

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009758.D
 Acq On : 19 Feb 2020 00:14
 Operator : CG/JU
 Sample : L1541-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD62

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	19	rBV	39936	53013	1.50%	0.144%
2	3.640	107	111	113	rBV4	3017	4257	0.12%	0.012%
3	3.740	124	128	134	rVB3	9002	10386	0.29%	0.028%
4	5.634	446	450	454	rVB3	2047	3678	0.10%	0.010%
5	6.616	612	617	631	rBV2	135854	247975	7.00%	0.674%
6	6.769	637	643	655	rBV	482254	768904	21.70%	2.089%
7	6.958	669	675	685	rBV	542874	870158	24.56%	2.364%
8	7.028	685	687	690	rVB2	4110	4156	0.12%	0.011%
9	7.416	747	753	763	rBV	509462	822424	23.21%	2.234%
10	8.128	868	874	887	rBV2	386809	635530	17.94%	1.726%
11	8.558	938	947	961	rBV	679899	1137029	32.09%	3.088%
12	8.999	1018	1022	1027	rVB2	4356	6053	0.17%	0.016%
13	9.269	1062	1068	1083	rBV	553116	933753	26.36%	2.536%
14	9.716	1140	1144	1147	rBV2	2093	3814	0.11%	0.010%
15	9.805	1152	1159	1180	rBV	576220	1209147	34.13%	3.284%
16	10.163	1211	1220	1230	rBV	688682	1139043	32.15%	3.094%
17	10.357	1246	1253	1265	rBV6	19534	52156	1.47%	0.142%
18	11.799	1492	1498	1503	rBV3	5233	11100	0.31%	0.030%
19	12.969	1693	1697	1702	rBV4	2785	4804	0.14%	0.013%
20	13.481	1778	1784	1790	rBV	1413492	2013722	56.84%	5.470%
