

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
 Data File : BM025998.D
 Acq On : 15 May 2020 22:48
 Operator : MA/SJ
 Sample : L2678-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CB3

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-BM051320MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM026000.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	29	33	43	rVB	58523	91635	2.07%	0.202%
2	3.705	135	139	146	rVB4	9428	16078	0.36%	0.035%
3	3.787	150	153	156	rVB	9874	11538	0.26%	0.025%
4	5.663	469	472	480	rBV6	5195	12129	0.27%	0.027%
5	6.693	641	647	659	rVB	217566	347683	7.86%	0.766%
6	6.851	668	674	686	rBV	666360	1035154	23.41%	2.281%
7	7.046	700	707	718	rBV	736282	1123696	25.41%	2.476%
8	7.504	779	785	791	rBV	605158	917504	20.75%	2.022%
9	7.557	791	794	797	rVV2	21334	31490	0.71%	0.069%
10	7.593	797	800	807	rVB5	8466	14516	0.33%	0.032%
11	8.216	900	906	918	rVB	562660	824217	18.64%	1.816%
12	8.645	973	979	989	rBV	851101	1348536	30.49%	2.972%
13	8.845	1008	1013	1016	rBV7	4921	7841	0.18%	0.017%
14	9.122	1057	1060	1065	rVB2	13470	18781	0.42%	0.041%
15	9.363	1094	1101	1113	rBV	675512	1042432	23.57%	2.297%
