

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014336.D
 Acq On : 23 Feb 2018 18:20
 Operator : SJ/JU
 Sample : J1631-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE604

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	6.722	629	635	648	rVV	395926	757258	20.06%	1.805%
2	6.881	655	662	668	rBV	323127	512974	13.59%	1.222%
3	7.063	687	693	705	rBV	495945	808119	21.40%	1.926%
4	7.528	765	772	785	rBV	362726	634598	16.81%	1.512%
5	8.245	887	894	908	rBV	585766	1055857	27.96%	2.516%
6	8.686	962	969	980	rBV	509328	915044	24.23%	2.181%
7	9.398	1083	1090	1105	rBV	463015	848072	22.46%	2.021%
8	9.933	1175	1181	1192	rBV	573353	1083182	28.69%	2.581%
9	10.292	1235	1242	1252	rBV	536584	922482	24.43%	2.198%
10	10.451	1263	1269	1289	rBV	467911	1063997	28.18%	2.536%
11	13.604	1797	1805	1810	rBV	1288128	1903364	50.41%	4.536%
12	13.651	1810	1813	1824	rVB	177947	302661	8.02%	0.721%
13	13.868	1844	1850	1862	rBV	1466247	2195833	58.16%	5.233%
14	14.092	1882	1888	1892	rVB3	32628	45754	1.21%	0.109%
15	14.180	1897	1903	1914	rVV2	825052	1281605	33.94%	3.054%
16	14.439	1941	1947	1961	rBV3	249281	691825	18.32%	1.649%
17	15.045	2046	2050	2056	rBV	48570	65087	1.72%	0.155%
