

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009764.D
 Acq On : 19 Feb 2020 04:25
 Operator : CG/JU
 Sample : L1541-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD84

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-BN021220MA.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	3.052	8	11	18	rBV	38480	51747	1.15%	0.120%
2	3.664	111	115	121	rVB5	5338	8587	0.19%	0.020%
3	3.740	124	128	131	rVB6	6371	7746	0.17%	0.018%
4	6.616	610	617	627	rBV	164166	290515	6.44%	0.676%
5	6.769	637	643	659	rBV	561744	903462	20.03%	2.102%
6	6.958	668	675	686	rBV	609281	1025657	22.74%	2.386%
7	7.416	746	753	766	rBV	441536	746516	16.55%	1.737%
8	8.128	868	874	886	rBV	462193	773220	17.14%	1.799%
9	8.557	940	947	962	rBV	806747	1338149	29.67%	3.113%
10	8.999	1017	1022	1028	rVB4	8141	11447	0.25%	0.027%
11	9.269	1061	1068	1078	rBV	659420	1109239	24.59%	2.580%
12	9.799	1152	1158	1180	rBV	712659	1465103	32.48%	3.408%
13	10.163	1212	1220	1231	rBV	627457	1049431	23.27%	2.441%
14	10.346	1242	1251	1260	rBV4	21481	56310	1.25%	0.131%
15	11.798	1492	1498	1505	rBV4	8087	17249	0.38%	0.040%
16	12.969	1694	1697	1704	rVB3	4754	6487	0.14%	0.015%