21	13.528	1790	1792	1801	rVB2	57214	77681	2.19%	0.211%
22	13.740	1821	1828	1842	rBV	1598823	2283852	64.46%	6.203%
23	14.051	1875	1881	1889	rBV2	1004943	1456594	41.11%	3.956%
24	14.310	1919	1925	1939	rBV2	55901	145226	4.10%	0.394%
25	14.528	1958	1962	1965	rVB3	3741	5770	0.16%	0.016%
26	14.892	2020	2024	2027	rVB3	2945	3751	0.11%	0.010%
27	14.951	2030	2034	2038	rVV	5133	6480	0.18%	0.018%
28	15.057	2046	2052	2060	rBV	2003263	2839380	80.14%	7.712%
29	15.210	2073	2078	2090	rBV	638010	1039997	29.35%	2.825%
30	15.298	2090	2093	2108	rVB5	24838	54156	1.53%	0.147%
31	15.810	2177	2180	2184	rBV3	3177	6066	0.17%	0.016%
32	15.845	2184	2186	2192	rVB3	7373	9286	0.26%	0.025%
33	16.057	2220	2222	2226	rVB3	3729	4852	0.14%	0.013%
34	16.287	2256	2261	2263	rBV3	2362	3559	0.10%	0.010%

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 Title : SVOA CALIBRATION

35	16.604	2311	2315	2320	rVB5	6130	8425	0.24%	0.023%
36	16.810	2344	2350	2358	rVB	1285616	1722301	48.61%	4.678%
37	16.910	2360	2367	2382	rVV	2179810	3103974	87.61%	8.431%
38	17.739	2502	2508	2516	rBV	117921	181509	5.12%	0.493%
39	18.016	2552	2555	2561	rVB5	4155	6321	0.18%	0.017%
40	18.392	2614	2619	2620	rBV3	3602	5444	0.15%	0.015%
41	18.551	2643	2646	2648	rVB4	3840	4307	0.12%	0.012%