18	15.186	2066	2074	2085	rBV	1900922	2646557	70.09%	6.307%
19	15.339	2094	2100	2112	rBV	511656	884530	23.43%	2.108%
20	15.433	2112	2116	2124	rVB5	31609	65240	1.73%	0.155%
21	15.909	2194	2197	2201	rBV2	48298	68491	1.81%	0.163%
22	16.709	2328	2333	2336	rBV2	28454	41158	1.09%	0.098%
23	16.939	2366	2372	2380	rBV	1180384	1606739	42.55%	3.829%
24	17.039	2383	2389	2401	rVV2	1964940	2970025	78.66%	7.078%
25	17.851	2522	2527	2536	rBV2	262905	413704	10.96%	0.986%
26	18.992	2716	2721	2725	rBV2	39138	68312	1.81%	0.163%
27	19.139	2741	2746	2752	rBV	268354	424894	11.25%	1.013%
28	19.239	2760	2763	2768	rVB2	37037	49901	1.32%	0.119%
29	19.345	2775	2781	2790	rBV	2347135	3296380	87.30%	7.855%
30	20.874	3037	3041	3051	rBV	60746	132232	3.50%	0.315%
31	21.150	3083	3088	3098	rBV	1232466	1745534	46.23%	4.160%
32	22.291	3280	3282	3286	rVB4	77344	85165	2.26%	0.203%
33	22.656	3341	3344	3349	rVB4	85096	113091	3.00%	0.270%
34	23.185	3426	3434	3445	rBV2	1519465	2892977	76.62%	6.894%

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35	23.321	3451	3457	3466	rVB2	694681	1350724	35.77%	3.219%
36	23.485	3481	3485	3489	rVB5	72294	117582	3.11%	0.280%
37	23.803	3535	3539	3544	rBV4	94981	154843	4.10%	0.369%
