

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009591.D
 Acq On : 05 Feb 2020 07:51
 Operator : CG/JU
 Sample : L1323-13
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT51

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_N\METHODS\SOM-EPA-BN020320MA.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	3.076	11	15	23	rBV	39403	58347	1.75%	0.126%
2	3.381	65	67	77	rBV3	7669	21919	0.66%	0.047%
3	3.681	114	118	126	rBV8	11235	22963	0.69%	0.049%
4	3.758	128	131	137	rVB5	8909	15015	0.45%	0.032%
5	3.876	149	151	155	rVB5	3228	3442	0.10%	0.007%
6	4.305	222	224	230	rVB5	3034	4533	0.14%	0.010%
7	4.711	290	293	296	rBV3	3142	3612	0.11%	0.008%
8	5.511	425	429	430	rVB4	3638	4207	0.13%	0.009%
9	5.534	430	433	434	rBV2	3454	3506	0.11%	0.008%
10	5.622	444	448	450	rBV4	5318	8095	0.24%	0.017%
11	6.152	533	538	542	rBV4	8242	12523	0.38%	0.027%
12	6.505	596	598	601	rBV4	3382	4740	0.14%	0.010%
13	6.634	614	620	635	rBV2	768253	1408176	42.20%	3.029%
14	6.793	641	647	662	rVB	542411	827074	24.79%	1.779%
15	6.975	669	678	688	rBV	718055	1163050	34.85%	2.502%
16	7.081	691	696	701	rBV4	3962	4850	0.15%	0.010%
17	7.434	750	756	767	rBV	746213	1164280	34.89%	2.505%
18	7.522	767	771	776	rVV3	12452	19319	0.58%	0.042%
19	8.146	871	877	889	rBV	840527	1363516	40.86%	2.933%
20	8.258	895	896	901	rVB4	3379	3953	0.12%	0.009%
21	8.575	944	950	960	rBV	702381	1161968	34.82%	2.500%
