

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009852.D
 Acq On : 22 Feb 2020 18:57
 Operator : CG/JU
 Sample : L1516-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD72

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	3.034	5	8	14	rBV	44726	56862	1.76%	0.148%
2	3.211	36	38	42	rBV4	2668	4076	0.13%	0.011%
3	3.717	121	124	127	rVB4	5600	7125	0.22%	0.018%
4	3.940	157	162	168	rBV7	8629	15916	0.49%	0.041%
5	4.328	225	228	232	rVB5	3979	6128	0.19%	0.016%
6	4.593	270	273	278	rBV2	9787	14851	0.46%	0.039%
7	4.917	324	328	334	rBV5	1909	3626	0.11%	0.009%
8	6.593	607	613	627	rBV	732682	1234906	38.12%	3.204%
9	6.746	634	639	651	rBV	510427	828761	25.58%	2.150%
10	6.928	664	670	682	rBV	721294	1163344	35.91%	3.019%
11	7.081	693	696	698	rVB4	3171	3329	0.10%	0.009%
12	7.258	720	726	728	rBV3	2993	5780	0.18%	0.015%
13	7.387	742	748	759	rBV	479014	763448	23.56%	1.981%
14	7.481	759	764	773	rVB2	17436	32982	1.02%	0.086%
15	7.552	773	776	779	rVB3	2691	3379	0.10%	0.009%
16	8.105	863	870	882	rBV	828017	1349414	41.65%	3.501%
17	8.534	935	943	960	rBV	726233	1203123	37.13%	3.122%
18	8.969	1014	1017	1023	rVV	18977	24617	0.76%	0.064%
19	9.246	1057	1064	1073	rBV	582798	998620	30.82%	2.591%
20	9.775	1147	1154	1170	rBV	763133	1364814	42.13%	3.541%
21	10.134	1208	1215	1223	rBV	662949	1057936	32.65%	2.745%
22	10.293	1235	1242	1262	rBV	495282	1027989	31.73%	2.667%