16	9.898	1185	1192	1205	rBV	941463	1488075	33.65%	3.279%
17	10.269	1248	1255	1264	rVB	782681	1233962	27.90%	2.719%
18	10.416	1274	1280	1290	rVB2	48060	91991	2.08%	0.203%
19	11.616	1479	1484	1488	rVB4	5703	6884	0.16%	0.015%
20	11.869	1521	1527	1532	rBV2	14306	21379	0.48%	0.047%
21	12.763	1673	1679	1686	rBV7	3471	6619	0.15%	0.015%
22	13.075	1726	1732	1736	rVB6	6147	10416	0.24%	0.023%
23	13.445	1791	1795	1799	rBV5	3172	4926	0.11%	0.011%
24	13.569	1809	1816	1821	rBV	1671883	2197118	49.68%	4.842%
25	13.616	1821	1824	1834	rVB	132057	183064	4.14%	0.403%
26	13.839	1854	1862	1869	rBV	1807924	2574809	58.22%	5.674%
27	14.086	1901	1904	1908	rVB3	5333	5314	0.12%	0.012%
28	14.151	1908	1915	1924	rBV	1036989	1496771	33.84%	3.299%
29	14.363	1946	1951	1968	rBV	149959	234710	5.31%	0.517%
30	14.992	2054	2058	2061	rVV4	4454	5866	0.13%	0.013%
31	15.045	2061	2067	2072	rVB7	4649	6780	0.15%	0.015%
32	15.151	2078	2085	2091	rBV	2335813	3170774	71.69%	6.988%
33	15.274	2100	2106	2117	rBV	834642	1076255	24.33%	2.372%
34	15.392	2121	2126	2130	rVB	27075	39626	0.90%	0.087%

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35	15.910	2211	2214	2216	rBV4	4373	4715	0.11%	0.010%
