

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023125.D
 Acq On : 11 Oct 2019 12:20
 Operator : JU
 Sample : K5124-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM67

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-BM092719MA.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	3.252	43	45	52	rVB	22060	30315	0.92%	0.073%
2	3.763	129	132	136	rVB	12455	16860	0.51%	0.041%
3	3.893	150	154	159	rVB2	13098	21334	0.65%	0.051%
4	3.981	166	169	173	rVB	10726	12192	0.37%	0.029%
5	4.199	203	206	213	rVB3	7685	12758	0.39%	0.031%
6	4.540	261	264	267	rBV3	2896	3524	0.11%	0.008%
7	4.616	273	277	280	rBV6	2987	3906	0.12%	0.009%
8	4.904	323	326	328	rBV2	4059	4885	0.15%	0.012%
9	5.769	468	473	474	rBV4	3085	5260	0.16%	0.013%
10	6.451	586	589	592	rVB4	3458	4024	0.12%	0.010%
11	6.787	643	646	651	rBV5	2446	4424	0.13%	0.011%
12	6.940	665	672	684	rVB2	392055	697778	21.20%	1.681%
13	7.104	694	700	713	rBV	284958	476648	14.48%	1.149%
14	7.304	727	734	743	rVB	414860	659792	20.05%	1.590%
15	7.398	746	750	752	rBV2	4135	5831	0.18%	0.014%
16	7.622	783	788	789	rBV4	2590	4102	0.12%	0.010%
17	7.769	806	813	822	rBV	586333	925358	28.12%	2.230%
18	7.840	822	825	830	rVB2	5370	7678	0.23%	0.019%
19	8.216	885	889	892	rVB4	2568	3461	0.11%	0.008%
20	8.475	926	933	939	rBV	442686	712123	21.64%	1.716%
21	8.528	939	942	949	rVB	16550	28145	0.86%	0.068%
22	8.592	949	953	958	rBV3	4968	8278	0.25%	0.020%
23	8.922	1002	1009	1020	rBV	357198	591759	17.98%	1.426%
24	9.092	1034	1038	1041	rVB3	4724	6033	0.18%	0.015%
25	9.157	1046	1049	1055	rVB3	4029	5588	0.17%	0.013%
26	9.357	1079	1083	1088	rVB2	6261	9259	0.28%	0.022%
27	9.639	1125	1131	1144	rBV	299190	489376	14.87%	1.179%
28	9.881	1168	1172	1174	rBV4	2683	4243	0.13%	0.010%