17	13.481	1778	1784	1789	rBV	1767963	2498871	55.41%	5.813%
18	13.528	1789	1792	1800	rVB	80875	114171	2.53%	0.266%
19	13.740	1820	1828	1841	rBV	1982573	2835765	62.88%	6.597%
20	14.051	1875	1881	1891	rVV2	974425	1375443	30.50%	3.200%
21	14.157	1894	1899	1903	rVB3	4438	7345	0.16%	0.017%
22	14.304	1918	1924	1944	rBV2	90786	229972	5.10%	0.535%
23	14.898	2020	2025	2027	rBV4	3479	5906	0.13%	0.014%
24	14.945	2030	2033	2039	rVB4	5655	7651	0.17%	0.018%
25	15.057	2045	2052	2061	rBV	2611450	3568826	79.13%	8.302%
26	15.210	2072	2078	2090	rBV	897267	1401032	31.06%	3.259%
27	15.304	2090	2094	2100	rVB2	31823	49754	1.10%	0.116%
28	15.639	2146	2151	2156	rBV5	5045	9402	0.21%	0.022%
29	15.816	2177	2181	2183	rBV3	5840	7028	0.16%	0.016%
30	15.845	2183	2186	2190	rVB3	9475	10790	0.24%	0.025%
31	16.063	2220	2223	2228	rVB3	6066	7980	0.18%	0.019%
32	16.263	2253	2257	2263	rBV4	4385	7585	0.17%	0.018%
33	16.604	2310	2315	2320	rBV4	9465	13583	0.30%	0.032%
34	16.810	2344	2350	2358	rVB	1142832	1613690	35.78%	3.754%

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35	16.910	2361	2367	2382	rVV2	2619557	3899758	86.47%	9.072%
36	17.345	2438	2441	2445	rVB3	6034	6385	0.14%	0.015%
