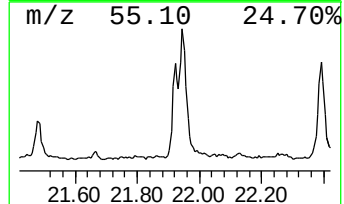
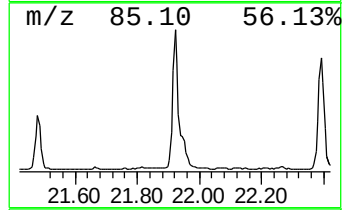
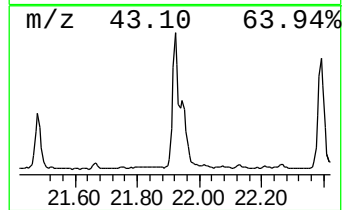
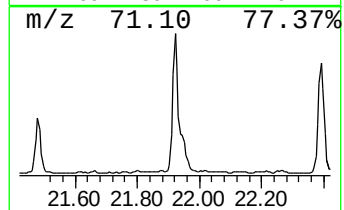
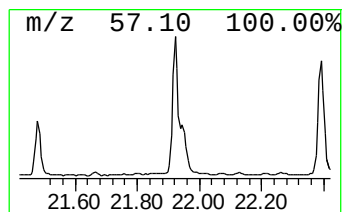
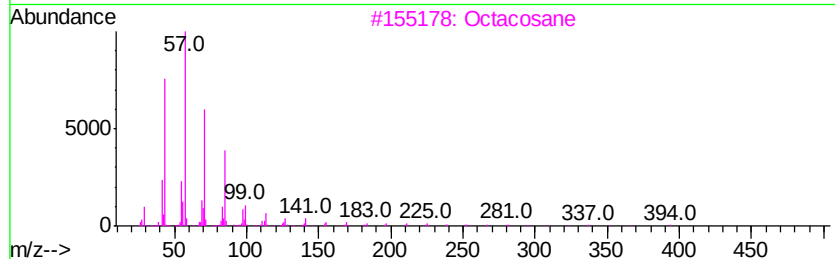
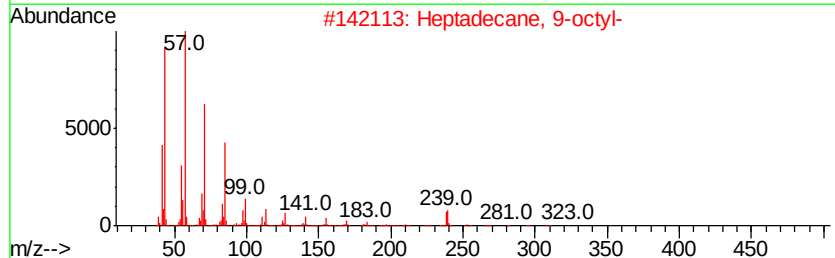
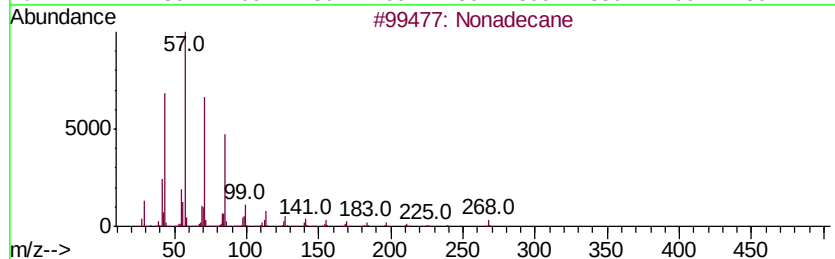
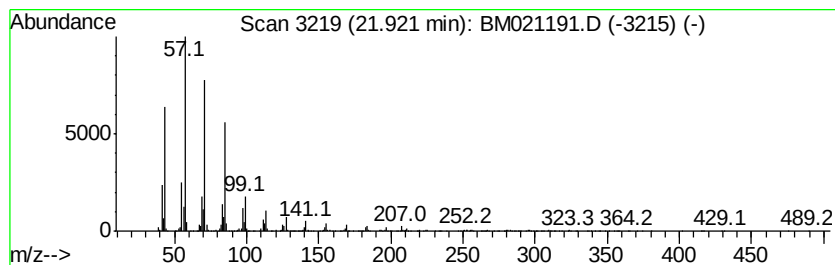
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.95 ng/ul	969775	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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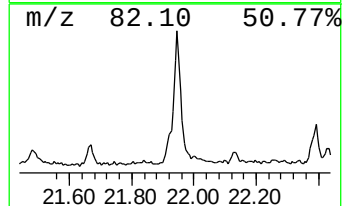
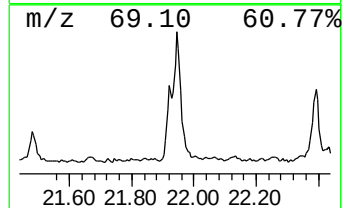
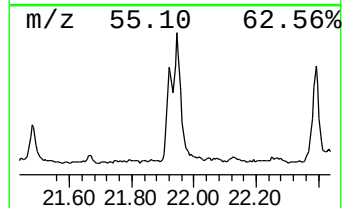
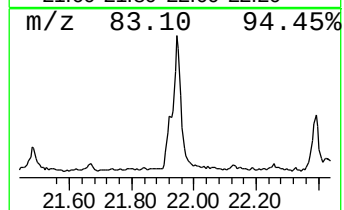
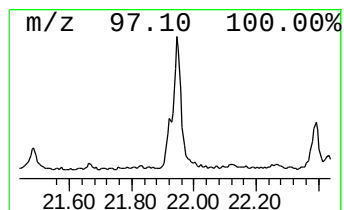
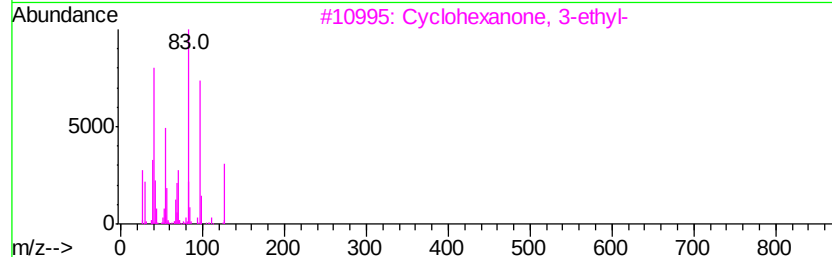
