

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021531.D
 Acq On : 18 Jul 2019 19:43
 Operator : HP/JU
 Sample : K3822-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4C6

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-BM070819MA.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	6.892	658	664	677	rVB2	190729	363188	7.15%	0.800%
2	7.063	688	693	703	rVB	510641	810272	15.95%	1.785%
3	7.251	719	725	735	rVB	614258	974817	19.19%	2.147%
4	7.716	798	804	810	rBV	649362	1015465	19.99%	2.237%
5	7.775	811	814	819	rVB	35546	50785	1.00%	0.112%
6	8.422	918	924	934	rBV	457893	779481	15.35%	1.717%
7	8.810	986	990	995	rVB	35581	55320	1.09%	0.122%
8	8.880	995	1002	1009	rBV	699187	1145595	22.55%	2.523%
9	9.028	1025	1027	1036	rVB4	15381	22338	0.44%	0.049%
10	9.598	1117	1124	1133	rVB	562157	971555	19.13%	2.140%
11	10.045	1195	1200	1207	rVB5	10089	21926	0.43%	0.048%
12	10.127	1207	1214	1229	rBV	824493	1473536	29.01%	3.246%
13	10.427	1260	1265	1270	rBV	21880	39658	0.78%	0.087%
14	10.498	1270	1277	1284	rVV	868102	1435384	28.26%	3.162%
15	10.557	1284	1287	1291	rVB3	12793	17469	0.34%	0.038%
16	10.663	1300	1305	1315	rVB3	42362	92320	1.82%	0.203%
