

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009849.D
 Acq On : 22 Feb 2020 17:10
 Operator : CG/JU
 Sample : L1516-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD29

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	20	rVB	41616	65143	2.12%	0.168%
2	3.240	41	43	46	rBV4	3119	3985	0.13%	0.010%
3	3.711	121	123	130	rVB5	4711	5780	0.19%	0.015%
4	3.934	157	161	169	rVB5	8445	14510	0.47%	0.037%
5	4.240	211	213	218	rVB4	3939	4499	0.15%	0.012%
6	4.328	225	228	230	rBV3	6148	6013	0.20%	0.016%
7	4.599	270	274	281	rBV2	9836	13942	0.45%	0.036%
8	6.593	607	613	627	rVV	674832	1143865	37.15%	2.954%
9	6.746	633	639	651	rVV	489597	781747	25.39%	2.019%
10	6.934	664	671	682	rBV	672272	1103201	35.83%	2.849%
11	7.028	684	687	691	rVB5	2150	3252	0.11%	0.008%
12	7.252	722	725	726	rBV2	3847	3609	0.12%	0.009%
13	7.387	742	748	760	rBV	518578	818935	26.60%	2.115%
14	7.481	760	764	770	rVB4	7589	13630	0.44%	0.035%
15	8.104	863	870	886	rBV	772047	1297408	42.13%	3.351%
16	8.534	936	943	958	rBV	670697	1135654	36.88%	2.933%
17	8.722	971	975	980	rVB7	3576	7083	0.23%	0.018%
18	8.975	1010	1018	1022	rVB2	15787	25991	0.84%	0.067%
19	9.246	1057	1064	1079	rBV	533356	932514	30.28%	2.408%
20	9.775	1147	1154	1176	rBV	720120	1298332	42.16%	3.353%
21	10.134	1208	1215	1225	rBV	722486	1143837	37.15%	2.954%
22	10.293	1234	1242	1264	rBV	518513	1079776	35.07%	2.789%
23	11.034	1365	1368	1371	rBV2	2508	3296	0.11%	0.009%
24	11.757	1486	1491	1498	rVV2	6984	13364	0.43%	0.035%
25	12.634	1637	1640	1645	rBV4	2492	3968	0.13%	0.010%
26	12.875	1678	1681	1686	rVB4	4857	5605	0.18%	0.014%
27	12.945	1686	1693	1700	rVB3	10504	18490	0.60%	0.048%
28	13.339	1752	1760	1766	rBV5	1994	4699	0.15%	0.012%
