

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009937.D
 Acq On : 26 Feb 2020 20:31
 Operator : CG/JU
 Sample : L1612-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDL0

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	3.028	3	7	15	rVB	36419	51969	1.80%	0.153%
2	3.711	119	123	126	rBV5	4931	6288	0.22%	0.019%
3	4.593	269	273	275	rBV2	4558	6368	0.22%	0.019%
4	4.628	277	279	285	rVB3	5560	8339	0.29%	0.025%
5	6.587	603	612	625	rBV	563428	987077	34.18%	2.906%
6	6.740	632	638	652	rBV	424360	688459	23.84%	2.027%
7	6.834	652	654	658	rVB2	2687	3405	0.12%	0.010%
8	6.922	663	669	682	rVV	595094	953037	33.00%	2.806%
9	7.381	741	747	759	rBV	385913	627547	21.73%	1.847%
10	8.099	862	869	886	rBV	615523	1053474	36.48%	3.101%
11	8.528	935	942	955	rBV	570423	1015696	35.17%	2.990%
12	8.904	1001	1006	1009	rBV4	1774	3731	0.13%	0.011%
13	8.963	1011	1016	1020	rVV3	4872	7933	0.27%	0.023%
14	9.240	1056	1063	1073	rBV	480325	830852	28.77%	2.446%
15	9.769	1147	1153	1170	rBV	620038	1149490	39.81%	3.384%
16	10.128	1206	1214	1224	rBV	571851	912545	31.60%	2.686%
17	10.287	1234	1241	1261	rBV	431761	975950	33.80%	2.873%
18	11.028	1361	1367	1370	rVB3	2382	3441	0.12%	0.010%
19	11.757	1487	1491	1498	rVB4	6536	12886	0.45%	0.038%
20	12.940	1686	1692	1695	rBV3	7483	9551	0.33%	0.028%
21	13.345	1758	1761	1763	rBV3	2781	3129	0.11%	0.009%
22	13.451	1773	1779	1784	rVV	1167884	1690120	58.53%	4.975%
23	13.498	1784	1787	1796	rVB	89706	141153	4.89%	0.416%
24	13.710	1816	1823	1835	rBV	1356977	1949318	67.51%	5.738%
25	14.022	1870	1876	1887	rVB	831468	1200370	41.57%	3.534%
26	14.275	1913	1919	1937	rBV	305450	728815	25.24%	2.146%
27	14.463	1949	1951	1955	rVB3	2944	3942	0.14%	0.012%
28	14.857	2016	2018	2022	rBV3	2997	3631	0.13%	0.011%
29	14.916	2024	2028	2031	rBV4	5120	6714	0.23%	0.020%