37	17.516	2463	2470	2475	rBV6	5518	9309	0.21%	0.022%
38	17.739	2503	2508	2516	rBV2	130764	206090	4.57%	0.479%
39	17.857	2526	2528	2533	rVB6	4990	5896	0.13%	0.014%
40	17.892	2533	2534	2538	rVB3	5992	6083	0.13%	0.014%
41	18.016	2551	2555	2561	rBV5	16801	31149	0.69%	0.072%
42	18.680	2665	2668	2671	rVB4	12233	13619	0.30%	0.032%
43	18.857	2693	2698	2702	rBV2	24790	37172	0.82%	0.086%
44	18.910	2704	2707	2709	rBV3	7511	6639	0.15%	0.015%
45	19.033	2723	2728	2736	rBV4	47390	90457	2.01%	0.210%
46	19.098	2736	2739	2748	rVB	27232	40957	0.91%	0.095%
47	19.216	2751	2759	2766	rBV	3361692	4510129	100.00%	10.491%
48	19.775	2850	2854	2856	rBV4	11602	15455	0.34%	0.036%
49	19.810	2858	2860	2862	rVB2	9361	7820	0.17%	0.018%
50	20.304	2942	2944	2948	rVB2	21283	25918	0.57%	0.060%
51	20.763	3018	3022	3031	rBV	314733	465752	10.33%	1.083%
52	21.021	3061	3066	3074	rBV2	1284963	1764571	39.12%	4.105%
53	21.210	3095	3098	3102	rVB	152076	147158	3.26%	0.342%
54	21.627	3165	3169	3176	rBV	272852	323613	7.18%	0.753%
55	22.063	3239	3243	3247	rBV	383420	429771	9.53%	1.000%
56	22.180	3260	3263	3268	rVB2	72681	90280	2.00%	0.210%
57	22.533	3318	3323	3328	rBV	426116	568424	12.60%	1.322%