36	15.933	2216	2218	2221	rBV3	8089	9968	0.23%	0.022%
37	16.098	2241	2246	2255	rVB3	19476	30386	0.69%	0.067%
38	16.457	2302	2307	2310	rVB5	3542	5933	0.13%	0.013%
39	16.580	2323	2328	2334	rBV9	3839	8164	0.18%	0.018%
40	16.686	2343	2346	2351	rVB6	5396	8001	0.18%	0.018%
41	16.898	2375	2382	2392	rVB	1318635	1749726	39.56%	3.856%
42	16.998	2392	2399	2415	rBV	2520072	3439114	77.76%	7.579%
43	17.839	2534	2542	2571	rBV	1349305	2359611	53.35%	5.200%
44	18.468	2647	2649	2653	rBV5	3766	4949	0.11%	0.011%
45	18.504	2653	2655	2659	rVB5	5138	5828	0.13%	0.013%
46	18.768	2697	2700	2705	rBV7	5198	8644	0.20%	0.019%
47	18.933	2724	2728	2731	rBV2	27473	34558	0.78%	0.076%
48	18.992	2735	2738	2743	rBV5	22804	33355	0.75%	0.074%
49	19.121	2755	2760	2769	rBV	1338397	2073075	46.87%	4.569%
50	19.298	2784	2790	2798	rVB	3169022	4070152	92.03%	8.970%
51	19.639	2845	2848	2853	rVB6	17131	19815	0.45%	0.044%
52	19.886	2888	2890	2893	rBV3	11869	13079	0.30%	0.029%
53	20.845	3049	3053	3058	rBV	223172	296346	6.70%	0.653%
54	21.098	3090	3096	3101	rBV	1643453	2126895	48.09%	4.687%
55	21.286	3125	3128	3132	rBV2	66172	70709	1.60%	0.156%