42	18.857	2693	2698	2701	rBV	20023	29557	0.83%	0.080%
43	18.916	2705	2708	2712	rBV4	4559	8590	0.24%	0.023%
44	19.033	2723	2728	2733	rBV4	42914	63801	1.80%	0.173%
45	19.104	2736	2740	2745	rVB2	15357	24080	0.68%	0.065%
46	19.216	2753	2759	2770	rBV	2741893	3542923	100.00%	9.623%
47	19.357	2781	2783	2786	rVB4	5085	5254	0.15%	0.014%
48	19.769	2850	2853	2857	rBV5	15112	26043	0.74%	0.071%
49	19.863	2867	2869	2872	rVB3	4737	5109	0.14%	0.014%
50	20.763	3018	3022	3031	rBV	444213	608749	17.18%	1.653%
51	21.027	3062	3067	3079	rBV2	1384857	1858480	52.46%	5.048%
52	21.210	3095	3098	3103	rBV	86708	89179	2.52%	0.242%
53	21.627	3166	3169	3176	rBV2	160795	207059	5.84%	0.562%
54	22.063	3239	3243	3248	rBV	252216	293981	8.30%	0.799%
55	22.533	3319	3323	3335	rVB	320048	435567	12.29%	1.183%
56	23.004	3396	3403	3408	rBV	1981018	3353157	94.64%	9.108%
57	23.051	3408	3411	3418	rVV	338556	521558	14.72%	1.417%
58	23.133	3419	3425	3439	rVB	1025451	1877141	52.98%	5.099%
59	23.639	3507	3511	3517	rVB	292807	457248	12.91%	1.242%
60	23.710	3520	3523	3531	rVB5	107289	192880	5.44%	0.524%
61	24.310	3621	3625	3631	rVB	173993	315542	8.91%	0.857%

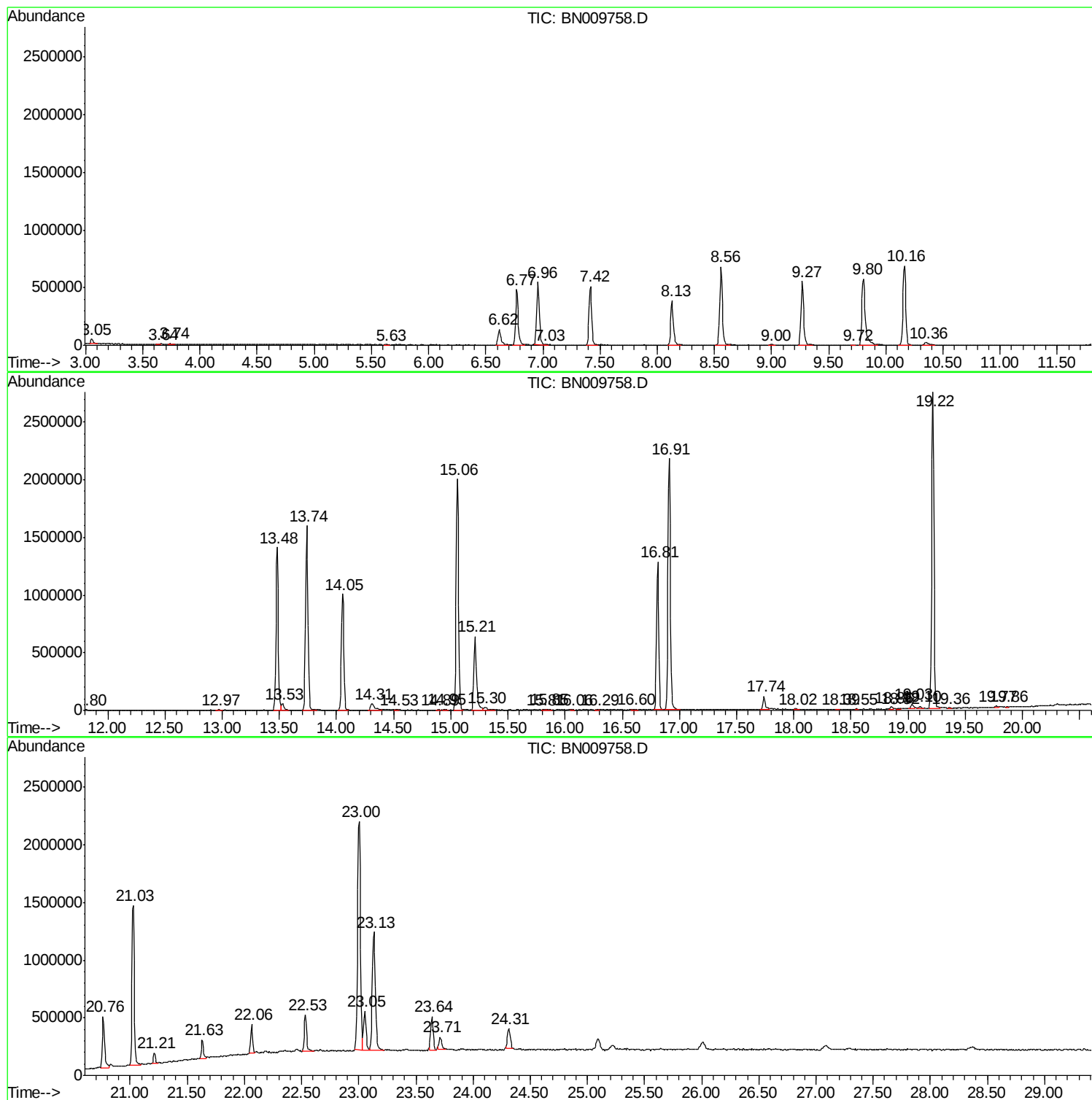
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Quant Title : SVOA CALIBRATION

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