29	13.457	1774	1780	1785	rBV	1276832	1788843	58.09%	4.620%
30	13.504	1785	1788	1797	rVB	120522	182089	5.91%	0.470%
31	13.716	1817	1824	1838	rBV	1483531	2129914	69.17%	5.501%
32	13.969	1859	1867	1871	rBV6	4369	9744	0.32%	0.025%
33	14.028	1871	1877	1886	rVV	1005483	1461372	47.46%	3.774%
34	14.269	1913	1918	1941	rBV	407272	873592	28.37%	2.256%

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 Title : SVOA CALIBRATION

35	14.486	1950	1955	1956	rBV4	5393	7028	0.23%	0.018%
36	14.657	1982	1984	1988	rVB4	3279	3727	0.12%	0.010%
37	14.863	2017	2019	2023	rVB3	5505	5295	0.17%	0.014%
38	14.928	2026	2030	2037	rVB3	7296	10642	0.35%	0.027%
39	15.034	2042	2048	2056	rBV	1949185	2588380	84.06%	6.685%
40	15.186	2069	2074	2085	rBV	564340	895528	29.08%	2.313%
41	15.275	2086	2089	2094	rVV2	22369	33226	1.08%	0.086%
42	15.792	2174	2177	2179	rBV2	6158	6466	0.21%	0.017%
43	15.822	2179	2182	2187	rVB5	5074	7434	0.24%	0.019%
44	16.581	2307	2311	2318	rBV7	7264	12679	0.41%	0.033%
45	16.786	2340	2346	2354	rVB	1267411	1689424	54.86%	4.363%
46	16.886	2357	2363	2373	rBV	1913178	2710817	88.03%	7.001%
47	17.210	2414	2418	2426	rVB5	18256	27039	0.88%	0.070%
48	17.322	2434	2437	2440	rBV4	3562	4404	0.14%	0.011%
49	17.586	2478	2482	2488	rBV6	3584	8272	0.27%	0.021%
50	17.716	2498	2504	2514	rBV	173781	280657	9.11%	0.725%
51	17.880	2530	2532	2534	rVB3	4861	4575	0.15%	0.012%
52	17.992	2548	2551	2553	rBV4	6706	7816	0.25%	0.020%
53	18.080	2561	2566	2567	rBV5	3000	4651	0.15%	0.012%
54	18.145	2575	2577	2583	rVB3	6171	7093	0.23%	0.018%
55	18.263	2594	2597	2599	rBV4	3943	4868	0.16%	0.013%
56	18.410	2616	2622	2625	rBV5	3085	6473	0.21%	0.017%
57	18.580	2649	2651	2655	rBV4	12462	16457	0.53%	0.043%