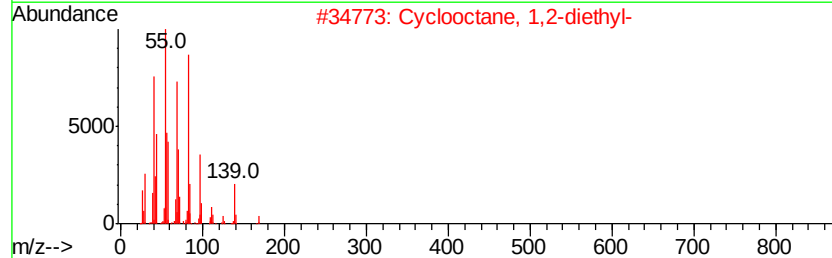
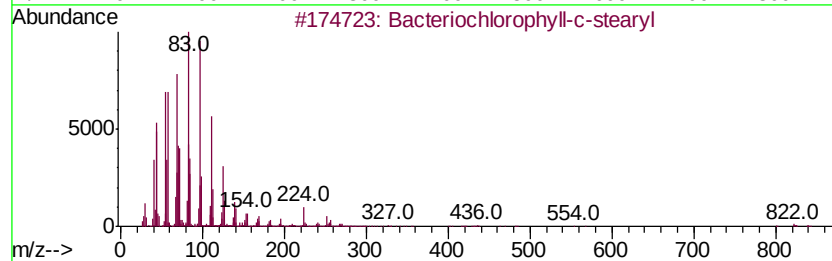
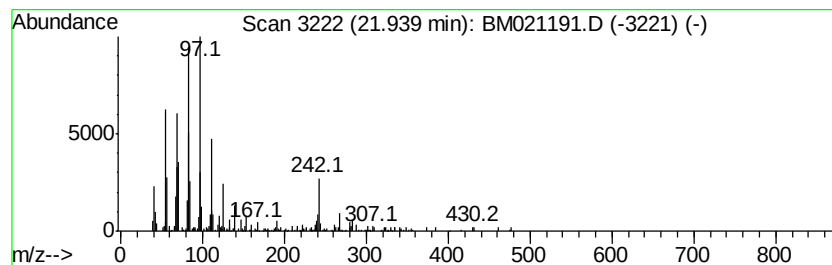
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Bacteriochlorophyll-c-stearyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	4.54 ng/ul	889278	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacteriochlorophyll-c-stearyl	841	C52H72MnN4O4	1000164-49-7	53
2		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	41
3		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	30
4		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	30
5		1-Nonadecene	266	C19H38	018435-45-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Misc :
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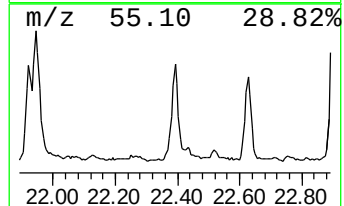
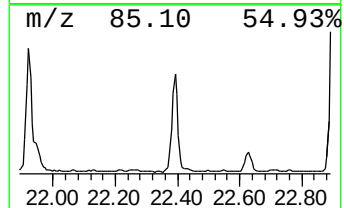