58	23.004	3396	3403	3408	rBV	2558382	4362522	96.73%	10.148%
59	23.051	3408	3411	3417	rVV	430350	625964	13.88%	1.456%
60	23.133	3419	3425	3435	rVB	967888	1791226	39.72%	4.167%
61	23.639	3506	3511	3518	rVB	301877	529275	11.74%	1.231%
62	24.310	3621	3625	3633	rVB3	177582	351780	7.80%	0.818%

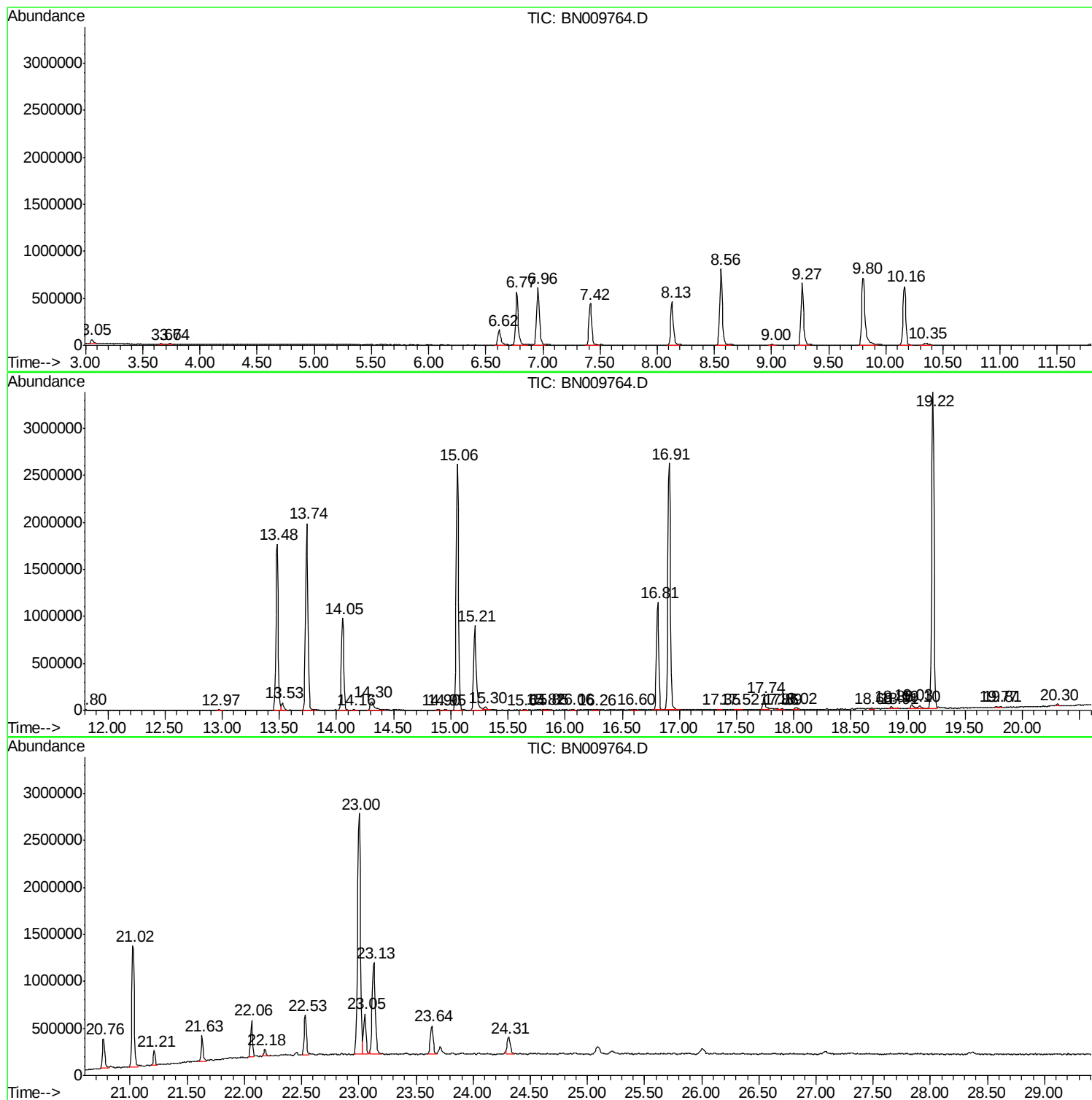
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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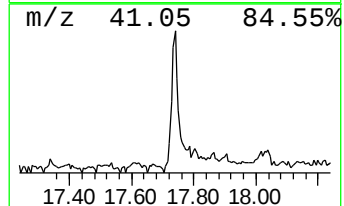
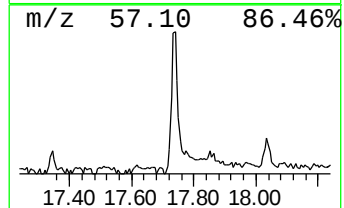
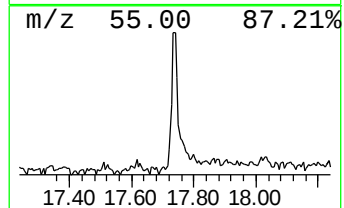
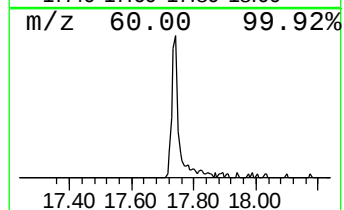
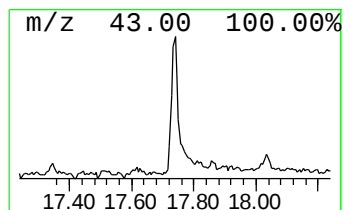
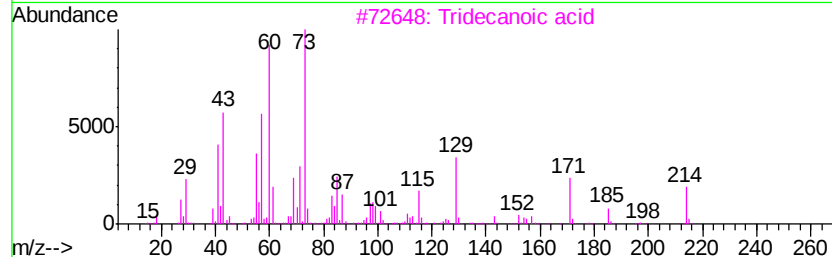
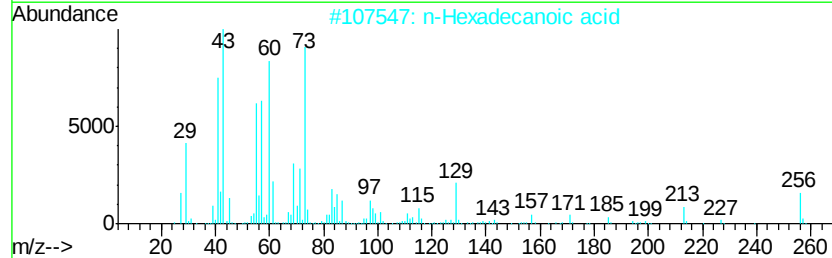
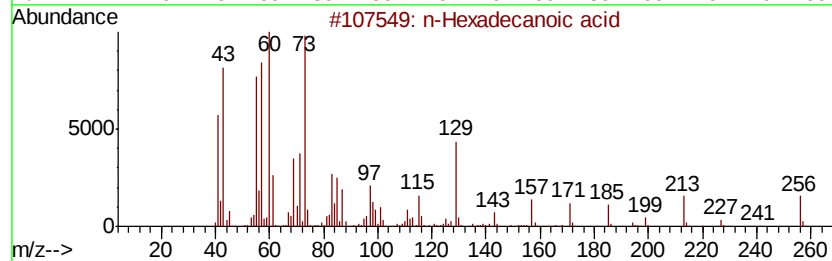
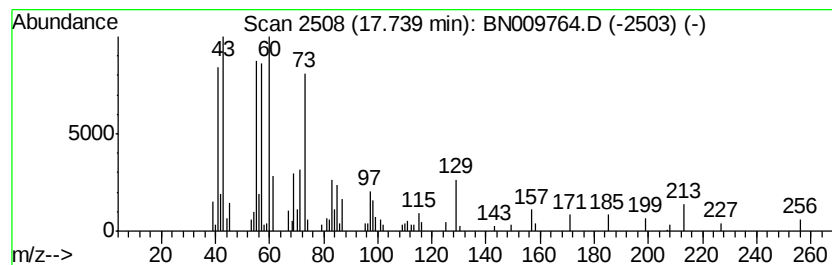
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.55 ng/ul	206090	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
5	Undecanoic acid	186	C11H22O2	000112-37-8	59	



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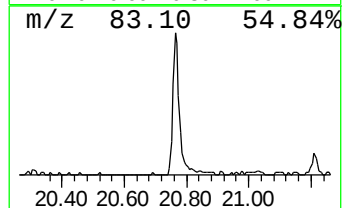
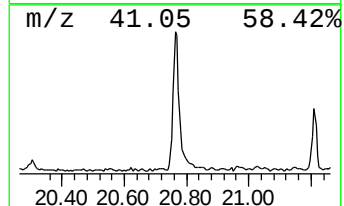
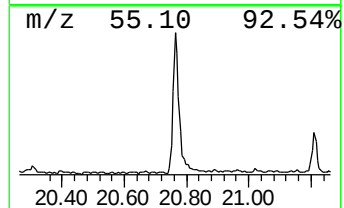
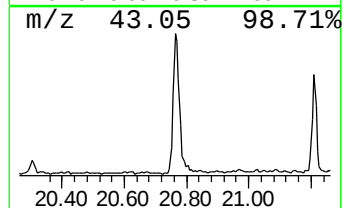