58	18.657	2662	2664	2669	rVB4	3790	3966	0.13%	0.010%
59	18.722	2673	2675	2679	rBV4	4039	6269	0.20%	0.016%
60	18.786	2682	2686	2687	rBV4	2963	4135	0.13%	0.011%
61	18.833	2690	2694	2697	rBV	17054	24105	0.78%	0.062%
62	18.869	2697	2700	2701	rVV3	4039	4270	0.14%	0.011%
63	18.886	2701	2703	2708	rVB6	5530	6724	0.22%	0.017%
64	19.016	2720	2725	2730	rBV4	45107	71282	2.31%	0.184%
65	19.080	2733	2736	2739	rVB	16904	19174	0.62%	0.050%
66	19.198	2747	2756	2764	rBV	2200971	3079279	100.00%	7.953%
67	19.439	2794	2797	2801	rBV6	4802	6321	0.21%	0.016%
68	19.751	2846	2850	2854	rBV5	14763	22178	0.72%	0.057%
69	20.104	2908	2910	2912	rBV2	5295	5083	0.17%	0.013%
70	20.286	2938	2941	2946	rVB5	13162	18658	0.61%	0.048%
71	20.392	2957	2959	2962	rBV3	6754	6104	0.20%	0.016%

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72	20.704	3007	3012	3015	rBV	36769	60015	1.95%	0.155%
73	20.745	3015	3019	3025	rVV2	711027	883747	28.70%	2.282%
74	20.804	3026	3029	3036	rVB	181239	227932	7.40%	0.589%
75	21.004	3058	3063	3073	rBV	1385110	1782402	57.88%	4.603%
76	21.198	3092	3096	3099	rBV	71764	85799	2.79%	0.222%
77	21.616	3163	3167	3175	rBV2	130972	211681	6.87%	0.547%
78	22.045	3236	3240	3243	rBV	184368	206953	6.72%	0.535%
79	22.157	3256	3259	3263	rVB4	81622	94453	3.07%	0.244%
80	22.510	3315	3319	3324	rBV	225219	286938	9.32%	0.741%
81	22.974	3392	3398	3404	rBV	1714353	2887107	93.76%	7.457%
82	23.027	3404	3407	3413	rVB	256407	347982	11.30%	0.899%
83	23.104	3414	3420	3428	rVB	1022373	1792629	58.22%	4.630%
84	23.610	3502	3506	3513	rVB	203904	300775	9.77%	0.777%
85	23.680	3514	3518	3529	rVB3	136135	264058	8.58%	0.682%
86	24.274	3615	3619	3625	rVB	144321	267932	8.70%	0.692%

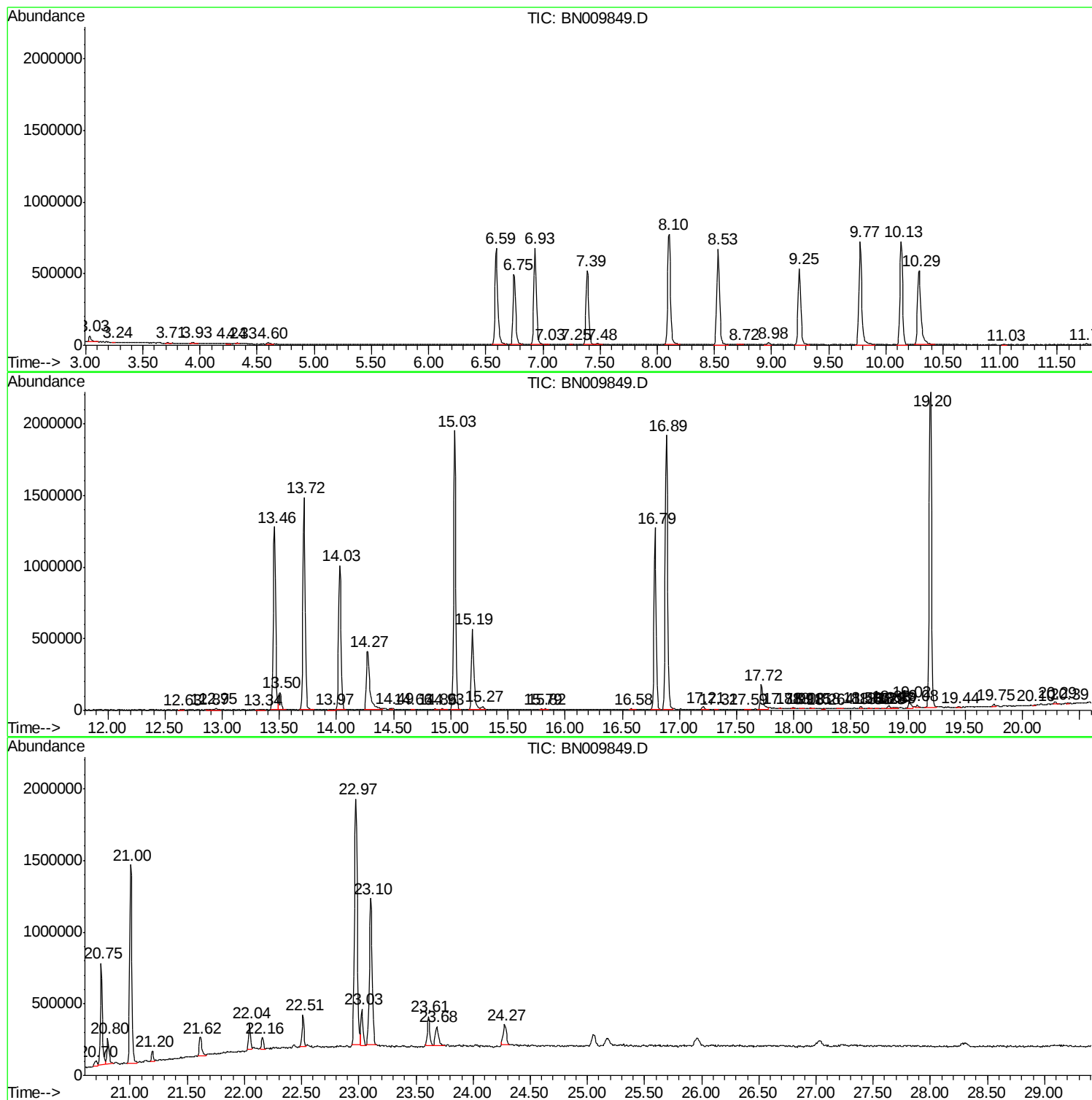