23	10.422	1262	1264	1267	rVV2	3804	3617	0.11%	0.009%
24	11.751	1486	1490	1500	rVB5	7573	15139	0.47%	0.039%
25	12.634	1636	1640	1643	rBV2	3102	3591	0.11%	0.009%
26	12.875	1678	1681	1686	rVB2	3687	5165	0.16%	0.013%
27	12.940	1686	1692	1700	rVB4	10622	18803	0.58%	0.049%
28	13.263	1743	1747	1756	rBV2	16516	24852	0.77%	0.064%
29	13.457	1773	1780	1785	rBV	1349581	1900400	58.66%	4.931%
30	13.504	1785	1788	1796	rVB	126918	175532	5.42%	0.455%
31	13.716	1817	1824	1835	rBV	1580218	2242519	69.22%	5.819%
32	13.969	1863	1867	1869	rBV3	5053	4818	0.15%	0.013%
33	14.028	1871	1877	1884	rVV2	942305	1354965	41.82%	3.516%
34	14.092	1884	1888	1892	rVB2	8789	12255	0.38%	0.032%

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35	14.269	1912	1918	1941	rBV	467670	951351	29.36%	2.468%
36	14.440	1946	1947	1951	rVV4	7394	10151	0.31%	0.026%
37	14.487	1953	1955	1966	rVB6	10186	18925	0.58%	0.049%
38	14.657	1979	1984	1987	rVB4	3768	5688	0.18%	0.015%
39	14.863	2015	2019	2022	rBV4	4751	5520	0.17%	0.014%
40	14.922	2026	2029	2034	rVB4	7304	9145	0.28%	0.024%
41	15.034	2041	2048	2056	rBV	1945450	2699445	83.32%	7.004%
42	15.087	2056	2057	2062	rVB2	6315	6123	0.19%	0.016%
43	15.187	2069	2074	2086	rBV	636556	1005381	31.03%	2.609%
44	15.275	2086	2089	2096	rVB3	20301	32927	1.02%	0.085%
45	15.487	2122	2125	2129	rBV5	2148	3694	0.11%	0.010%