17	11.810	1494	1500	1512	rVB2	52077	94592	1.86%	0.208%
18	12.016	1531	1535	1541	rVB2	4894	8242	0.16%	0.018%
19	12.104	1545	1550	1558	rVB3	11956	21420	0.42%	0.047%
20	12.704	1646	1652	1654	rBV5	6529	8929	0.18%	0.020%
21	12.957	1691	1695	1701	rBV3	16084	24677	0.49%	0.054%
22	13.304	1748	1754	1763	rBV	53487	112270	2.21%	0.247%
23	13.780	1825	1835	1839	rBV	1571283	2259520	44.48%	4.977%
24	13.821	1839	1842	1851	rVB	237904	349203	6.87%	0.769%
25	14.051	1875	1881	1889	rBV	1907309	2800392	55.13%	6.168%
26	14.363	1926	1934	1942	rBV2	1256819	1907605	37.56%	4.202%
27	14.445	1942	1948	1952	rVB2	10883	15635	0.31%	0.034%
28	14.568	1964	1969	1970	rBV3	10849	12904	0.25%	0.028%
29	14.604	1970	1975	1991	rVB2	46516	124335	2.45%	0.274%
30	15.039	2044	2049	2054	rBV	27166	39197	0.77%	0.086%
31	15.174	2063	2072	2074	rBV4	5973	12079	0.24%	0.027%
32	15.204	2074	2077	2081	rVB2	6483	8441	0.17%	0.019%
33	15.357	2097	2103	2116	rBV	2418621	3430427	67.54%	7.556%
34	15.492	2120	2126	2140	rBV	459367	702905	13.84%	1.548%

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35	15.604	2140	2145	2149	rBV	21853	31482	0.62%	0.069%