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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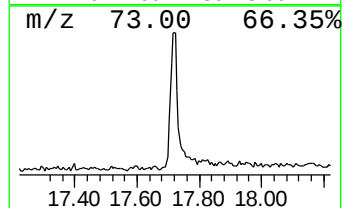
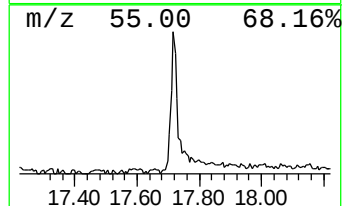
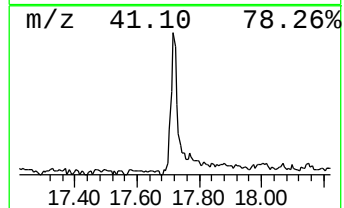
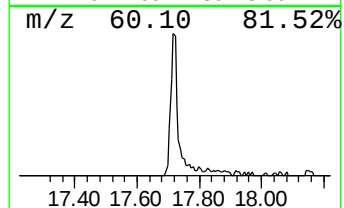
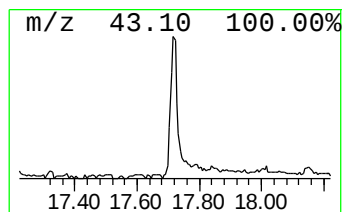
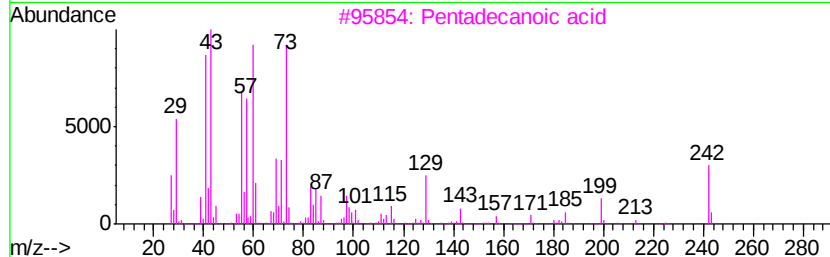
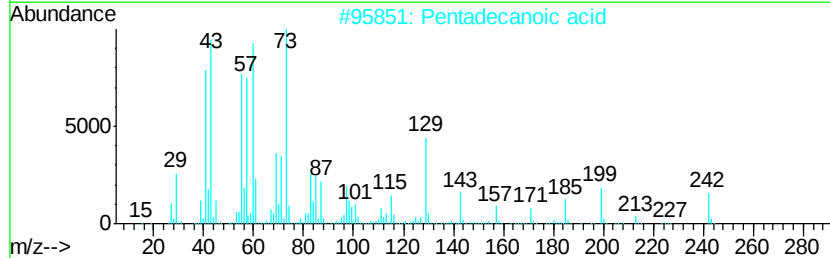
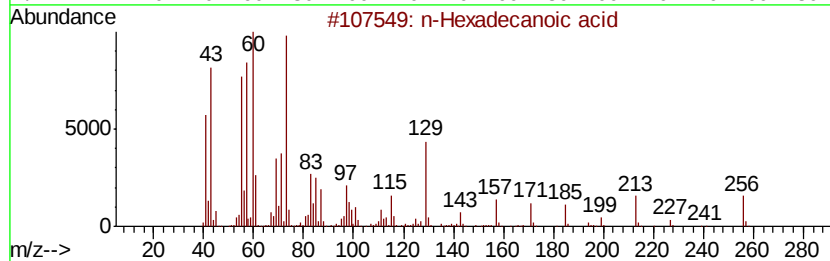
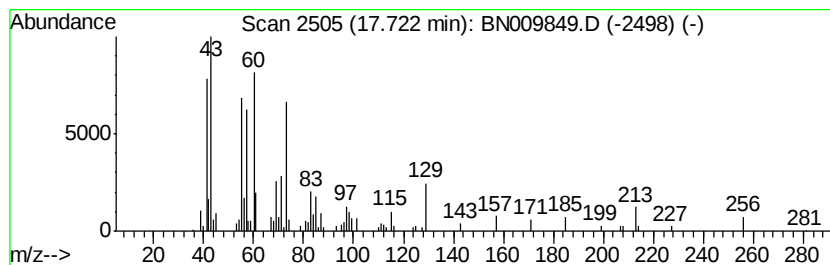
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.72	3.32 ng/ul	280657	Phenanthrene-d10	16.79		
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	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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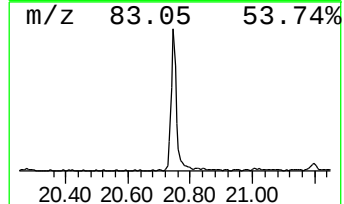
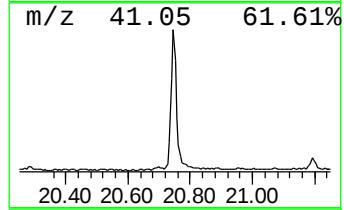
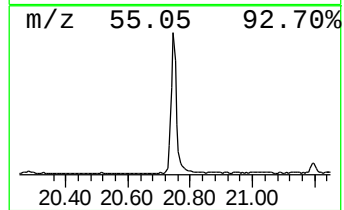
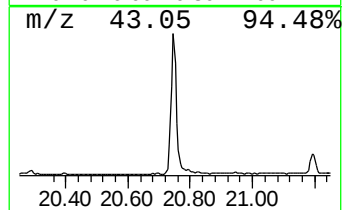
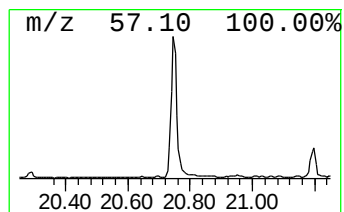
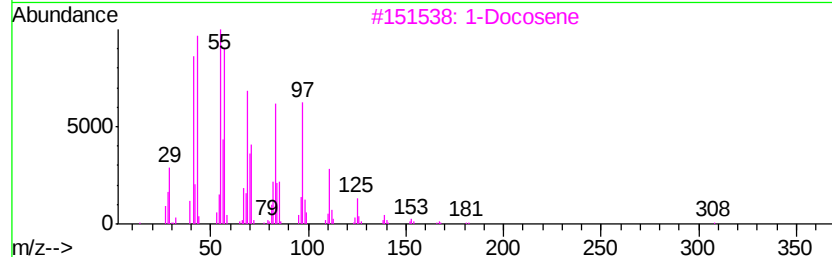
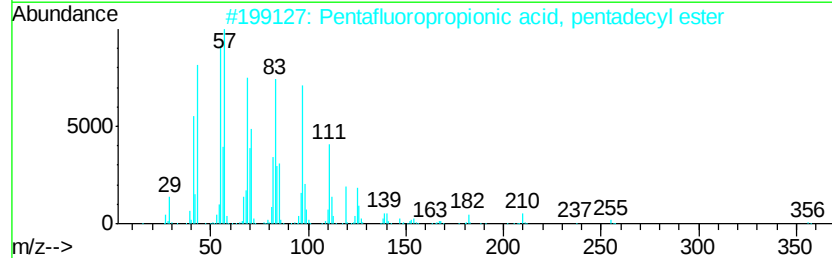
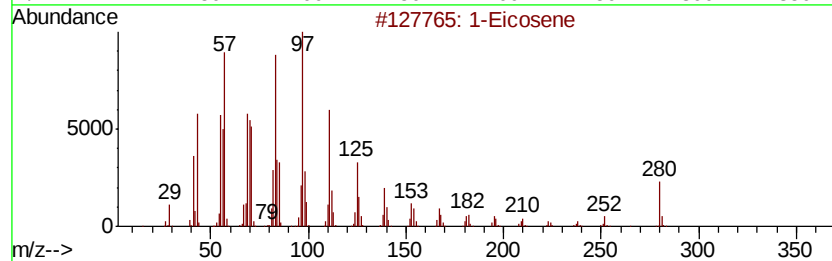
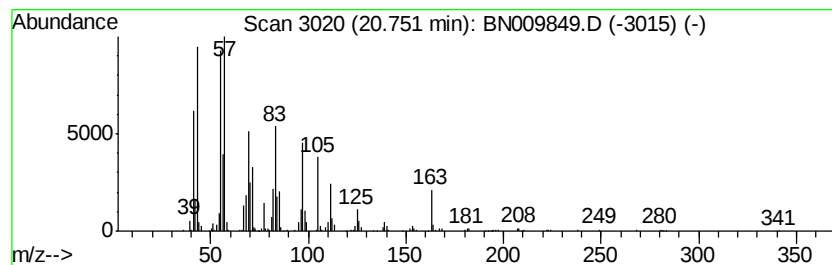
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	9.92 ng/ul	883747	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	92
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
3		1-Docosene	308	C22H44	001599-67-3	87
4		Behenic alcohol	326	C22H46O	000661-19-8	87
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87



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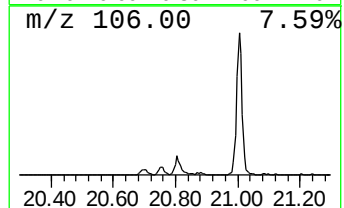
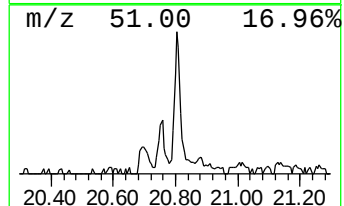
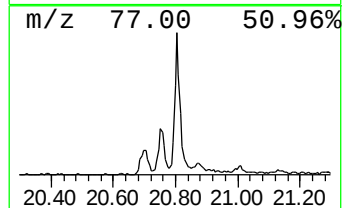
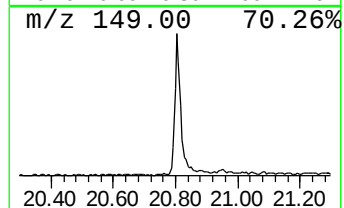
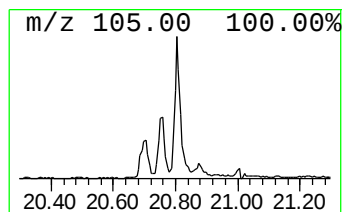