46	15.792	2173	2177	2180	rBV3	5516	7255	0.22%	0.019%
47	15.822	2180	2182	2186	rVV3	6679	7634	0.24%	0.020%
48	15.892	2189	2194	2198	rBV6	2094	4640	0.14%	0.012%
49	16.245	2252	2254	2258	rVB4	3599	4036	0.12%	0.010%
50	16.581	2307	2311	2318	rBV6	8765	11747	0.36%	0.030%
51	16.786	2340	2346	2351	rVV	1148422	1554065	47.97%	4.032%
52	16.828	2351	2353	2357	rVV	18649	21285	0.66%	0.055%
53	16.886	2357	2363	2377	rVV	2063889	2866907	88.49%	7.439%
54	17.010	2380	2384	2389	rVB5	2103	4756	0.15%	0.012%
55	17.098	2397	2399	2403	rVB3	3624	5457	0.17%	0.014%
56	17.204	2413	2417	2423	rVB3	27046	34124	1.05%	0.089%
57	17.716	2498	2504	2513	rBV	210469	321608	9.93%	0.834%
58	17.833	2521	2524	2527	rBV5	4282	4961	0.15%	0.013%
59	17.904	2535	2536	2540	rVB4	4184	3360	0.10%	0.009%
60	17.992	2546	2551	2556	rBV5	6225	12290	0.38%	0.032%
61	18.075	2561	2565	2569	rBV5	3670	6123	0.19%	0.016%
62	18.151	2573	2578	2581	rBV4	9383	11077	0.34%	0.029%
63	18.522	2637	2641	2646	rBV5	4370	8965	0.28%	0.023%
64	18.586	2649	2652	2657	rVB5	12677	17780	0.55%	0.046%
65	18.639	2657	2661	2663	rBV5	3821	5095	0.16%	0.013%
66	18.739	2676	2678	2683	rVB6	3561	5451	0.17%	0.014%
67	18.792	2685	2687	2690	rBV3	2581	3465	0.11%	0.009%
68	18.828	2690	2693	2697	rBV	18500	26956	0.83%	0.070%
69	18.863	2697	2699	2702	rVB3	9255	8548	0.26%	0.022%
70	19.010	2720	2724	2732	rBV4	52752	90226	2.78%	0.234%
71	19.080	2733	2736	2740	rVV2	19057	23220	0.72%	0.060%