29	10.134	1211	1215	1216	rBV2	6369	6978	0.21%	0.017%
30	10.181	1216	1223	1237	rVB	479152	794087	24.13%	1.914%
31	10.557	1278	1287	1294	rBV	762957	1279564	38.88%	3.083%
32	10.692	1302	1310	1329	rBV	288472	544634	16.55%	1.312%
33	11.310	1411	1415	1419	rBV3	2843	4066	0.12%	0.010%
34	12.145	1553	1557	1562	rVB2	6326	10148	0.31%	0.024%

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35	12.345	1586	1591	1593	rBV4	2390	3516	0.11%	0.008%
36	12.745	1654	1659	1661	rBV3	3596	6536	0.20%	0.016%
37	13.016	1702	1705	1708	rVB3	3582	4001	0.12%	0.010%
38	13.239	1739	1743	1747	rVB4	5835	8786	0.27%	0.021%
39	13.322	1747	1757	1762	rBV2	4193	10375	0.32%	0.025%
40	13.680	1815	1818	1822	rVB4	2826	3864	0.12%	0.009%
41	13.727	1822	1826	1832	rBV8	4163	7039	0.21%	0.017%
42	13.816	1834	1841	1845	rVV	771951	1046878	31.81%	2.523%
43	13.863	1845	1849	1859	rVB	289501	396585	12.05%	0.956%
44	14.098	1877	1889	1901	rBV	928410	1369907	41.63%	3.301%
45	14.310	1918	1925	1930	rVB4	6925	12225	0.37%	0.029%
46	14.404	1934	1941	1949	rBV	1081369	1588675	48.27%	3.828%
47	14.604	1968	1975	1987	rBV	210074	349352	10.62%	0.842%
48	14.692	1987	1990	1995	rVV5	4719	10165	0.31%	0.024%
49	14.757	1995	2001	2006	rVV5	9846	17037	0.52%	0.041%
50	14.821	2007	2012	2017	rVV3	32428	44108	1.34%	0.106%
51	15.157	2064	2069	2074	rVB	8794	12762	0.39%	0.031%
52	15.216	2074	2079	2082	rVV2	4851	8185	0.25%	0.020%
53	15.263	2084	2087	2090	rVB2	6409	7615	0.23%	0.018%
54	15.398	2103	2110	2116	rBV	1173521	1631888	49.59%	3.932%
55	15.516	2124	2130	2139	rBV	229752	310283	9.43%	0.748%
56	15.633	2147	2150	2155	rBV	10985	14802	0.45%	0.036%
57	15.792	2175	2177	2182	rVV4	4230	8518	0.26%	0.021%
58	15.845	2182	2186	2189	rVB2	5852	9006	0.27%	0.022%