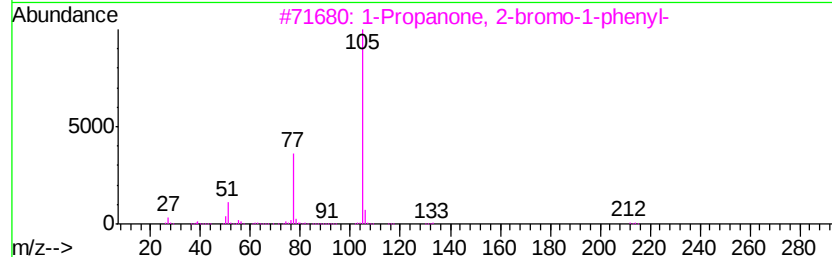
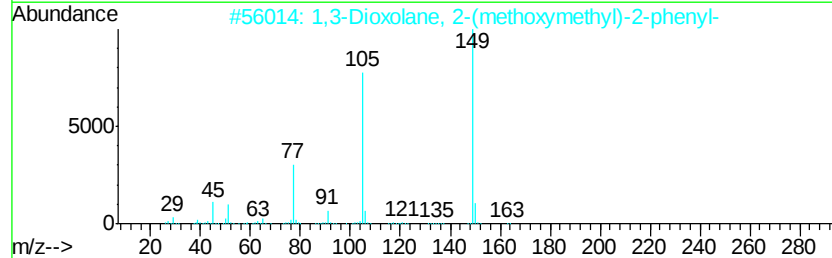
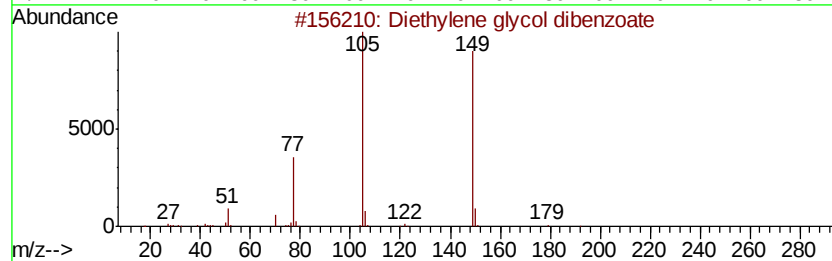
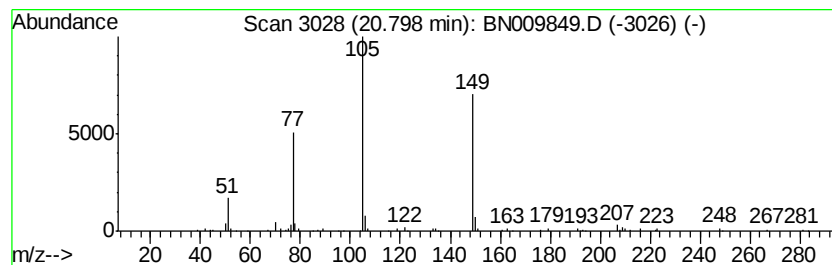
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.56 ng/ul	227932	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2		1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
3		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	46
4		Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
5		Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43



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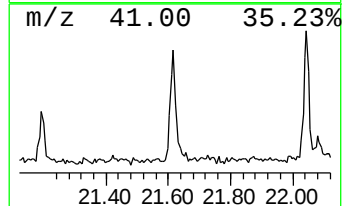
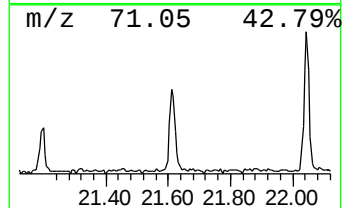
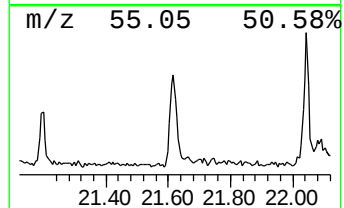
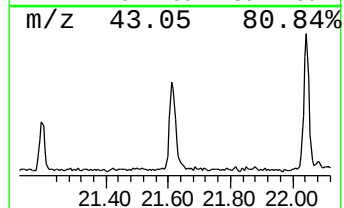
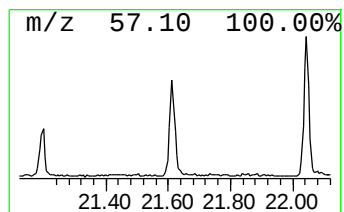
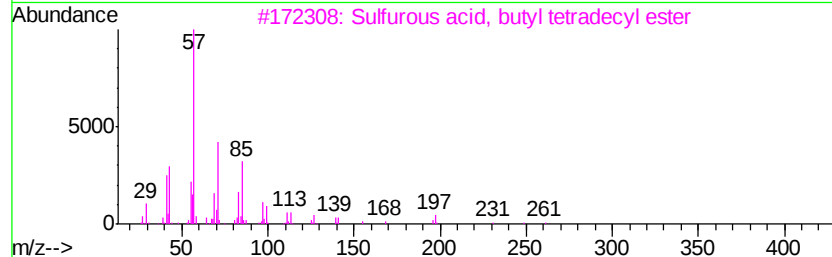
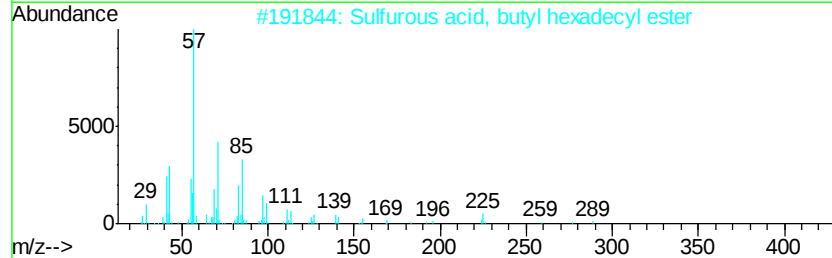
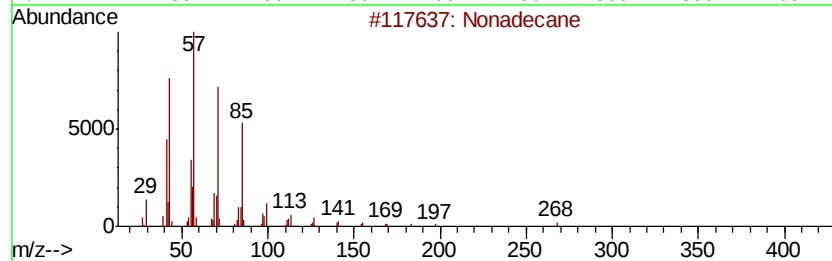
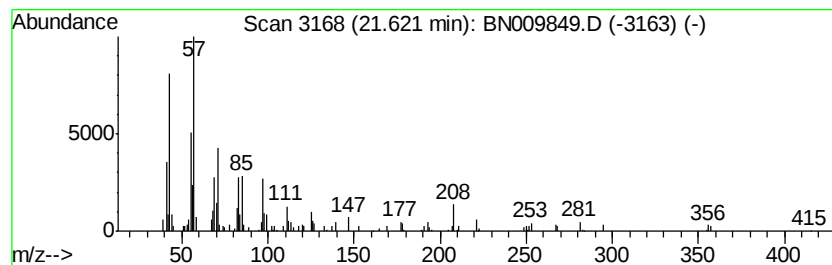
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.38 ng/ul	211681	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	70
2		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	68
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	68
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
Operator : CG/JU
Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD29

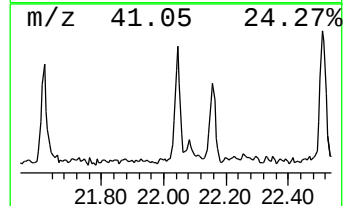
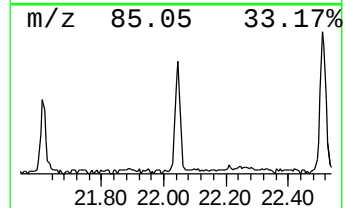
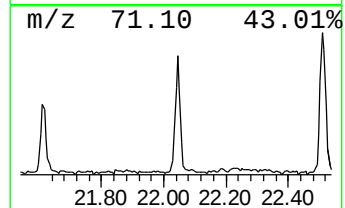
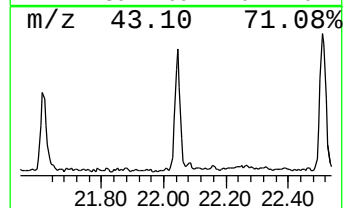
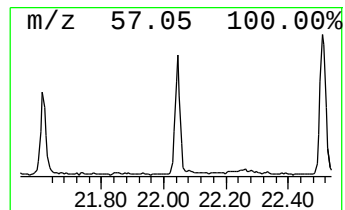
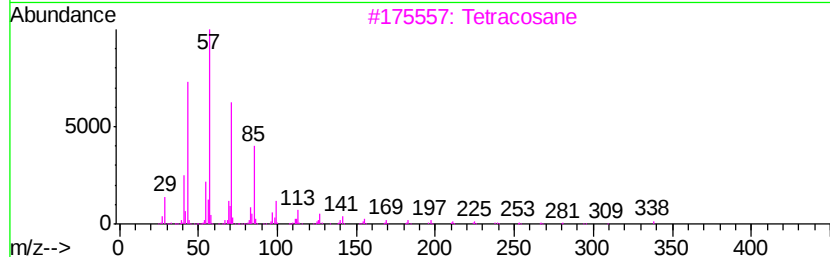
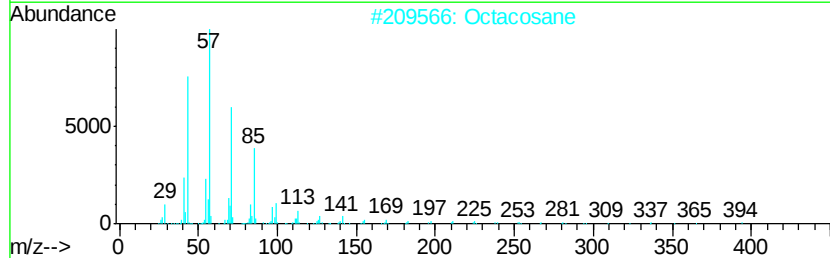
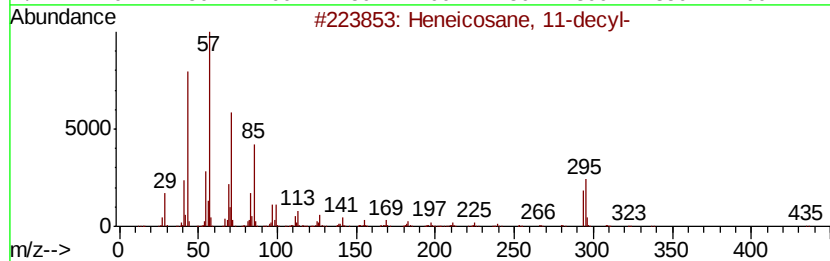
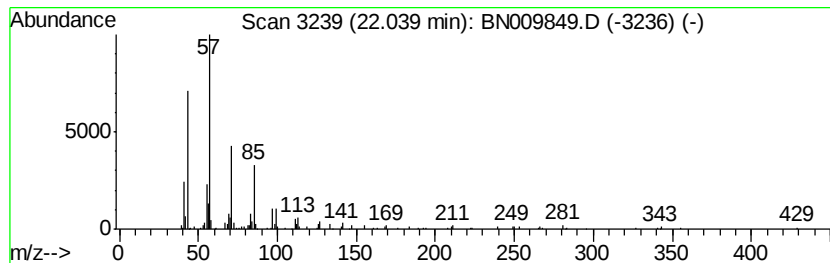