36	15.733	2162	2167	2172	rBV3	7777	10176	0.20%	0.022%
37	16.062	2219	2223	2227	rBV2	4197	5665	0.11%	0.012%
38	16.145	2233	2237	2241	rVB3	9514	12182	0.24%	0.027%
39	16.527	2298	2302	2304	rBV2	4313	6034	0.12%	0.013%
40	16.709	2328	2333	2338	rVB5	4976	8656	0.17%	0.019%
41	16.862	2356	2359	2362	rBV4	5131	7782	0.15%	0.017%
42	16.904	2362	2366	2371	rVB2	6661	11442	0.23%	0.025%
43	17.115	2395	2402	2409	rBV	1505226	2126260	41.86%	4.683%
44	17.215	2412	2419	2430	rVB	2447649	3560364	70.09%	7.842%
45	17.780	2509	2515	2521	rVV	357533	443421	8.73%	0.977%
46	18.003	2548	2553	2564	rBV	130948	209483	4.12%	0.461%
47	18.292	2599	2602	2607	rVB2	14681	18222	0.36%	0.040%
48	18.927	2707	2710	2715	rBV3	22501	26038	0.51%	0.057%
49	19.145	2743	2747	2750	rBV	48561	65985	1.30%	0.145%
50	19.286	2768	2771	2776	rBV2	68018	98729	1.94%	0.217%
51	19.397	2787	2790	2794	rBV2	22679	28975	0.57%	0.064%
52	19.509	2803	2809	2814	rBV	3140448	4206783	82.82%	9.266%
53	19.550	2814	2816	2820	rVB2	46463	48551	0.96%	0.107%
54	20.044	2897	2900	2903	rBV	76224	77268	1.52%	0.170%
55	20.539	2981	2984	2988	rBV	157014	179022	3.52%	0.394%
56	21.003	3060	3063	3074	rBV	291298	385244	7.58%	0.849%