59	15.951	2199	2204	2214	rBV	25159	44292	1.35%	0.107%
60	16.027	2214	2217	2225	rVV3	21978	33209	1.01%	0.080%
61	16.092	2225	2228	2230	rVV3	4316	5443	0.17%	0.013%
62	16.121	2230	2233	2235	rVV2	10313	10979	0.33%	0.026%
63	16.151	2235	2238	2241	rVV4	6497	8604	0.26%	0.021%
64	16.180	2241	2243	2246	rVB3	5556	5729	0.17%	0.014%
65	16.351	2269	2272	2275	rBV3	2896	4976	0.15%	0.012%
66	16.498	2292	2297	2300	rVV3	8447	14011	0.43%	0.034%
67	16.557	2303	2307	2310	rVV4	6544	7199	0.22%	0.017%
68	16.633	2316	2320	2327	rVB3	23911	40934	1.24%	0.099%
69	16.915	2363	2368	2375	rBV4	28109	44811	1.36%	0.108%
70	17.015	2381	2385	2387	rBV5	5609	7380	0.22%	0.018%
71	17.051	2387	2391	2397	rVB4	11981	18664	0.57%	0.045%

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72	17.145	2399	2407	2413	rBV2	1273775	1766542	53.68%	4.257%
73	17.245	2418	2424	2436	rVV	1195225	1715819	52.14%	4.135%
74	17.345	2438	2441	2446	rVB4	17728	23965	0.73%	0.058%
75	17.533	2469	2473	2477	rBV7	12421	20686	0.63%	0.050%
76	17.651	2490	2493	2496	rBV3	7053	9826	0.30%	0.024%
77	17.821	2519	2522	2526	rVB4	13733	16277	0.49%	0.039%
78	17.927	2537	2540	2545	rBV5	8457	12248	0.37%	0.030%
79	18.045	2556	2560	2567	rBV	120069	168070	5.11%	0.405%
80	18.115	2569	2572	2575	rVB	16485	20381	0.62%	0.049%
81	18.980	2716	2719	2724	rBV	34470	41539	1.26%	0.100%
82	19.539	2809	2814	2823	rVB	1487606	2022274	61.45%	4.873%
83	20.056	2899	2902	2905	rBV2	99138	133537	4.06%	0.322%
84	20.092	2905	2908	2912	rVB	116960	136849	4.16%	0.330%
85	20.180	2921	2923	2928	rVB	74586	79028	2.40%	0.190%
86	21.045	3064	3070	3078	rBV3	1185156	2006518	60.97%	4.835%
87	21.250	3102	3105	3110	rVB	225961	252678	7.68%	0.609%