30	15.028	2041	2047	2058	rBV	1719490	2408935	83.42%	7.091%
31	15.186	2069	2074	2086	rBV	438886	771983	26.73%	2.273%
32	15.269	2086	2088	2094	rVB3	23405	32103	1.11%	0.095%
33	15.786	2173	2176	2178	rBV4	4543	3717	0.13%	0.011%
34	15.816	2178	2181	2184	rVV4	3352	3444	0.12%	0.010%

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35	15.951	2199	2204	2207	rBV4	3063	4544	0.16%	0.013%
36	16.133	2232	2235	2237	rBV4	2681	2915	0.10%	0.009%
37	16.528	2299	2302	2306	rVB4	2531	3416	0.12%	0.010%
38	16.581	2306	2311	2316	rBV5	5528	9386	0.33%	0.028%
39	16.780	2339	2345	2355	rVB	1018159	1396242	48.35%	4.110%
40	16.880	2356	2362	2377	rBV	1797451	2552230	88.39%	7.513%
41	17.028	2384	2387	2389	rVB3	4079	3889	0.13%	0.011%
42	17.210	2413	2418	2419	rBV4	4674	5884	0.20%	0.017%
43	17.710	2498	2503	2512	rBV	116906	177181	6.14%	0.522%
44	17.775	2512	2514	2517	rVB3	2365	3812	0.13%	0.011%
45	18.275	2596	2599	2601	rBV4	3924	4172	0.14%	0.012%
46	18.622	2654	2658	2661	rVB4	4347	6273	0.22%	0.018%
47	18.827	2689	2693	2697	rBV2	15107	21608	0.75%	0.064%
48	18.886	2701	2703	2707	rVV4	3239	3626	0.13%	0.011%
49	19.010	2720	2724	2732	rVB4	26080	33967	1.18%	0.100%
50	19.074	2732	2735	2743	rBV	16282	22557	0.78%	0.066%
51	19.192	2749	2755	2766	rBV	2092948	2887608	100.00%	8.501%
52	19.463	2797	2801	2802	rBV4	3387	4306	0.15%	0.013%
53	19.745	2846	2849	2853	rBV5	19329	24574	0.85%	0.072%
54	19.780	2853	2855	2858	rVV4	4419	5068	0.18%	0.015%
55	20.110	2907	2911	2913	rBV3	5577	7666	0.27%	0.023%
56	20.169	2917	2921	2922	rVV3	6999	8482	0.29%	0.025%
57	20.280	2935	2940	2944	rVB7	12925	23009	0.80%	0.068%
58	20.739	3014	3018	3027	rBV	682070	833722	28.87%	2.454%
59	20.804	3027	3029	3035	rVB2	23515	29185	1.01%	0.086%
60	21.004	3058	3063	3070	rBV2	1132890	1506782	52.18%	4.436%
61	21.192	3091	3095	3100	rBV	54573	70882	2.45%	0.209%