56	21.709	3197	3200	3207	rVB	107759	136097	3.08%	0.300%
57	22.145	3271	3274	3278	rBV	161976	200514	4.53%	0.442%
58	22.627	3352	3356	3361	rBV	211844	265643	6.01%	0.585%
59	23.086	3428	3434	3441	rBV	2566276	4422708	100.00%	9.747%
60	23.156	3442	3446	3451	rVV	260993	401616	9.08%	0.885%
61	23.221	3451	3457	3468	rVB	1267391	2233835	50.51%	4.923%
62	23.762	3545	3549	3555	rVB	216190	325882	7.37%	0.718%
63	24.456	3662	3667	3674	rVB2	163878	318787	7.21%	0.703%

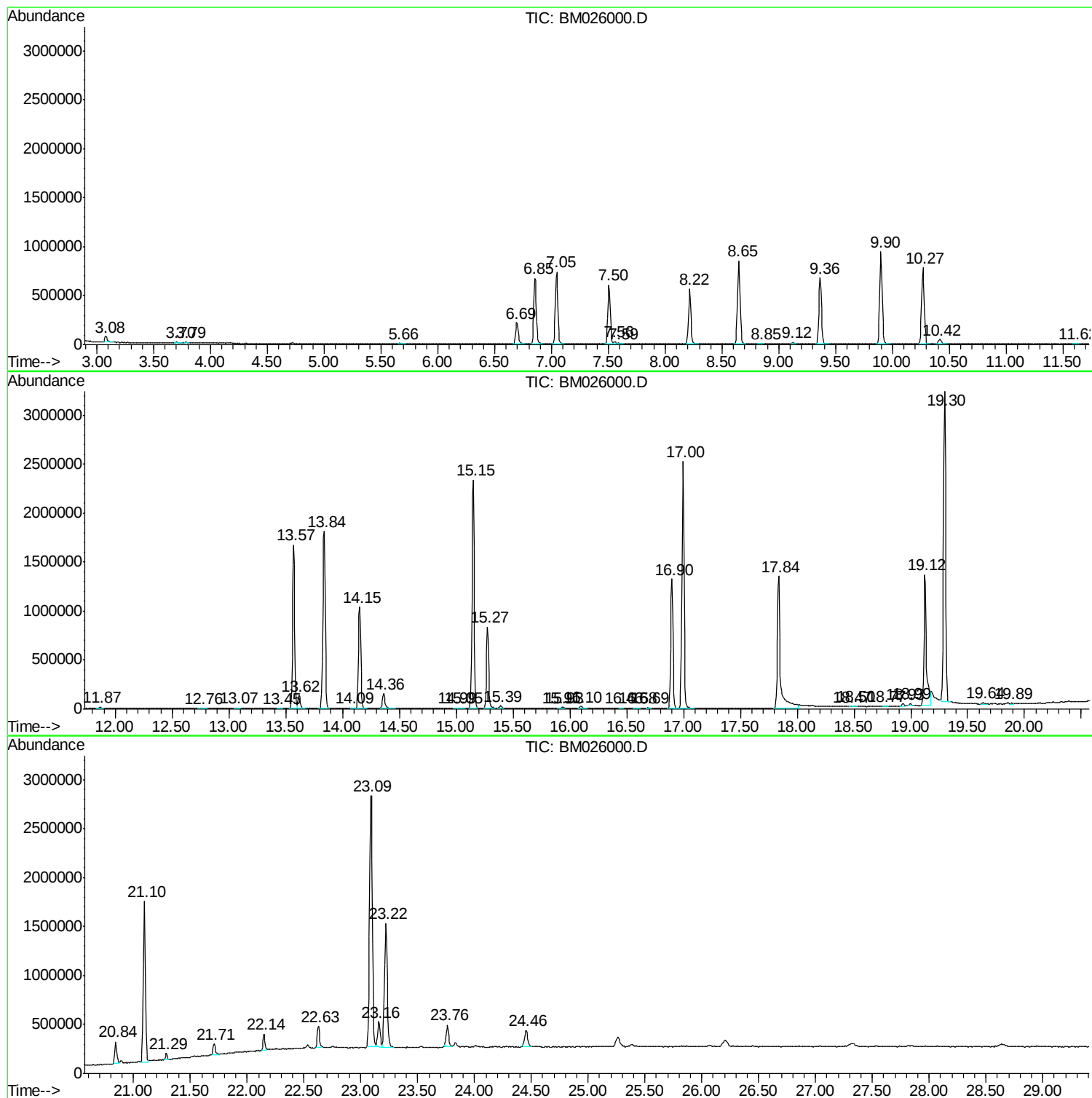
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Quant Title : SVOA CALIBRATION

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



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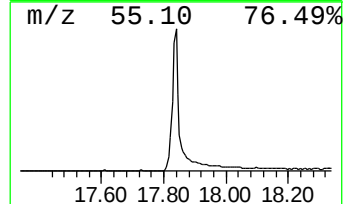
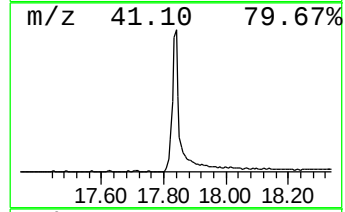
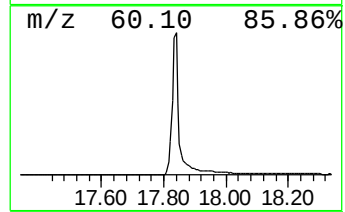
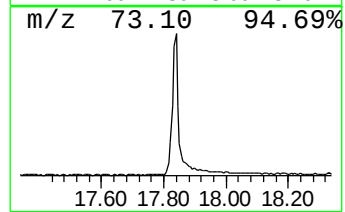
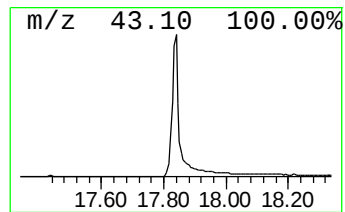
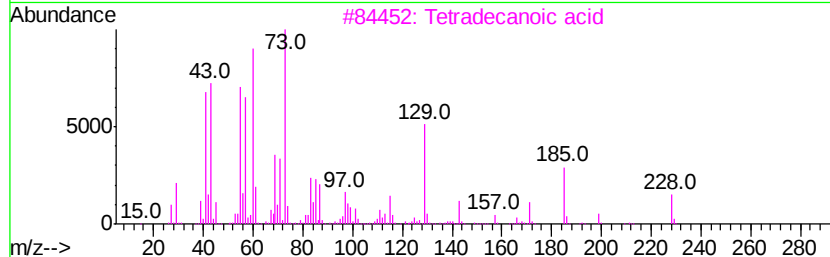
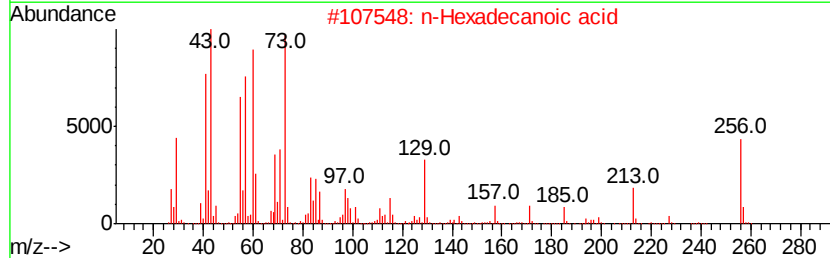
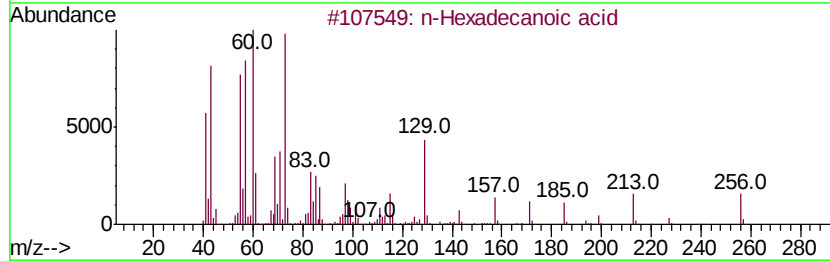
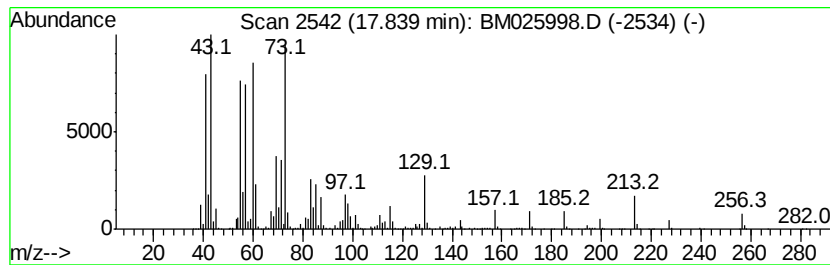
Instrument :
BNA_M
ClientSampleId :