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72	19.192	2744	2755	2766	rBV	2388371	3239896	100.00%	8.407%
73	19.757	2847	2851	2853	rBV5	13049	17360	0.54%	0.045%
74	19.780	2853	2855	2859	rVB4	7453	8461	0.26%	0.022%
75	19.816	2859	2861	2863	rBV3	4380	5087	0.16%	0.013%
76	20.704	3007	3012	3015	rBV2	39425	69028	2.13%	0.179%
77	20.745	3015	3019	3026	rVV2	489112	649666	20.05%	1.686%
78	20.804	3026	3029	3038	rVB	149482	216023	6.67%	0.561%
79	20.951	3051	3054	3058	rVB	44260	46573	1.44%	0.121%
80	21.004	3058	3063	3074	rBV	1247978	1688351	52.11%	4.381%
81	21.198	3092	3096	3099	rBV	61195	70484	2.18%	0.183%
82	21.616	3163	3167	3172	rBV2	90977	119026	3.67%	0.309%
83	22.045	3236	3240	3244	rBV	138926	172179	5.31%	0.447%
84	22.510	3316	3319	3323	rVB	166391	189930	5.86%	0.493%
85	22.974	3392	3398	3404	rBV	1863876	3088625	95.33%	8.014%
86	23.027	3404	3407	3412	rVB2	186895	262996	8.12%	0.682%
87	23.104	3414	3420	3433	rVB2	953329	1701879	52.53%	4.416%
88	23.610	3502	3506	3513	rVB	146539	242554	7.49%	0.629%

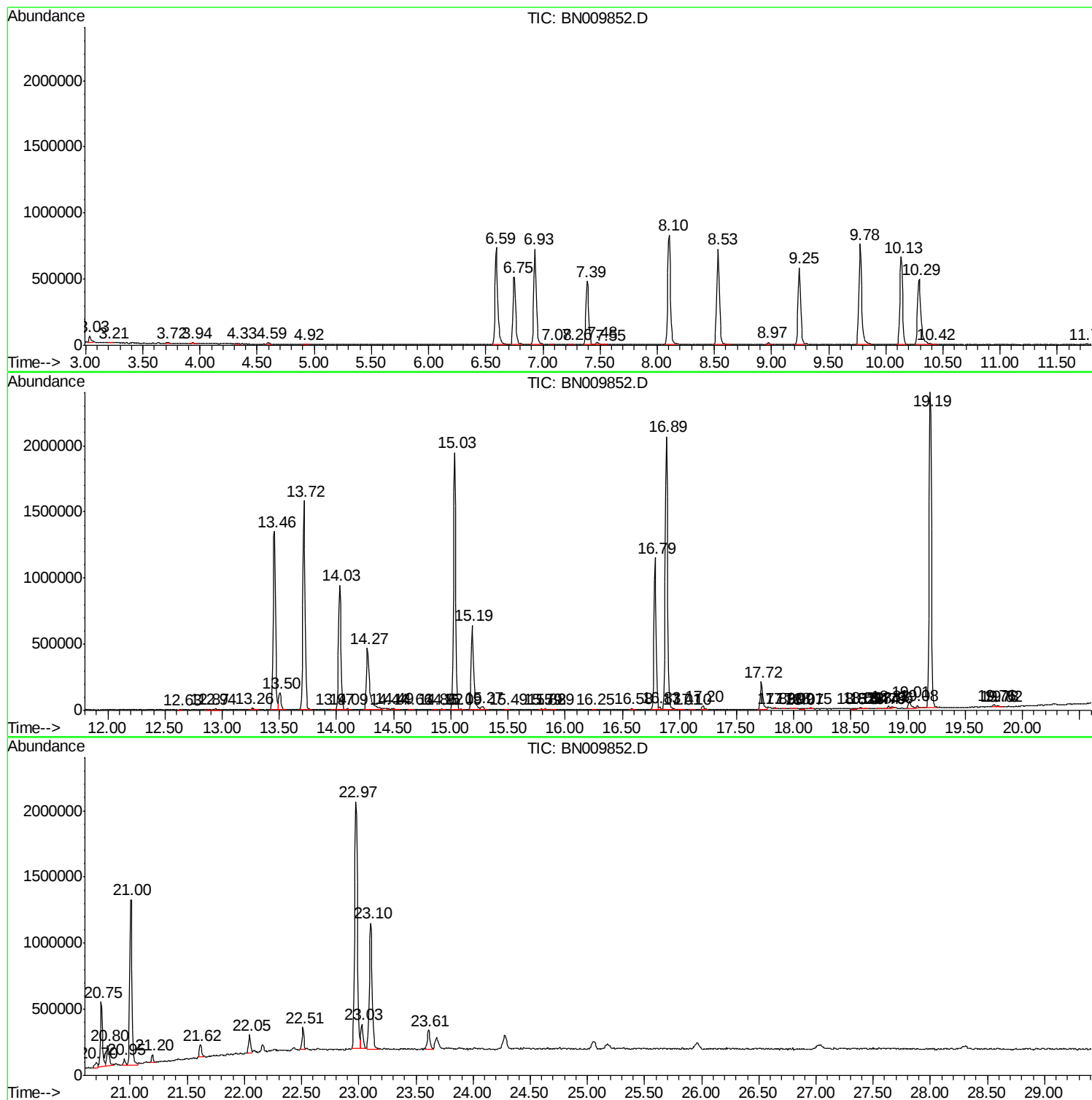
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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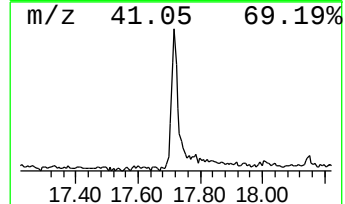
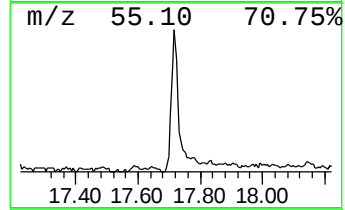
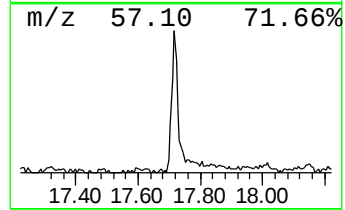
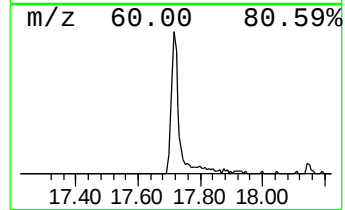