88	21.327	3114	3118	3124	rVV	1686938	2012636	61.15%	4.850%
89	21.662	3173	3175	3180	rVB	264237	279003	8.48%	0.672%
90	21.939	3216	3222	3231	rBV3	967331	1773713	53.89%	4.274%
91	22.615	3333	3337	3343	rBV	843848	1165946	35.43%	2.810%
92	22.903	3382	3386	3389	rBV	481444	686233	20.85%	1.654%
93	22.944	3389	3393	3403	rVB	2043230	3291055	100.00%	7.931%
94	23.439	3471	3477	3487	rVB	1169613	2327146	70.71%	5.608%
95	23.580	3496	3501	3509	rVB	1184131	2172886	66.02%	5.236%
96	23.786	3533	3536	3545	rVB	414116	703112	21.36%	1.694%
97	24.209	3603	3608	3618	rVB	661131	1448720	44.02%	3.491%
98	26.679	4021	4028	4042	rVB2	866217	2688482	81.69%	6.479%

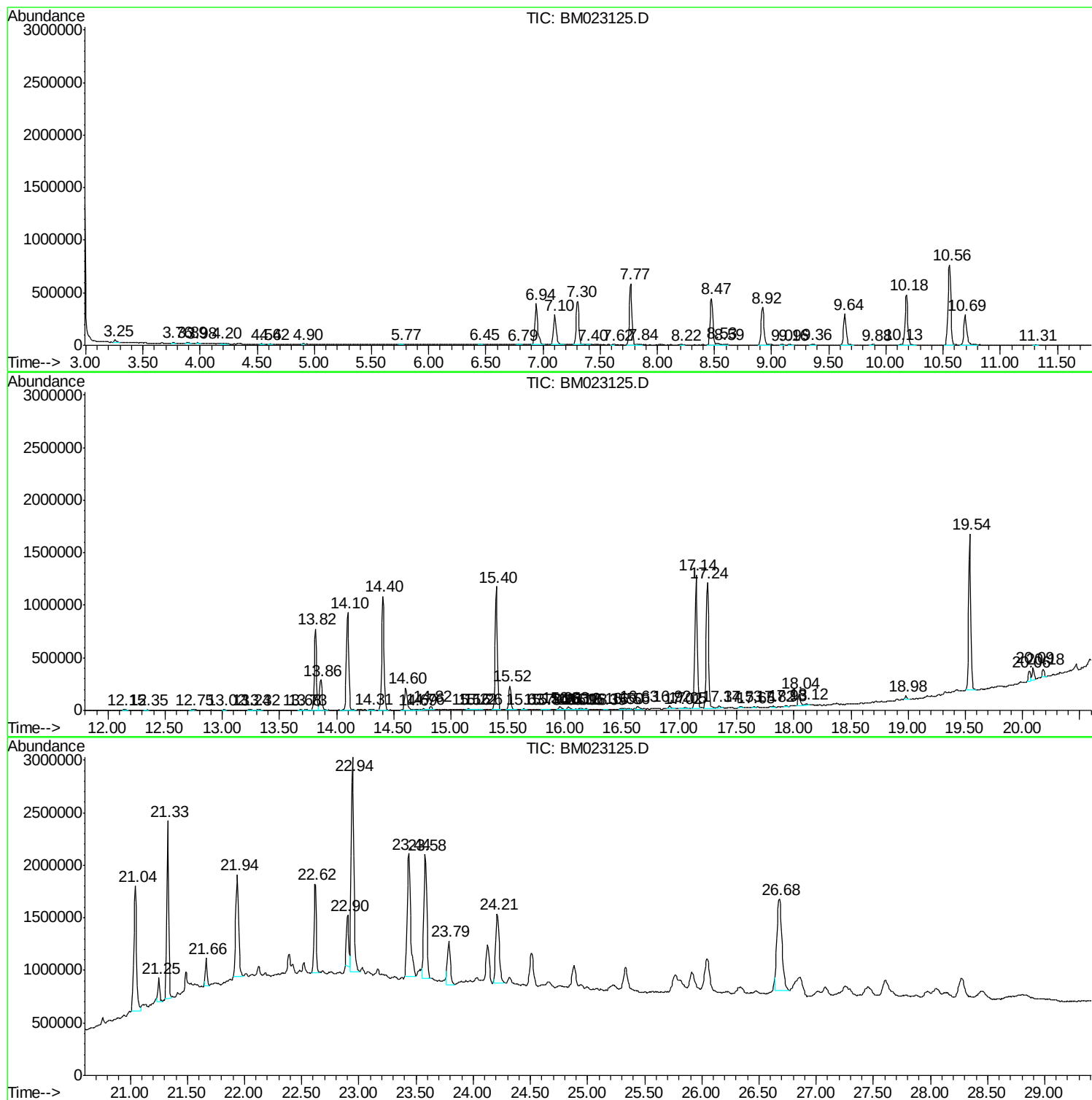
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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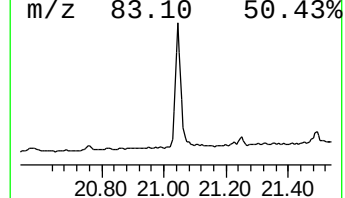
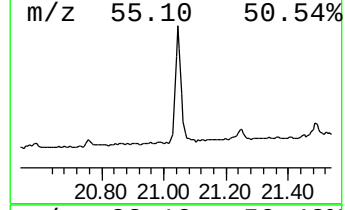
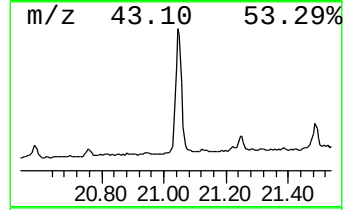
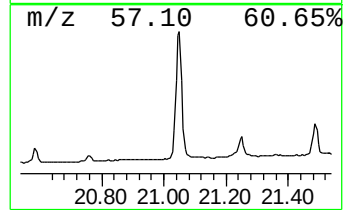
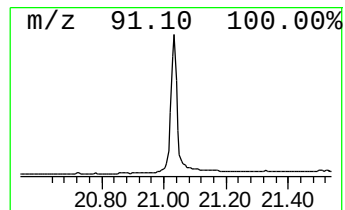
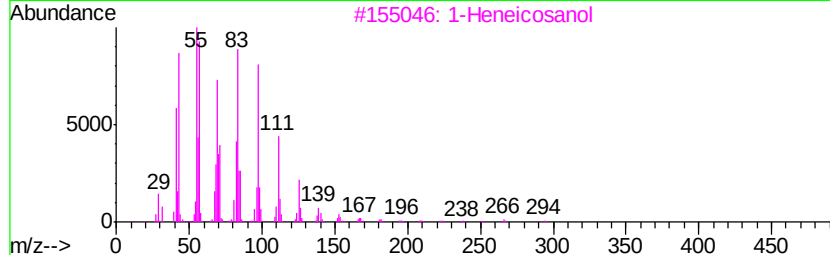
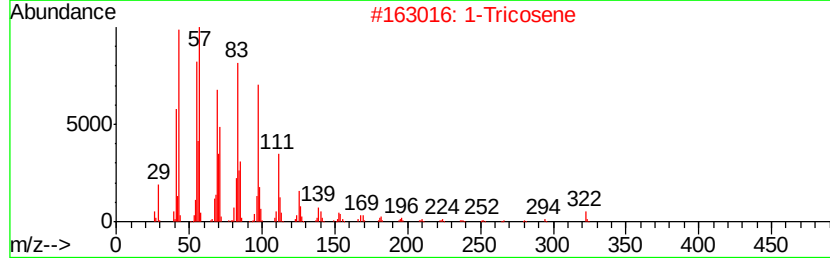
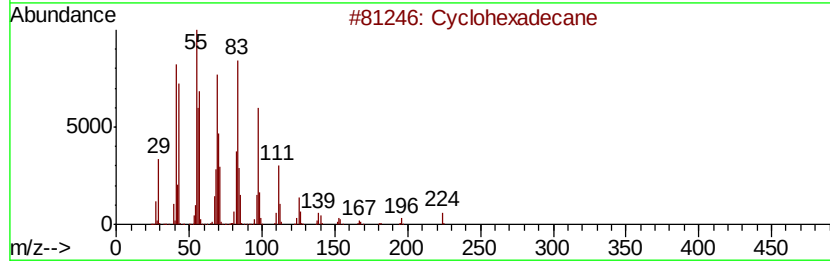
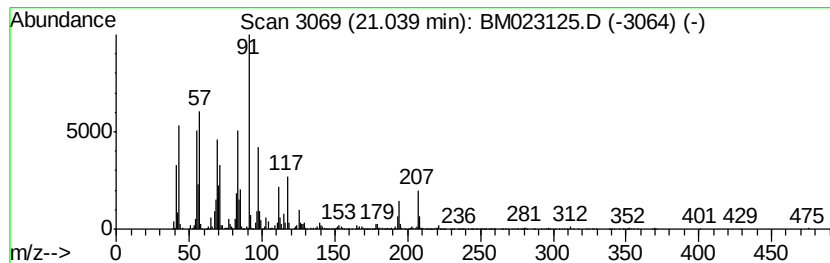
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic21.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	19.94 ng/ul	2006520	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		1-Tricosene	322	C23H46	018835-32-0	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	92
4		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90
5		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	90



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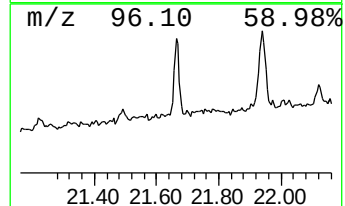
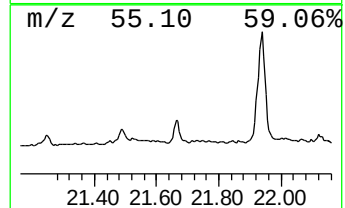
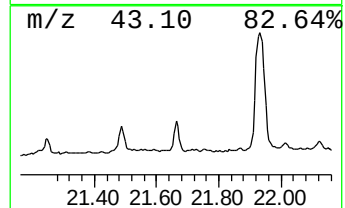