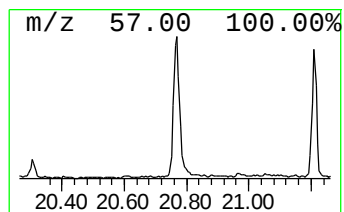
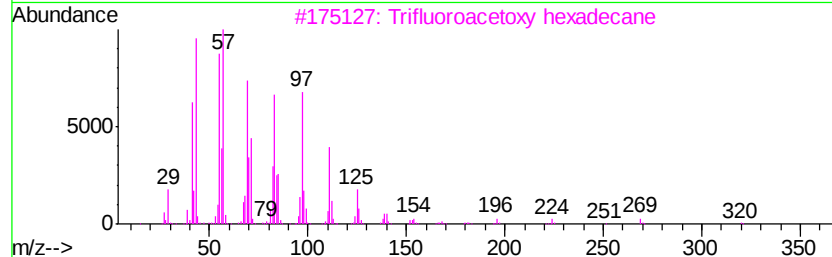
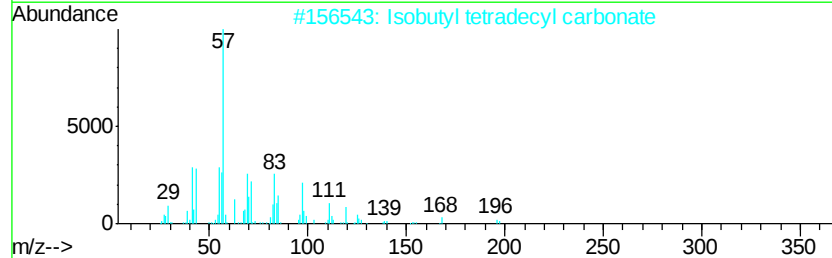
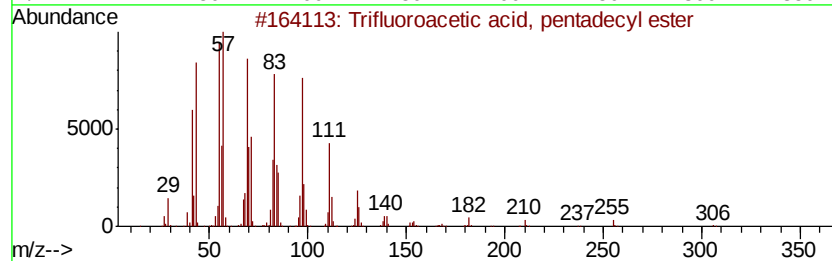
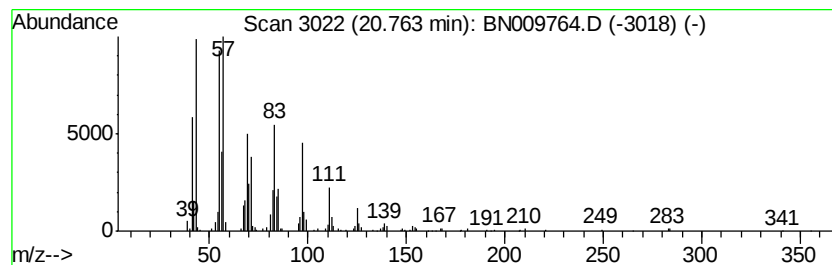
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	5.28 ng/ul	465752	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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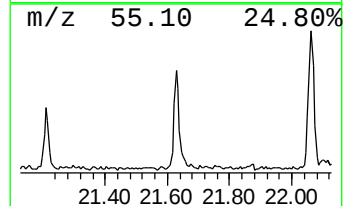
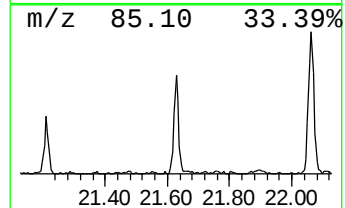
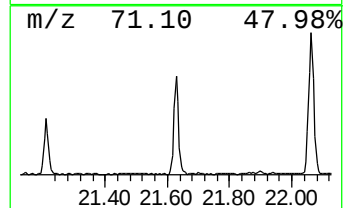
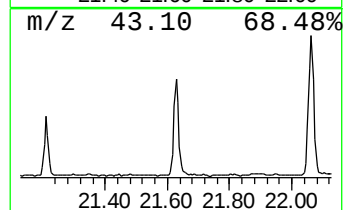
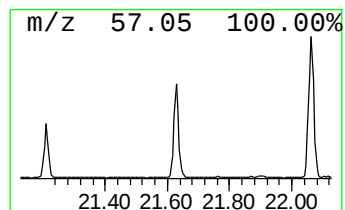
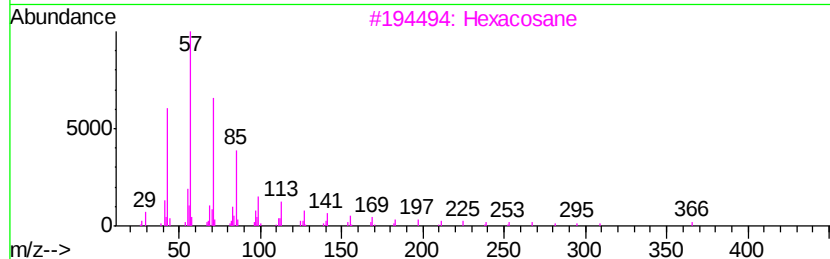
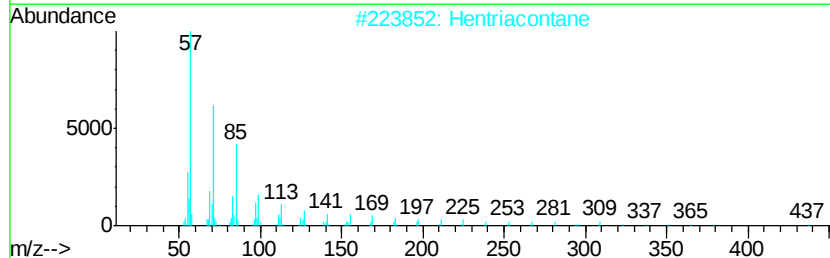
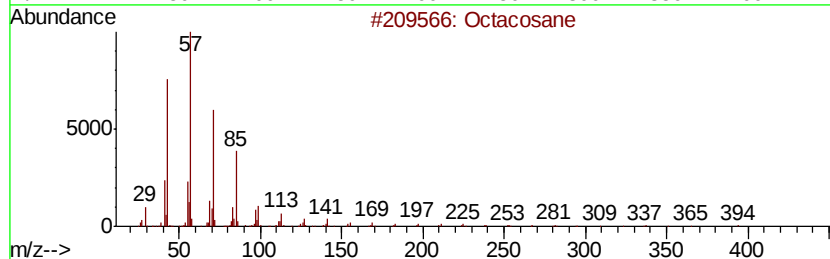
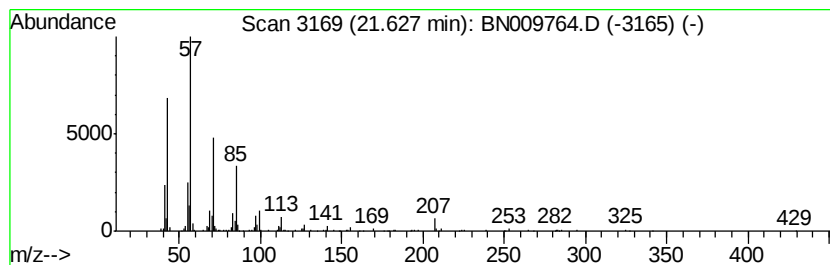
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	3.67 ng/ul	323613	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hentriacontane	437	C31H64	000630-04-6	86
3		Hexacosane	366	C26H54	000630-01-3	86
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Heptacosane	380	C27H56	000593-49-7	83



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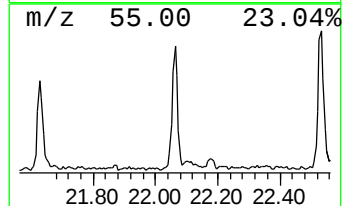