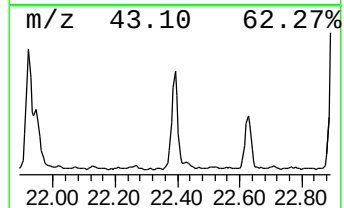
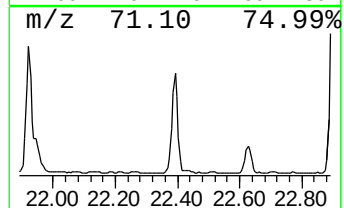
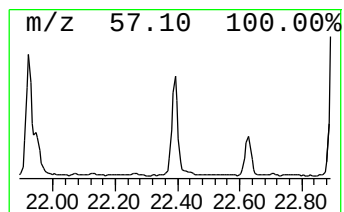
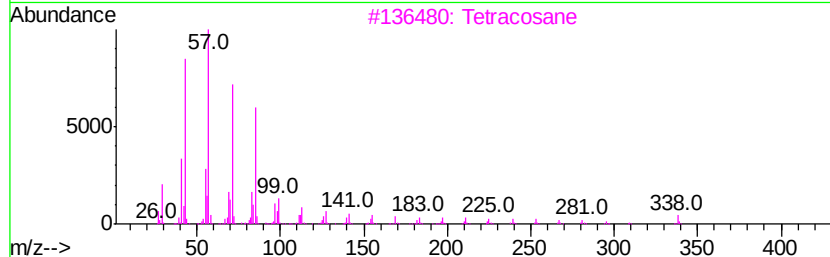
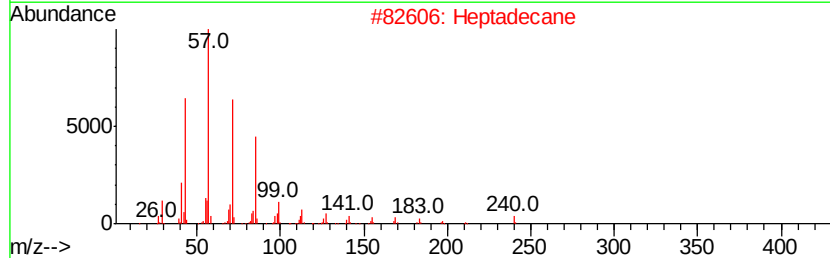
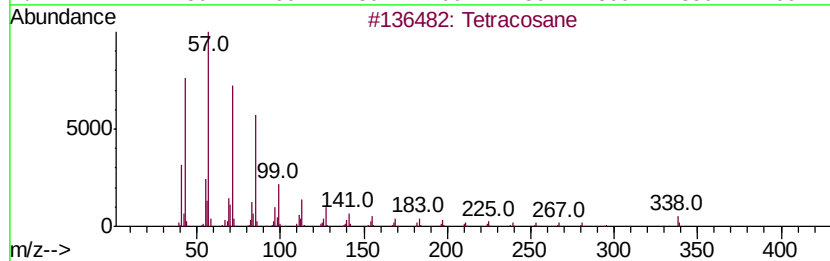
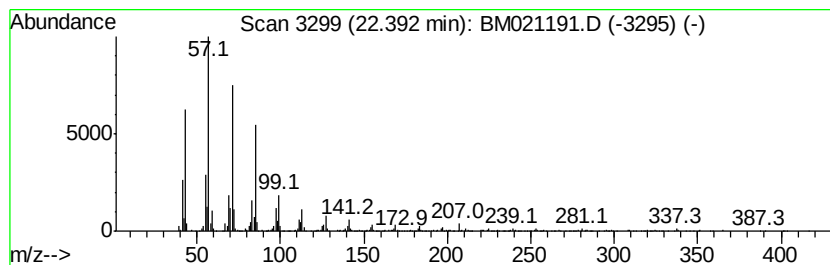
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	5.19 ng/ul	1017480	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heptadecane	240	C17H36	000629-78-7	94
3		Tetracosane	338	C24H50	000646-31-1	93
4		Tricosane	324	C23H48	000638-67-5	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

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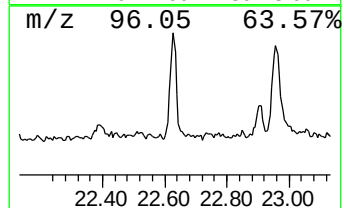
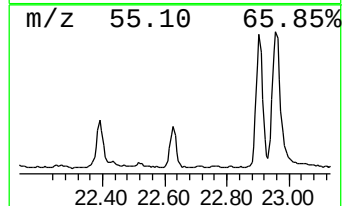
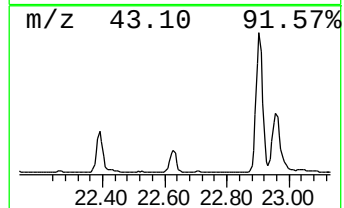
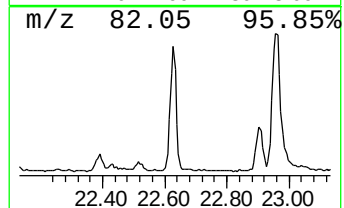