C5CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.84	26.97 ng/ul	2359610	Phenanthrene-d10	16.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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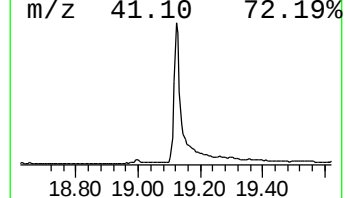
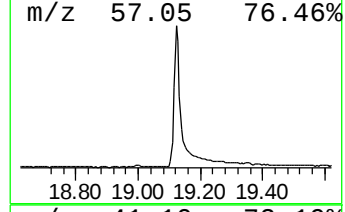
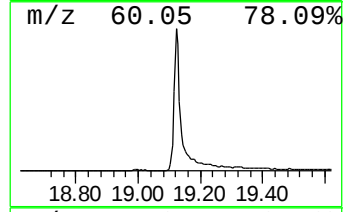
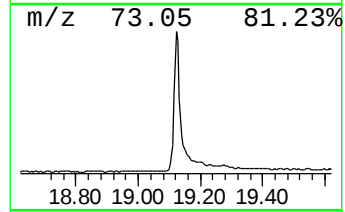
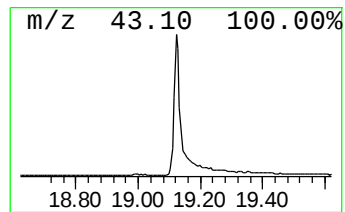
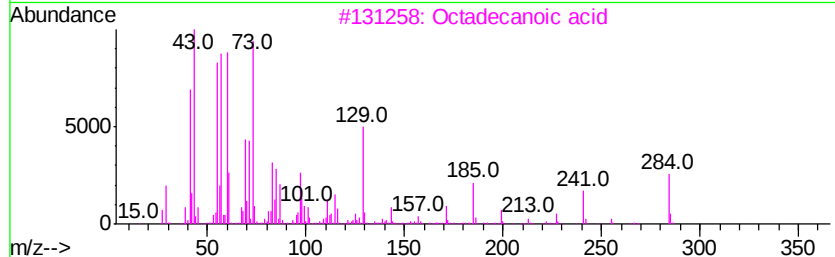
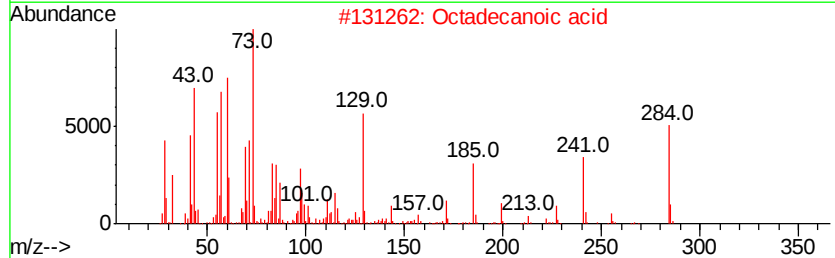
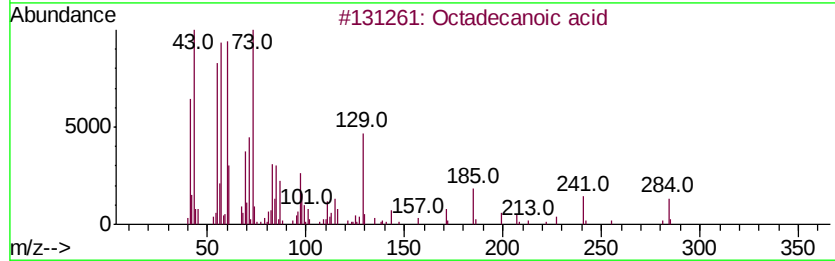
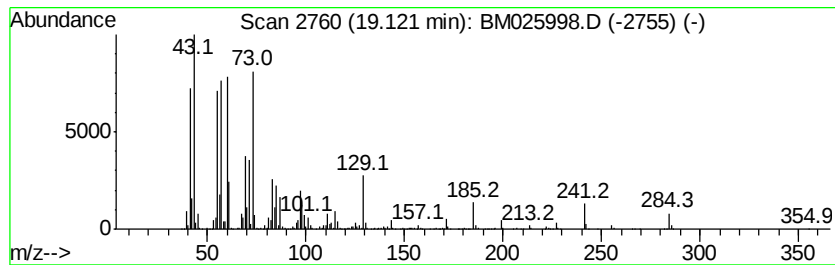
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	19.49 ng/ul	2073080	Chrysene-d12	21.10
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	99
3	Octadecanoic acid	284 C18H36O2	000057-11-4	99
4	Octadecanoic acid	284 C18H36O2	000057-11-4	99
5	Octadecanoic acid	284 C18H36O2	000057-11-4	95



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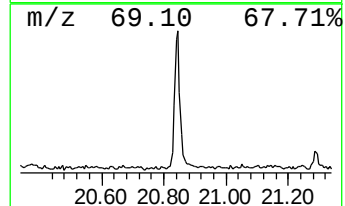
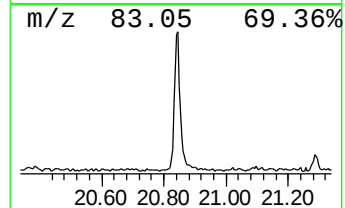
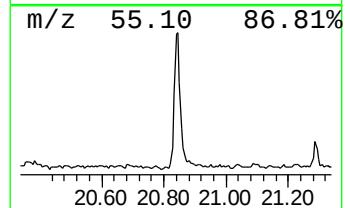
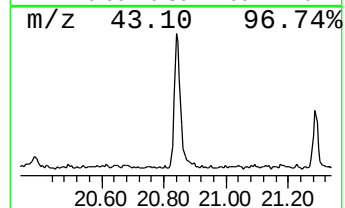
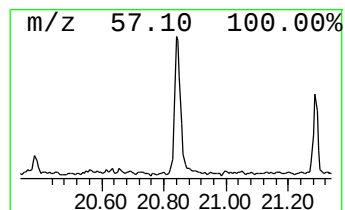
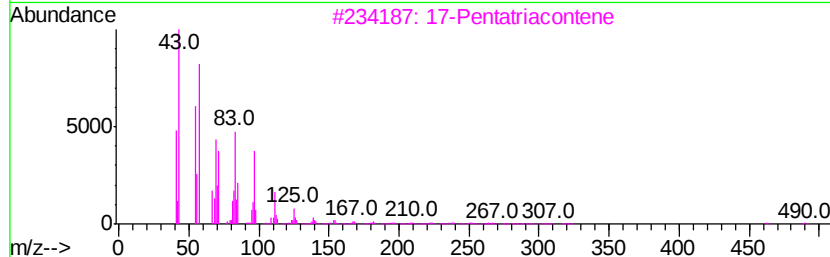