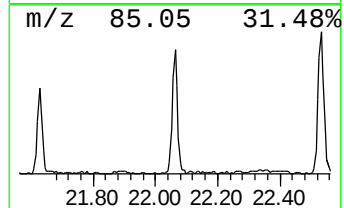
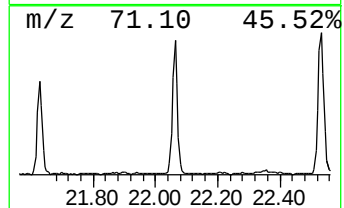
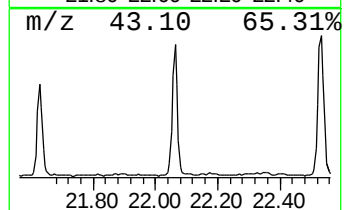
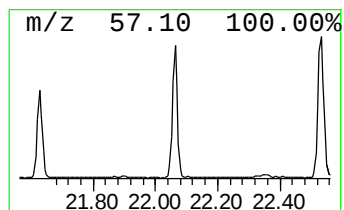
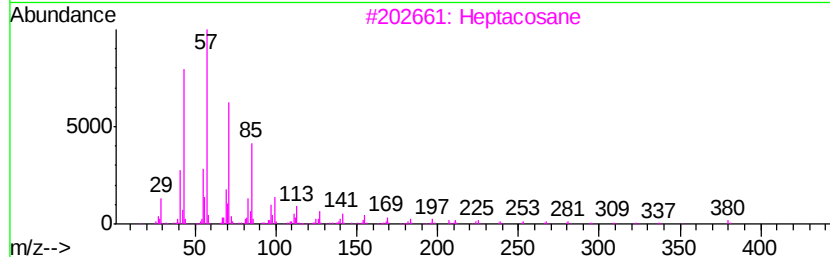
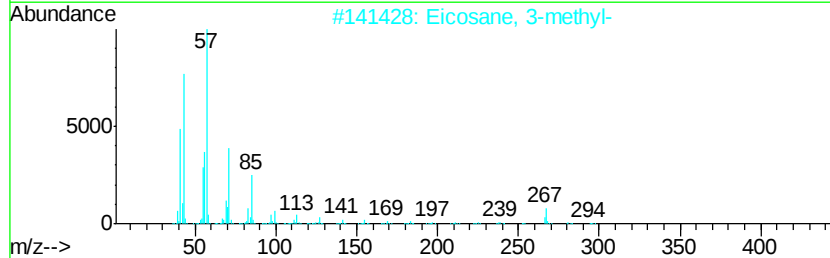
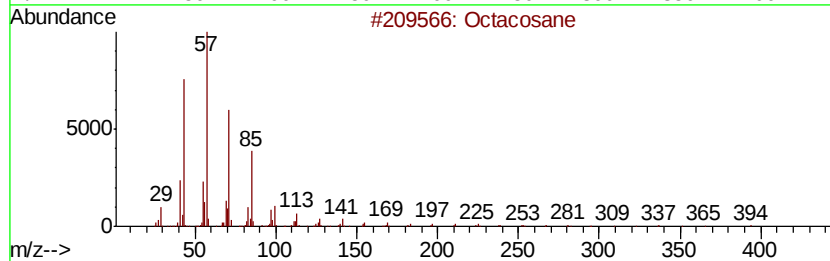
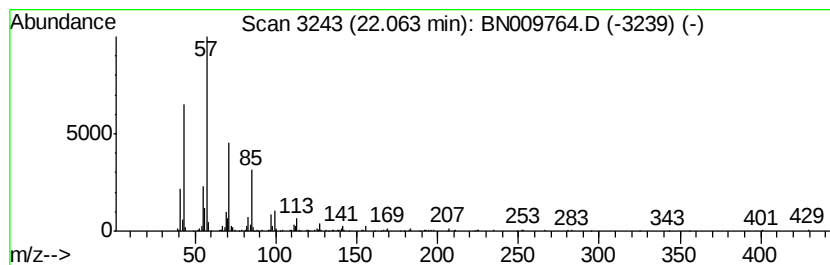
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	4.87 ng/ul	429771	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Eicosane, 3-methyl-	296	C21H44	006418-46-8	86
3			Heptacosane	380	C27H56	000593-49-7	83
4			Tetratetracontane	619	C44H90	007098-22-8	83
5			Eicosane	282	C20H42	000112-95-8	83



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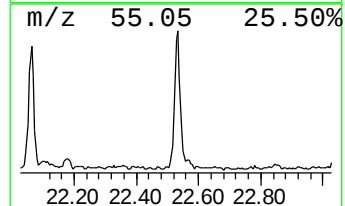
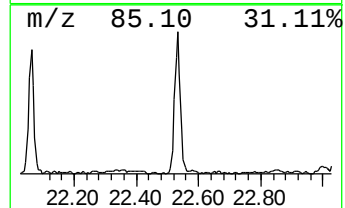
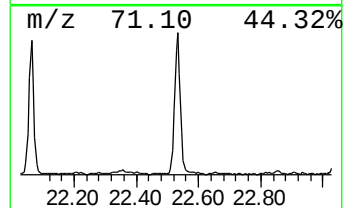
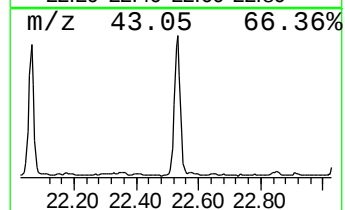
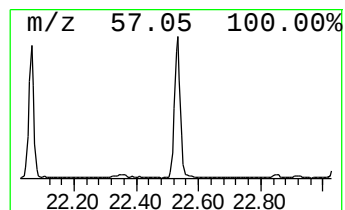
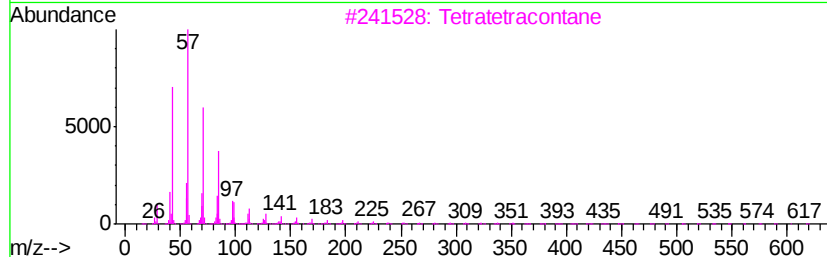
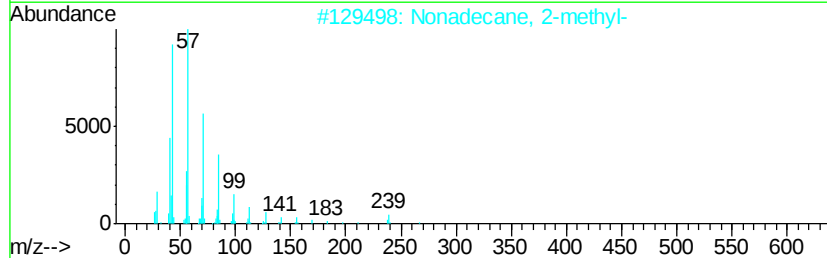
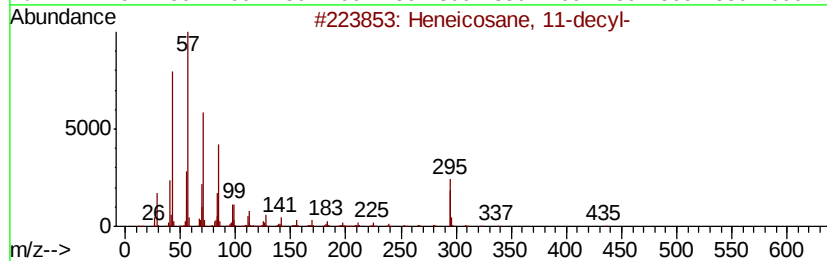
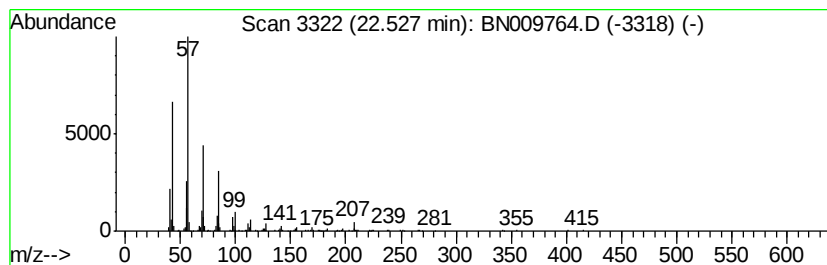
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	6.35 ng/ul	568424	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009764.D