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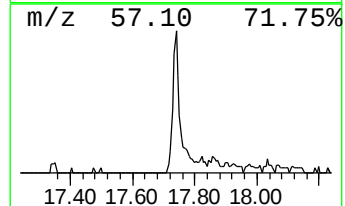
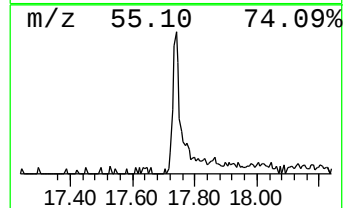
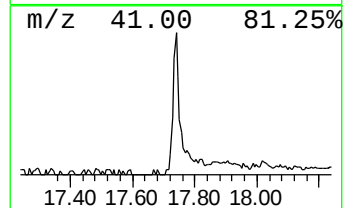
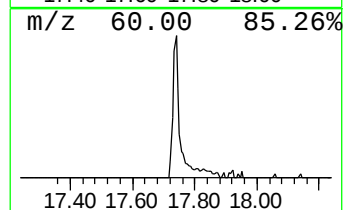
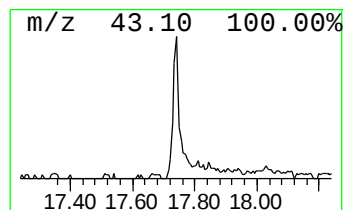
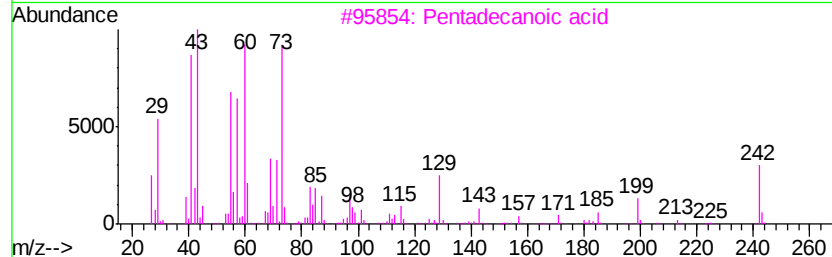
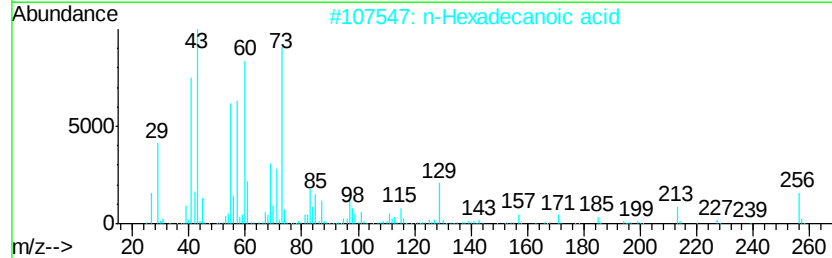
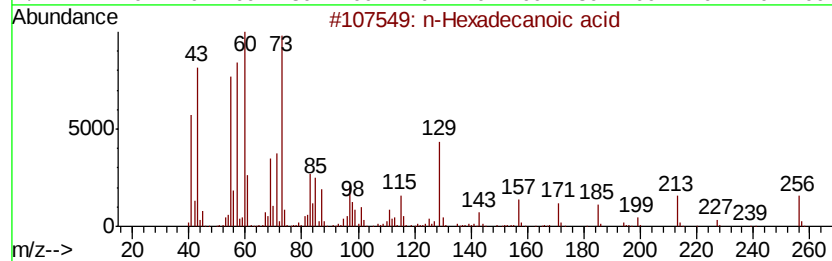
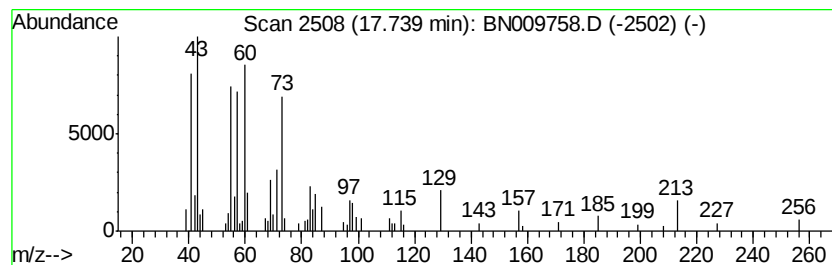
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Quant Title : SVOA CALIBRATION

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	2.11 ng/ul	181509	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	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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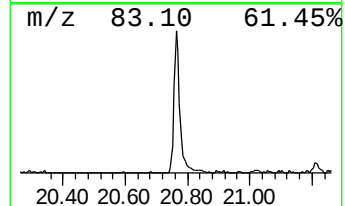
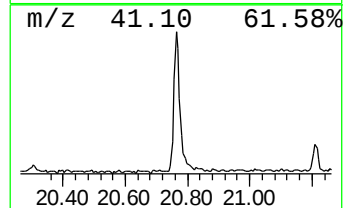
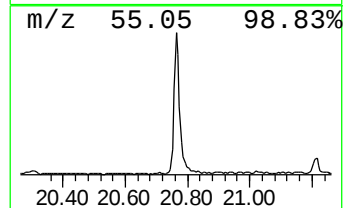
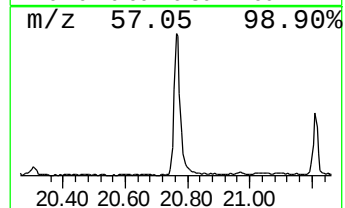
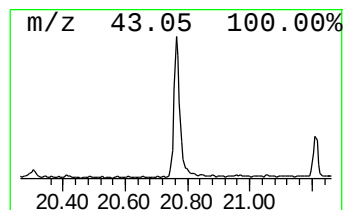
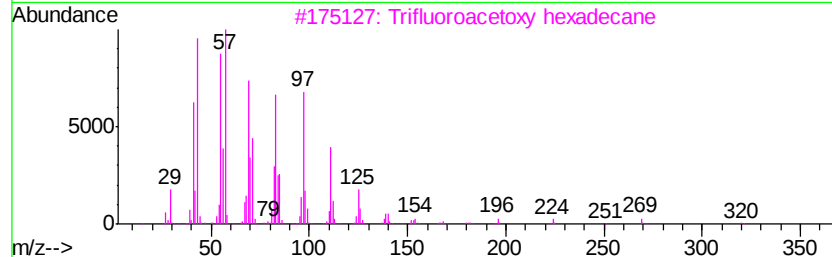
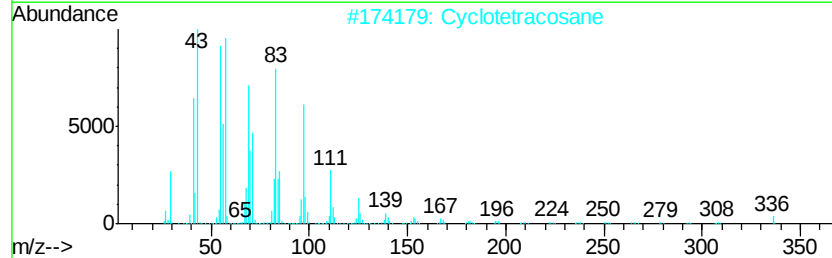
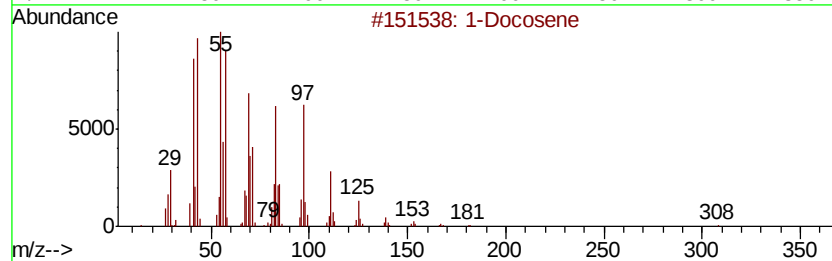
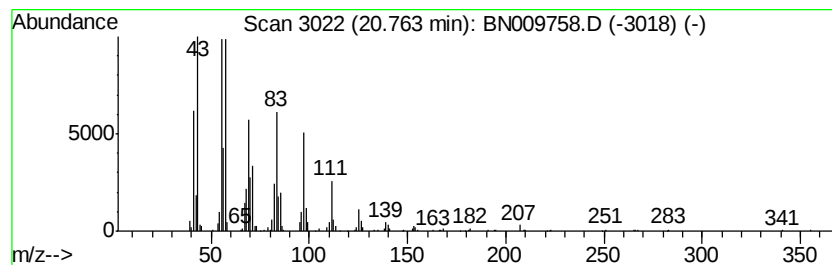
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.76	6.55 ng/ul	608749	Chrysene-d12	21.03	
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	95