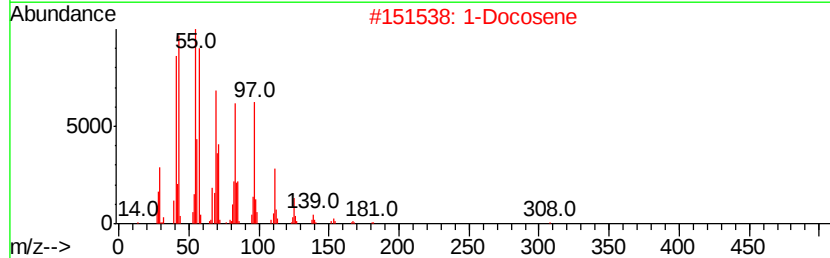
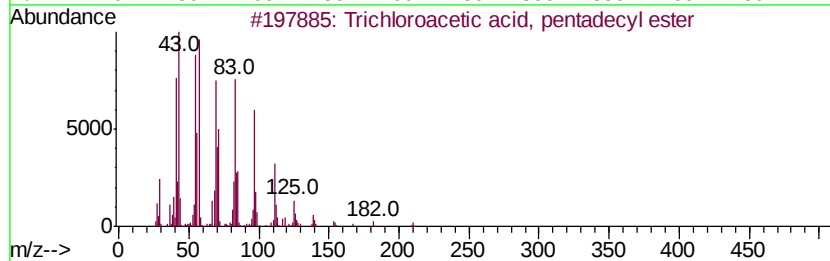
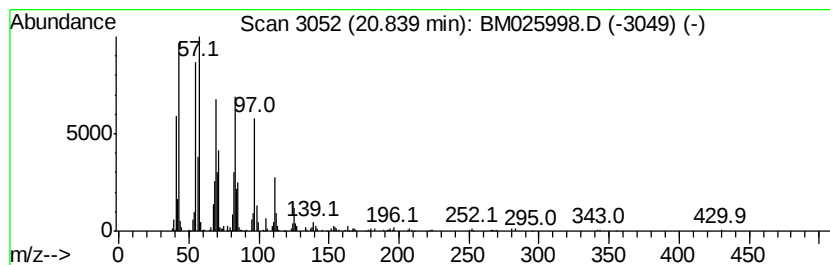
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.79 ng/ul	296346	Chrysene-d12	21.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
2		1-Docosene	308	C22H44	001599-67-3	93
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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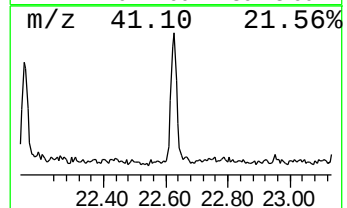
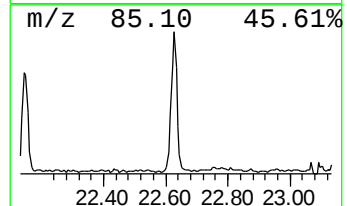
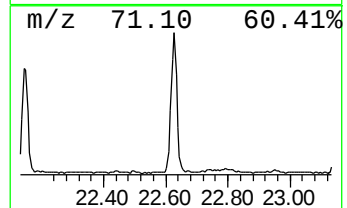
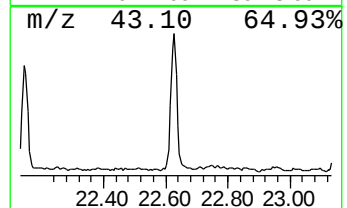
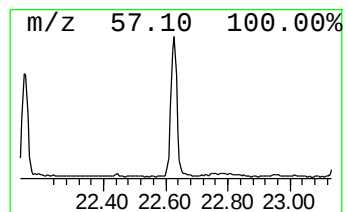
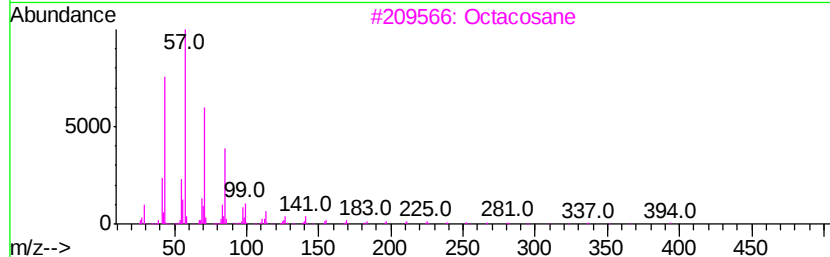
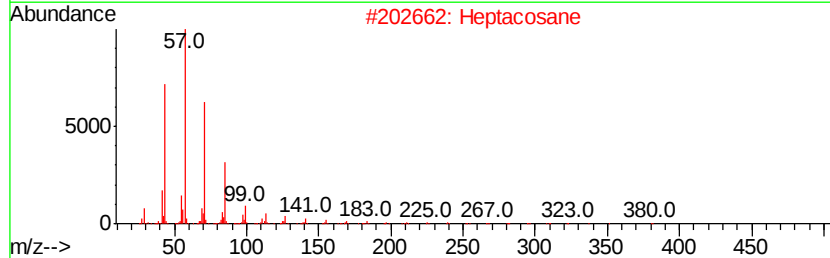
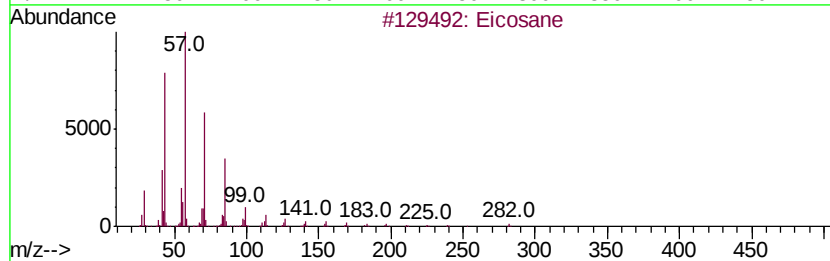
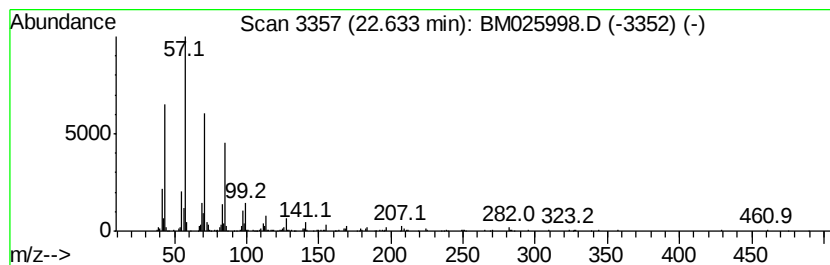
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.38 ng/ul	265643	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptacosane	380	C27H56	000593-49-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Octadecane	254	C18H38	000593-45-3	81



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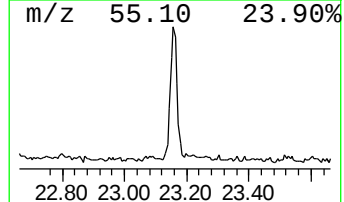