22	8.822	989	992	997	rBV4	2431	4459	0.13%	0.010%
23	9.028	1023	1027	1032	rBV2	8262	11719	0.35%	0.025%
24	9.287	1065	1071	1080	rBV	585294	958147	28.71%	2.061%
25	9.352	1080	1082	1086	rVB5	3622	3961	0.12%	0.009%
26	9.822	1155	1162	1177	rBV	841540	1390897	41.68%	2.992%
27	10.187	1216	1224	1231	rBV	1022160	1653991	49.57%	3.558%
28	10.334	1242	1249	1261	rBV	790097	1399320	41.93%	3.010%
29	11.793	1491	1497	1506	rBV3	10855	20090	0.60%	0.043%
30	12.599	1632	1634	1638	rVB4	2898	3959	0.12%	0.009%
31	12.681	1645	1648	1653	rVB4	3378	5252	0.16%	0.011%
32	12.916	1686	1688	1692	rVB3	3794	3793	0.11%	0.008%
33	13.369	1761	1765	1766	rBV4	4590	4481	0.13%	0.010%
34	13.499	1780	1787	1791	rBV	1466022	1876056	56.22%	4.036%

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35	13.546	1791	1795	1803	rVB	358436	509449	15.27%	1.096%
36	13.763	1825	1832	1842	rBV	1525372	2252807	67.51%	4.846%
37	14.010	1869	1874	1878	rBV6	5282	9466	0.28%	0.020%
38	14.075	1878	1885	1893	rBV2	1432461	2135986	64.01%	4.595%
39	14.304	1918	1924	1944	rBV	578607	1003955	30.09%	2.160%
40	14.522	1955	1961	1965	rBV7	9450	20877	0.63%	0.045%
41	14.704	1989	1992	1994	rBV4	4176	3806	0.11%	0.008%
42	14.969	2034	2037	2041	rVB3	9996	14549	0.44%	0.031%
43	15.075	2049	2055	2064	rBV	2031486	2795951	83.79%	6.014%
44	15.222	2074	2080	2092	rBV	591155	891931	26.73%	1.919%
45	15.316	2092	2096	2100	rVB3	18756	26461	0.79%	0.057%