62	21.610	3162	3166	3172	rBV3	91945	152193	5.27%	0.448%
63	22.039	3235	3239	3243	rBV2	128544	164304	5.69%	0.484%
64	22.504	3314	3318	3322	rBV	171702	222199	7.69%	0.654%
65	22.974	3391	3398	3403	rBV	1670169	2793196	96.73%	8.223%
66	23.021	3403	3406	3412	rVV	216795	314905	10.91%	0.927%
67	23.104	3414	3420	3432	rVB	842082	1571545	54.42%	4.626%
68	23.604	3500	3505	3511	rVB	162779	279010	9.66%	0.821%
69	23.674	3513	3517	3527	rVB	178163	341410	11.82%	1.005%
70	24.268	3613	3618	3624	rVB	124162	222300	7.70%	0.654%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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

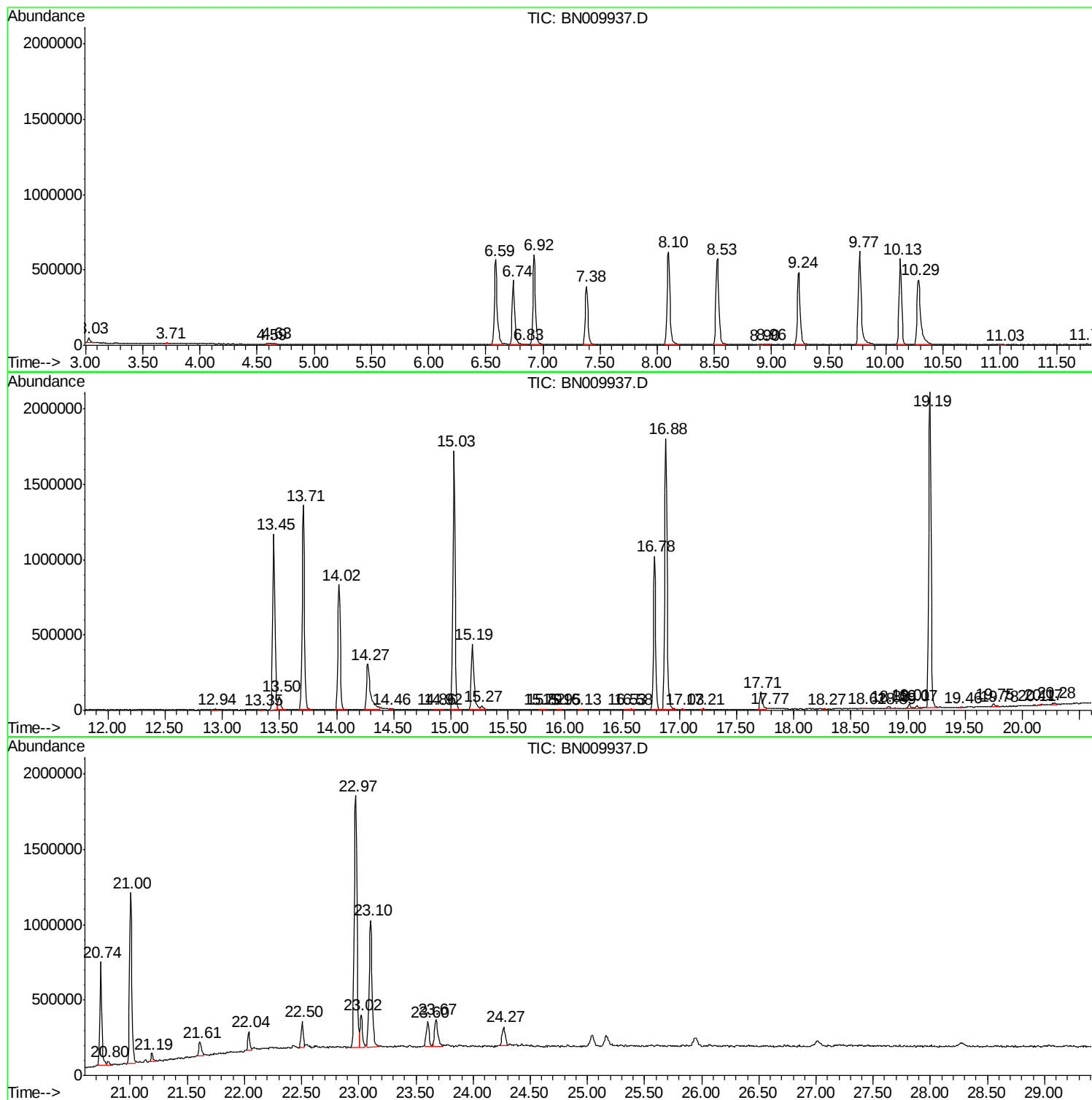
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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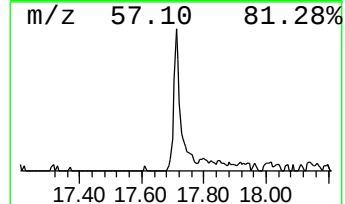
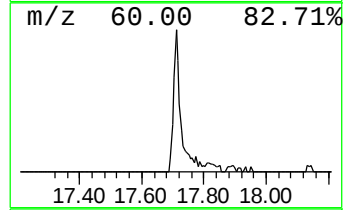
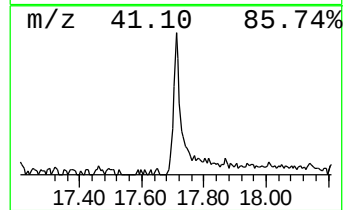
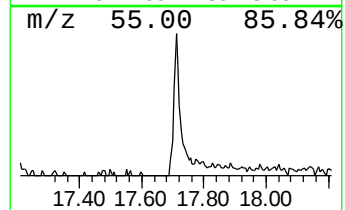
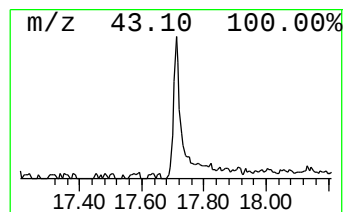
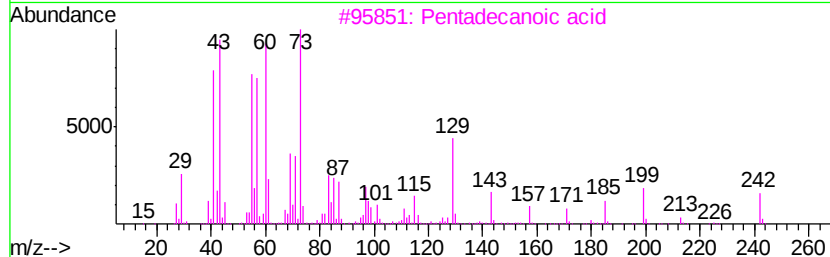
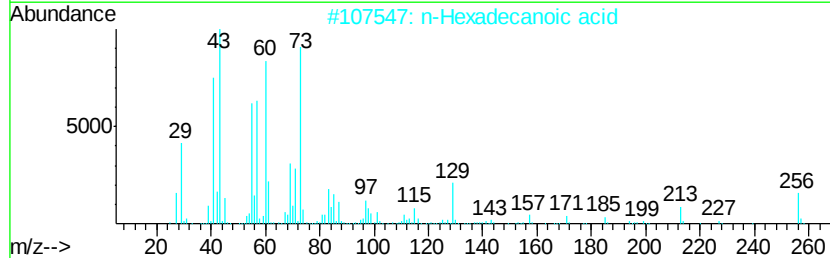
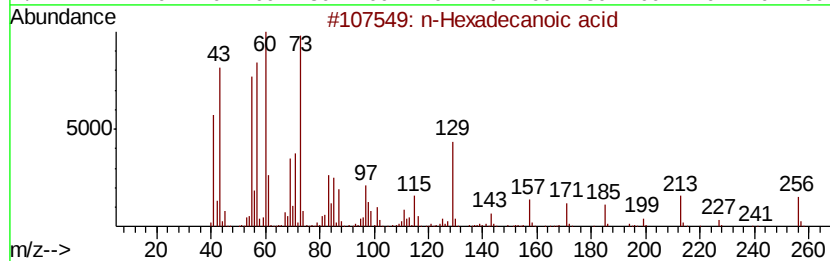
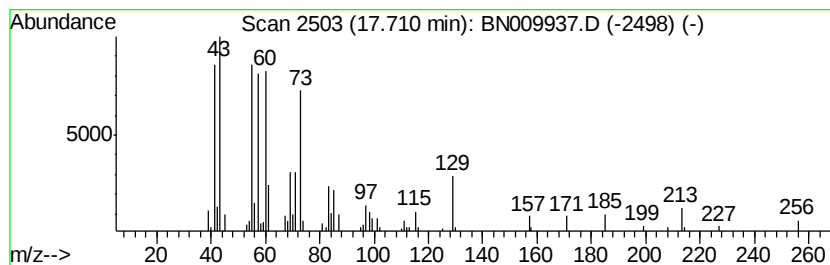
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.71	2.54 ng/ul	177181	Phenanthrene-d10	16.78	
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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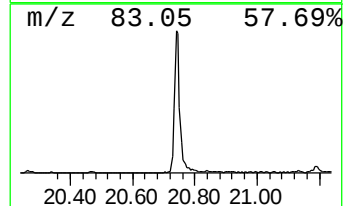
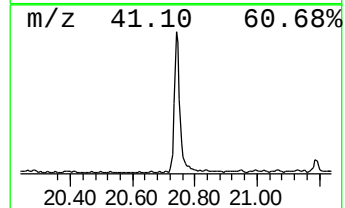
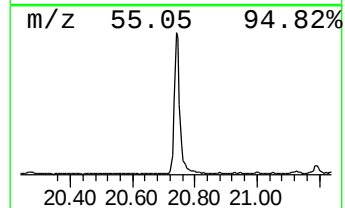
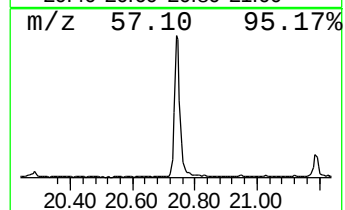
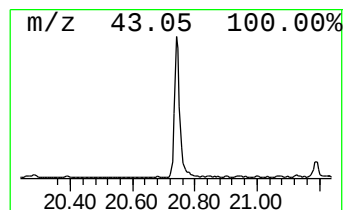
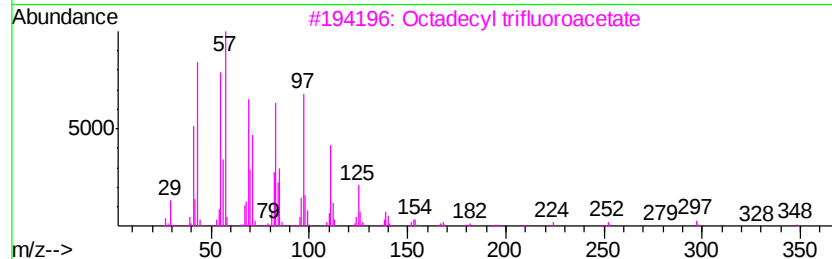
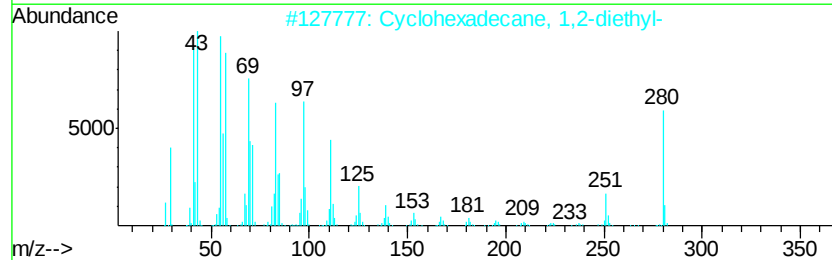
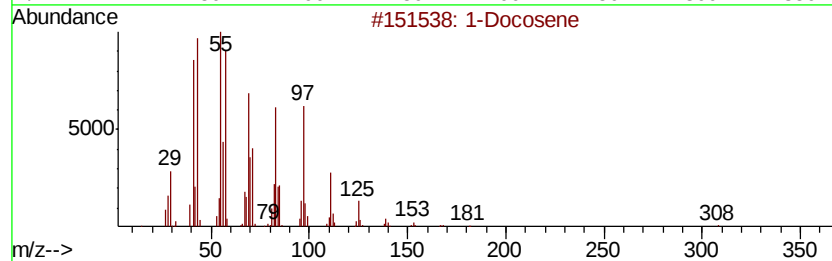
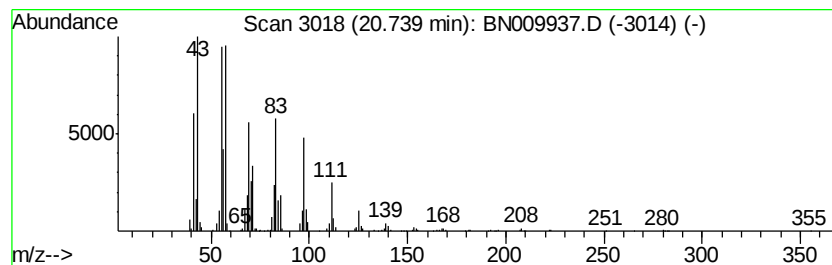
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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.