57	21.303	3109	3114	3124	rBV	1812692	2365953	46.58%	5.211%
58	21.439	3134	3137	3141	rBV	352249	361843	7.12%	0.797%
59	21.874	3208	3211	3216	rBV	385792	416503	8.20%	0.917%
60	22.338	3286	3290	3300	rBV2	526367	824309	16.23%	1.816%
61	22.844	3372	3376	3383	rVB	436183	604352	11.90%	1.331%
62	23.409	3466	3472	3487	rVB	2764298	5079370	100.00%	11.188%
63	23.556	3491	3497	3506	rVB	1291960	2469938	48.63%	5.440%
64	24.056	3578	3582	3588	rVB	283180	509984	10.04%	1.123%

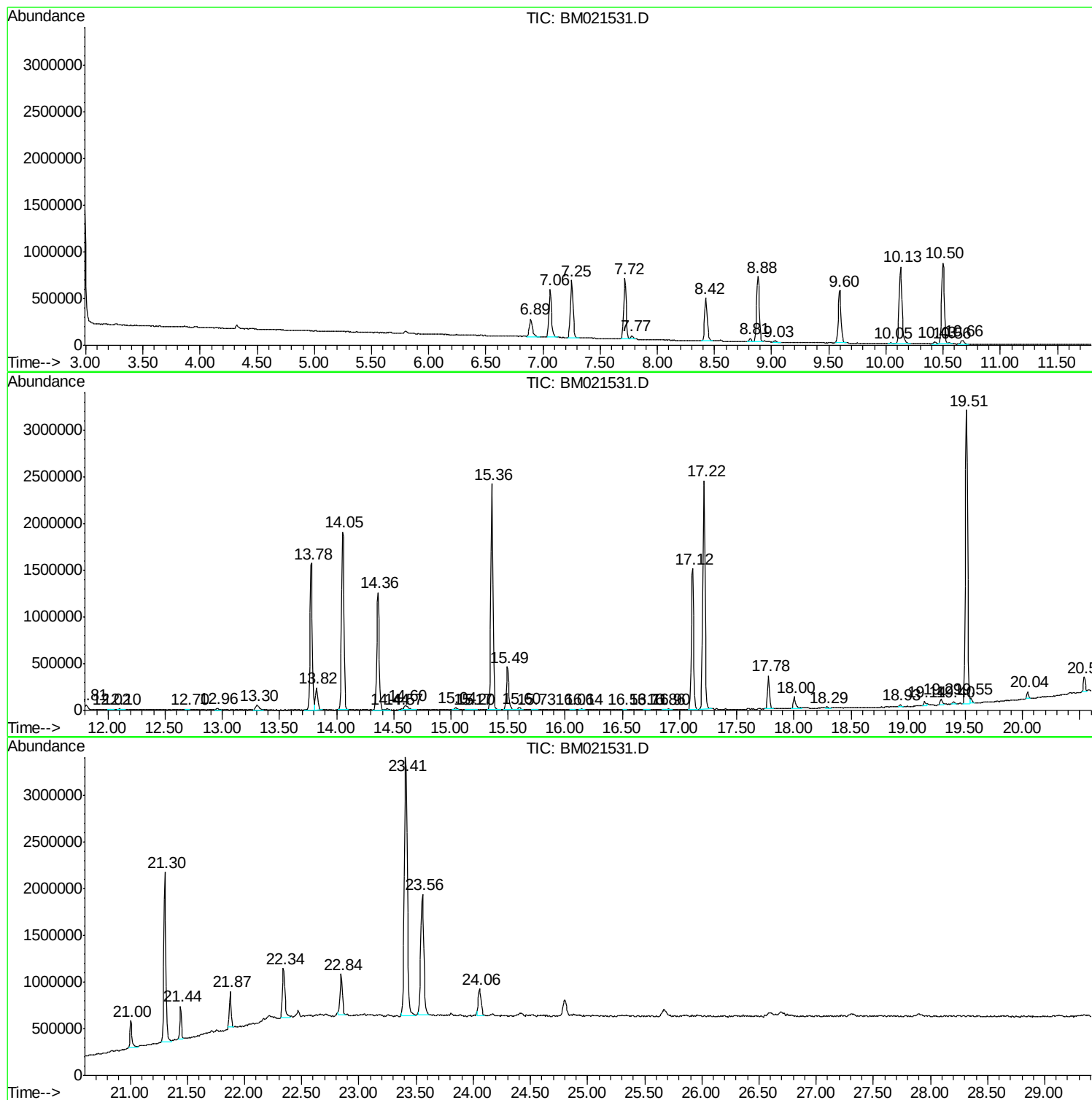
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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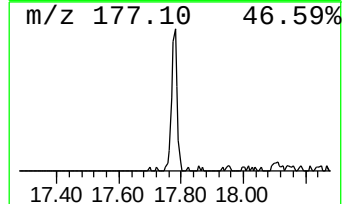
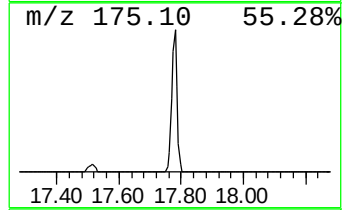
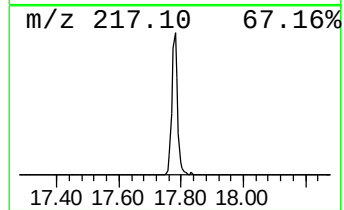
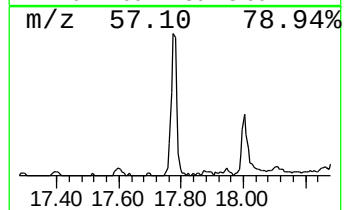
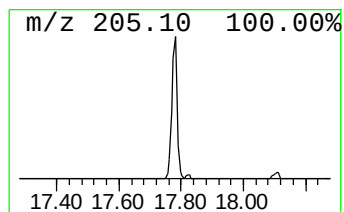
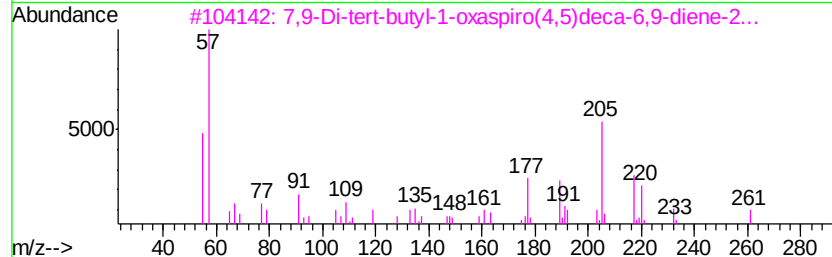
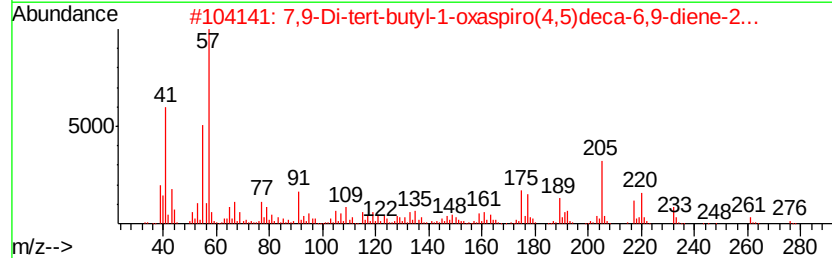
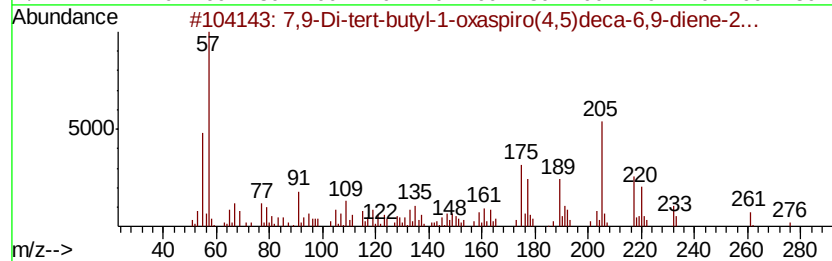
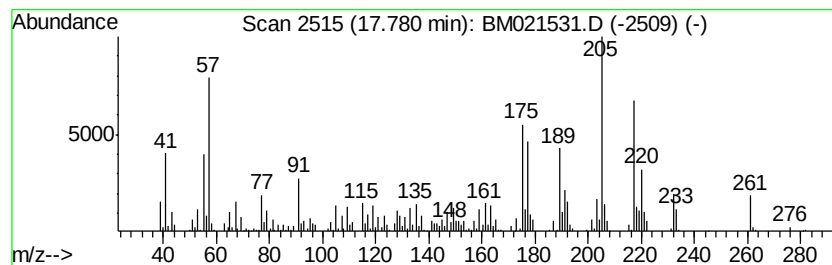
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	4.17 ng/ul	443421	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5			2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42