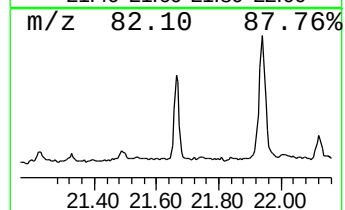
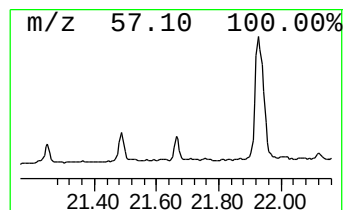
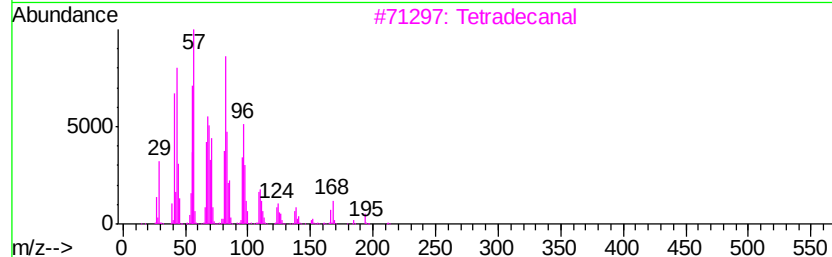
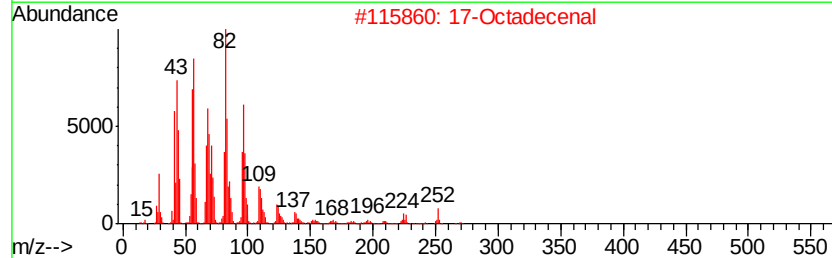
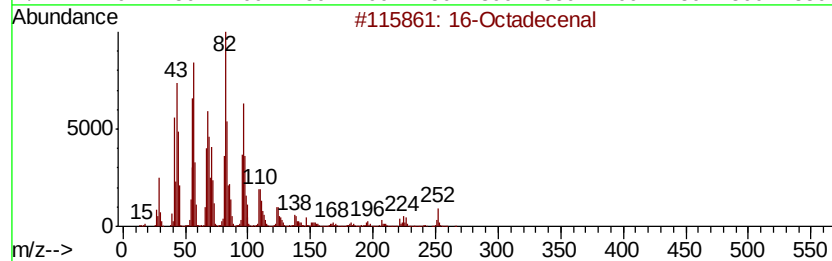
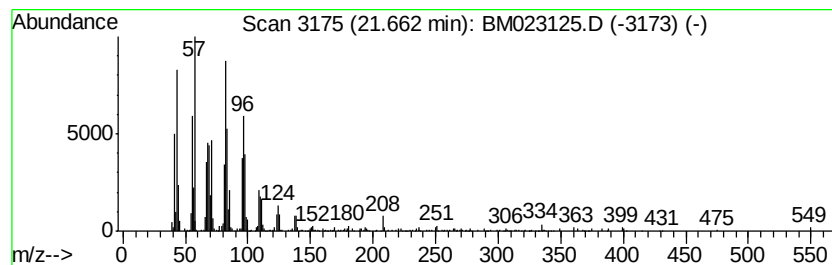
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 16-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.77 ng/ul	279003	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenal	266	C18H34O	056554-87-1	94
2		17-Octadecenal	266	C18H34O	056554-86-0	93
3		Tetradecanal	212	C14H28O	000124-25-4	93
4		13-Octadecenal	266	C18H34O	056554-90-6	93
5		14-Octadecenal	266	C18H34O	056554-89-3	93



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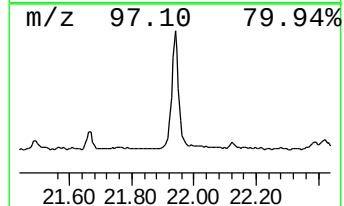
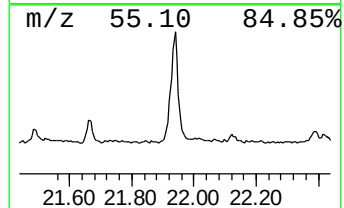
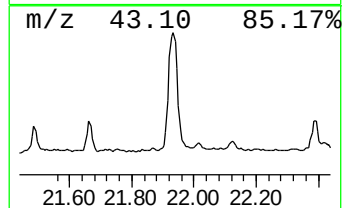
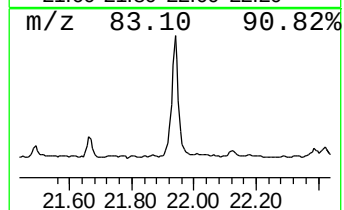
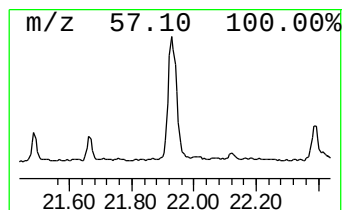
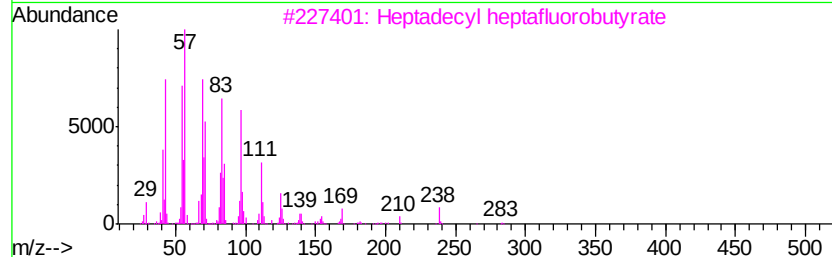
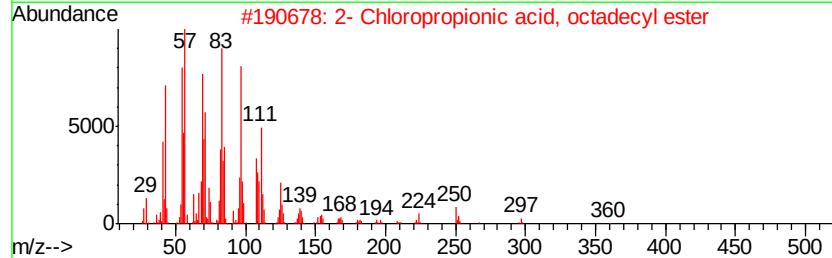
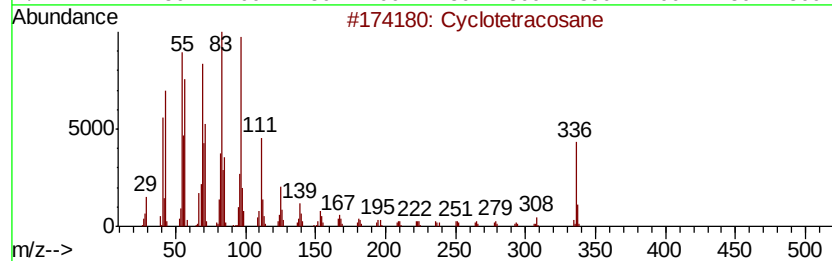
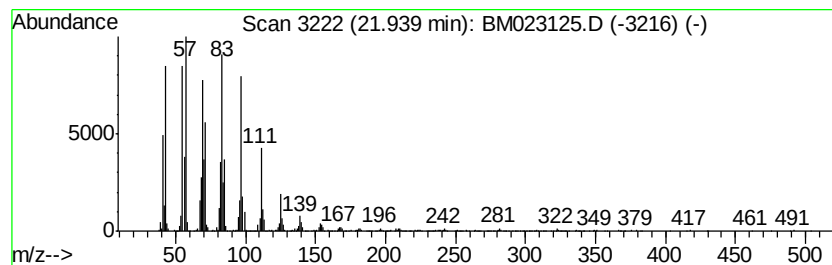
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Peak Number 3 (DEL) Alkane: Cyclic21.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	17.63 ng/ul	1773710	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	94
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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Misc :
ALS Vial : 7 Sample Multiplier: 1

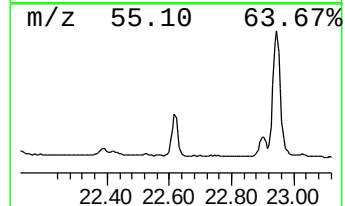
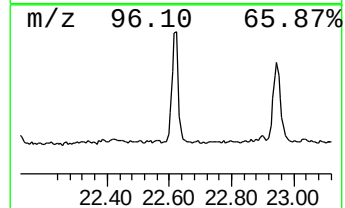
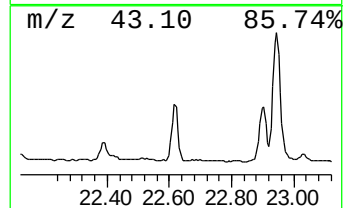
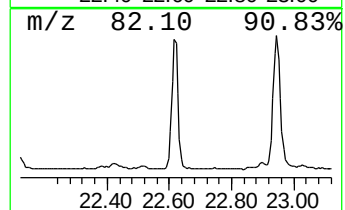
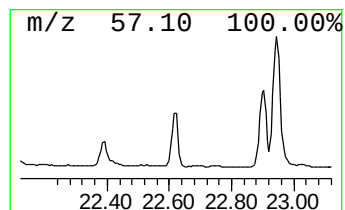
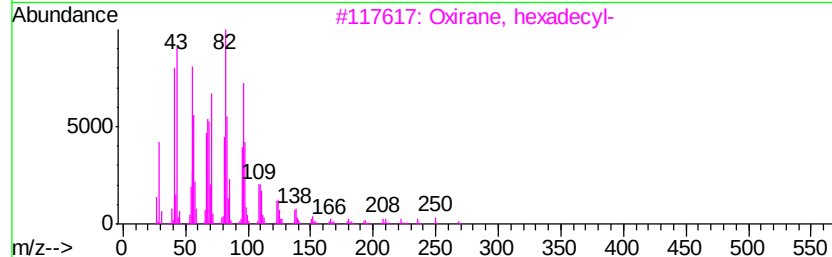