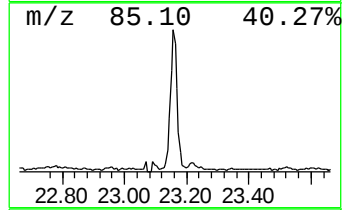
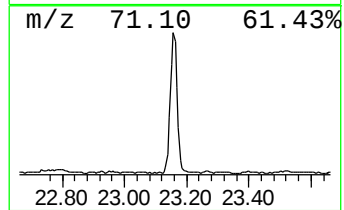
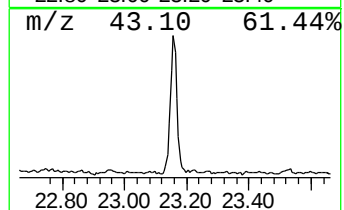
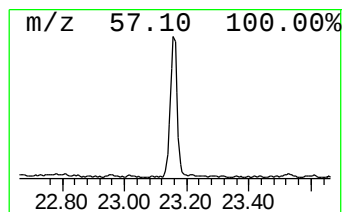
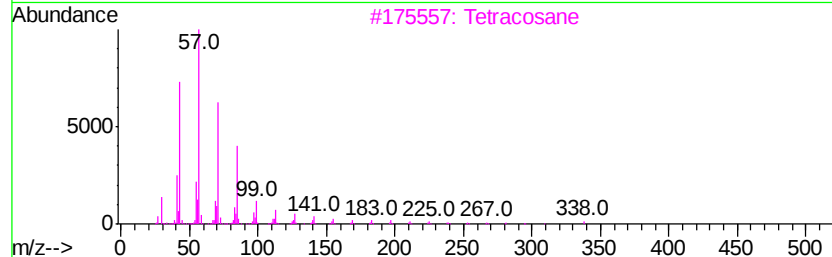
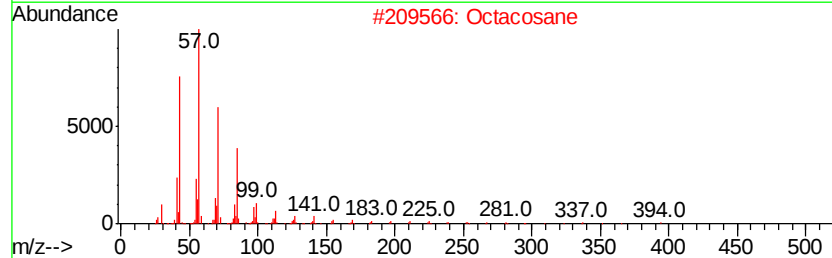
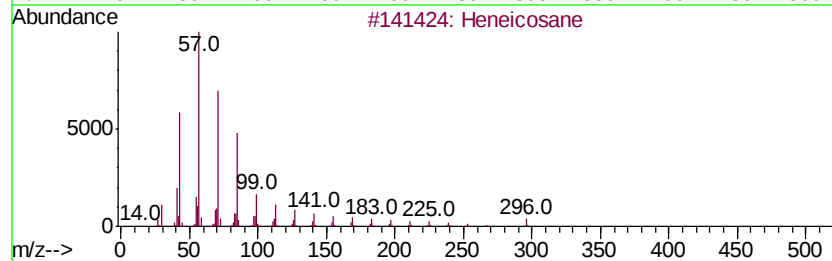
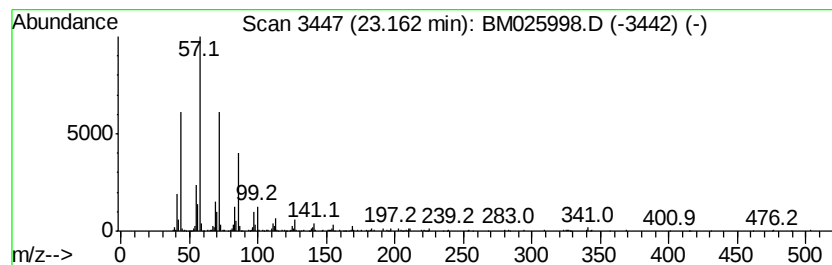
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.60 ng/ul	401616	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM025998.D
Acq On : 15 May 2020 22:48
Operator : MA/SJ
Sample : L2678-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CB3

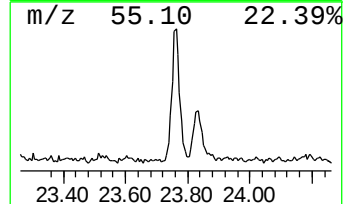
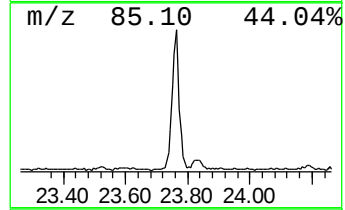
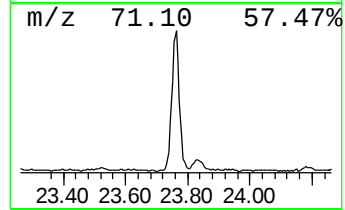
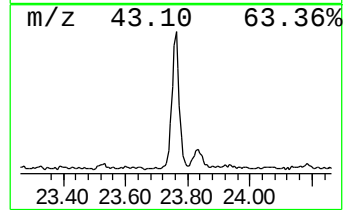
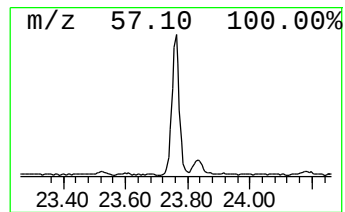
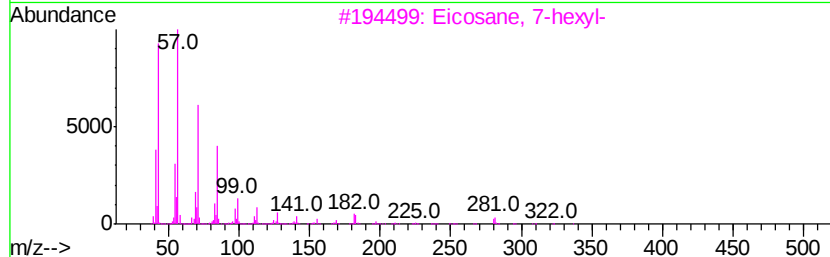
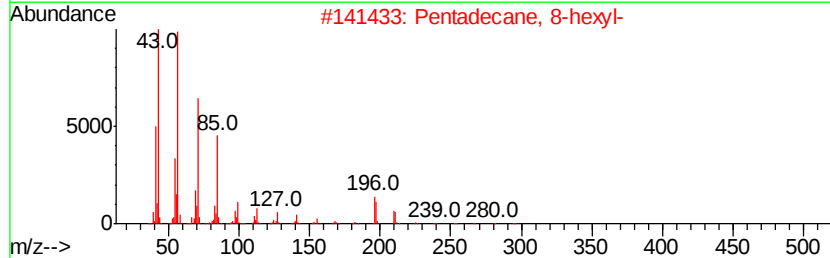
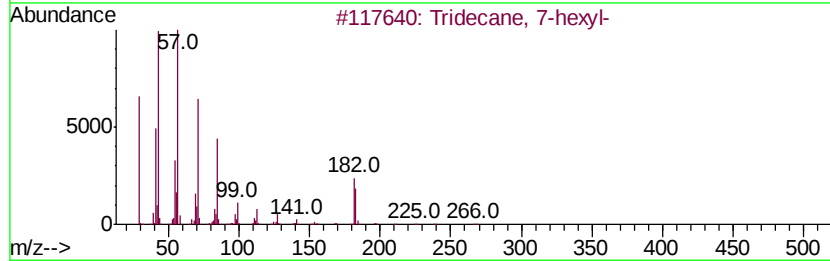
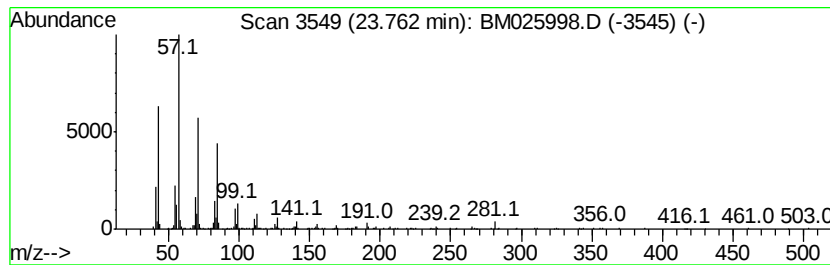
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.92 ng/ul	325882	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM025998.D
Acq On : 15 May 2020 22:48
Operator : MA/SJ