46	15.381	2105	2107	2111	rVB5	3432	3963	0.12%	0.009%
47	15.528	2130	2132	2137	rVB5	3724	5552	0.17%	0.012%
48	15.840	2180	2185	2187	rBV5	5351	9021	0.27%	0.019%
49	15.869	2187	2190	2193	rVB3	6784	6569	0.20%	0.014%
50	16.087	2225	2227	2230	rVB4	3096	3704	0.11%	0.008%
51	16.275	2255	2259	2262	rBV3	12381	16101	0.48%	0.035%
52	16.475	2291	2293	2296	rBV4	2942	4057	0.12%	0.009%
53	16.516	2296	2300	2301	rVV4	2846	3920	0.12%	0.008%
54	16.622	2313	2318	2322	rVV3	11031	16364	0.49%	0.035%
55	16.716	2331	2334	2336	rVB4	3707	4419	0.13%	0.010%
56	16.828	2347	2353	2362	rVB	1884818	2488630	74.58%	5.353%
57	16.928	2364	2370	2383	rVV	2117627	2937071	88.02%	6.318%
58	17.040	2385	2389	2394	rVB5	11683	17468	0.52%	0.038%
59	17.140	2401	2406	2408	rBV6	3592	6089	0.18%	0.013%
60	17.245	2420	2424	2430	rVB5	14474	18168	0.54%	0.039%
61	17.357	2441	2443	2445	rBV3	4553	4768	0.14%	0.010%
62	17.516	2467	2470	2472	rBV3	6051	4797	0.14%	0.010%
63	17.628	2485	2489	2492	rBV5	14734	20633	0.62%	0.044%
64	17.757	2506	2511	2527	rBV	349711	579264	17.36%	1.246%
65	18.128	2572	2574	2576	rVB3	4778	3509	0.11%	0.008%
66	18.192	2582	2585	2590	rVB5	20323	20055	0.60%	0.043%
67	18.369	2613	2615	2618	rVB4	3966	3418	0.10%	0.007%
68	18.439	2622	2627	2629	rBV6	7187	10899	0.33%	0.023%
69	18.563	2647	2648	2653	rBV4	4707	5430	0.16%	0.012%
70	18.634	2656	2660	2663	rVB4	10790	14756	0.44%	0.032%