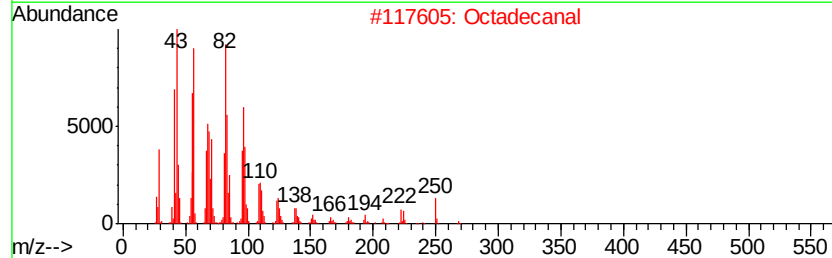
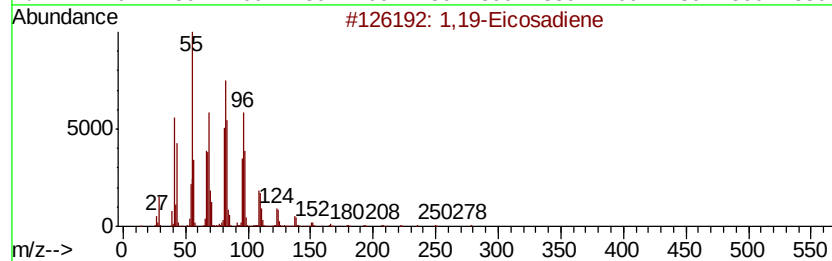
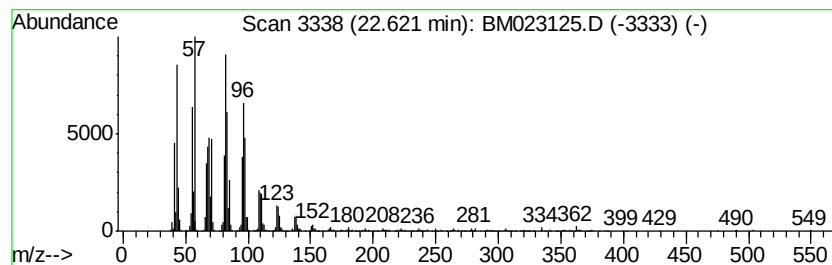
Instrument :
BNA_M
ClientSampleId :
JLM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	10.73 ng/ul	1165950	Perylene-d12	23.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	95
2	Octadecanal	268 C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
4	Octadecanal	268 C18H36O	000638-66-4	91
5	Octadecanal	268 C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023125.D
Acq On : 11 Oct 2019 12:20
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM67

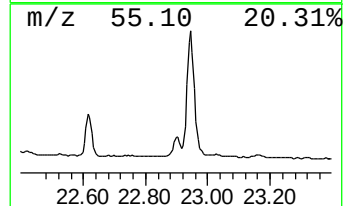
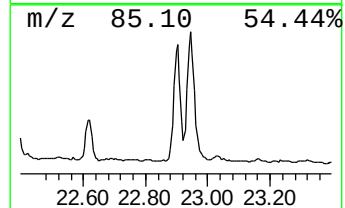
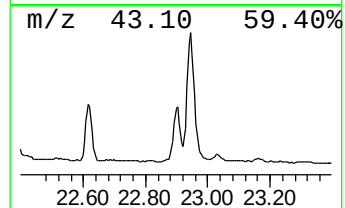
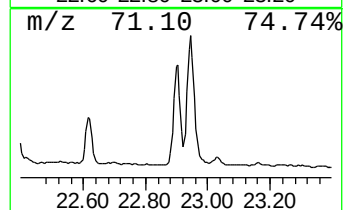
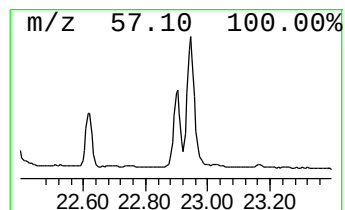
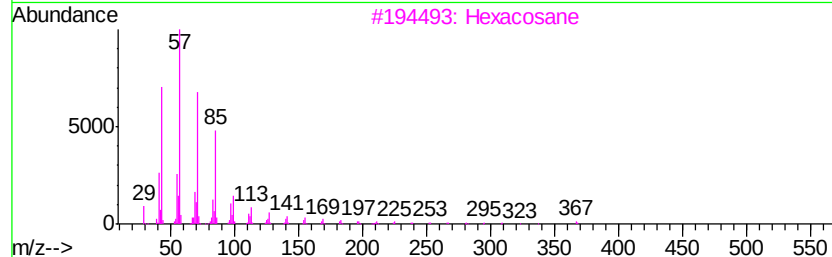
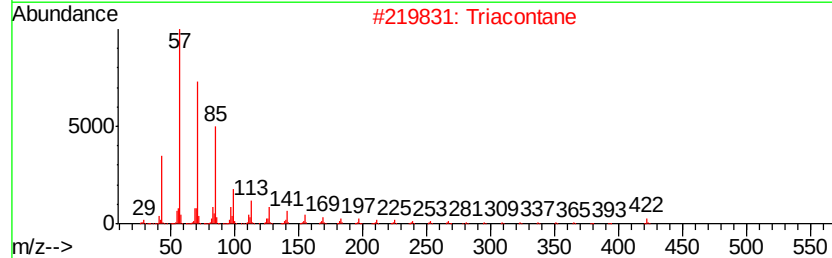
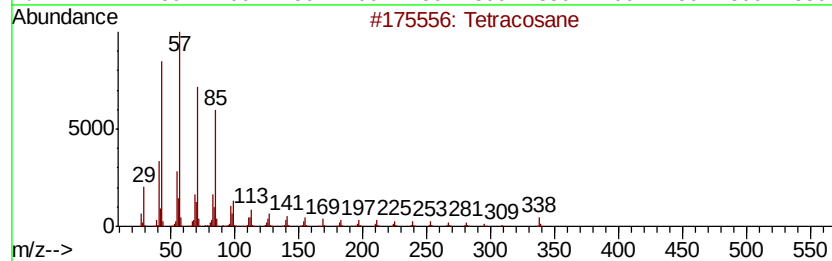
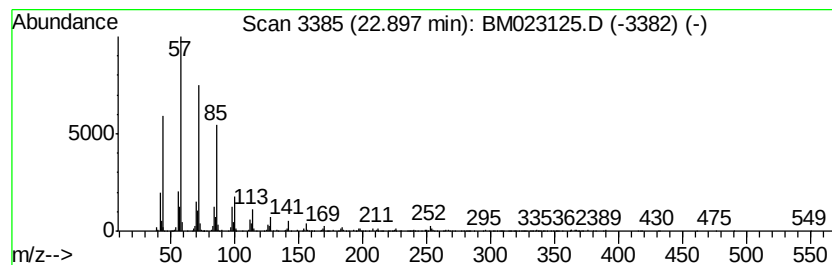
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	6.32 ng/ul	686233	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023125.D
Acq On : 11 Oct 2019 12:20
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Sample : K5124-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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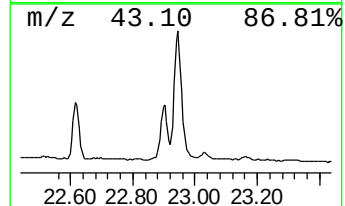
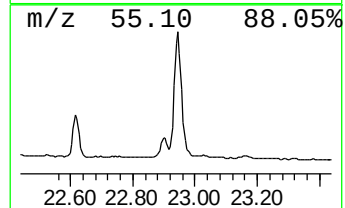
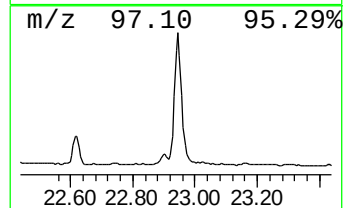
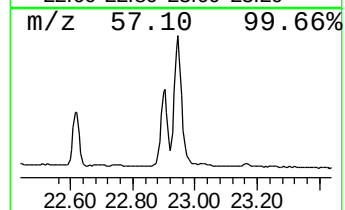
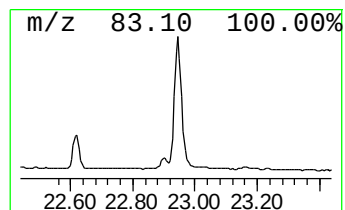
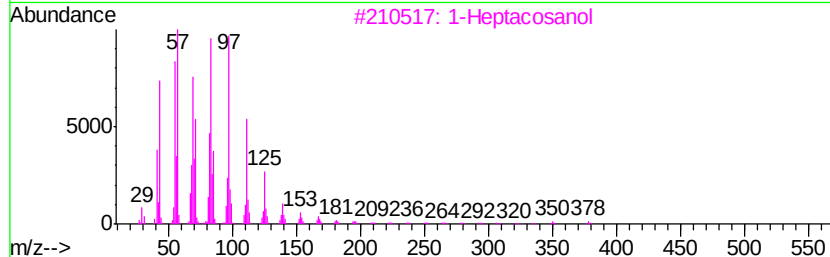
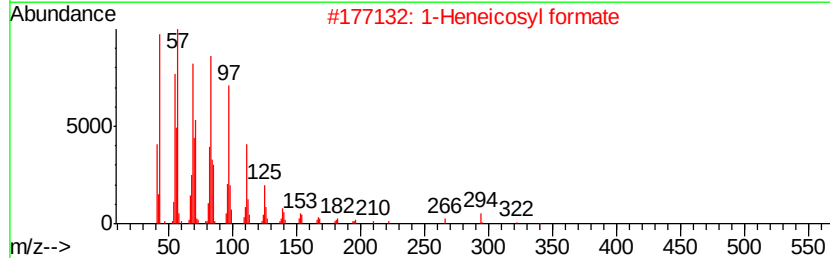
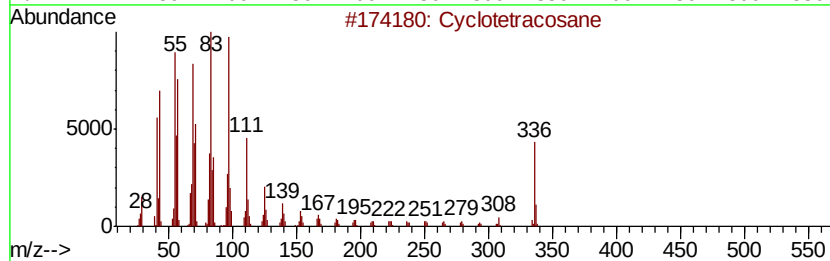
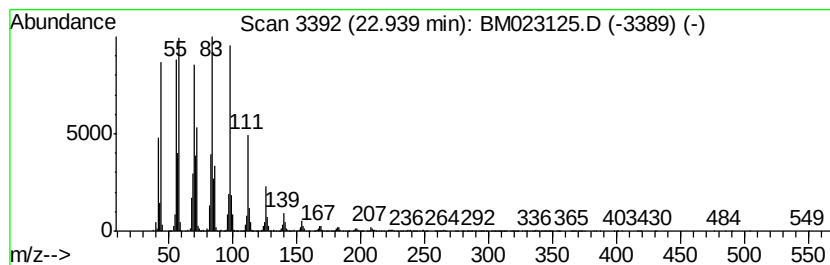