20.74	11.07 ng/ul	833722	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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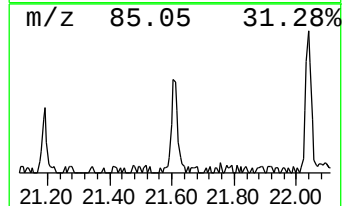
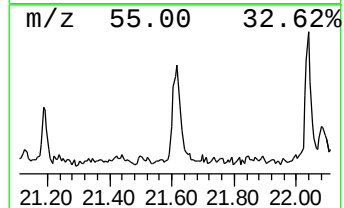
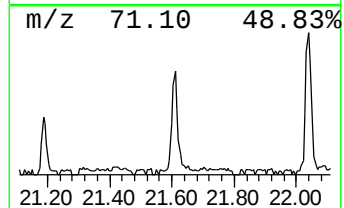
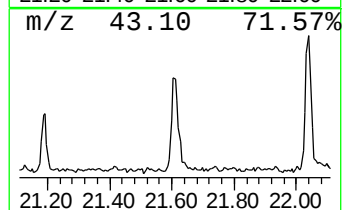
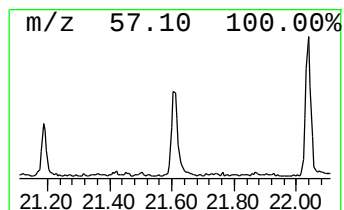
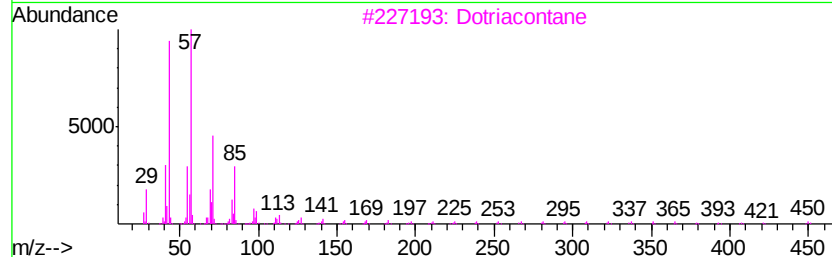
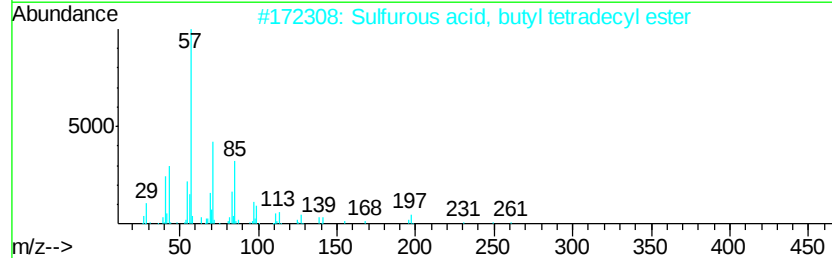
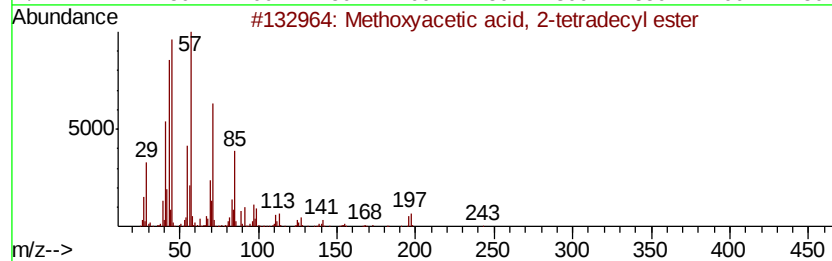
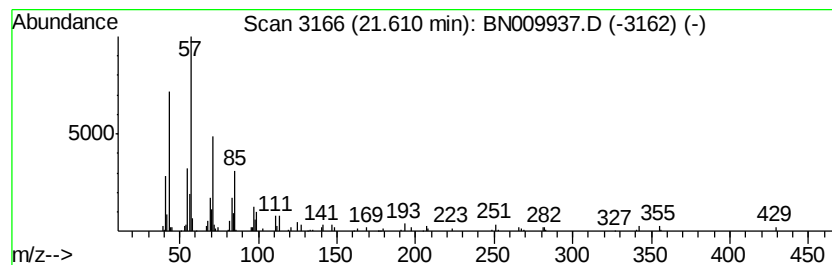
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Methoxyacetic acid, 2-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.02 ng/ul	152193	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