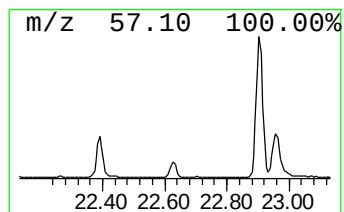
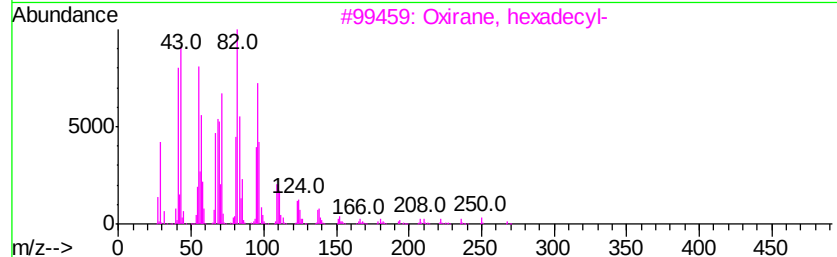
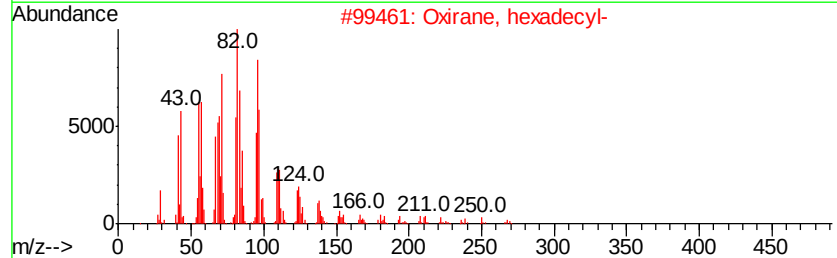
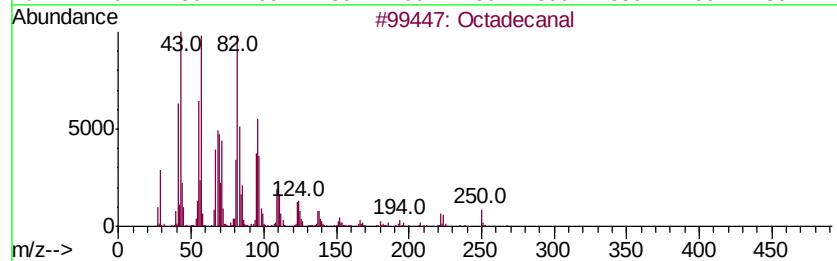
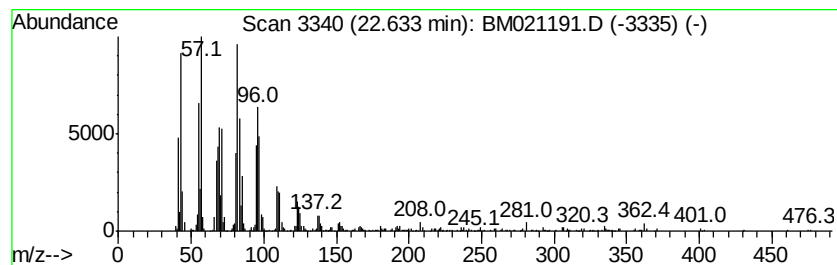
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	5.84 ng/ul	816927	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	96
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4		Octadecanal	268	C18H36O	000638-66-4	93
5		1,19-Eicosadiene	278	C20H38	014811-95-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
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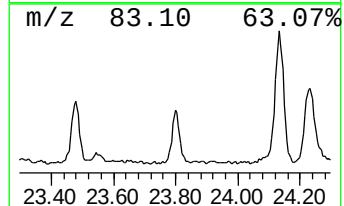
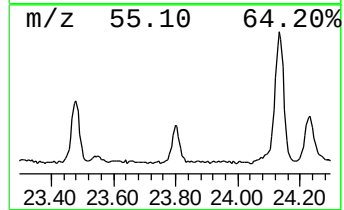
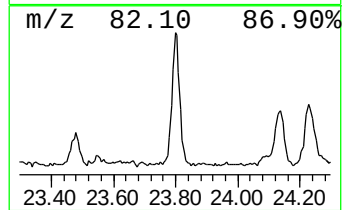
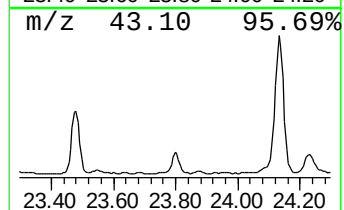
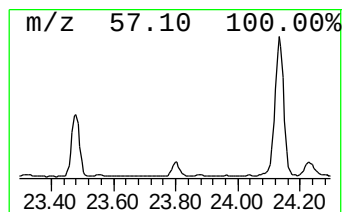
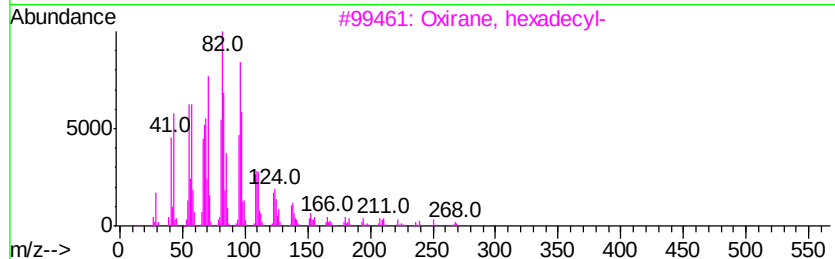