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.32 ng/ul	206953	Chrysene-d12	21.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
2		Octacosane	394	C28H58	000630-02-4	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Eicosane	282	C20H42	000112-95-8	74
5		Tetratetracontane	619	C44H90	007098-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
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Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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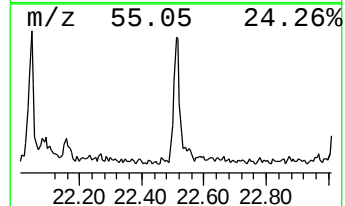
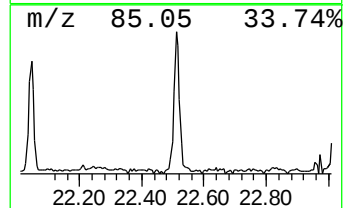
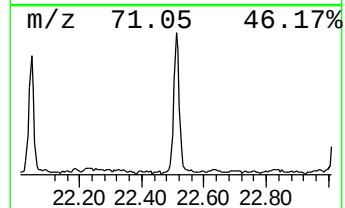
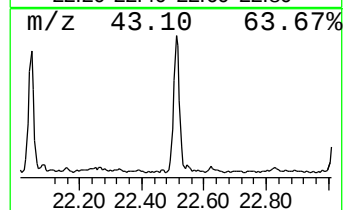
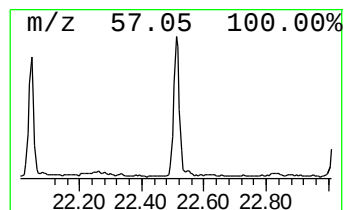
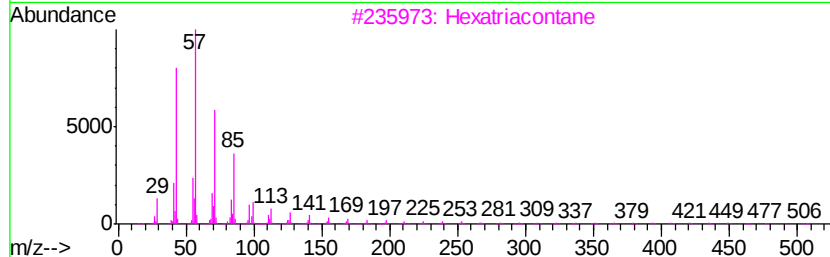
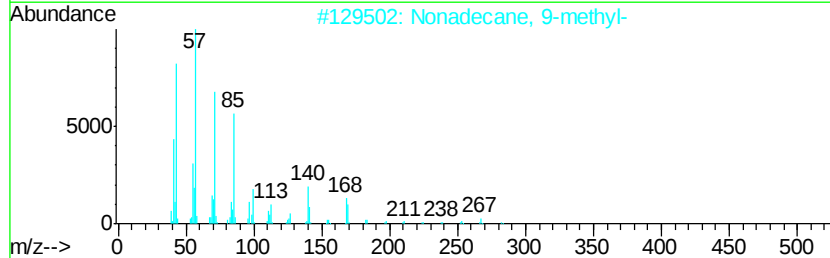
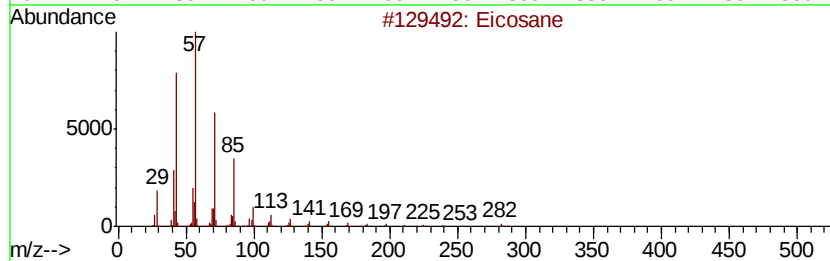
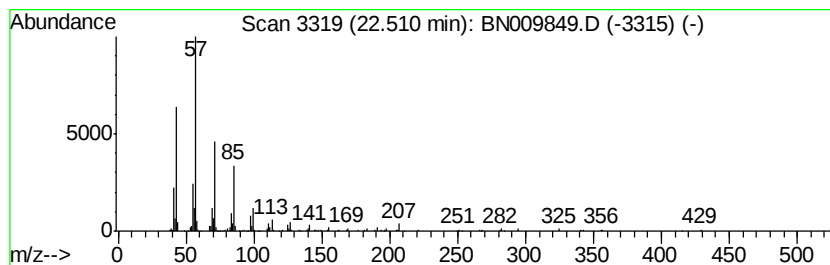
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Quant Title : SVOA CALIBRATION

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.
22.51	3.20 ng/ul	286938	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	83
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
Operator : CG/JU
Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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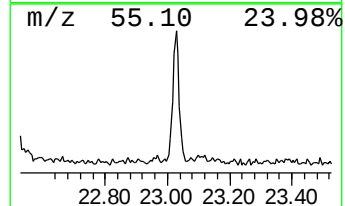
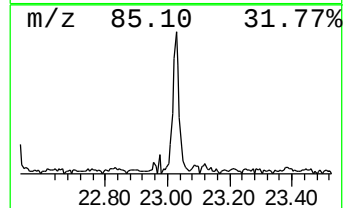
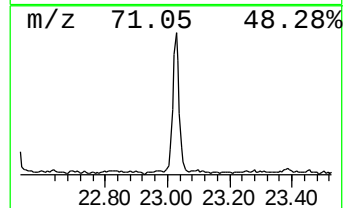
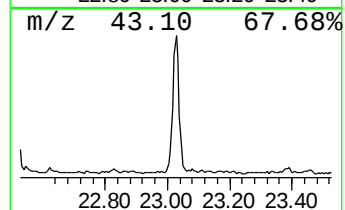
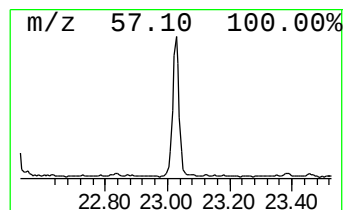
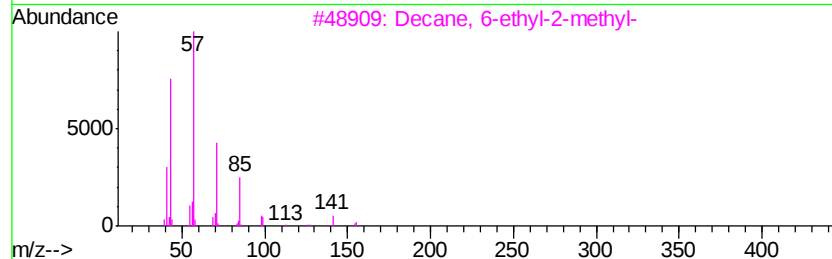
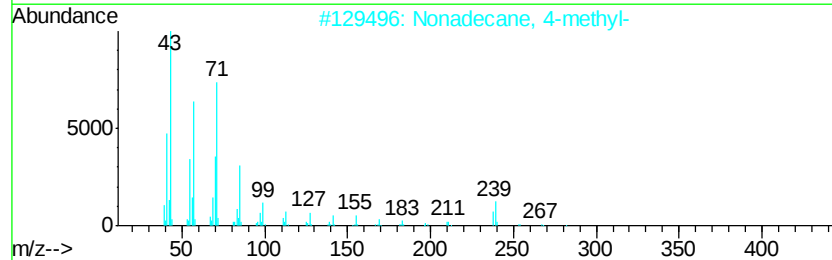
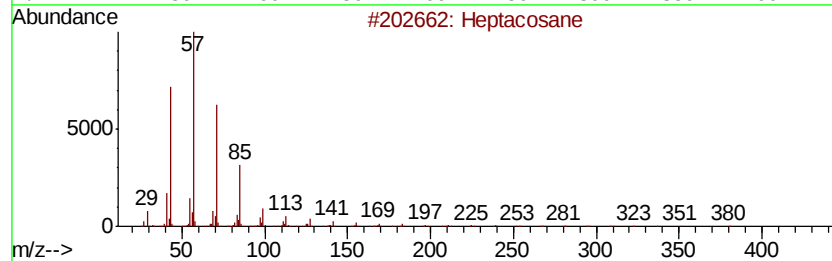
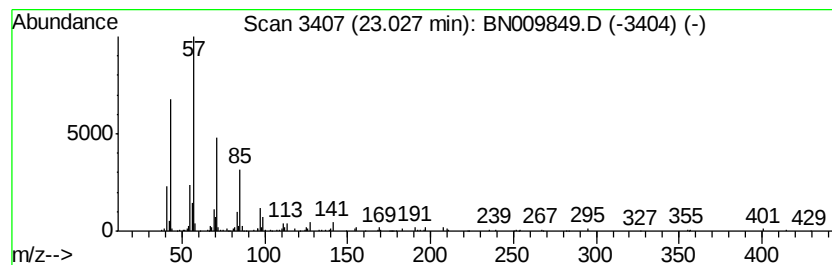