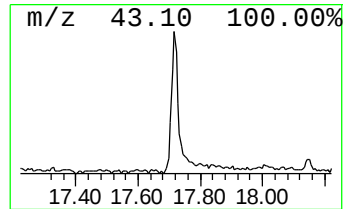
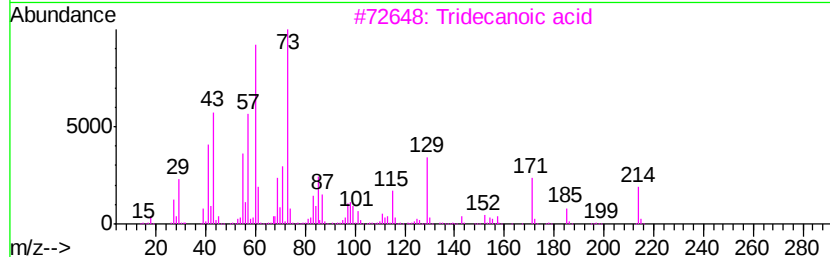
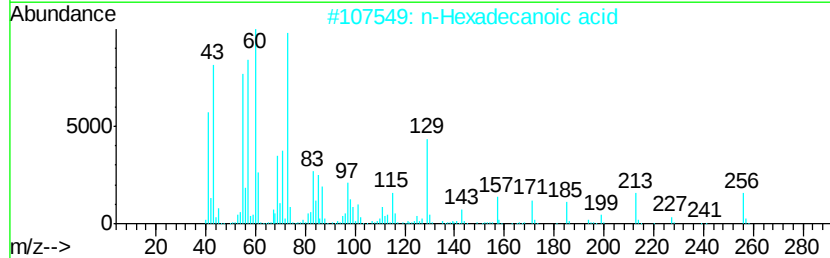
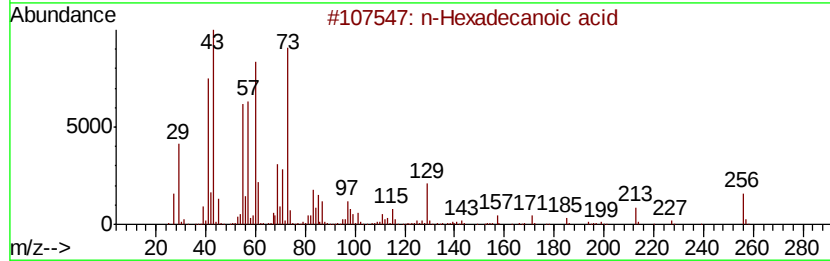
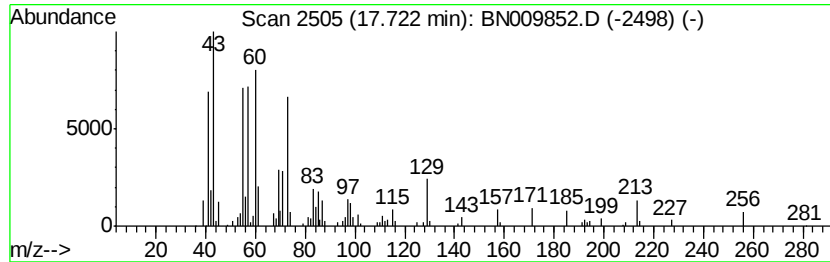
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	4.14 ng/ul	321608	Phenanthrene-d10	16.79	
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	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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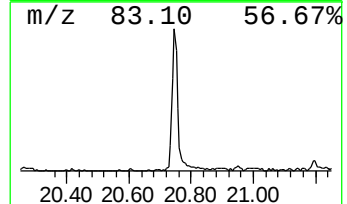
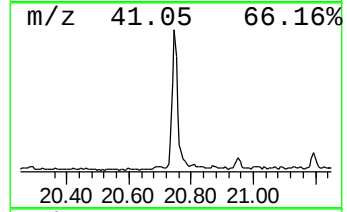
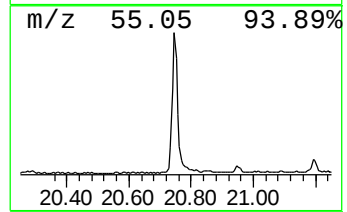
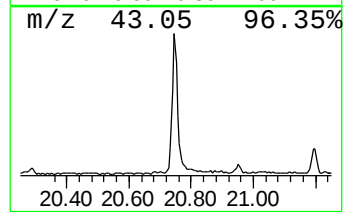
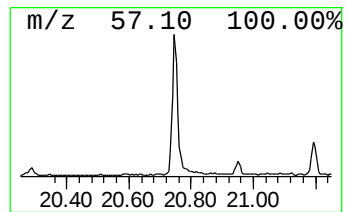
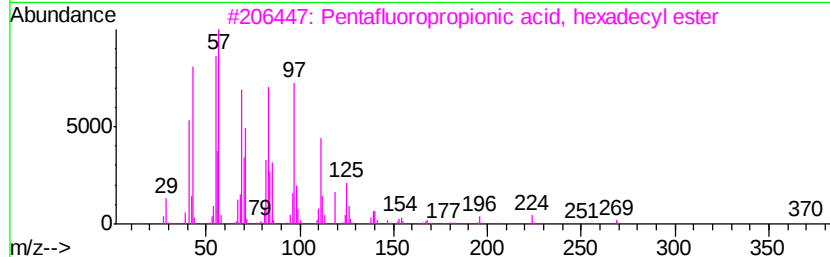
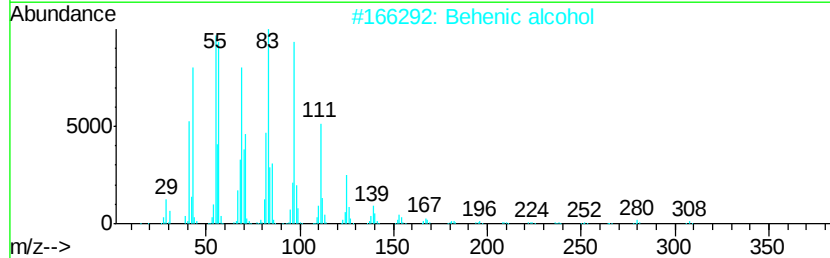
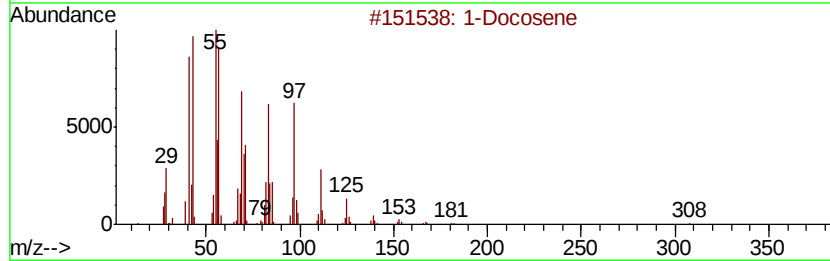
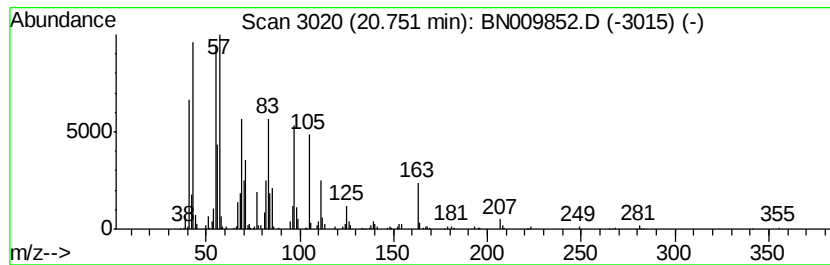
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	7.70 ng/ul	649666	Chrysene-d12	21.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 95
2	Behenic alcohol		326 C22H46O	000661-19-8 91
3	Pentafluoropropionic acid, hexadecyl...		388 C19H33F5O2	006222-07-7 91
4	Trichloroacetic acid, tetradecyl...		358 C16H29Cl3O2	074339-52-9 91
5	1-Heneicosanol		312 C21H44O	015594-90-8 91



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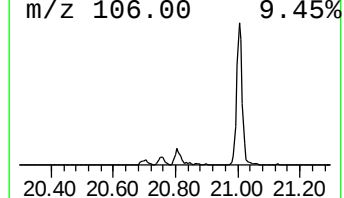
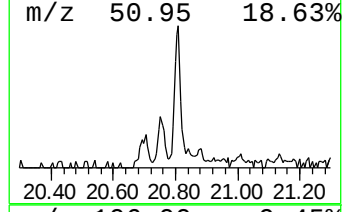