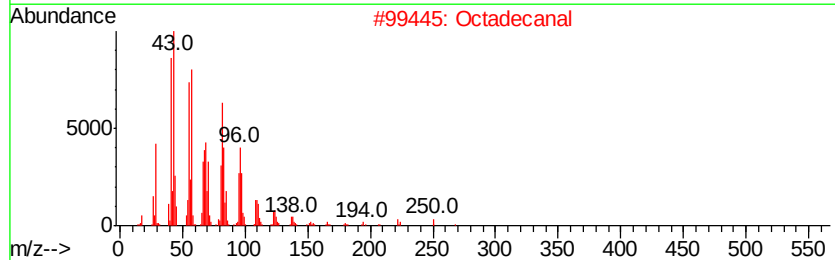
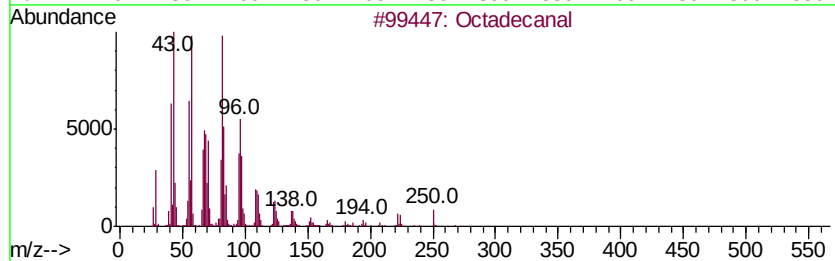
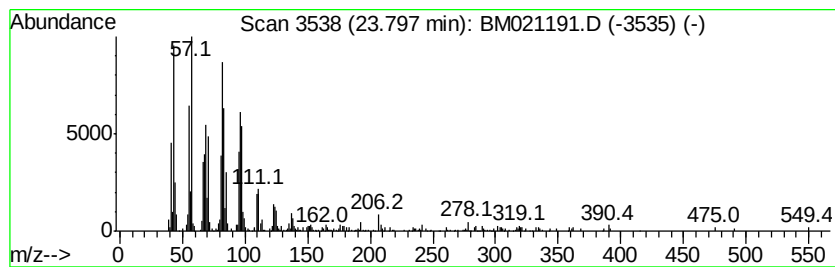
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.77 ng/ul	527164	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Octadecanal	268	C18H36O	000638-66-4	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		1,22-Docosanediol	342	C22H46O2	022513-81-1	90
5		Octadecanal	268	C18H36O	000638-66-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
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Instrument :
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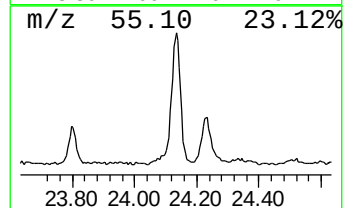
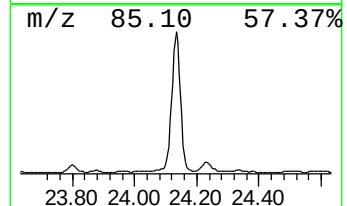
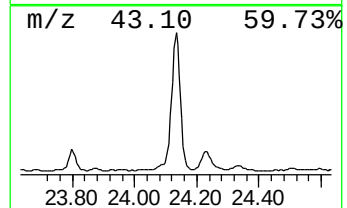
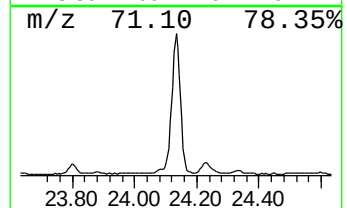
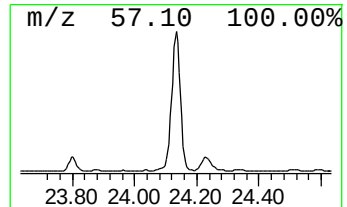