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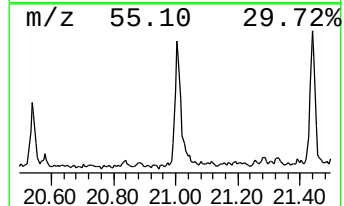
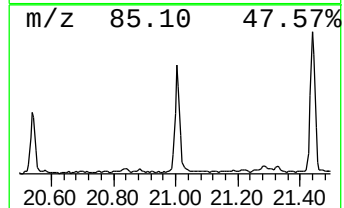
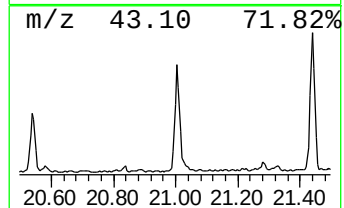
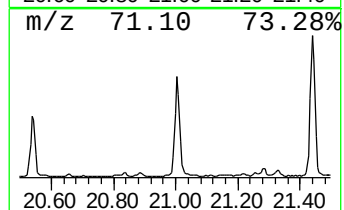
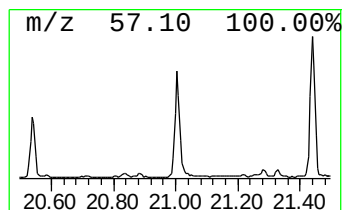
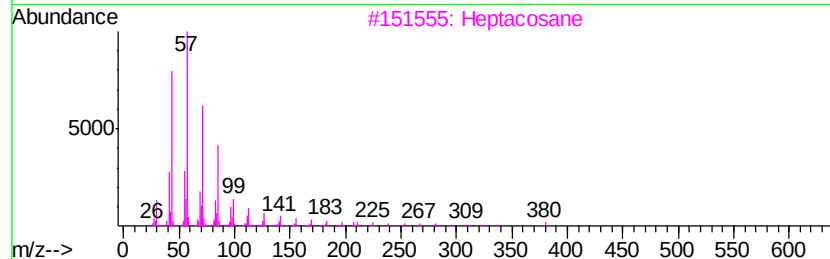
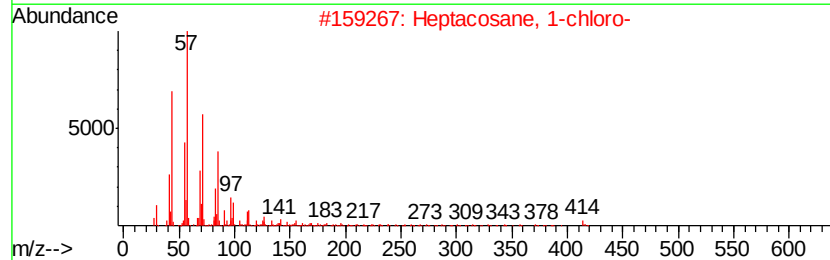
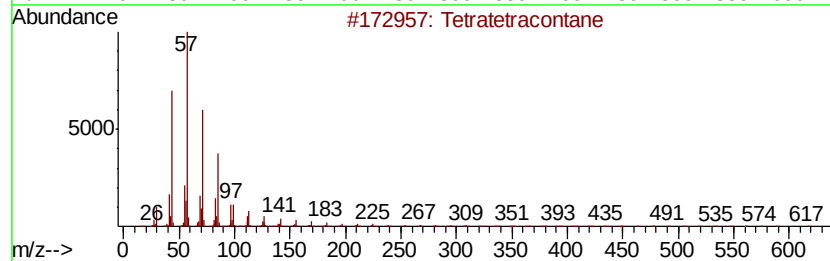
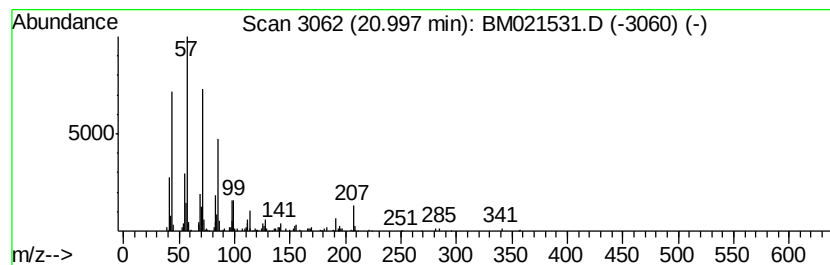
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.26 ng/ul	385244	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tritetracontane	605	C43H88	007098-21-7	87
5		Hexatriacontane	507	C36H74	000630-06-8	83



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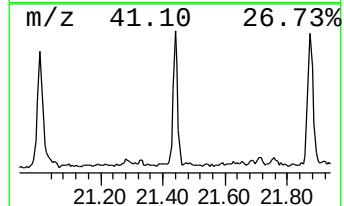
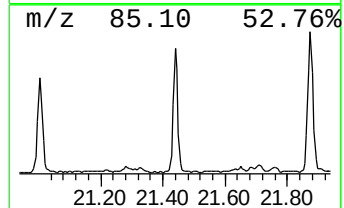
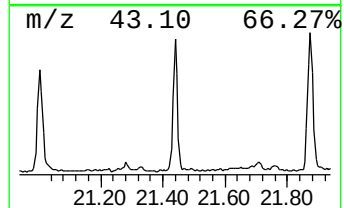
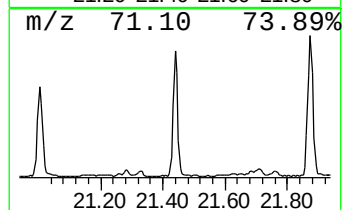
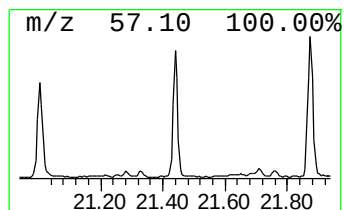
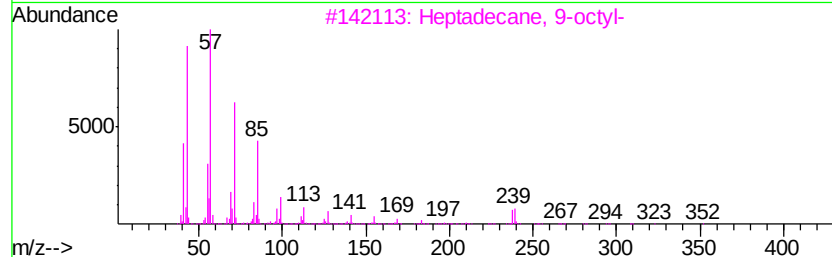
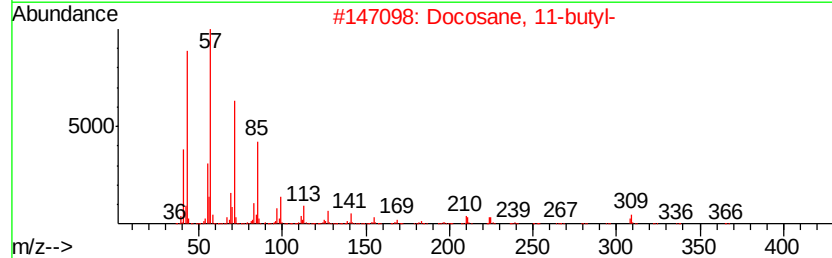
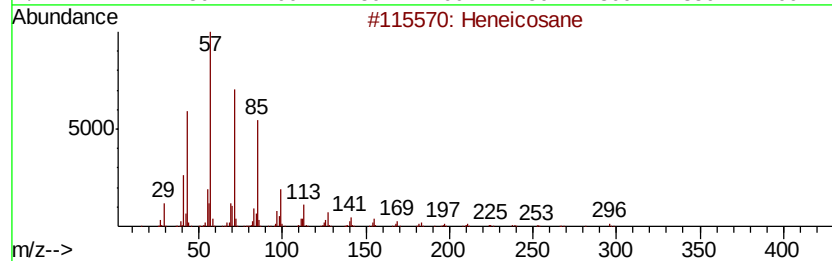
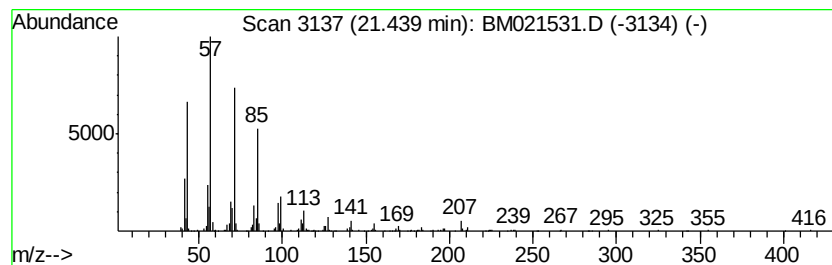
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.06 ng/ul	361843	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