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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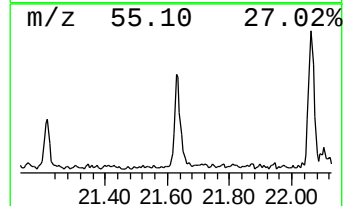
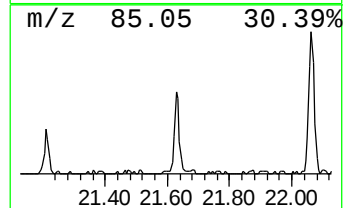
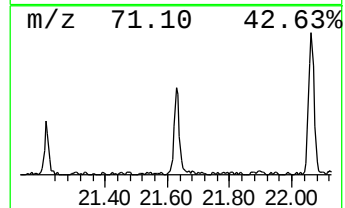
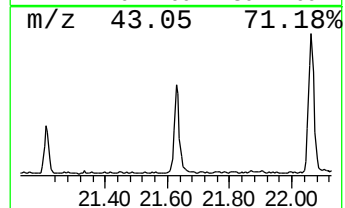
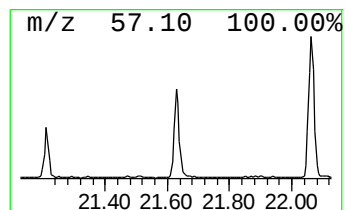
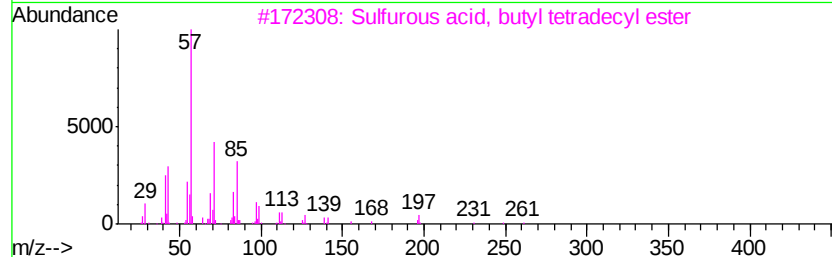
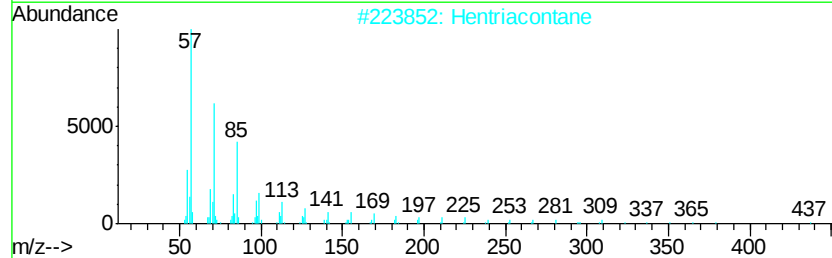
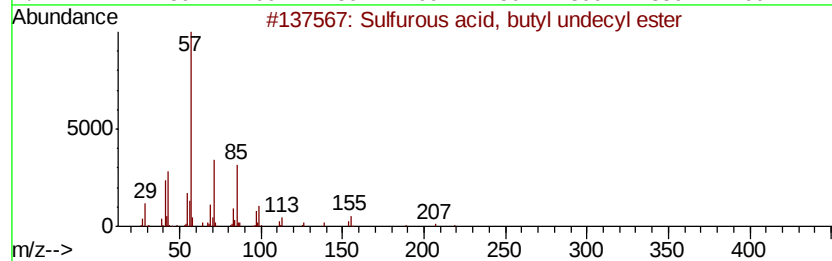
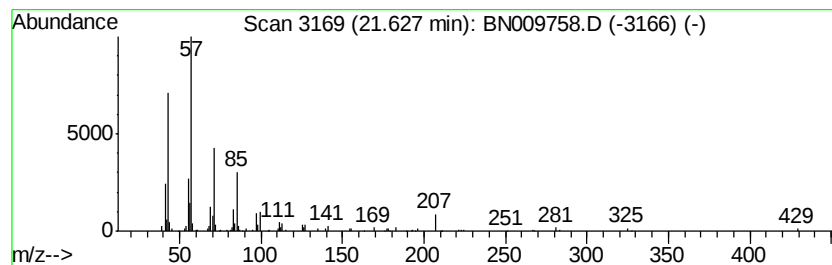
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, butyl undec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	2.23 ng/ul	207059	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80



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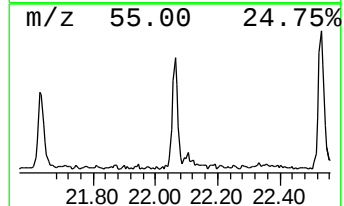
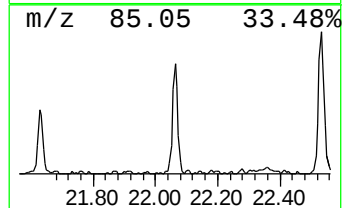
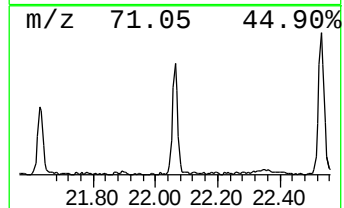
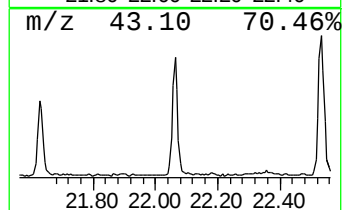
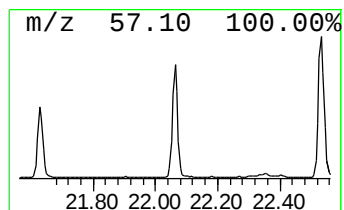
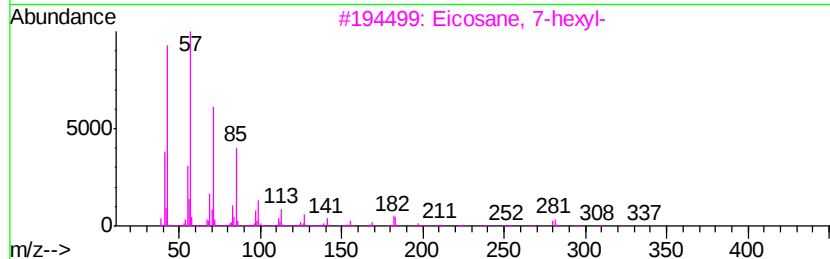
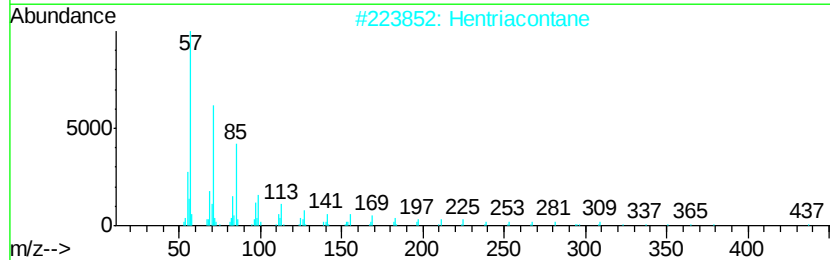
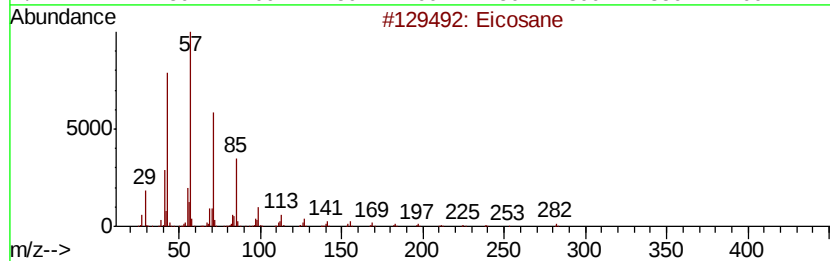
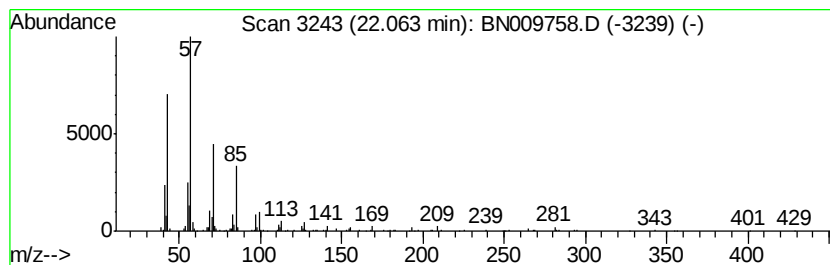
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	3.16 ng/ul	293981	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptacosane	380	C27H56	000593-49-7	87