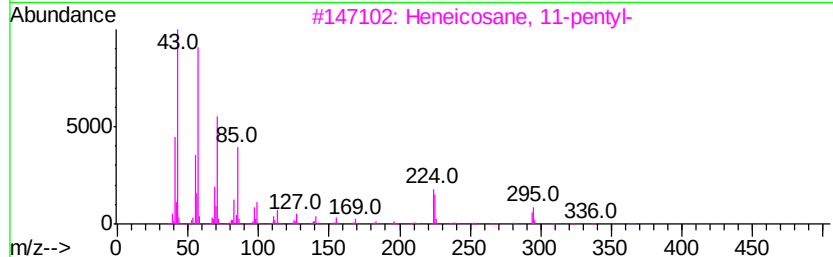
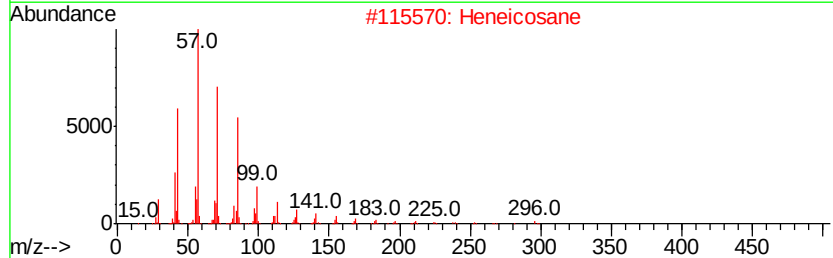
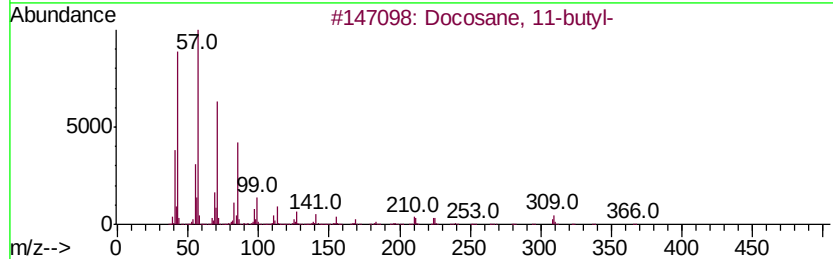
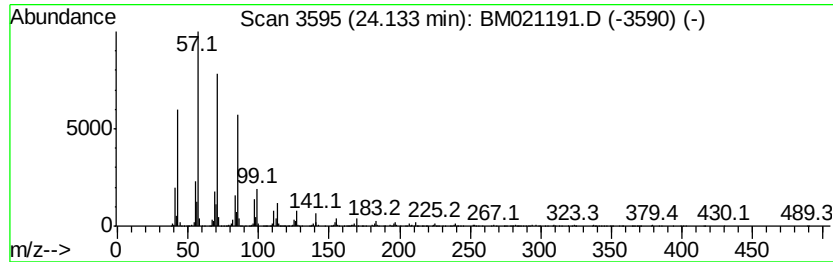
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	19.83 ng/ul	2772370	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021191.D
Acq On : 26 Jun 2019 14:39
Operator : HP/JU
Sample : K3501-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C6AC6

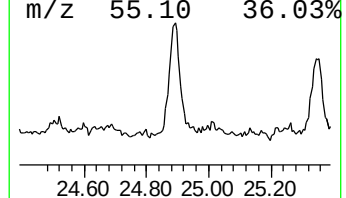
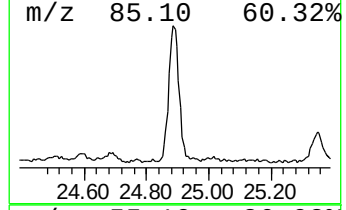
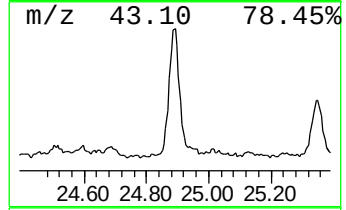
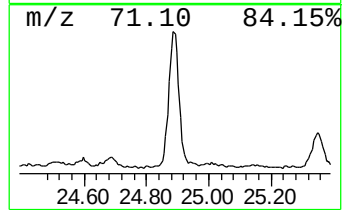
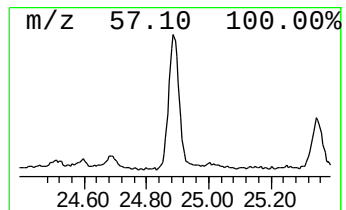
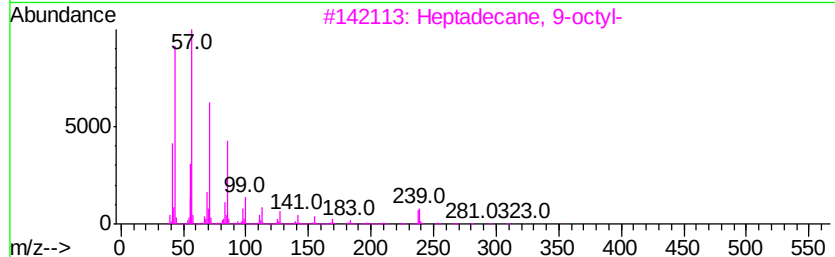
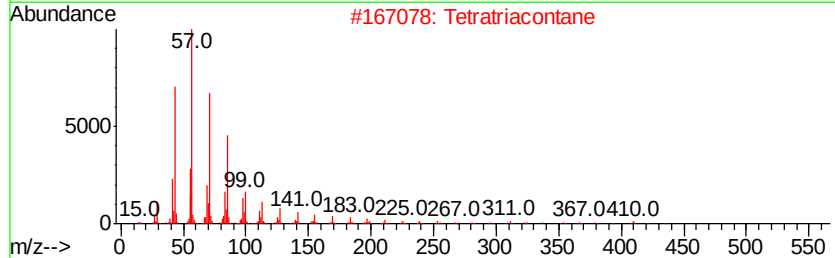
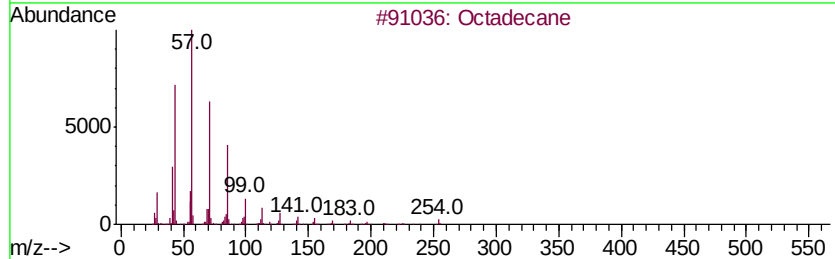
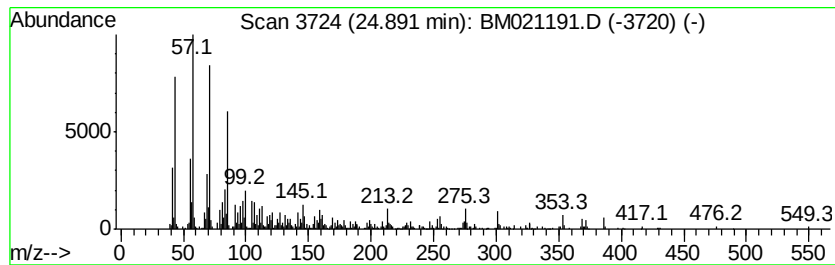