71	18.798	2685	2688	2689	rVB3	5993	5098	0.15%	0.011%

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72	18.869	2695	2700	2703	rBV3	24764	35094	1.05%	0.075%
73	19.051	2727	2731	2739	rBV3	84585	133571	4.00%	0.287%
74	19.116	2739	2742	2747	rVB	21312	30495	0.91%	0.066%
75	19.234	2755	2762	2768	rBV	2695707	3336979	100.00%	7.178%
76	19.286	2768	2771	2774	rVV5	12820	17649	0.53%	0.038%
77	19.322	2775	2777	2781	rVB5	10923	12956	0.39%	0.028%
78	19.786	2853	2856	2860	rBV6	23448	35905	1.08%	0.077%
79	19.828	2860	2863	2869	rVB5	17631	24197	0.73%	0.052%
80	20.781	3021	3025	3032	rBV	682872	930386	27.88%	2.001%
81	21.039	3064	3069	3077	rBV2	2092401	2734640	81.95%	5.883%
82	21.228	3098	3101	3107	rBV2	109788	128731	3.86%	0.277%
83	21.651	3169	3173	3180	rBV3	163952	245255	7.35%	0.528%
84	22.080	3243	3246	3251	rVB	201229	247498	7.42%	0.532%
85	22.198	3262	3266	3273	rVB	422092	501051	15.02%	1.078%
86	22.557	3323	3327	3332	rBV2	272359	355830	10.66%	0.765%
87	23.022	3399	3406	3412	rBV	1973262	3219619	96.48%	6.926%
88	23.080	3412	3416	3421	rVV	307841	455076	13.64%	0.979%
89	23.151	3422	3428	3438	rVB	1599809	2808820	84.17%	6.042%
90	23.669	3512	3516	3523	rVB	253903	431770	12.94%	0.929%
91	23.745	3525	3529	3536	rVB4	171355	307344	9.21%	0.661%

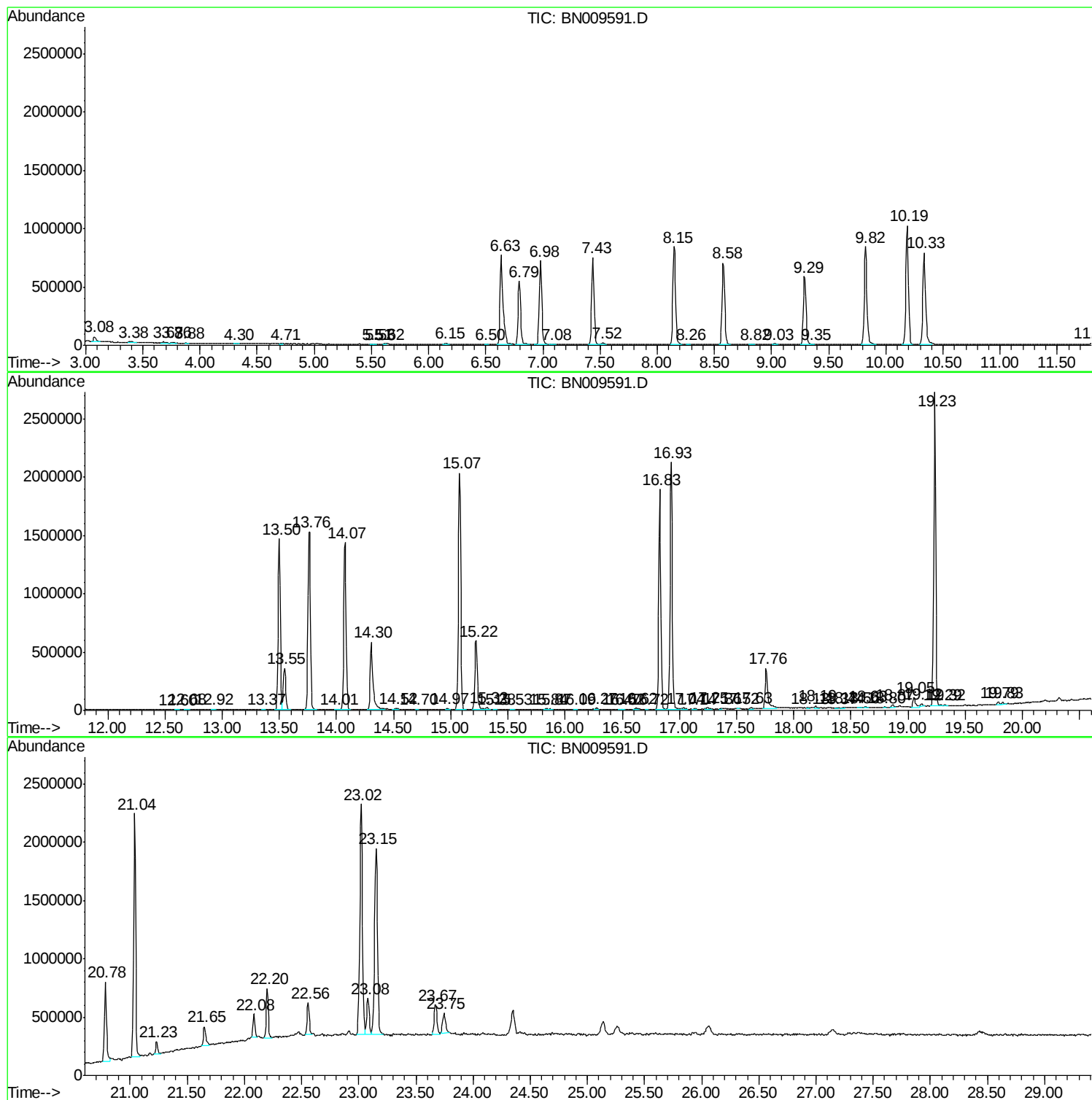
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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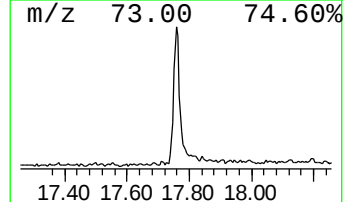