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.88 ng/ul	347982	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	81
2		Nonadecane, 4-methyl-	282	C20H42	025117-27-5	78
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
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Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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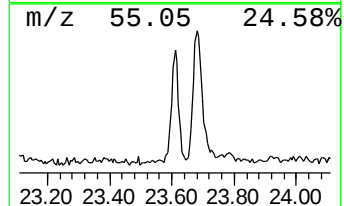
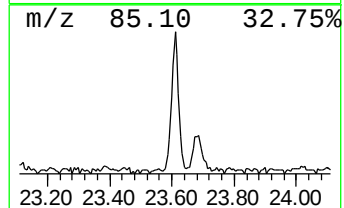
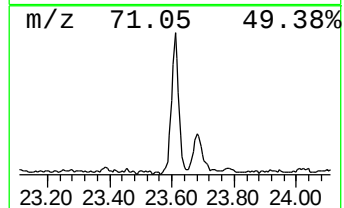
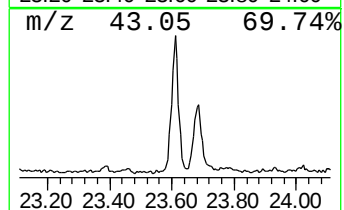
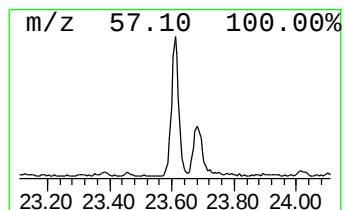
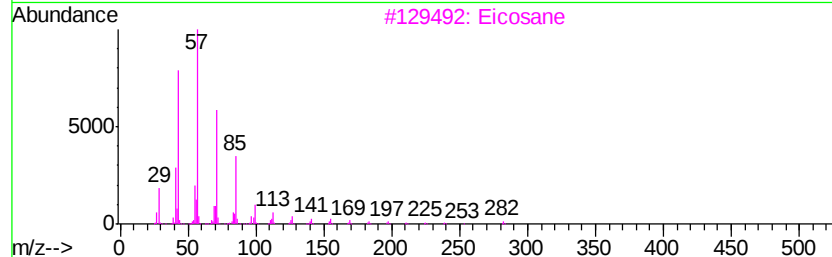
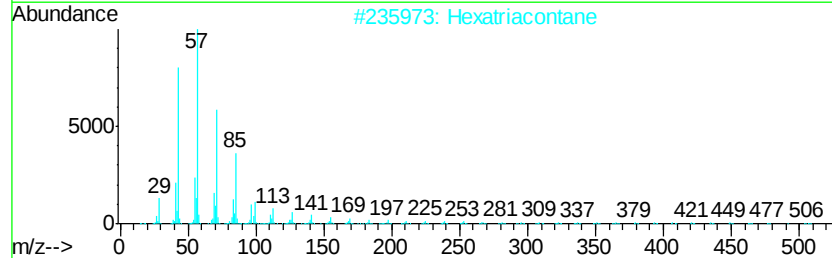
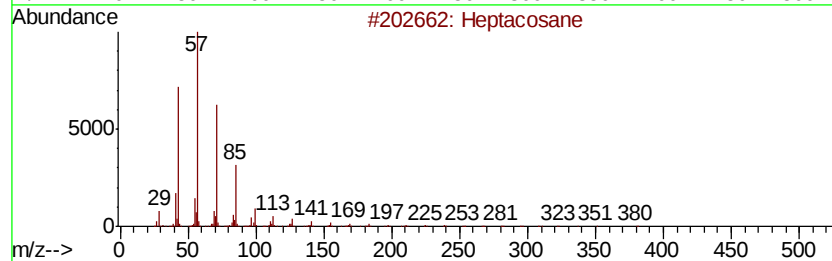
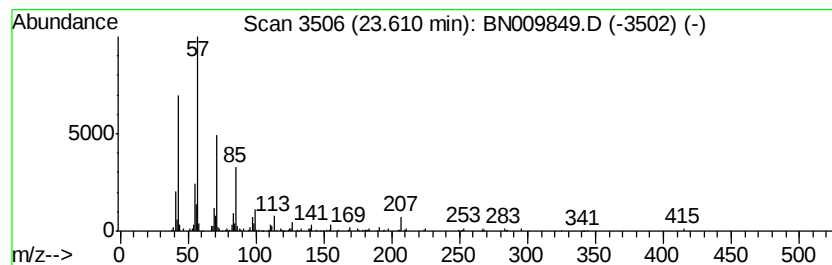
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.36 ng/ul	300775	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
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Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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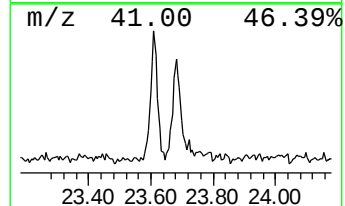
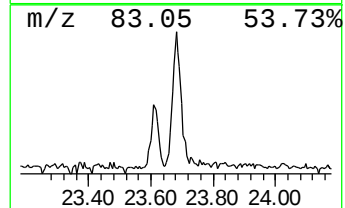
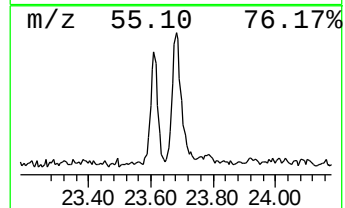
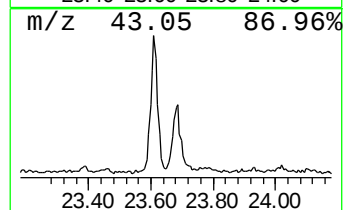
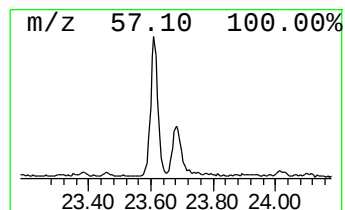
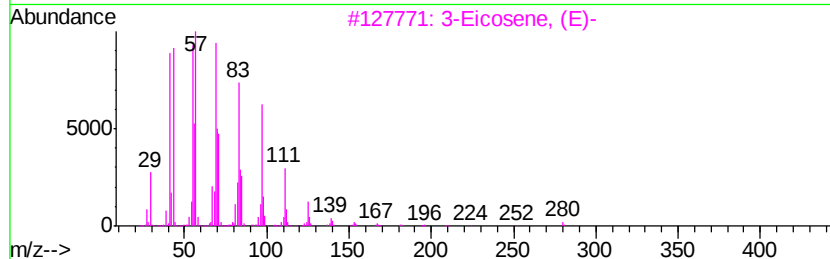
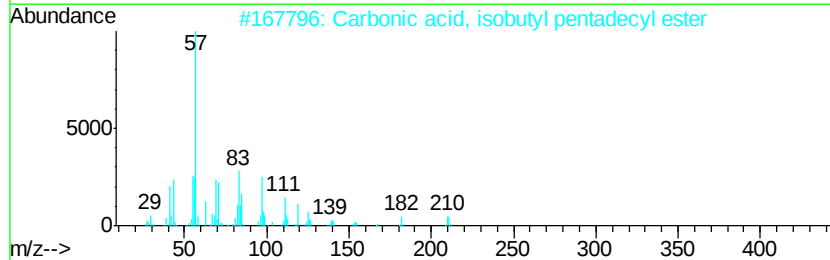
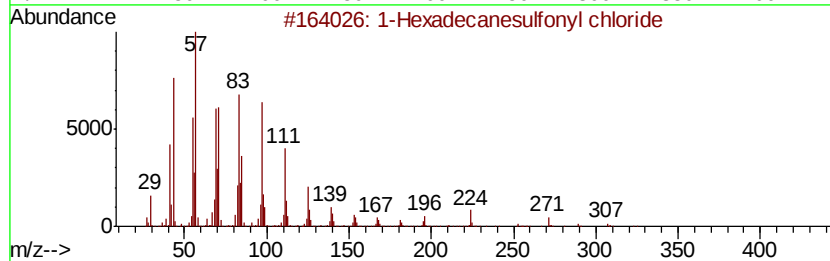
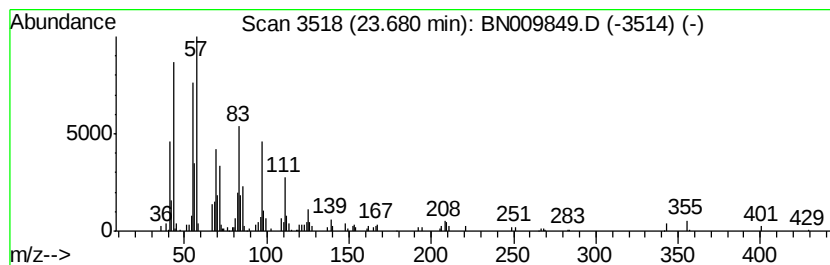
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Hexadecanesulfonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	2.95 ng/ul	264058	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
2		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	83
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	83