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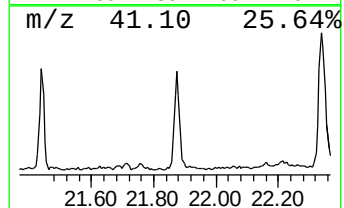
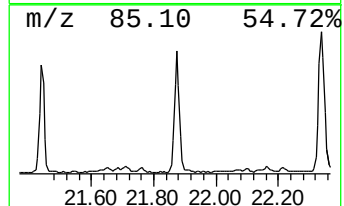
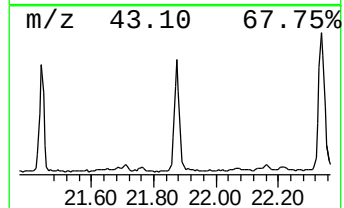
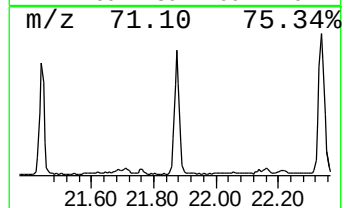
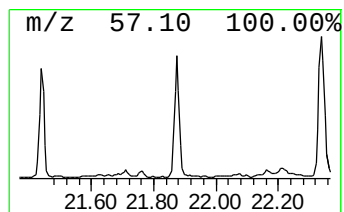
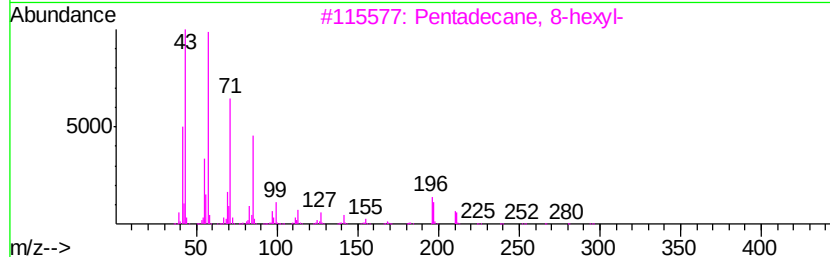
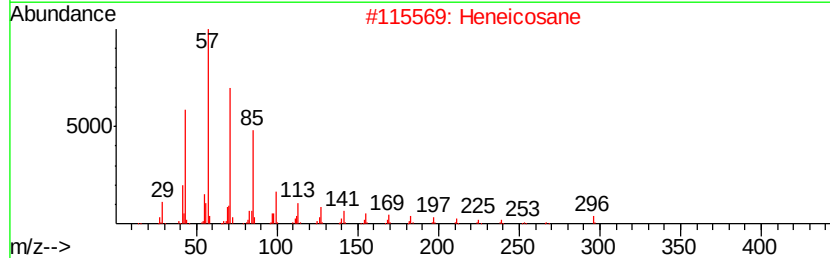
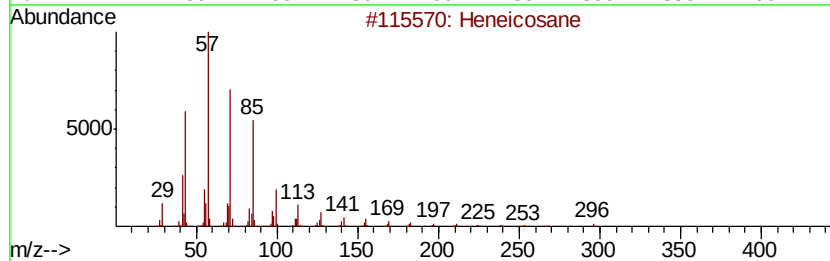
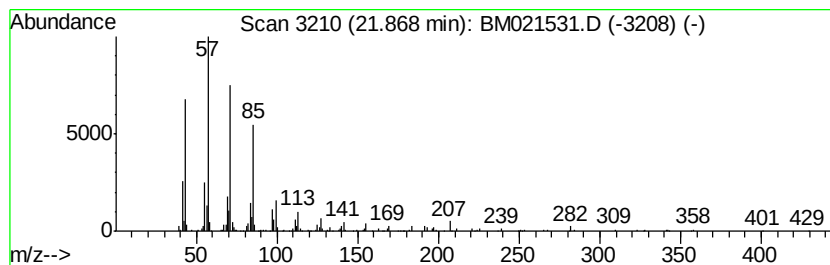
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.52 ng/ul	416503	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94



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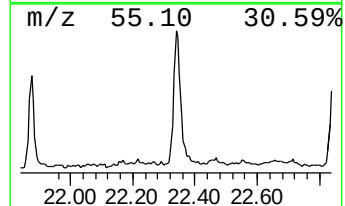
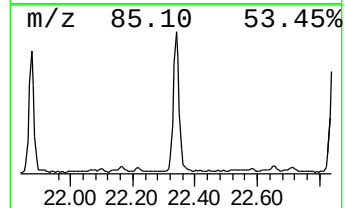
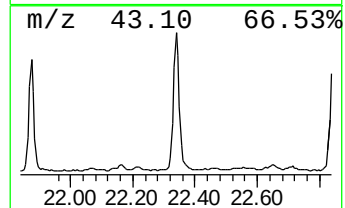
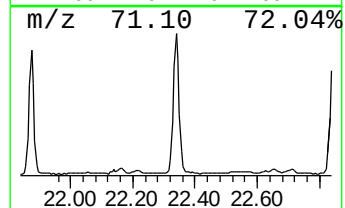
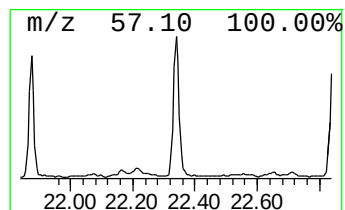
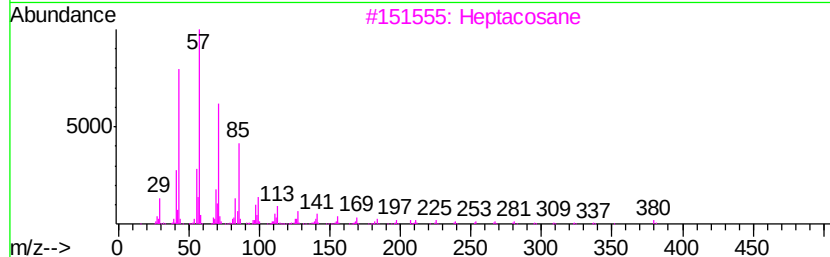
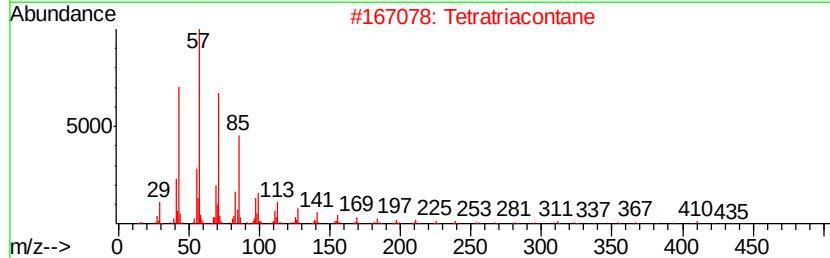
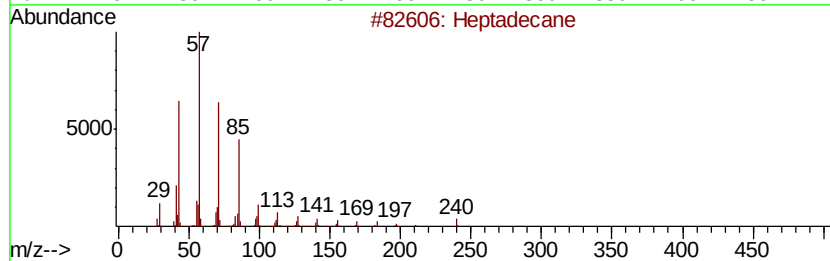
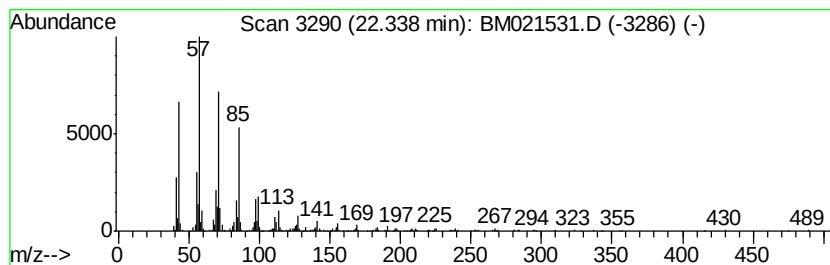
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ClientSampleId :