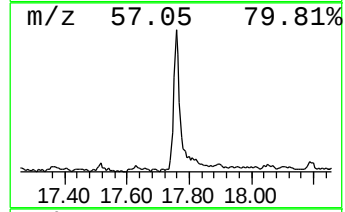
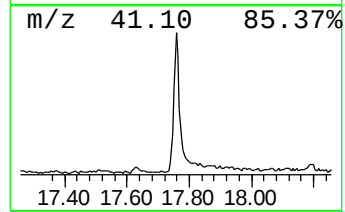
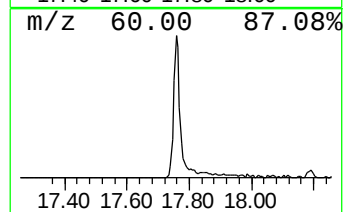
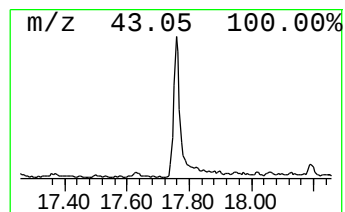
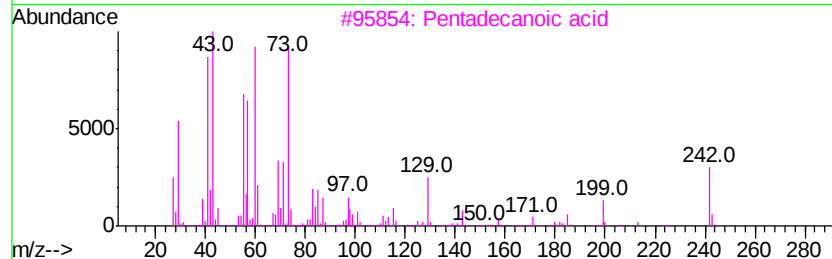
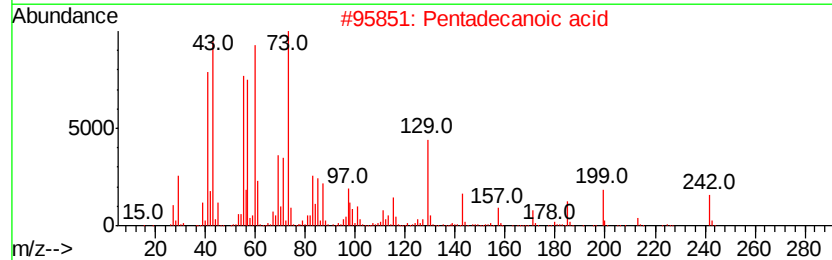
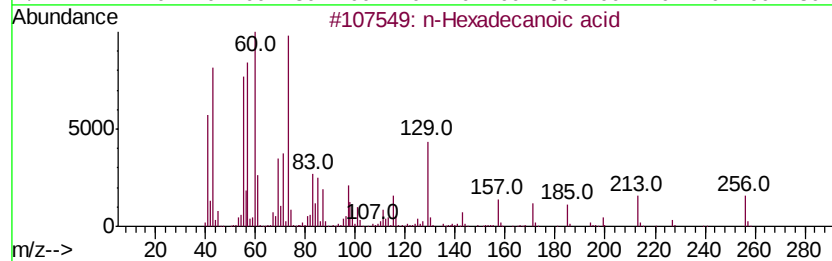
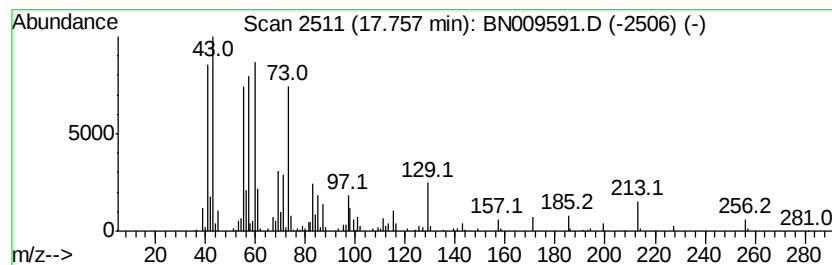
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.66 ng/ul	579264	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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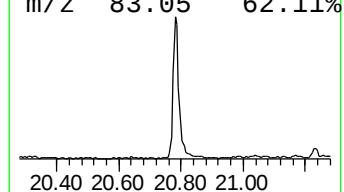
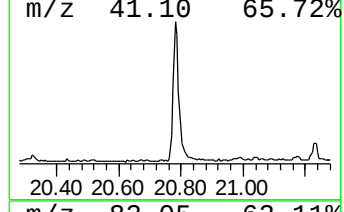
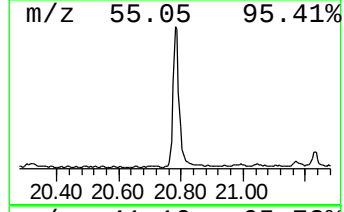
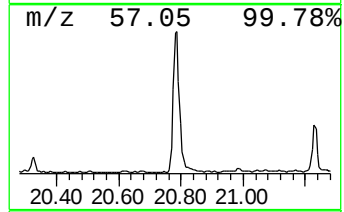
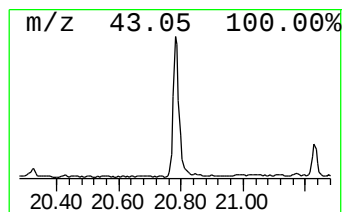
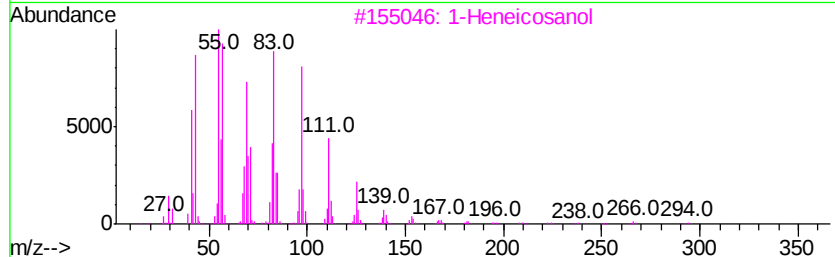
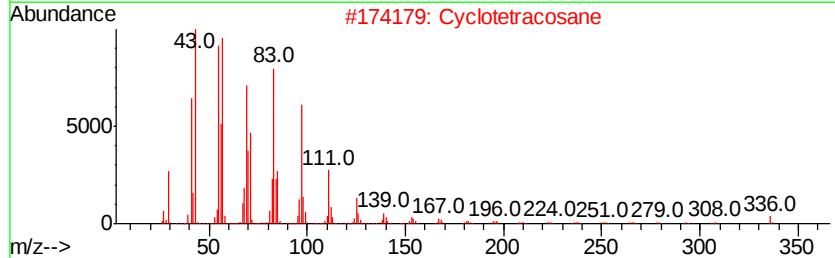
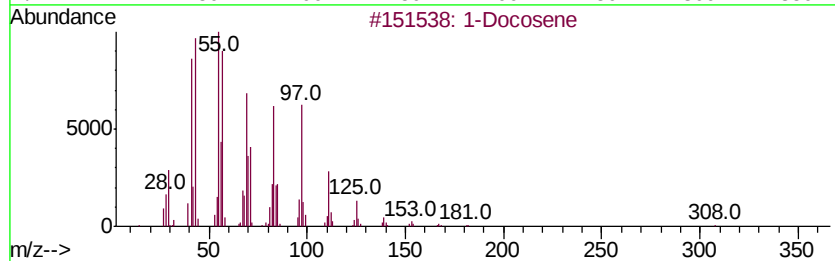
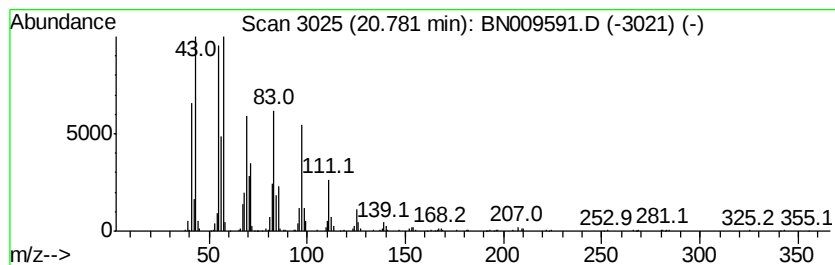
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	6.80 ng/ul	930386	Chrysene-d12	21.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	95
2			Cyclotetracosane	336	C24H48	000297-03-0	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	91
4			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5			1-Tricosene	322	C23H46	018835-32-0	91



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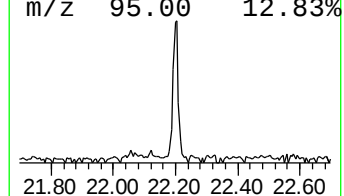