3		Dotriacontane	451	C32H66	000544-85-4	86
4		1-Chloroeicosane	316	C20H41Cl	042217-02-7	86
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86



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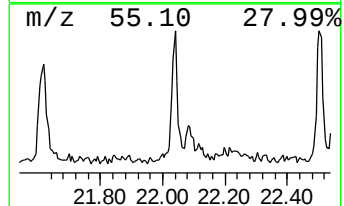
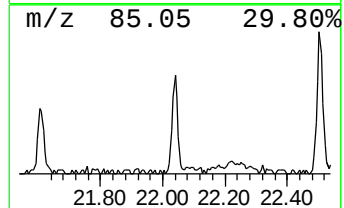
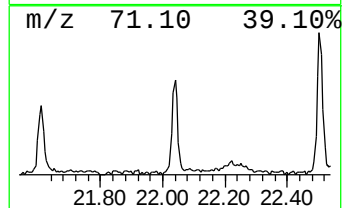
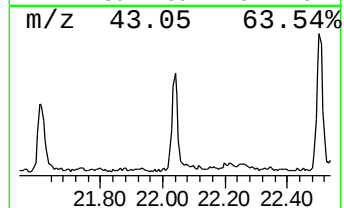
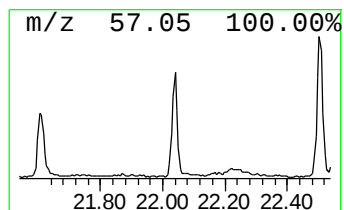
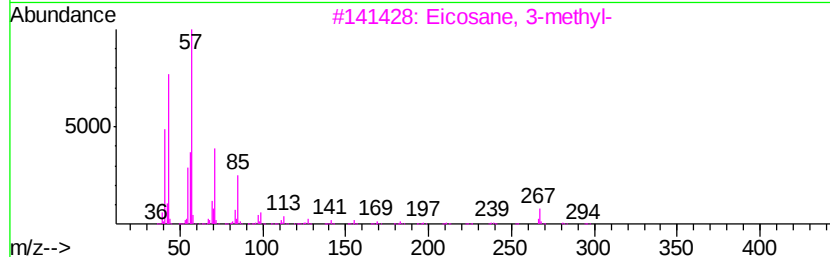
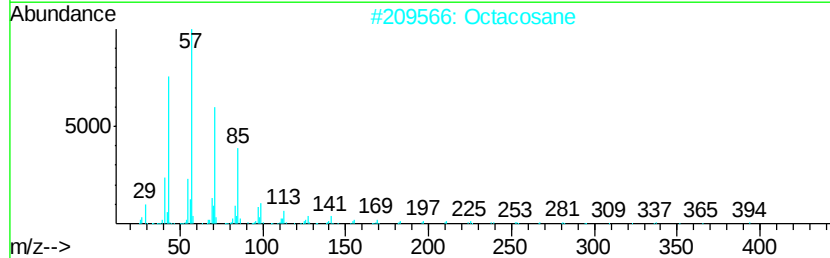
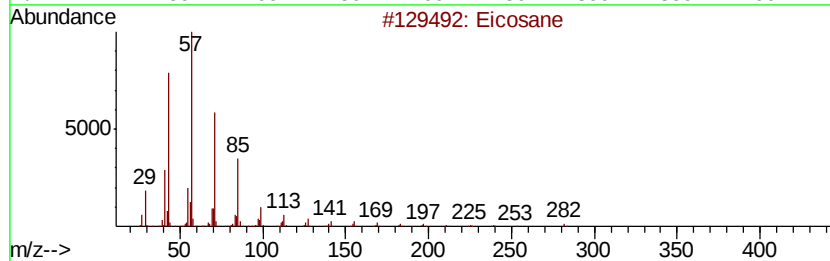
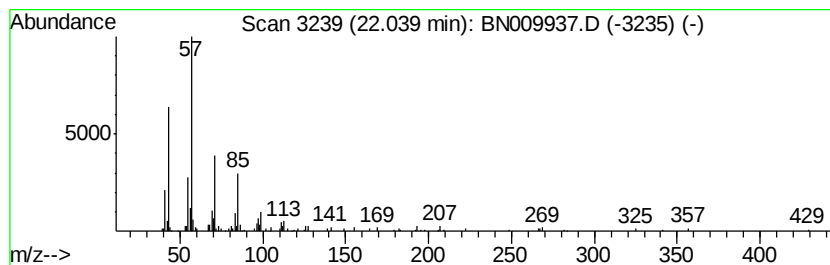
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Quant Title : SVOA CALIBRATION

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.