Acq On : 19 Feb 2020 04:25
Operator : CG/JU
Sample : L1541-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD84

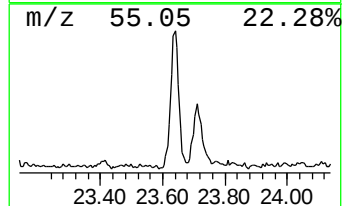
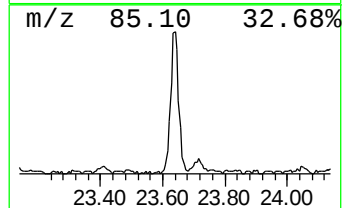
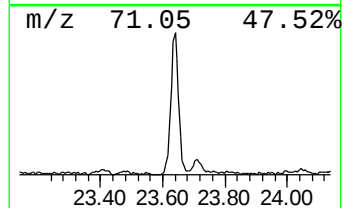
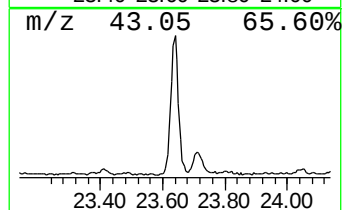
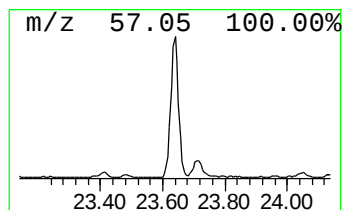
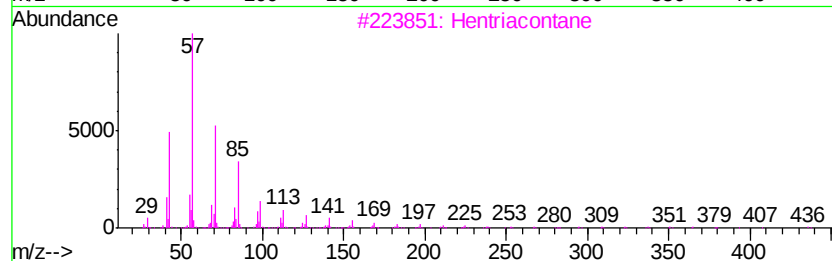
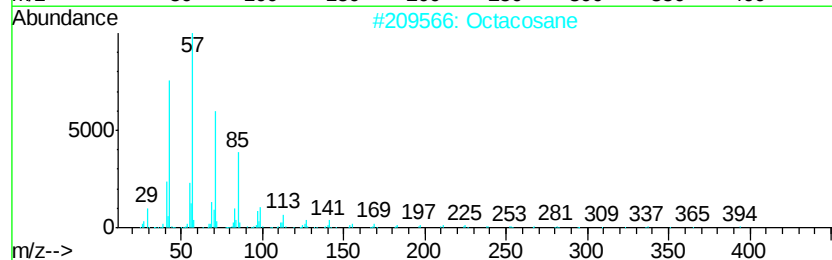
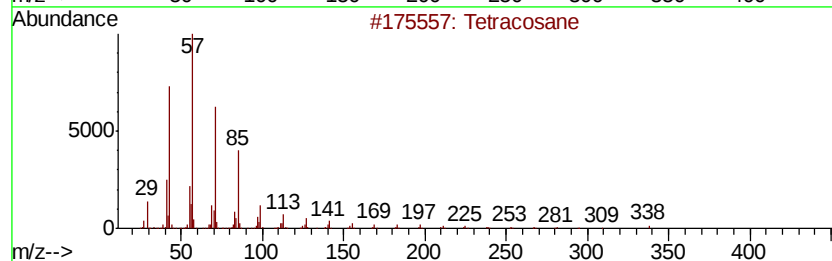
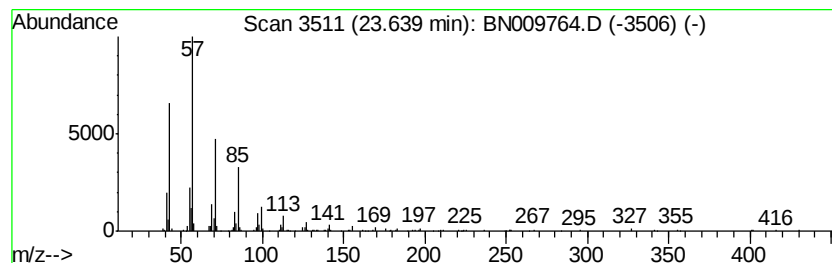
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	5.91 ng/ul	529275	Perylene-d12	23.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Octacosane	394	C28H58	000630-02-4	87
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Heptacosane	380	C27H56	000593-49-7	81
5			Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009764.D
Acq On : 19 Feb 2020 04:25
Operator : CG/JU
Sample : L1541-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD84

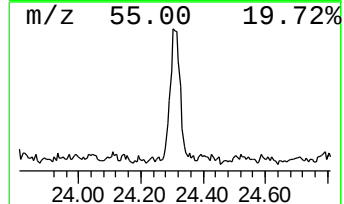
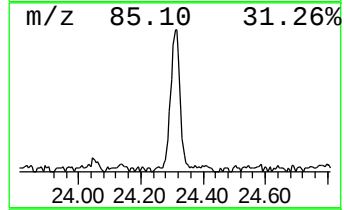
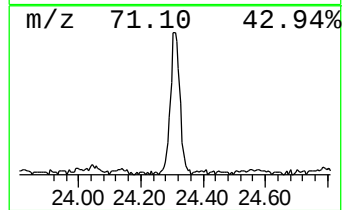
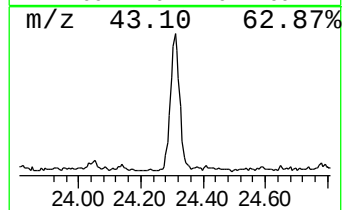
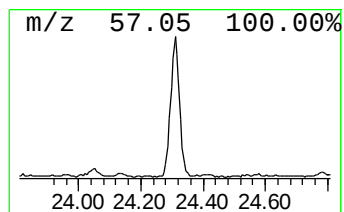
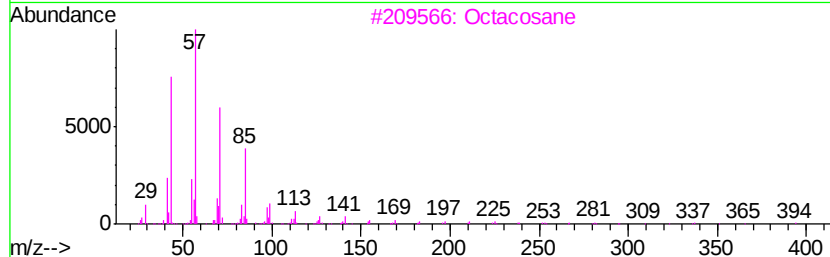