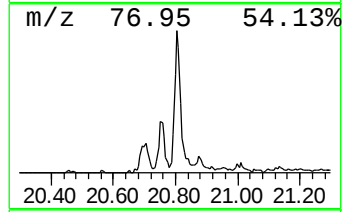
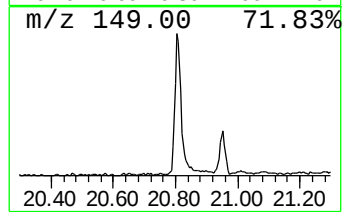
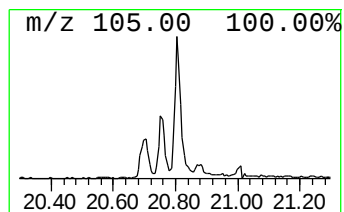
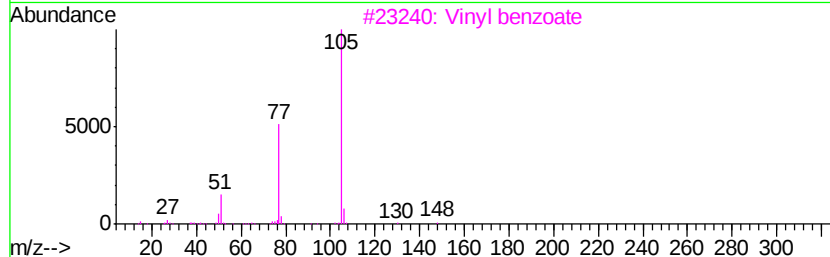
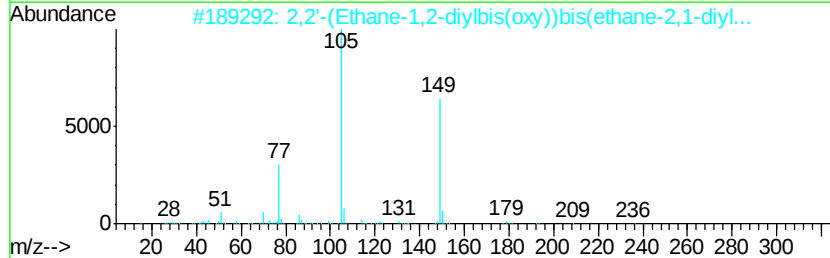
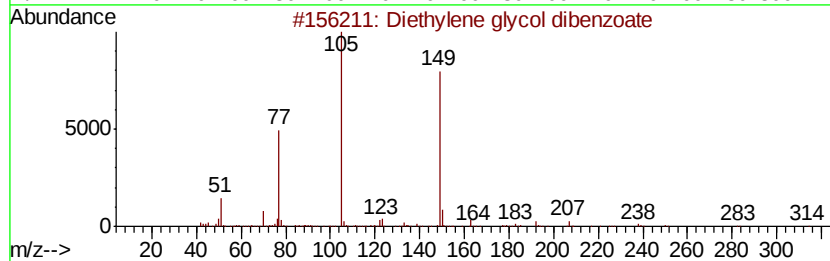
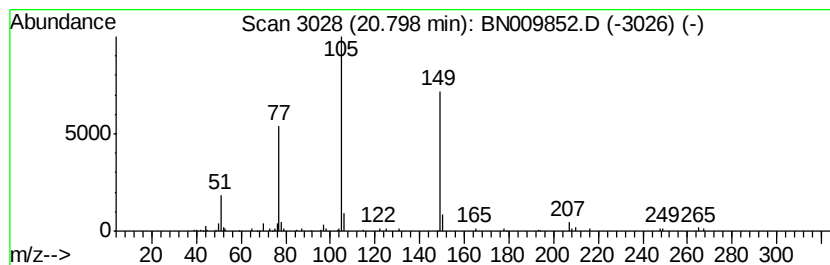
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.56 ng/ul	216023	Chrysene-d12	21.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2		2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	53
3		Vinyl benzoate	148	C9H8O2	000769-78-8	49
4		1,3,4-Oxadiazin-6-one, 5-isoprop...	216	C12H12N2O2	173973-78-9	49
5		Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47



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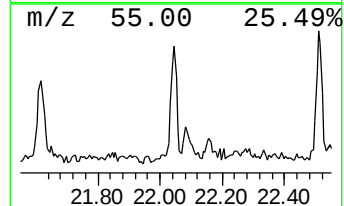
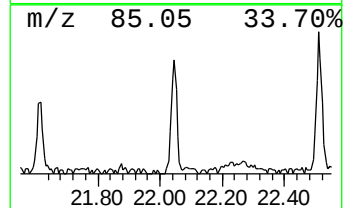
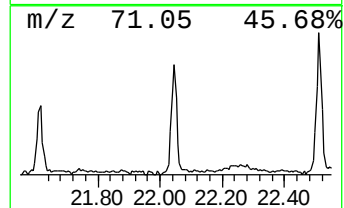
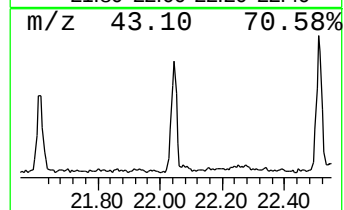
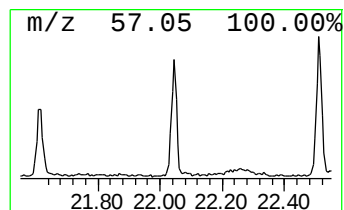
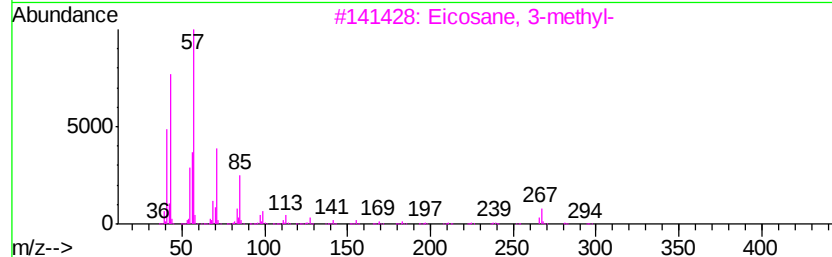
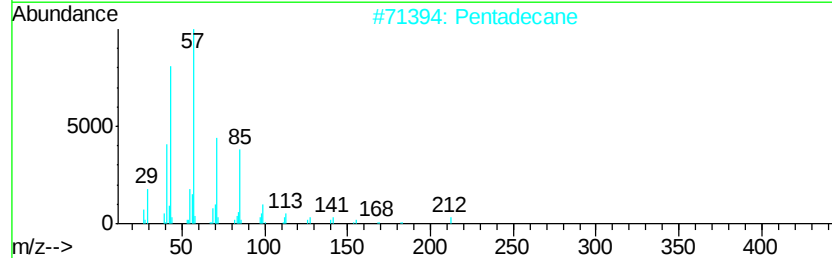
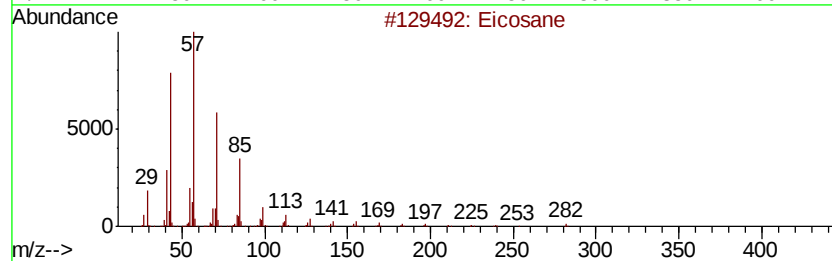
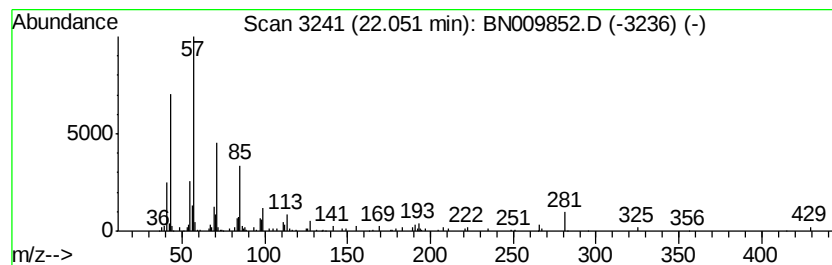
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	2.04 ng/ul	172179	Chrysene-d12	21.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Pentadecane	212	C15H32	000629-62-9	83
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009852.D
Acq On : 22 Feb 2020 18:57
Operator : CG/JU