22.04	2.18 ng/ul	164304	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	81
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72



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Acq On : 26 Feb 2020 20:31
Operator : CG/JU
Sample : L1612-08
Misc :
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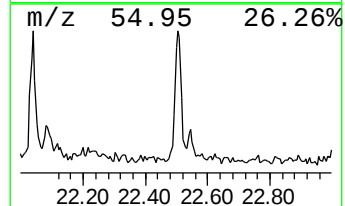
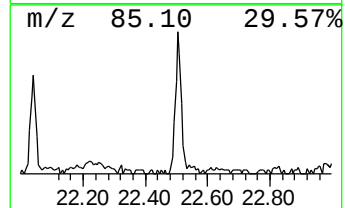
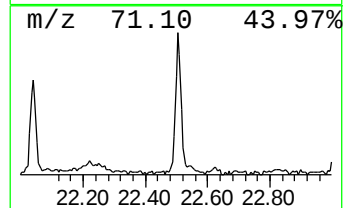
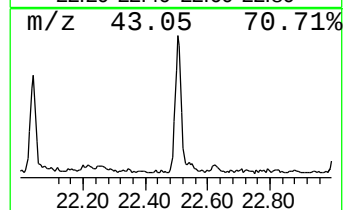
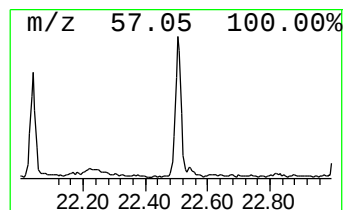
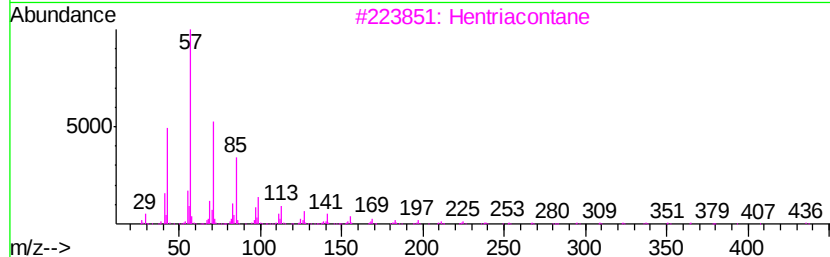
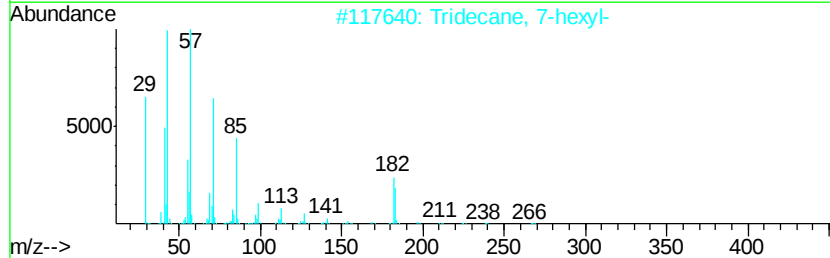
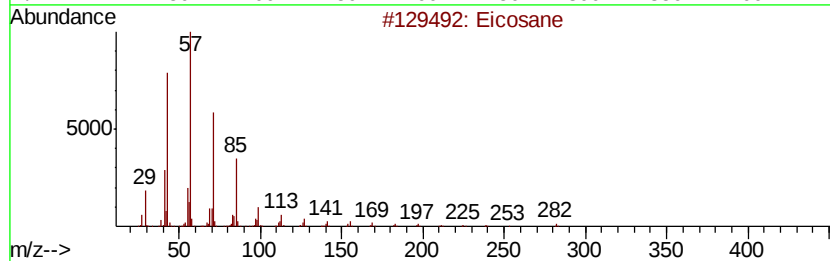
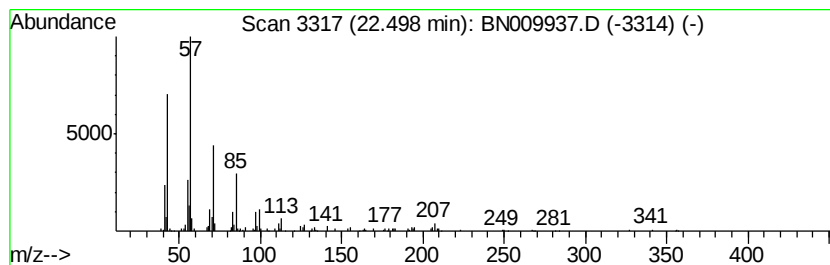
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.50	2.83 ng/ul	222199	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
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Acq On : 26 Feb 2020 20:31
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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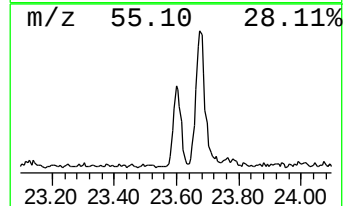
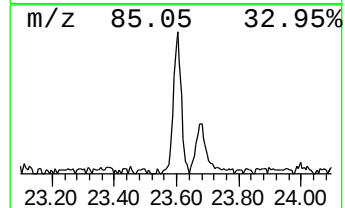
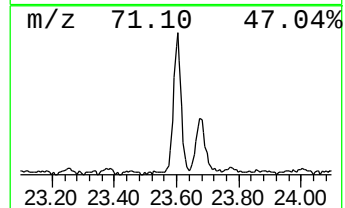
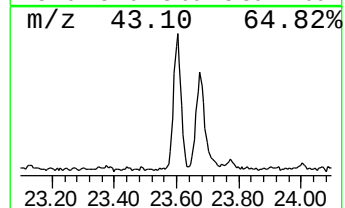
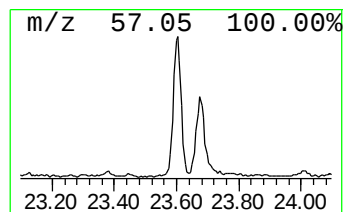
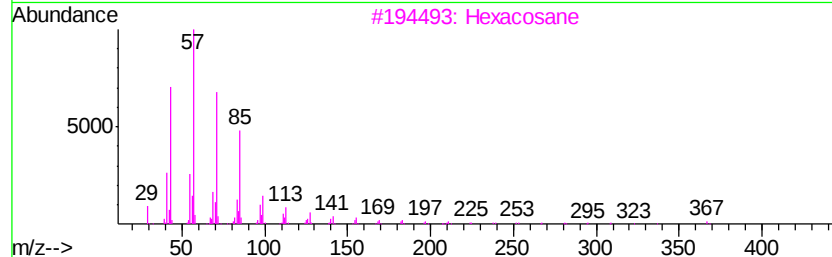
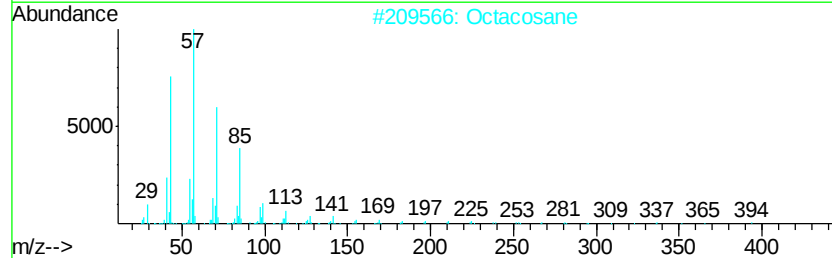
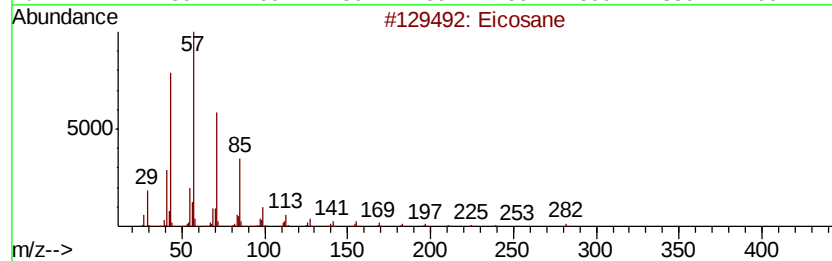