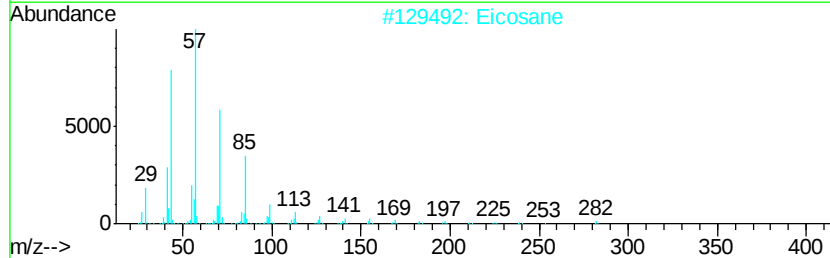
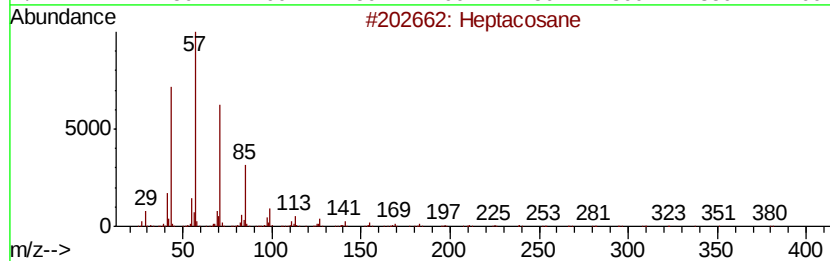
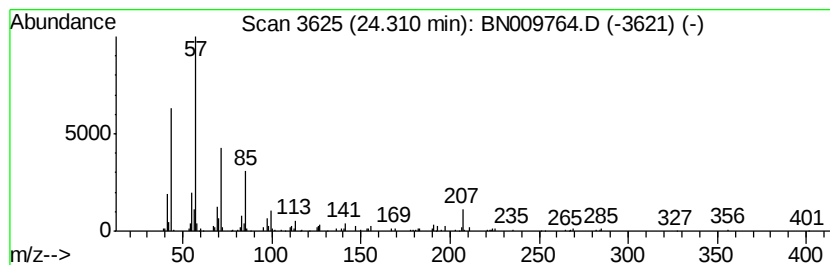
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	3.93 ng/ul	351780	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Eicosane	282	C20H42	000112-95-8	83
3		Octacosane	394	C28H58	000630-02-4	81
4		Heptacosane	380	C27H56	000593-49-7	81
5		Eicosane, 3-methyl-	296	C21H44	006418-46-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021820\
Data File : BN009764.D
Acq On : 19 Feb 2020 04:25
Operator : CG/JU
Sample : L1541-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD84

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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	17.74	2.5	ng/ul	206090	4	16.81	1613690	20.0
Trifluoroacetic a...	20.76	5.3	ng/ul	465752	5	21.02	1764570	20.0
(DEL) Alkane: Str...	21.63	3.7	ng/ul	323613	5	21.02	1764570	20.0
(DEL) Alkane: Str...	22.06	4.9	ng/ul	429771	5	21.02	1764570	20.0
(DEL) Alkane: Str...	22.53	6.3	ng/ul	568424	6	23.13	1791230	20.0
(DEL) Alkane: Str...	23.64	5.9	ng/ul	529275	6	23.13	1791230	20.0
(DEL) Alkane: Str...	24.31	3.9	ng/ul	351780	6	23.13	1791230	20.0