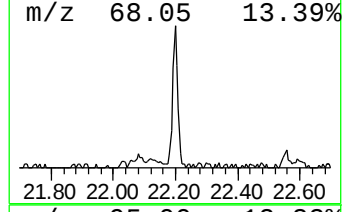
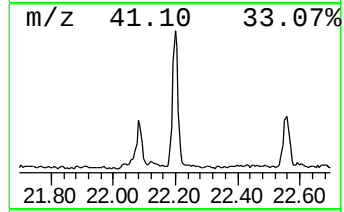
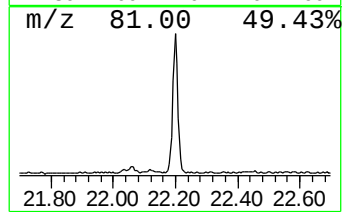
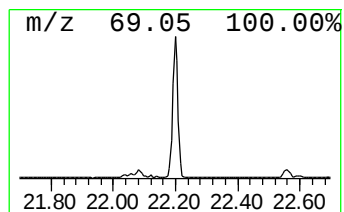
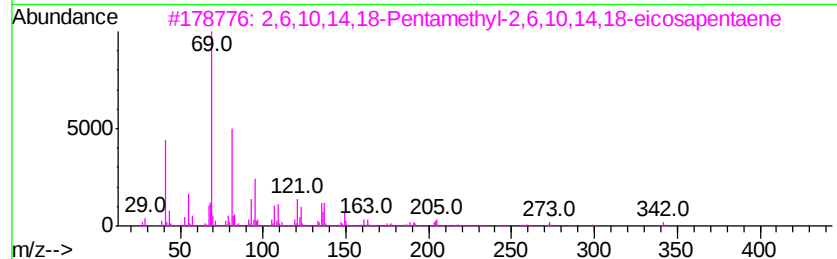
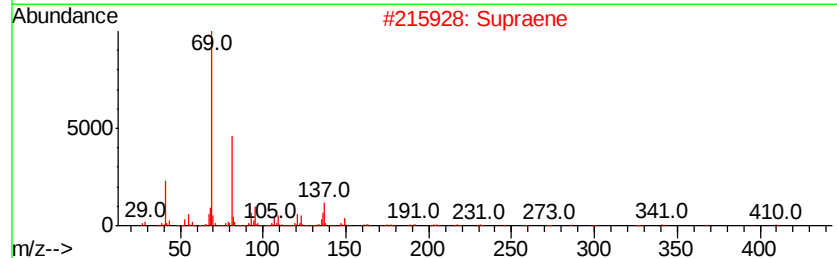
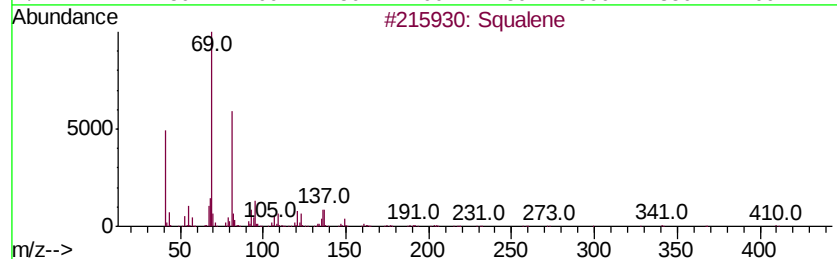
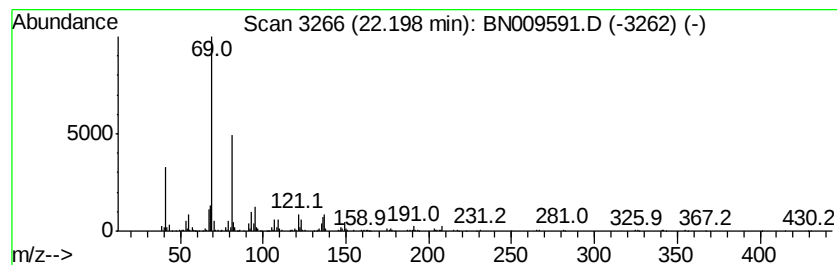
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.57 ng/ul	501051	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	87
3		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
4		Squalene	410	C30H50	000111-02-4	72
5		Farnesol isomer a	222	C15H26O	1000108-92-4	64



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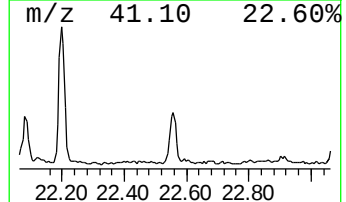
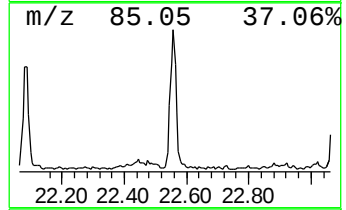
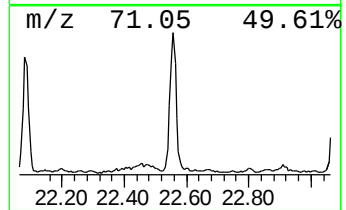
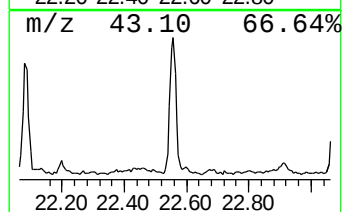
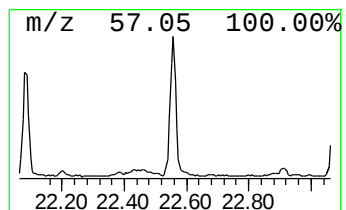
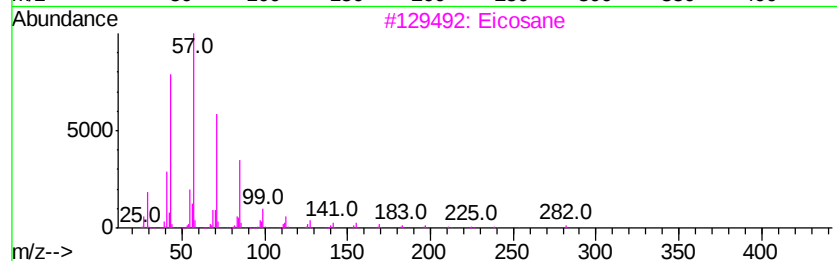
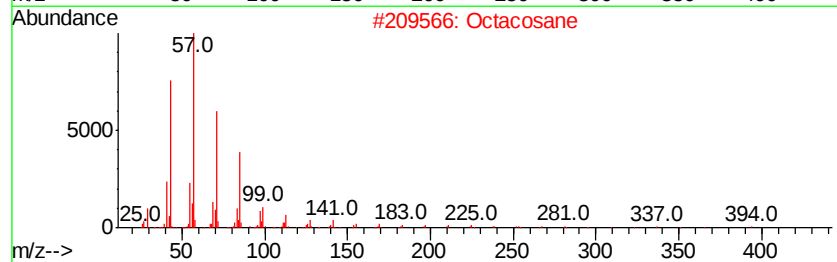
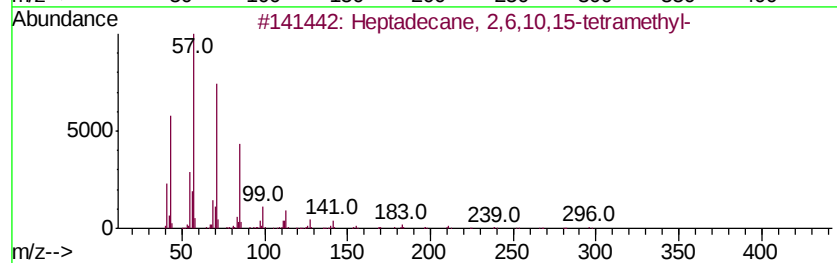
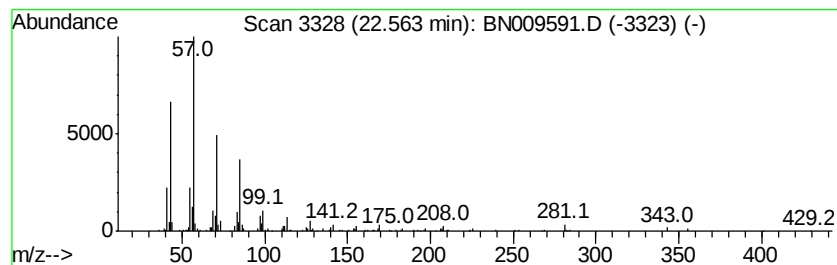
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.53 ng/ul	355830	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2		Octacosane	394	C28H58	000630-02-4	87
3		Eicosane	282	C20H42	000112-95-8	81
4		Tetratetracontane	619	C44H90	007098-22-8	74
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Acq On : 05 Feb 2020 07:51