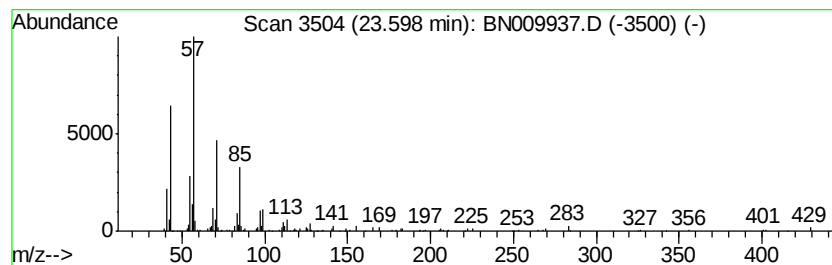
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.55 ng/ul	279010	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	87
3		Hexacosane	366	C26H54	000630-01-3	81
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009937.D
Acq On : 26 Feb 2020 20:31
Operator : CG/JU
Sample : L1612-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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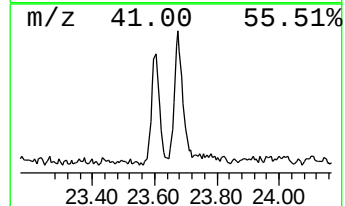
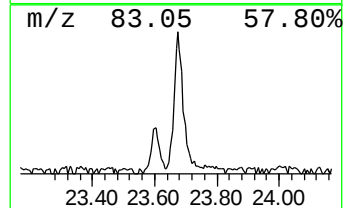
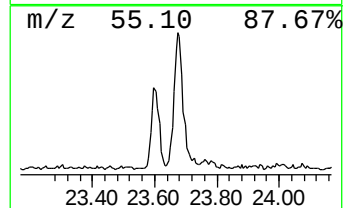
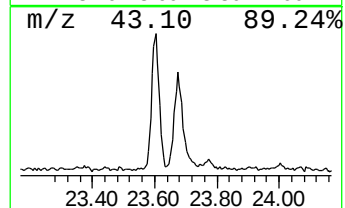
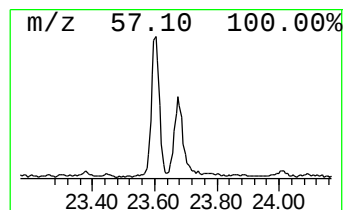
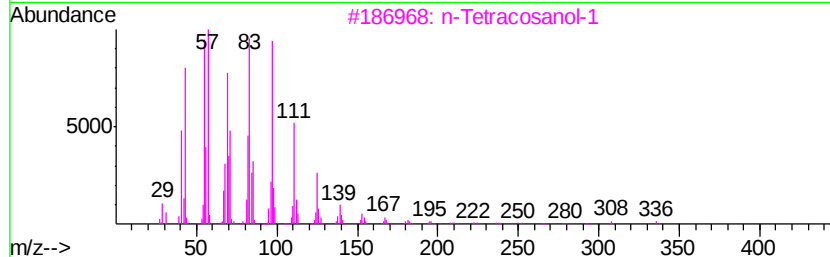
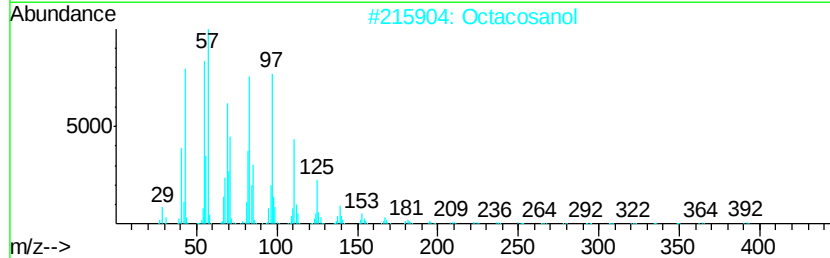
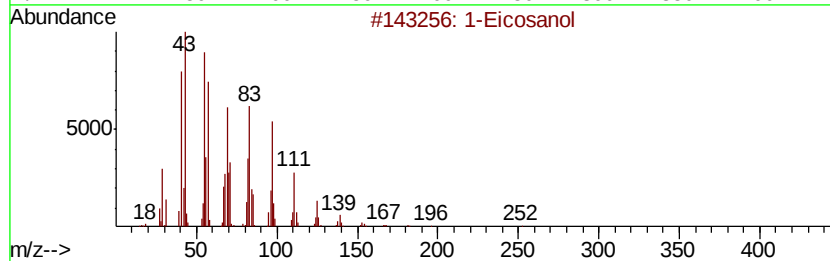
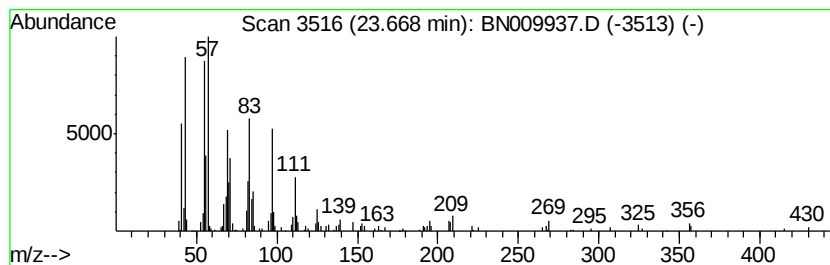
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Eicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.34 ng/ul	341410	Perylene-d12	23.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosanol	298	C20H42O	000629-96-9	91
2			Octacosanol	410	C28H58O	000557-61-9	91
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
Data File : BN009937.D
Acq On : 26 Feb 2020 20:31
Operator : CG/JU
Sample : L1612-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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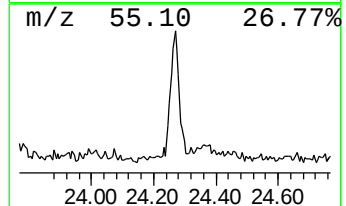