Sample : L1516-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD72

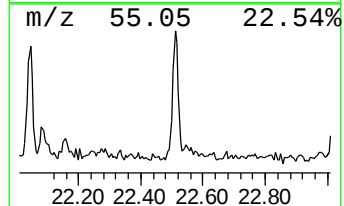
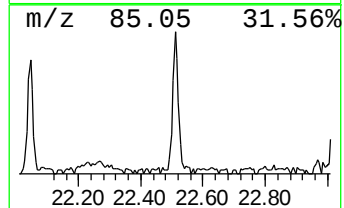
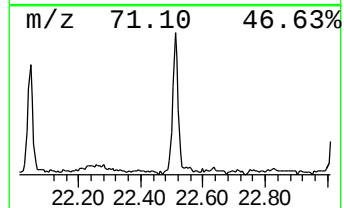
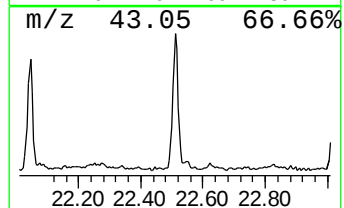
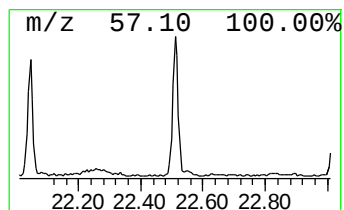
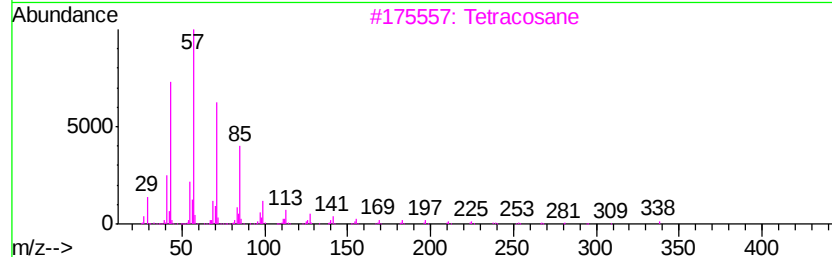
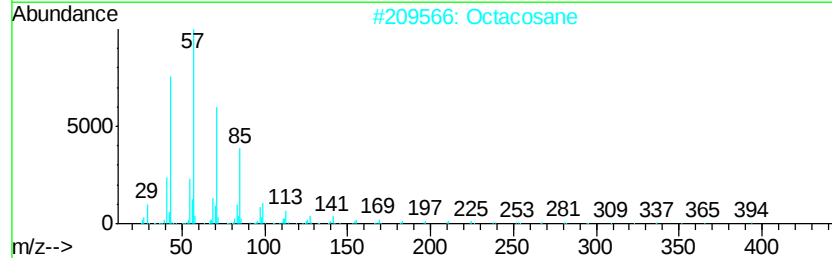
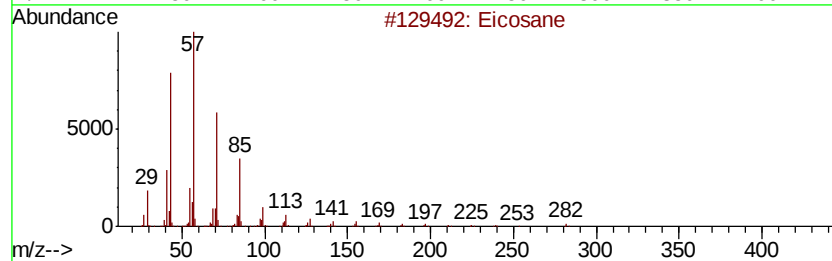
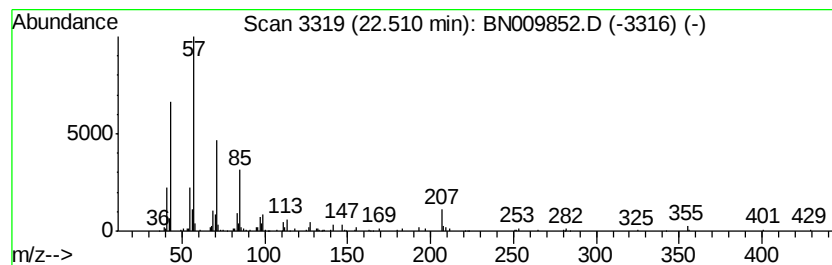
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.23 ng/ul	189930	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Octacosane	394	C28H58	000630-02-4	76
3		Tetracosane	338	C24H50	000646-31-1	76
4		Hexatriacontane	507	C36H74	000630-06-8	68
5		Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009852.D
Acq On : 22 Feb 2020 18:57
Operator : CG/JU
Sample : L1516-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD72

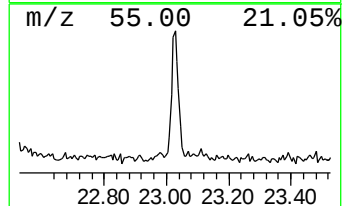
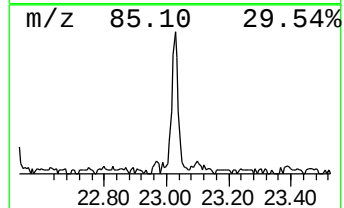
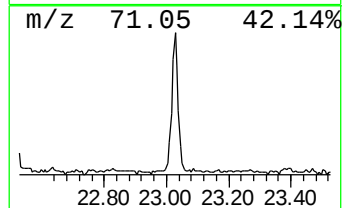
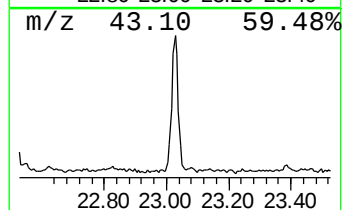
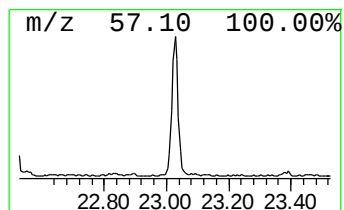
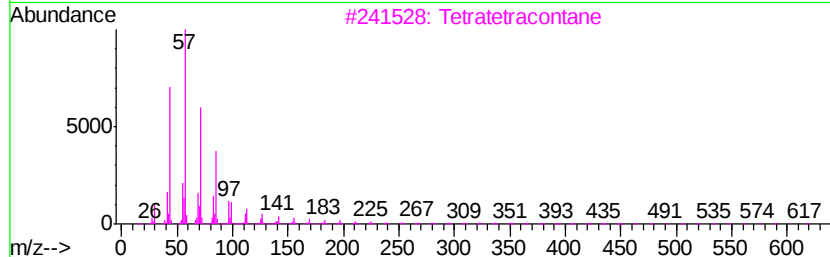
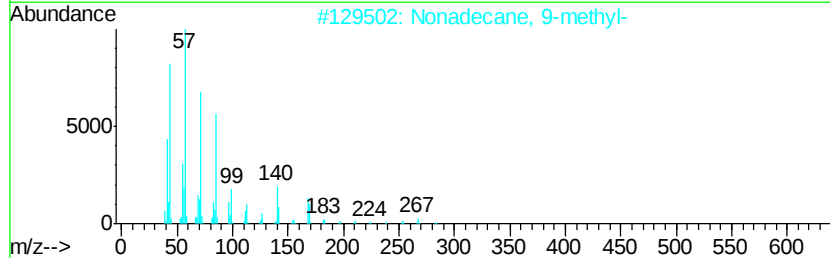
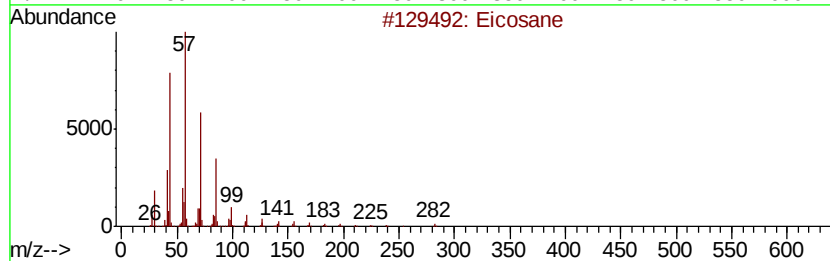
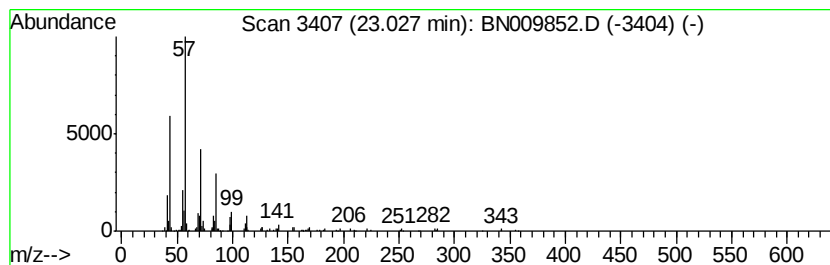
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.09 ng/ul	262996	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Tetratetracontane	619	C44H90	007098-22-8	81