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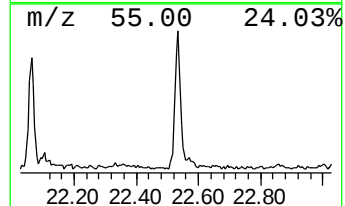
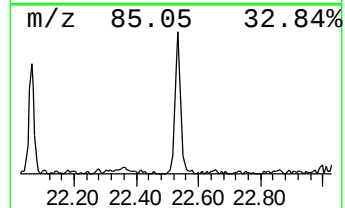
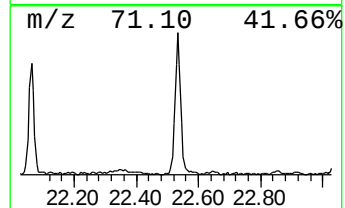
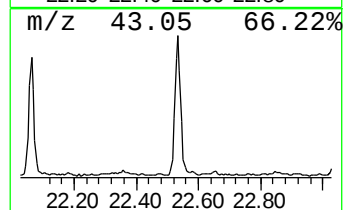
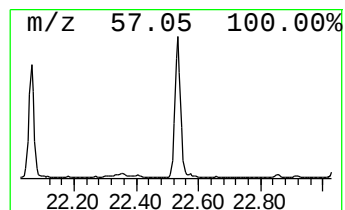
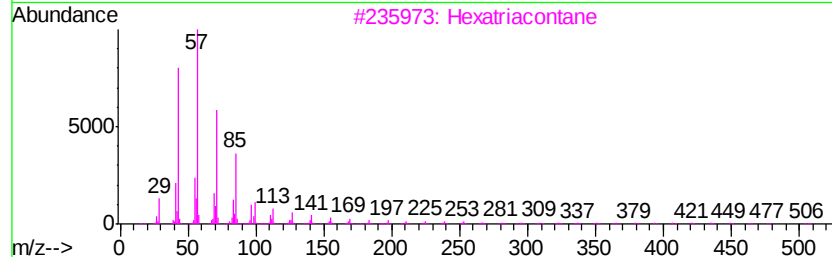
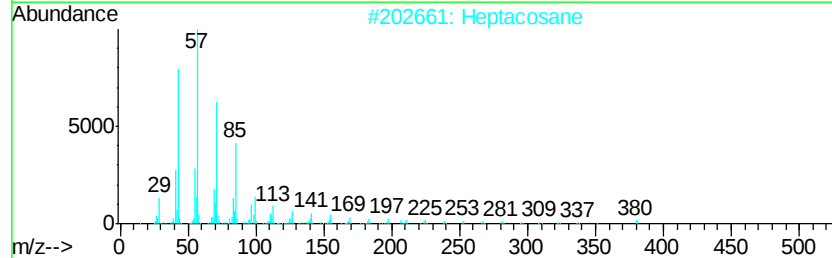
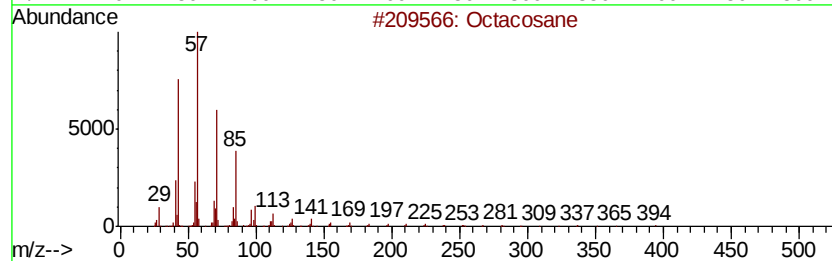
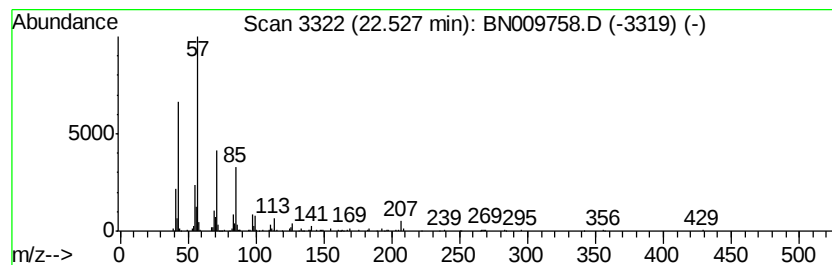
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Quant Title : SVOA CALIBRATION

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.
22.53	4.64 ng/ul	435567	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009758.D
 Acq On : 19 Feb 2020 00:14
 Operator : CG/JU
 Sample : L1541-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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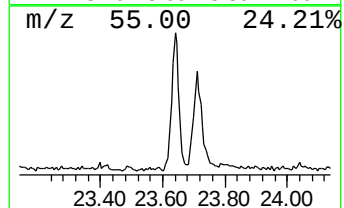
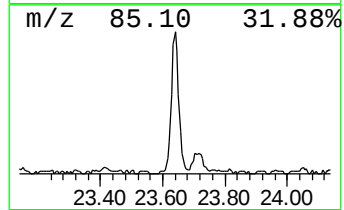
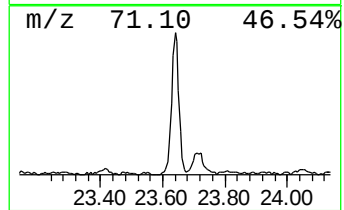
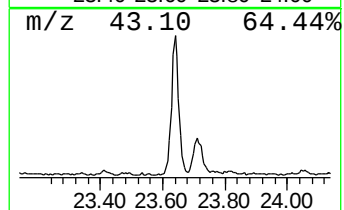
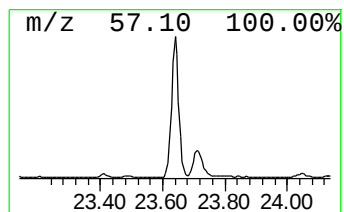
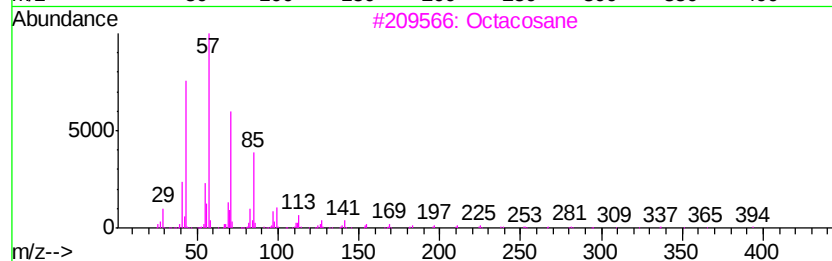
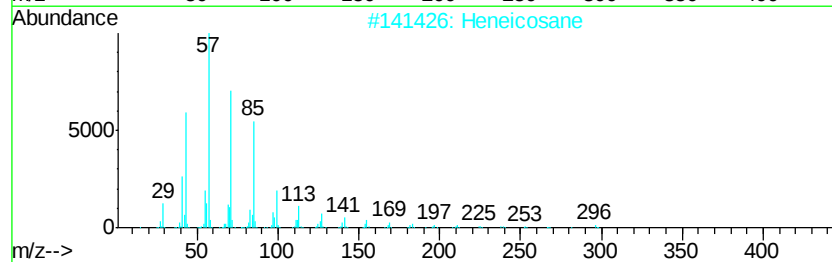
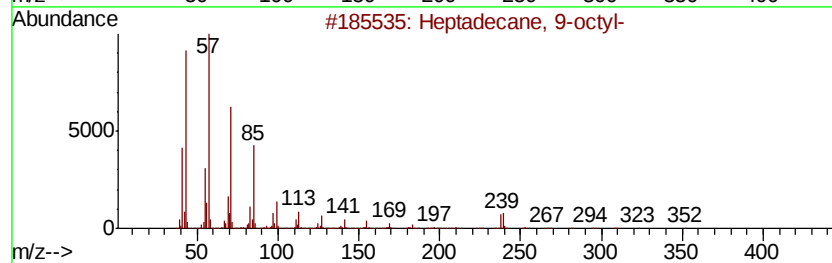
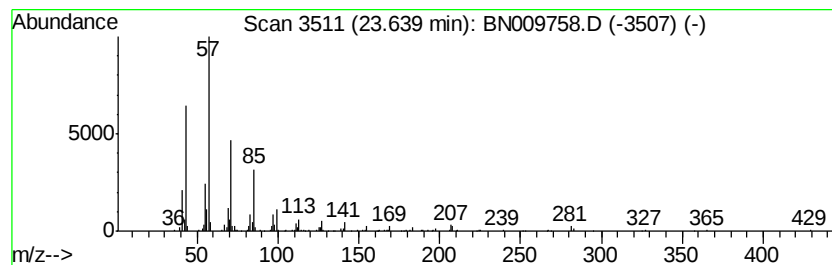