Sample : L2678-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CB3

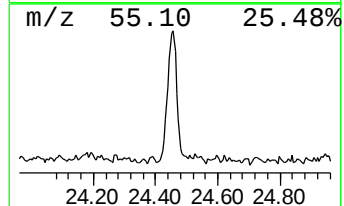
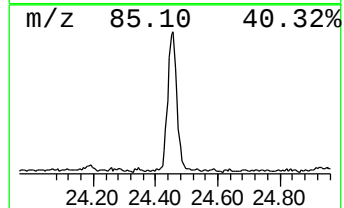
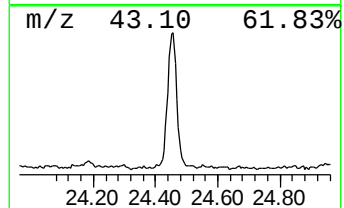
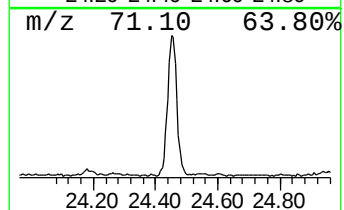
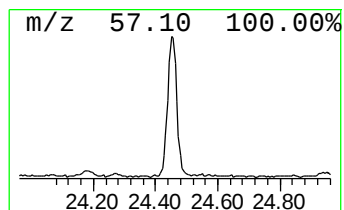
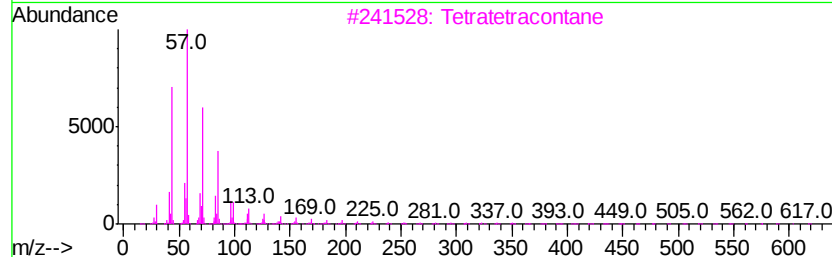
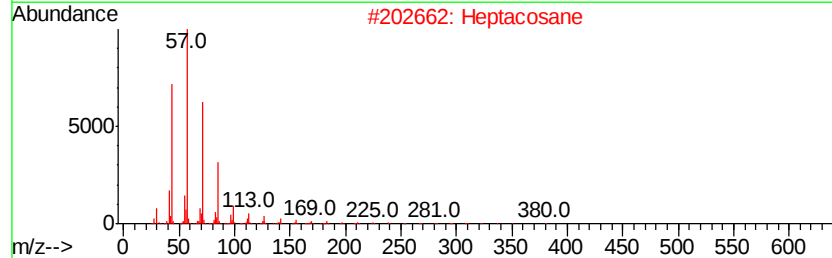
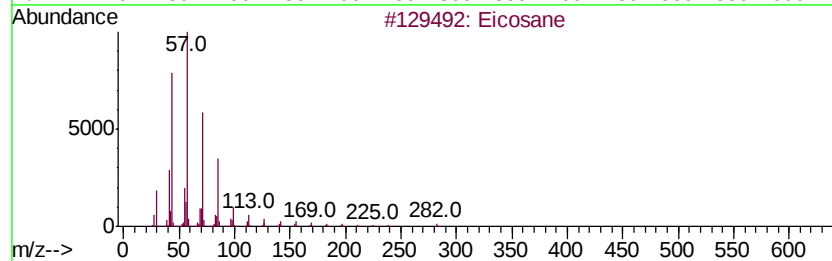
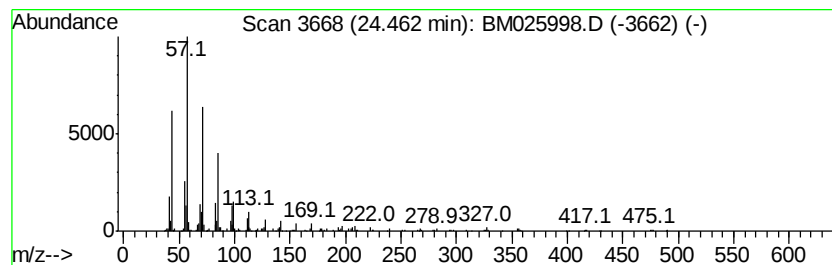
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.85 ng/ul	318787	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051520\
Data File : BM025998.D
Acq On : 15 May 2020 22:48
Operator : MA/SJ
Sample : L2678-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
n-Hexadecanoic acid	17.84	27.0	ng/ul	2359610	4	16.90	1749730	20.0
Octadecanoic acid	19.12	19.5	ng/ul	2073080	5	21.10	2126900	20.0
Trichloroacetic a...	20.84	2.8	ng/ul	296346	5	21.10	2126900	20.0
(DEL) Alkane: Str...	22.63	2.4	ng/ul	265643	6	23.22	2233840	20.0
(DEL) Alkane: Str...	23.16	3.6	ng/ul	401616	6	23.22	2233840	20.0
(DEL) Alkane: Str...	23.76	2.9	ng/ul	325882	6	23.22	2233840	20.0
(DEL) Alkane: Str...	24.46	2.9	ng/ul	318787	6	23.22	2233840	20.0