BF4C6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.34	6.97 ng/ul	824309	Chrysene-d12		21.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetratriacontane	479	C34H70	014167-59-0	87
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021531.D
Acq On : 18 Jul 2019 19:43
Operator : HP/JU
Sample : K3822-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF4C6

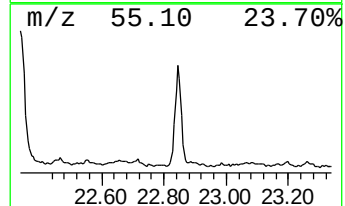
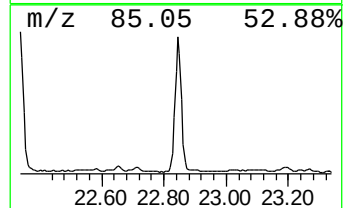
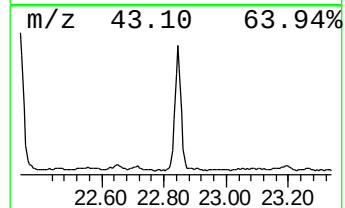
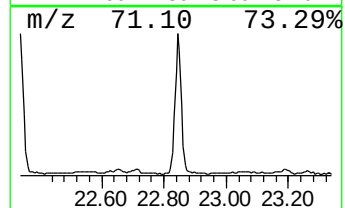
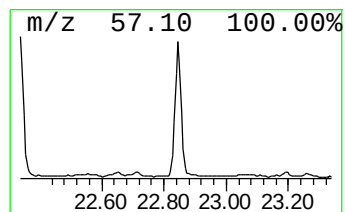
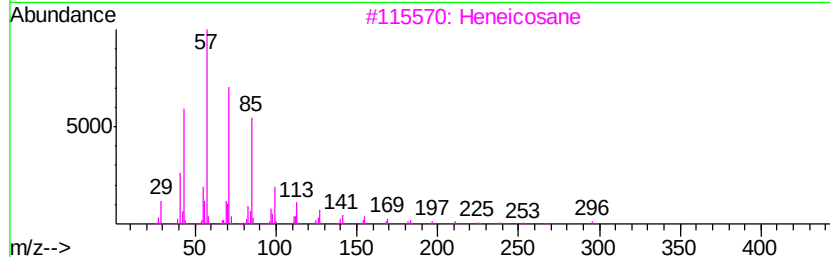
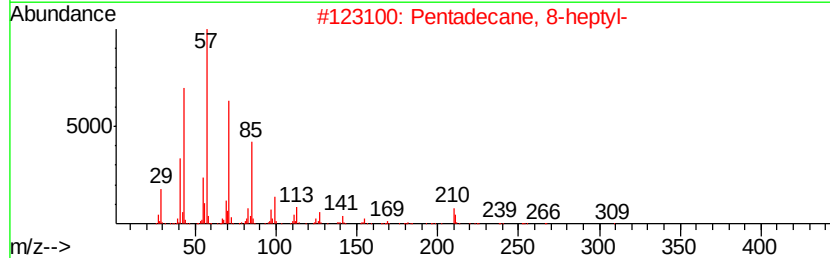
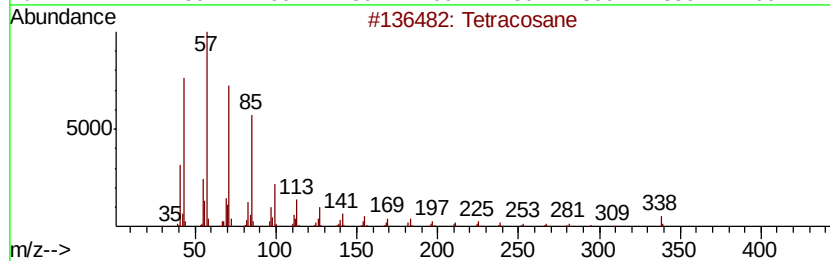
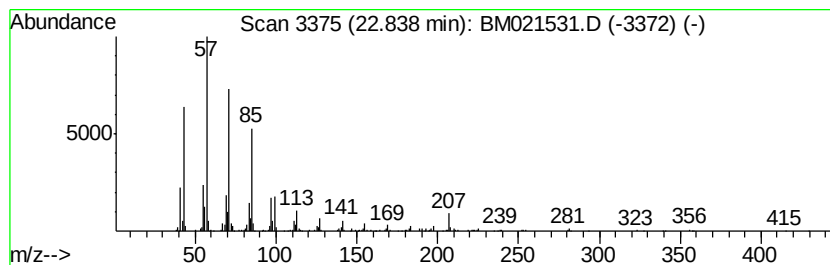
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	4.89 ng/ul	604352	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021531.D
Acq On : 18 Jul 2019 19:43
Operator : HP/JU
Sample : K3822-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF4C6

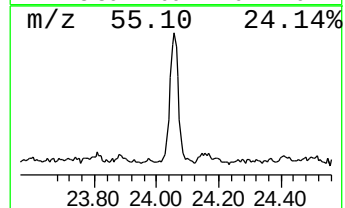
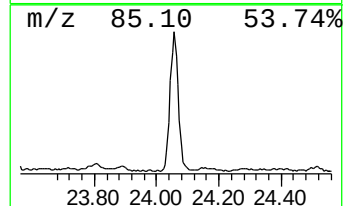
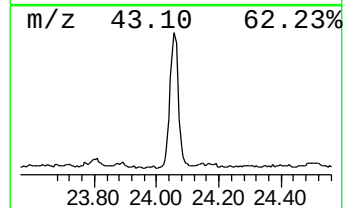
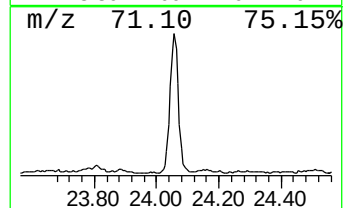
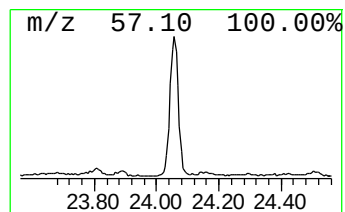