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	4.87 ng/ul	457248	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009758.D
Acq On : 19 Feb 2020 00:14
Operator : CG/JU
Sample : L1541-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD62

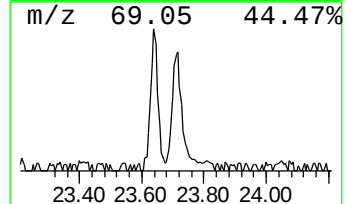
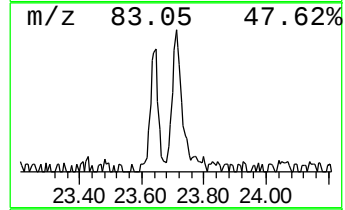
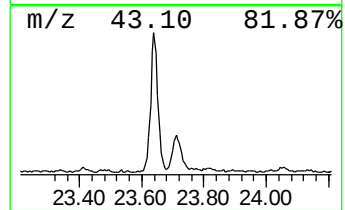
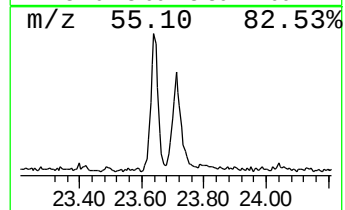
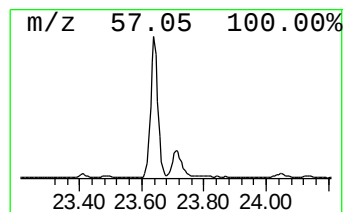
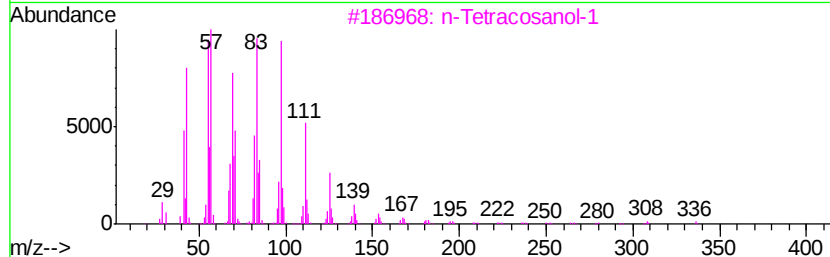
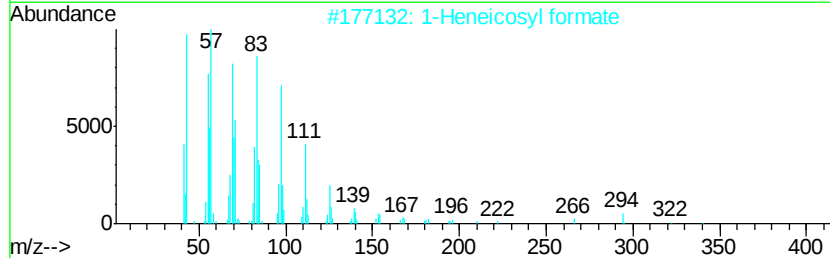
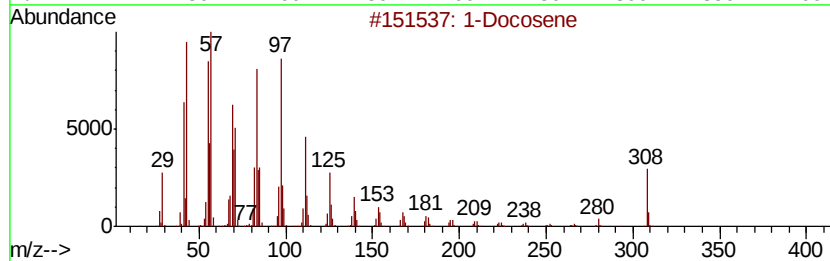
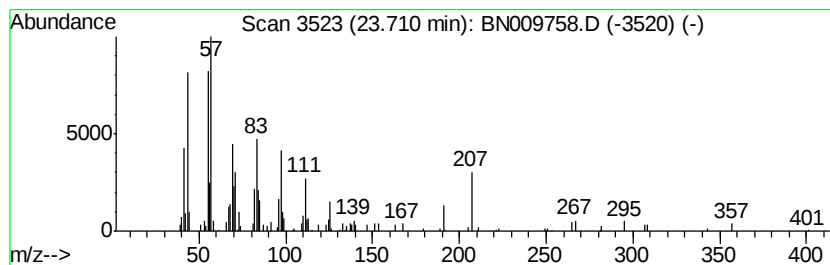
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	2.06 ng/ul	192880	Perylene-d12	23.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	78
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	68
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	64
4			Octacosanol	410	C28H58O	000557-61-9	64
5			Triacontyl acetate	480	C32H64O2	041755-58-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009758.D
Acq On : 19 Feb 2020 00:14
Operator : CG/JU
Sample : L1541-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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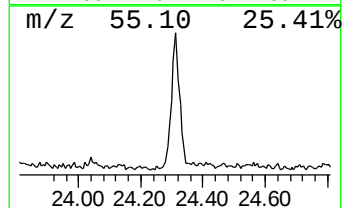
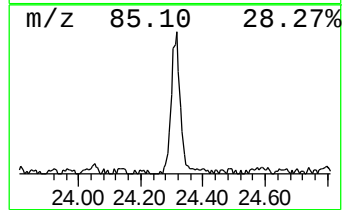
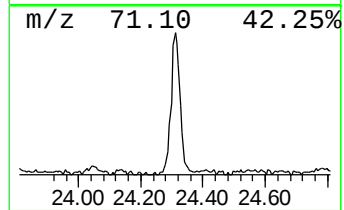