4		Pentadecane	212	C15H32	000629-62-9	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009852.D
Acq On : 22 Feb 2020 18:57
Operator : CG/JU
Sample : L1516-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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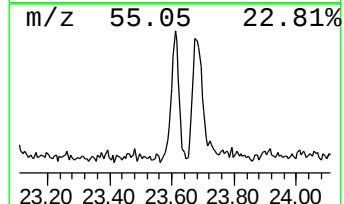
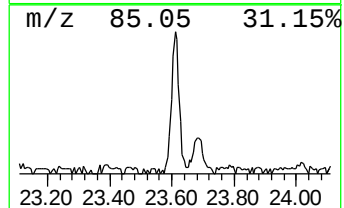
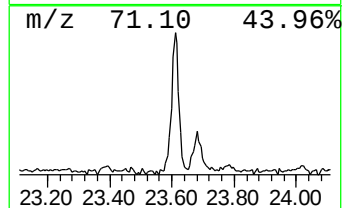
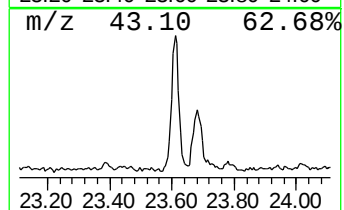
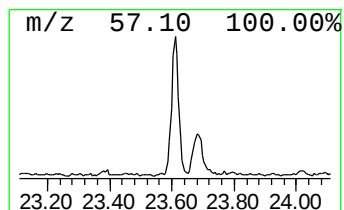
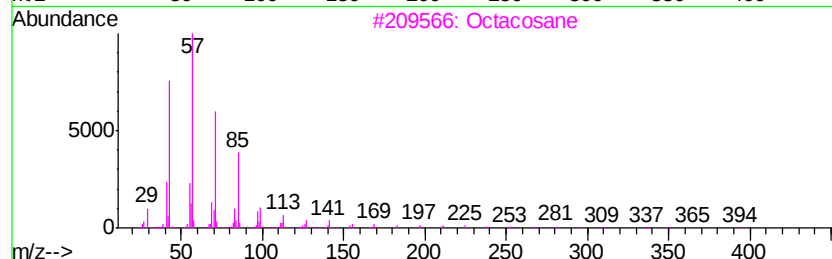
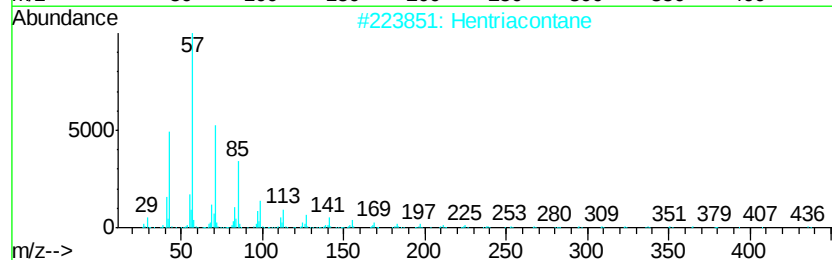
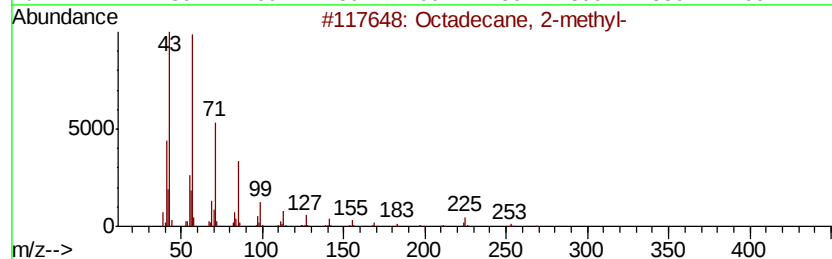
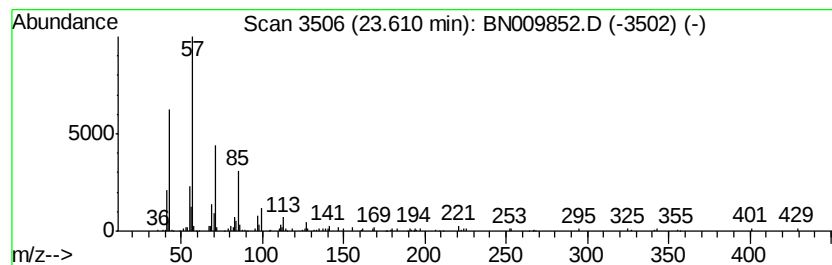
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.85 ng/ul	242554	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009852.D
Acq On : 22 Feb 2020 18:57
Operator : CG/JU
Sample : L1516-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.72	4.1	ng/ul	321608	4	16.79	1554070	20.0
(DEL) Alkane: Str...	20.75	7.7	ng/ul	649666	5	21.01	1688350	20.0
Diethylene glycol...	20.80	2.6	ng/ul	216023	5	21.01	1688350	20.0
(DEL) Alkane: Str...	22.05	2.0	ng/ul	172179	5	21.01	1688350	20.0
(DEL) Alkane: Str...	22.51	2.2	ng/ul	189930	6	23.10	1701880	20.0
(DEL) Alkane: Str...	23.03	3.1	ng/ul	262996	6	23.10	1701880	20.0
(DEL) Alkane: Str...	23.61	2.9	ng/ul	242554	6	23.10	1701880	20.0