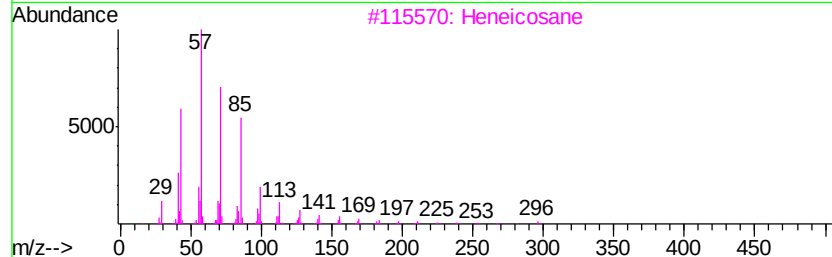
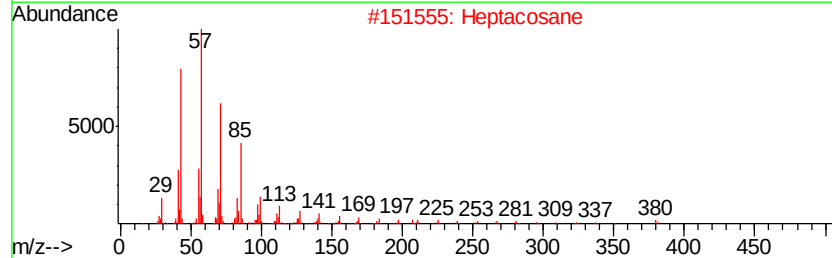
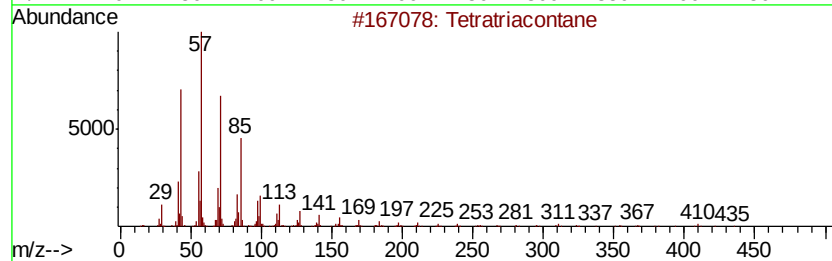
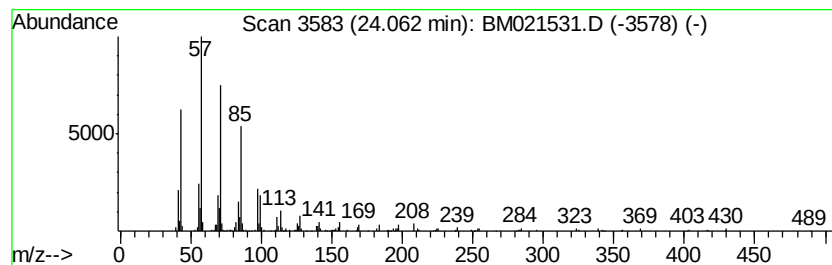
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.13 ng/ul	509984	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	87
2		Heptacosane	380	C27H56	000593-49-7	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Triacontane	422	C30H62	000638-68-6	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021531.D
Acq On : 18 Jul 2019 19:43
Operator : HP/JU
Sample : K3822-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF4C6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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
7,9-Di-tert-butyl...	17.78	4.2	ng/ul	443421	4	17.12	2126260	20.0
(DEL) Alkane: Str...	21.00	3.3	ng/ul	385244	5	21.30	2365950	20.0
(DEL) Alkane: Str...	21.44	3.1	ng/ul	361843	5	21.30	2365950	20.0
(DEL) Alkane: Str...	21.87	3.5	ng/ul	416503	5	21.30	2365950	20.0
(DEL) Alkane: Str...	22.34	7.0	ng/ul	824309	5	21.30	2365950	20.0
(DEL) Alkane: Str...	22.84	4.9	ng/ul	604352	6	23.56	2469940	20.0
(DEL) Alkane: Str...	24.06	4.1	ng/ul	509984	6	23.56	2469940	20.0