Operator : CG/JU
Sample : L1323-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT51

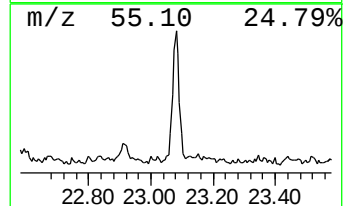
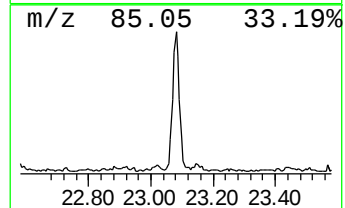
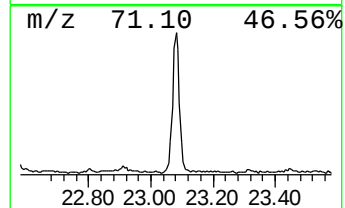
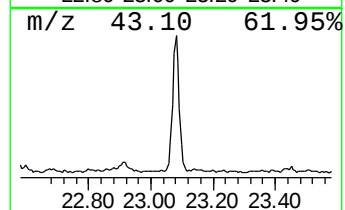
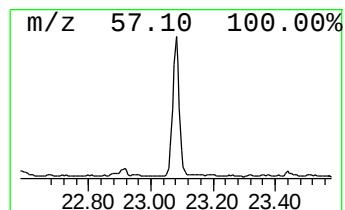
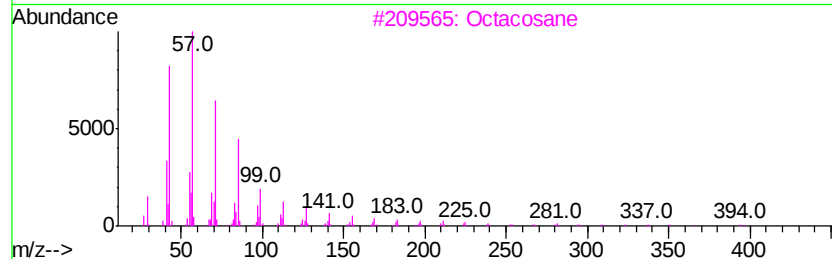
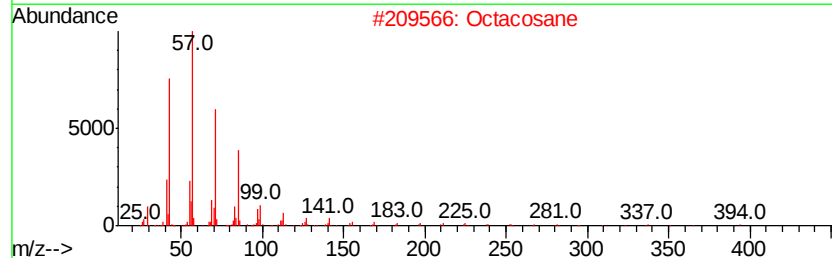
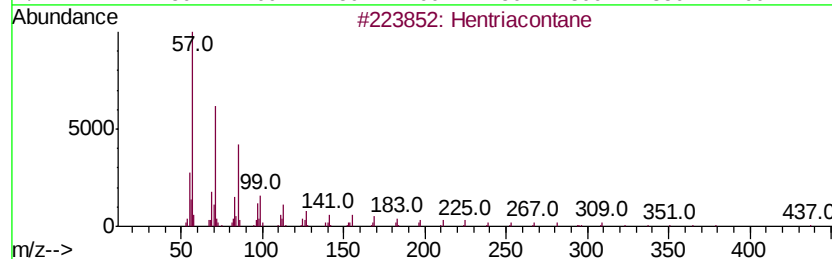
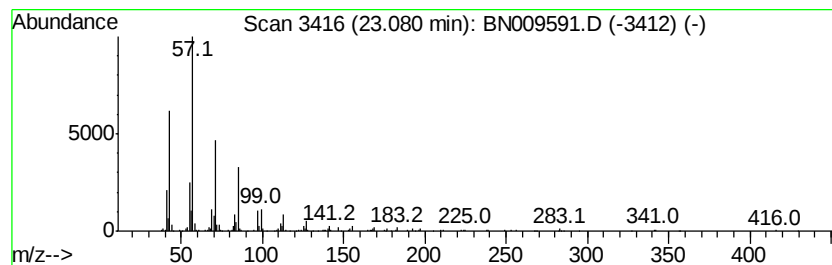
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	3.24 ng/ul	455076	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Eicosane	282	C20H42	000112-95-8	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009591.D
Acq On : 05 Feb 2020 07:51
Operator : CG/JU
Sample : L1323-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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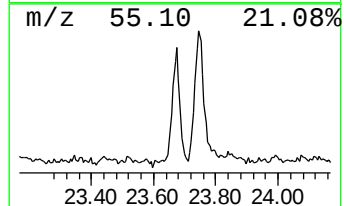
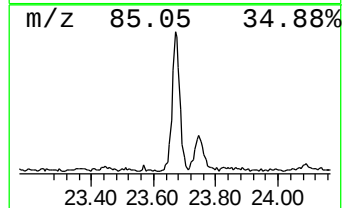
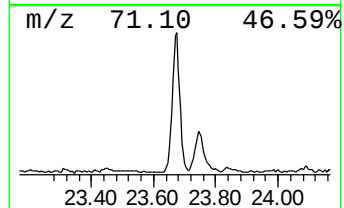
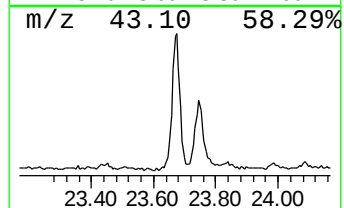
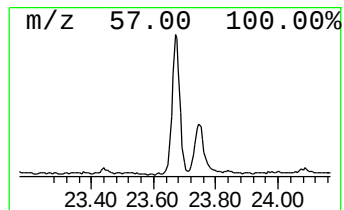
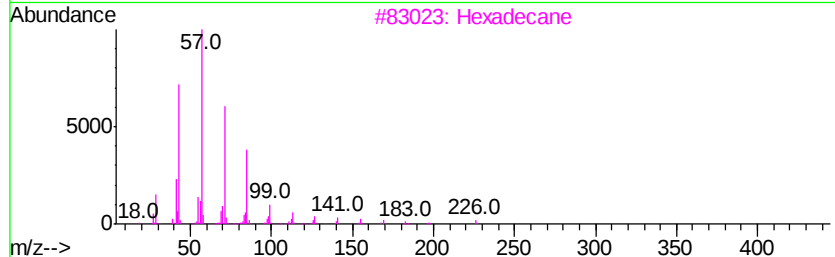
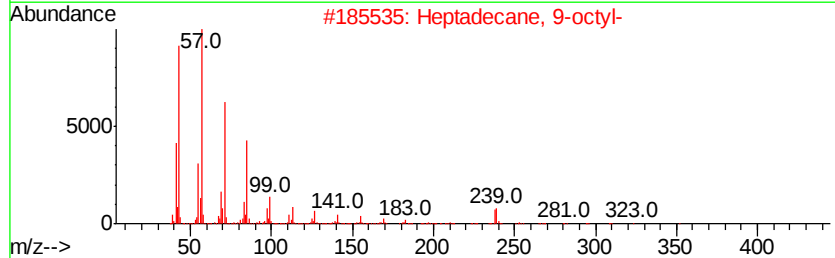
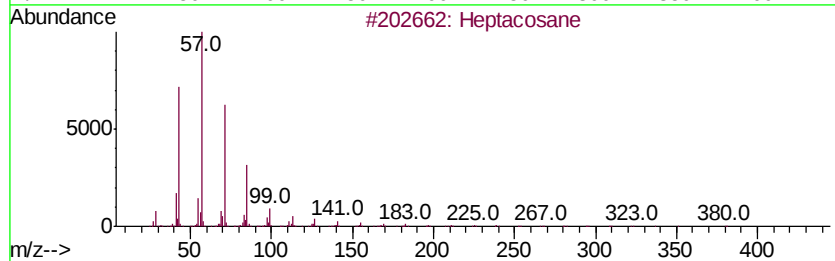
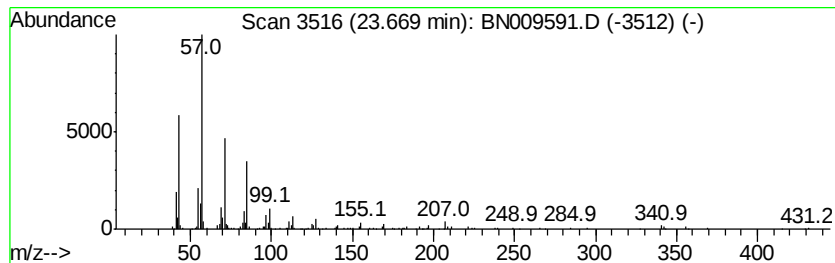
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.07 ng/ul	431770	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	76
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009591.D