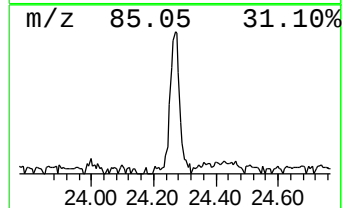
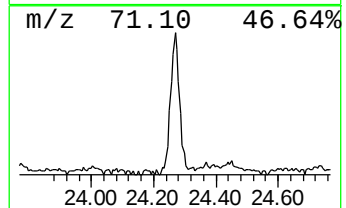
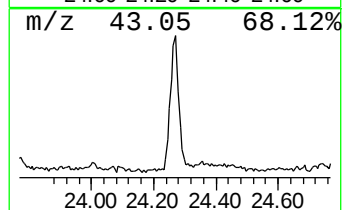
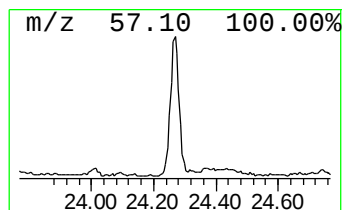
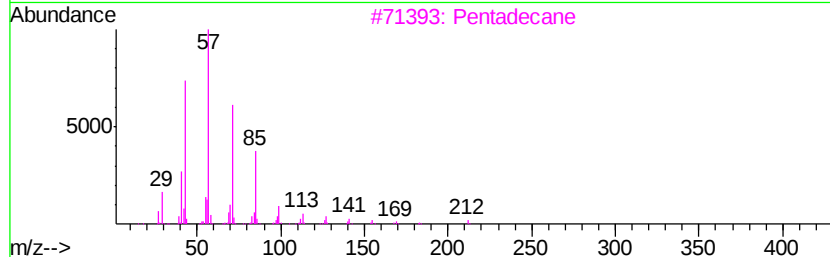
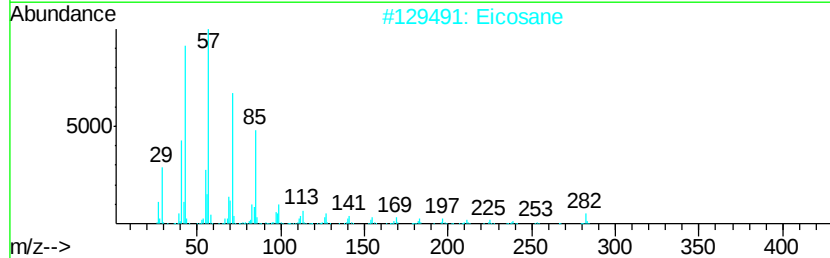
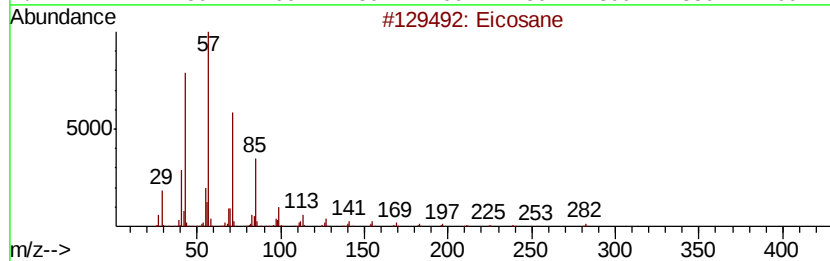
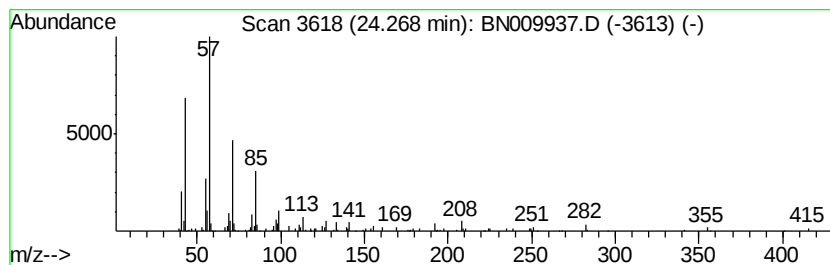
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.83 ng/ul	222300	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	89
3		Pentadecane	212	C15H32	000629-62-9	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Octacosane	394	C28H58	000630-02-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
 Data File : BN009937.D
 Acq On : 26 Feb 2020 20:31
 Operator : CG/JU
 Sample : L1612-08
 Misc :
 ALS Vial : 18 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	17.71	2.5	ng/ul	177181	4	16.78	1396240	20.0
(DEL) Alkane: Str...	20.74	11.1	ng/ul	833722	5	21.00	1506780	20.0
Methoxyacetic aci...	21.61	2.0	ng/ul	152193	5	21.00	1506780	20.0
(DEL) Alkane: Str...	22.04	2.2	ng/ul	164304	5	21.00	1506780	20.0
(DEL) Alkane: Str...	22.50	2.8	ng/ul	222199	6	23.10	1571550	20.0
(DEL) Alkane: Str...	23.60	3.5	ng/ul	279010	6	23.10	1571550	20.0
1-Eicosanol	23.67	4.3	ng/ul	341410	6	23.10	1571550	20.0
(DEL) Alkane: Str...	24.27	2.8	ng/ul	222300	6	23.10	1571550	20.0