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic22.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	30.29 ng/ul	3291060	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3		1-Heptacosanol	396	C27H56O	002004-39-9	95
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023125.D
Acq On : 11 Oct 2019 12:20
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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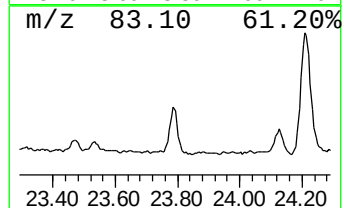
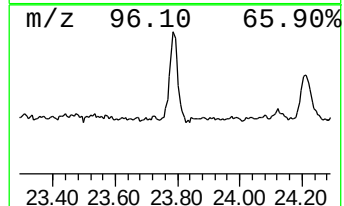
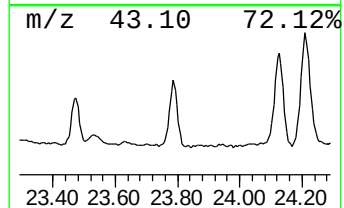
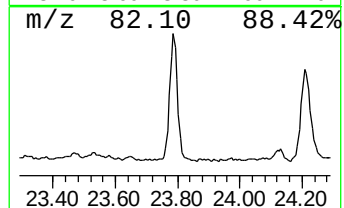
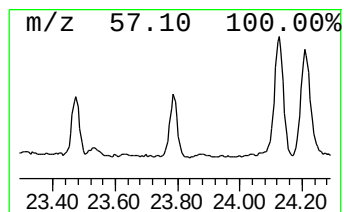
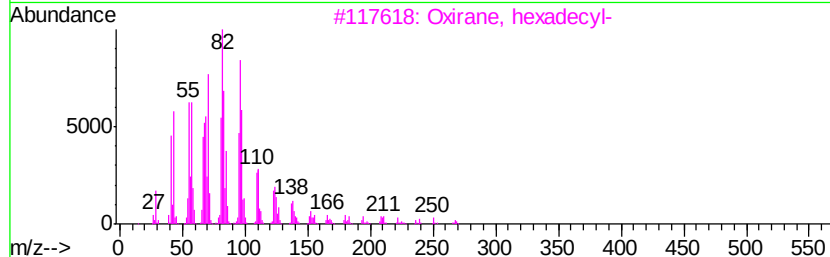
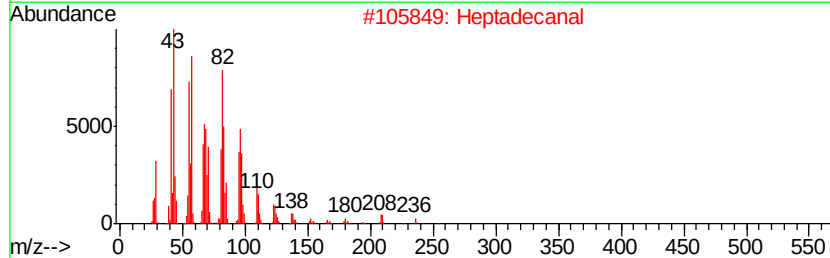
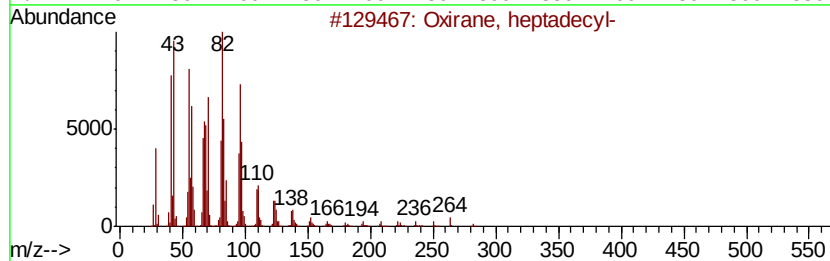
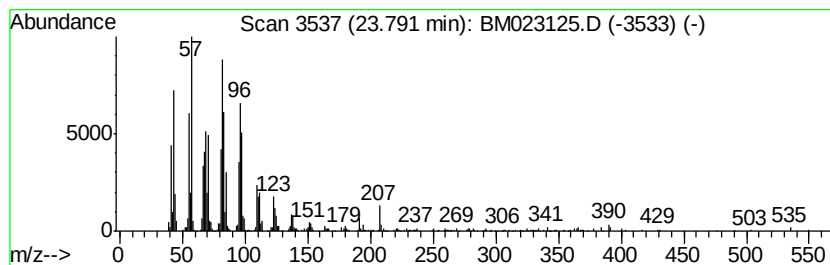
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxirane, heptadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	6.47 ng/ul	703112	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2		Heptadecanal	254	C17H34O	1000376-70-0	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Octadecanal	268	C18H36O	000638-66-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023125.D
Acq On : 11 Oct 2019 12:20
Operator : JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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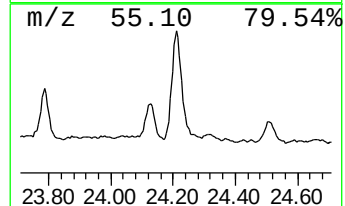
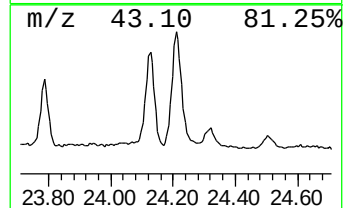
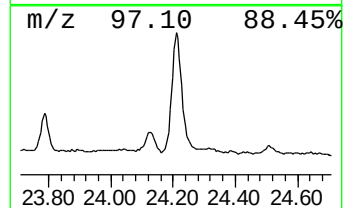
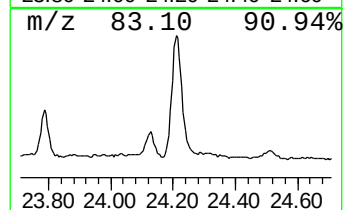
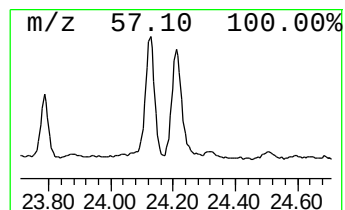
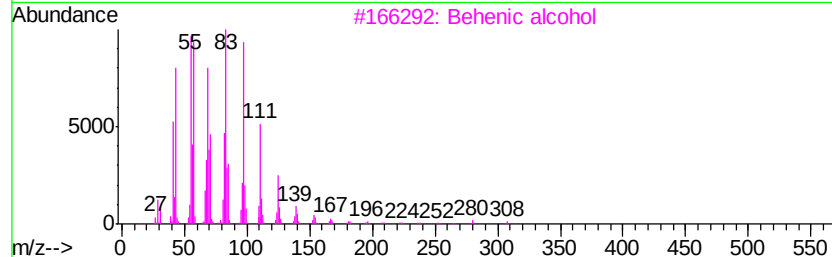
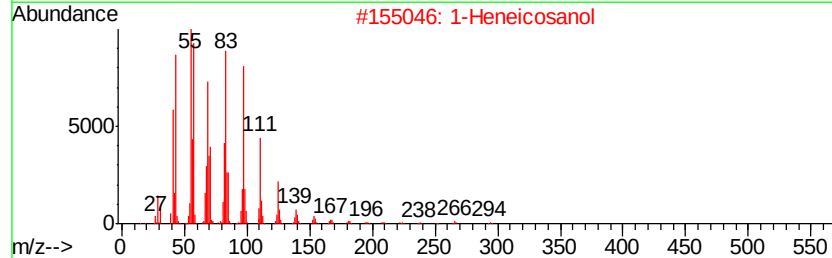
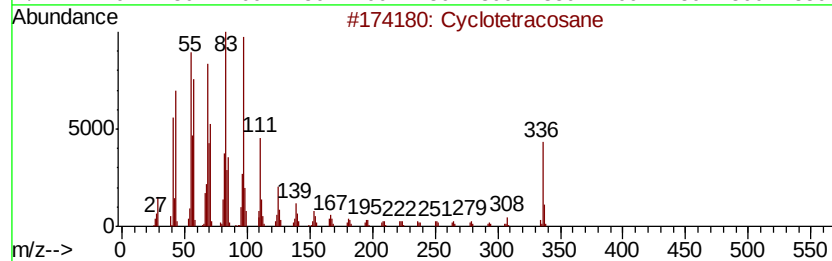
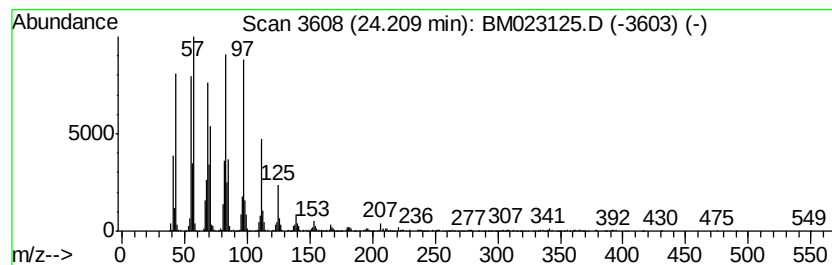