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	6.77 ng/ul	946210	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Tetratriacontane	479	C34H70	014167-59-0	76
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
4		Pentacosane	352	C25H52	000629-99-2	68
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021191.D
 Acq On : 26 Jun 2019 14:39
 Operator : HP/JU
 Sample : K3501-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6AC6

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	66.2	ng/ul	4351790	1	7.76	1315250	20.0
Cyclotrisiloxane,...	4.41	9.4	ng/ul	618138	1	7.76	1315250	20.0
Cyclotetrasiloxan...	6.87	6.8	ng/ul	446574	1	7.76	1315250	20.0
Cyclopentasiloxan...	9.30	2.9	ng/ul	302928	2	10.55	2084200	20.0
Cyclohexasiloxane...	11.79	2.1	ng/ul	221181	2	10.55	2084200	20.0
1-Naphthalenol, d...	15.78	2.0	ng/ul	328955	3	14.40	3234340	20.0
n-Hexadecanoic acid	18.05	9.9	ng/ul	1956610	4	17.16	3933740	20.0
Octadecanoic acid	19.33	3.3	ng/ul	636671	5	21.34	3917320	20.0
Cinnamyl cinnamate	20.89	6.8	ng/ul	1326430	5	21.34	3917320	20.0
(DEL) Alkane: Cyc...	21.04	8.0	ng/ul	1574680	5	21.34	3917320	20.0
(DEL) Alkane: Str...	21.48	2.2	ng/ul	427463	5	21.34	3917320	20.0
(DEL) Alkane: Str...	21.92	5.0	ng/ul	969775	5	21.34	3917320	20.0
Bacteriochlorophy...	21.94	4.5	ng/ul	889278	5	21.34	3917320	20.0
(DEL) Alkane: Str...	22.39	5.2	ng/ul	1017480	5	21.34	3917320	20.0
Octadecanal	22.63	5.8	ng/ul	816927	6	23.61	2795900	20.0
Oxirane, hexadecyl-	23.80	3.8	ng/ul	527164	6	23.61	2795900	20.0
(DEL) Alkane: Str...	24.13	19.8	ng/ul	2772370	6	23.61	2795900	20.0
(DEL) Alkane: Str...	24.89	6.8	ng/ul	946210	6	23.61	2795900	20.0