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	83
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
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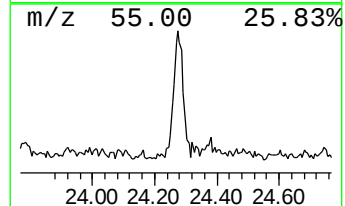
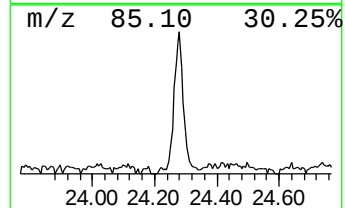
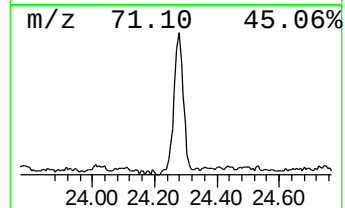
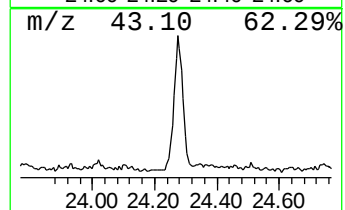
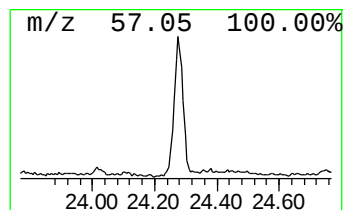
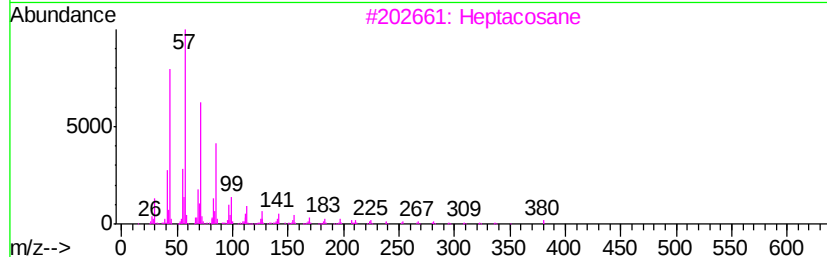
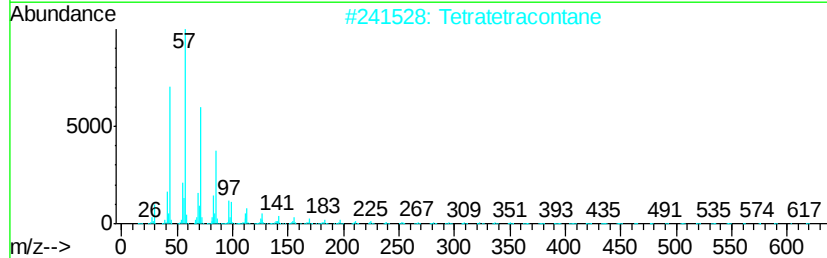
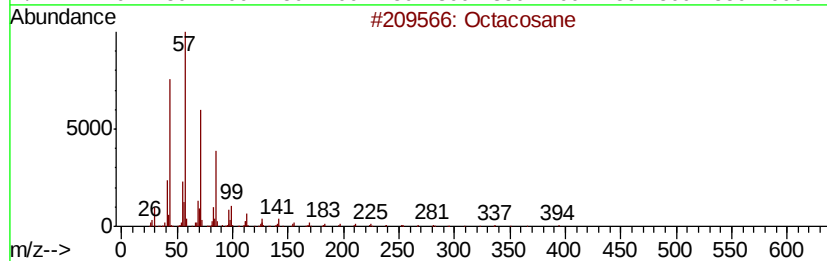
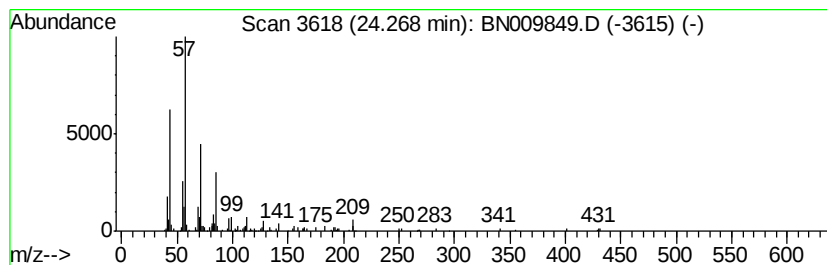
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.99 ng/ul	267932	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetratetracontane	619	C44H90	007098-22-8	76
3		Heptacosane	380	C27H56	000593-49-7	76
4		Hexacosane	366	C26H54	000630-01-3	76
5		Eicosane	282	C20H42	000112-95-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009849.D
Acq On : 22 Feb 2020 17:10
Operator : CG/JU
Sample : L1516-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD29

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	3.3	ng/ul	280657	4	16.79	1689420	20.0
(DEL) Alkane: Str...	20.75	9.9	ng/ul	883747	5	21.00	1782400	20.0
Diethylene glycol...	20.80	2.6	ng/ul	227932	5	21.00	1782400	20.0
(DEL) Alkane: Str...	21.62	2.4	ng/ul	211681	5	21.00	1782400	20.0
(DEL) Alkane: Str...	22.04	2.3	ng/ul	206953	5	21.00	1782400	20.0
(DEL) Alkane: Str...	22.51	3.2	ng/ul	286938	6	23.10	1792630	20.0
(DEL) Alkane: Str...	23.03	3.9	ng/ul	347982	6	23.10	1792630	20.0
(DEL) Alkane: Str...	23.61	3.4	ng/ul	300775	6	23.10	1792630	20.0
1-Hexadecanesulfo...	23.68	3.0	ng/ul	264058	6	23.10	1792630	20.0
(DEL) Alkane: Str...	24.27	3.0	ng/ul	267932	6	23.10	1792630	20.0