Acq On : 05 Feb 2020 07:51
Operator : CG/JU
Sample : L1323-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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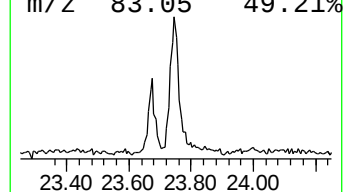
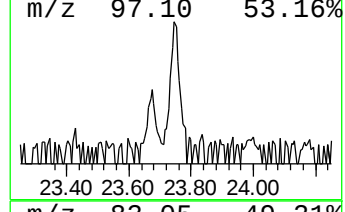
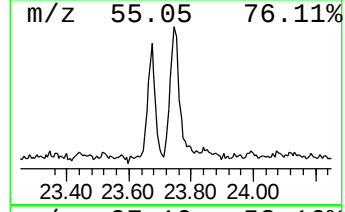
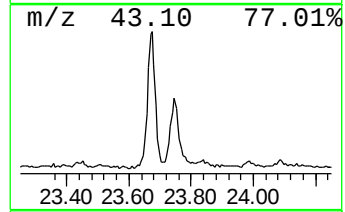
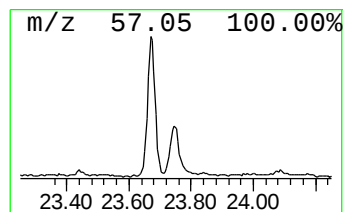
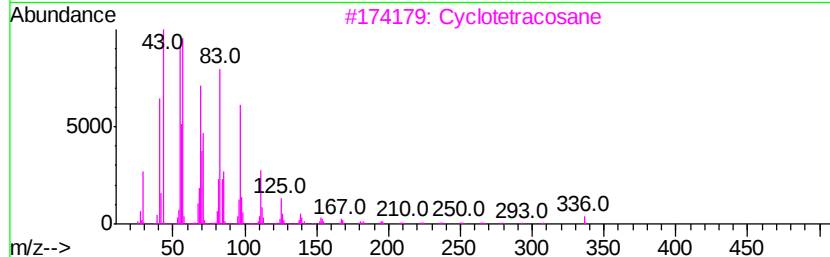
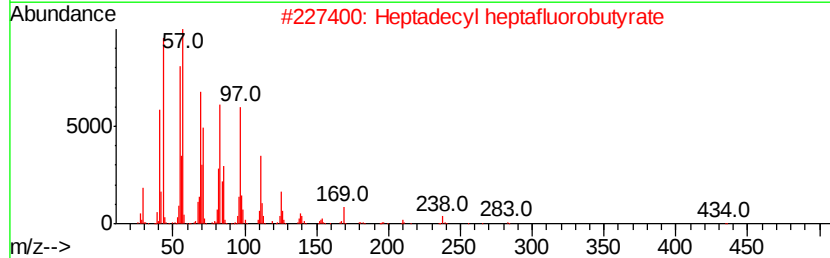
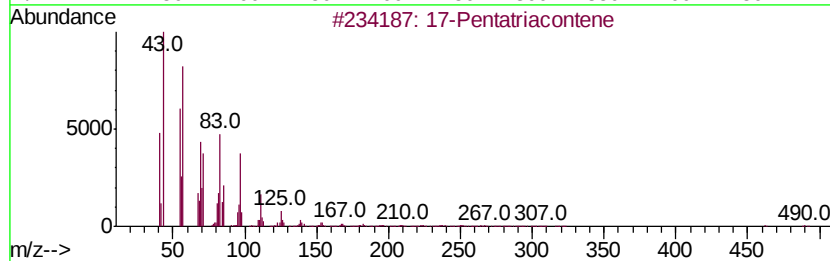
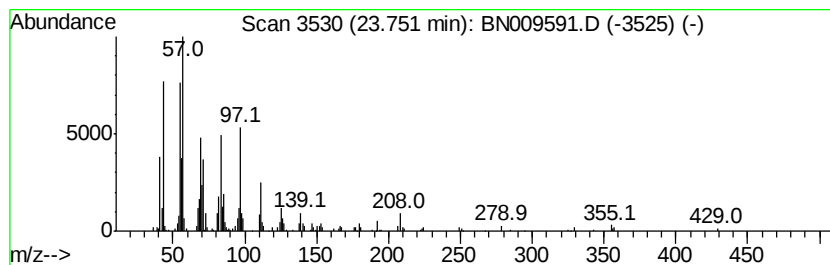
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.19 ng/ul	307344	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		Octacosanol	410	C28H58O	000557-61-9	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009591.D
Acq On : 05 Feb 2020 07:51
Operator : CG/JU
Sample : L1323-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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	17.76	4.7	ng/ul	579264	4	16.83	2488630	20.0
(DEL) Alkane: Str...	20.78	6.8	ng/ul	930386	5	21.04	2734640	20.0
Squalene	22.20	3.6	ng/ul	501051	6	23.15	2808820	20.0
(DEL) Alkane: Str...	22.56	2.5	ng/ul	355830	6	23.15	2808820	20.0
(DEL) Alkane: Str...	23.08	3.2	ng/ul	455076	6	23.15	2808820	20.0
(DEL) Alkane: Str...	23.67	3.1	ng/ul	431770	6	23.15	2808820	20.0
(DEL) Alkane: Str...	23.75	2.2	ng/ul	307344	6	23.15	2808820	20.0