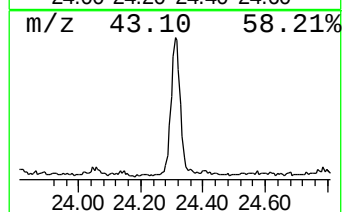
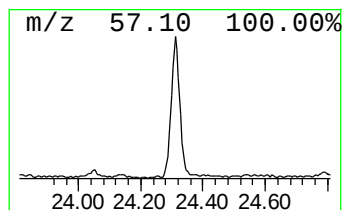
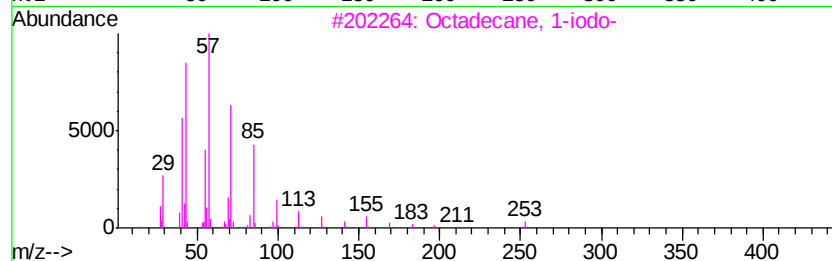
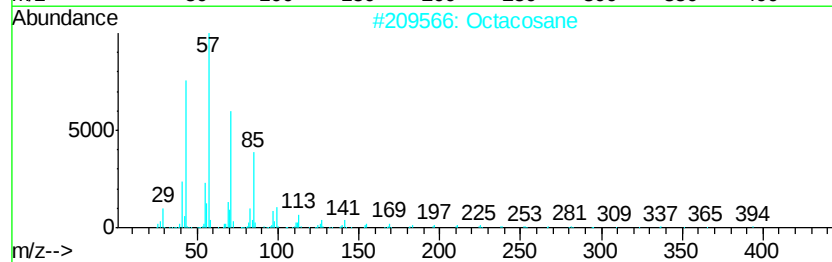
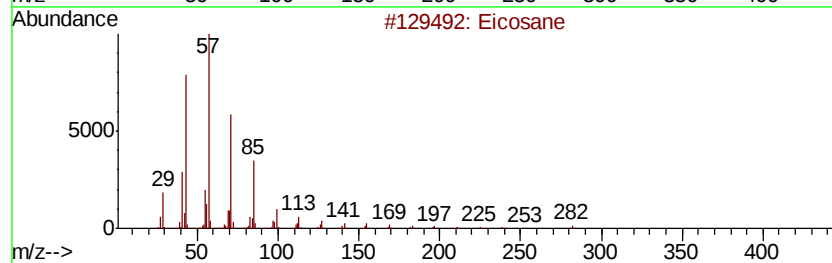
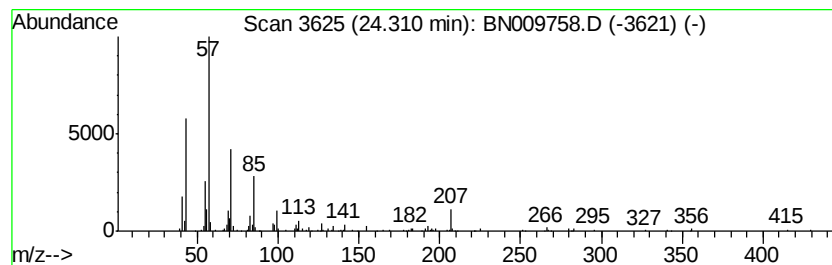
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	3.36 ng/ul	315542	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	74
2		Octacosane	394	C28H58	000630-02-4	70
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	62
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	62
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021820\
Data File : BN009758.D
Acq On : 19 Feb 2020 00:14
Operator : CG/JU
Sample : L1541-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD62

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	2.1	ng/ul	181509	4	16.81	1722300	20.0
(DEL) Alkane: Str...	20.76	6.5	ng/ul	608749	5	21.03	1858480	20.0
Sulfurous acid, b...	21.63	2.2	ng/ul	207059	5	21.03	1858480	20.0
(DEL) Alkane: Str...	22.06	3.2	ng/ul	293981	5	21.03	1858480	20.0
(DEL) Alkane: Str...	22.53	4.6	ng/ul	435567	6	23.13	1877140	20.0
(DEL) Alkane: Str...	23.64	4.9	ng/ul	457248	6	23.13	1877140	20.0
(DEL) Alkane: Str...	23.71	2.1	ng/ul	192880	6	23.13	1877140	20.0
(DEL) Alkane: Str...	24.31	3.4	ng/ul	315542	6	23.13	1877140	20.0