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic24.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	13.33 ng/ul	1448720	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
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Acq On : 11 Oct 2019 12:20
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

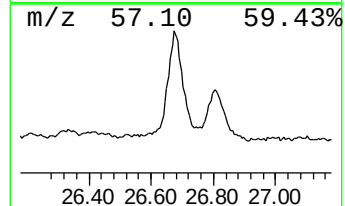
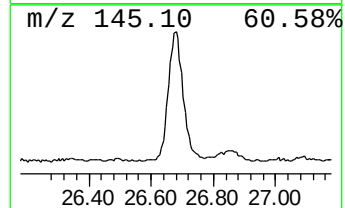
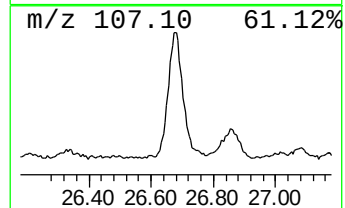
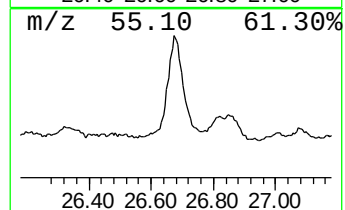
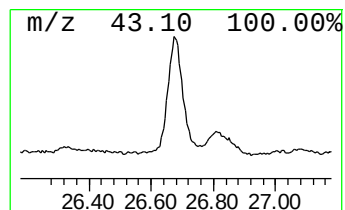
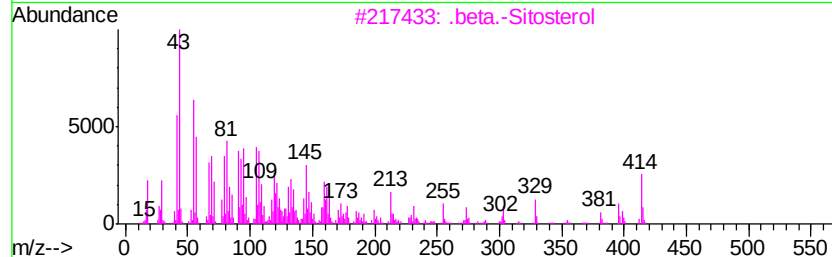
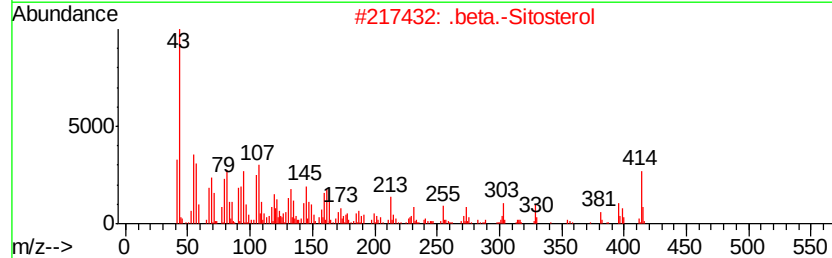
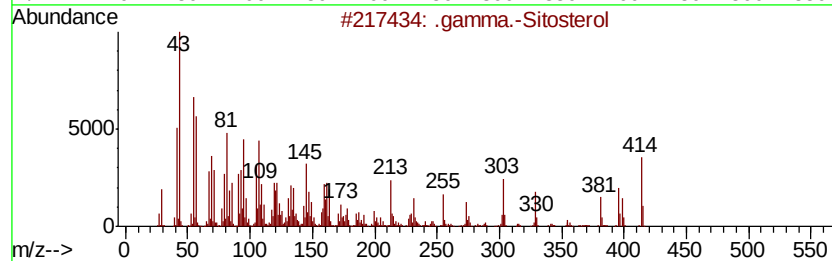
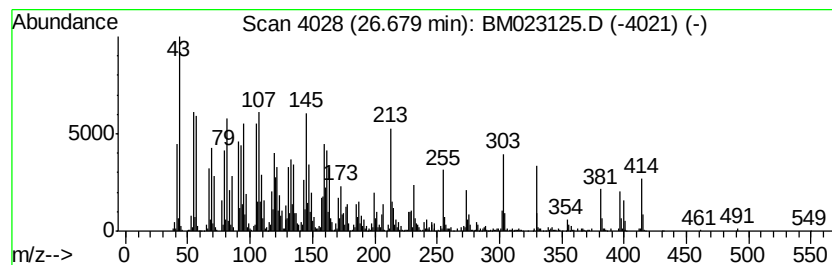
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	24.75 ng/ul	2688480	Perylene-d12	23.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 94
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 64
4		.gamma.-Sitosterol	414 C29H50O	000083-47-6 41
5		Norflurazon	303 C12H9ClF3N3O	027314-13-2 15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023125.D
Acq On : 11 Oct 2019 12:20
Operator : JU
Sample : K5124-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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16-Octadecenal	21.66	2.8	ng/ul	279003	5	21.33	2012640	20.0
(DEL) Alkane: Cyc...	21.94	17.6	ng/ul	1773710	5	21.33	2012640	20.0
1,19-Eicosadiene	22.62	10.7	ng/ul	1165950	6	23.58	2172890	20.0
(DEL) Alkane: Str...	22.90	6.3	ng/ul	686233	6	23.58	2172890	20.0
(DEL) Alkane: Cyc...	22.94	30.3	ng/ul	3291060	6	23.58	2172890	20.0
Oxirane, heptadecyl-	23.79	6.5	ng/ul	703112	6	23.58	2172890	20.0
(DEL) Alkane: Cyc...	24.21	13.3	ng/ul	1448720	6	23.58	2172890	20.0
.gamma.-Sitosterol	26.68	24.8	ng/ul	2688480	6	23.58	2172890	20.0