38	24.262	3612	3617	3625	rVB2	173410	358169	9.49%	0.854%
39	24.503	3656	3658	3667	rVB4	106528	196880	5.21%	0.469%
40	25.197	3768	3776	3786	rVB3	391635	1044666	27.67%	2.489%
41	26.326	3958	3968	3981	rVB4	650729	2371663	62.81%	5.652%
42	27.709	4189	4203	4219	rVB4	901019	3775736	100.00%	8.998%

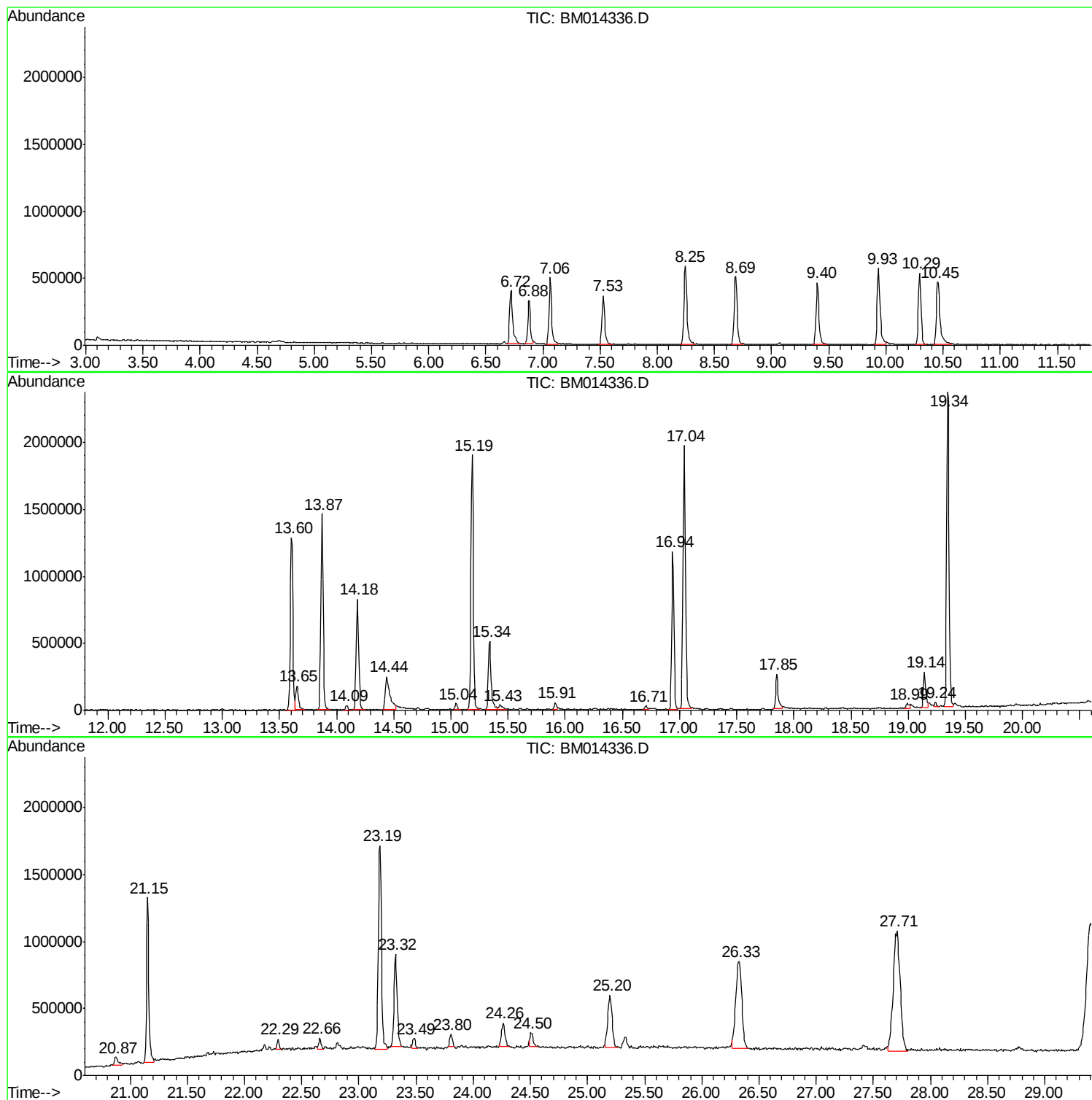
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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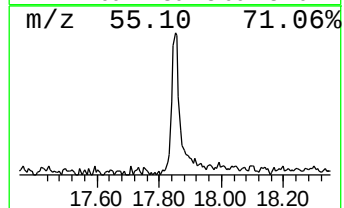
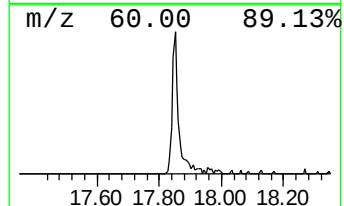
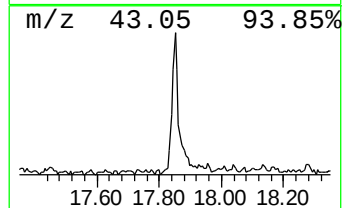
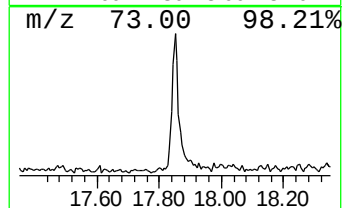
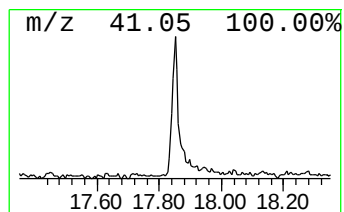
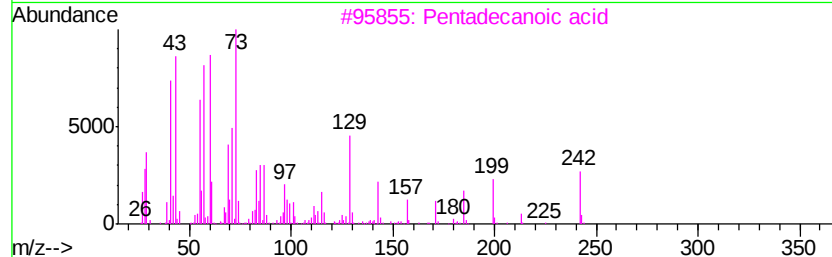
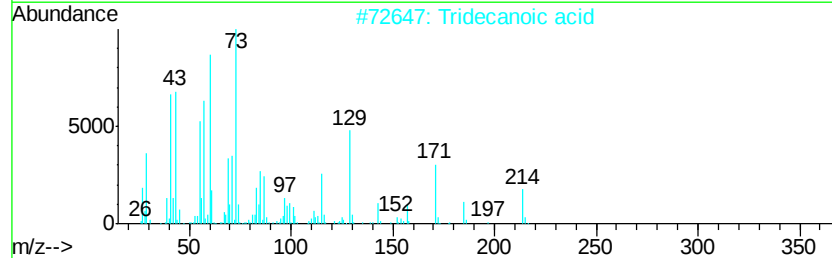
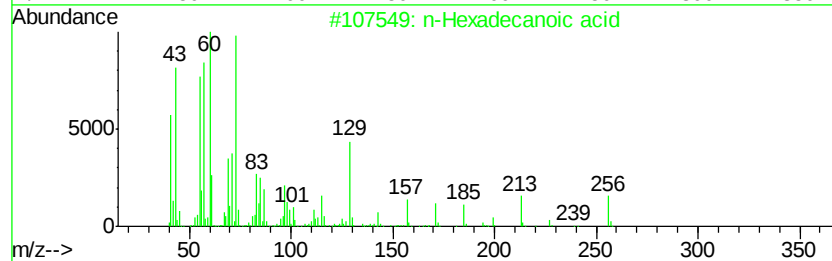
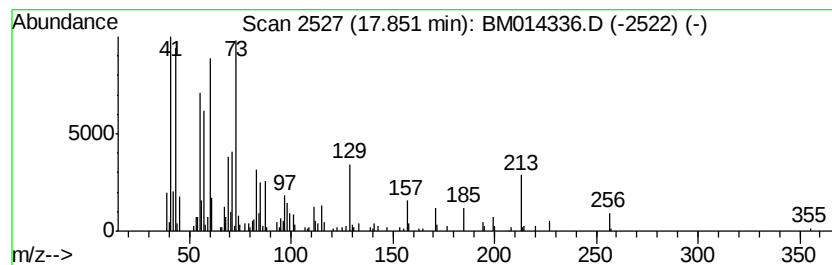
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.15 ng/ul	413704	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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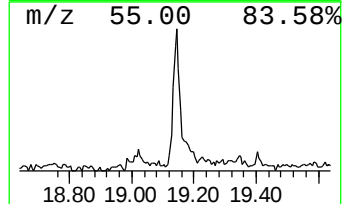
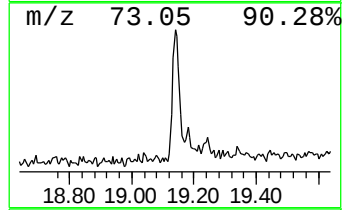
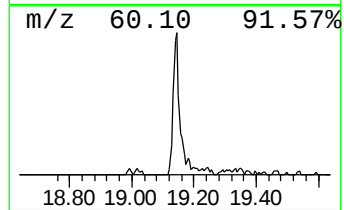
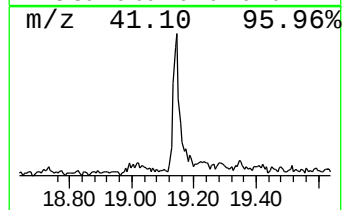
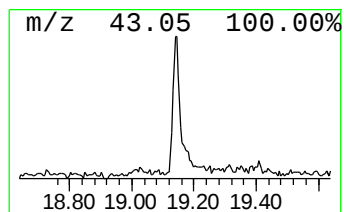
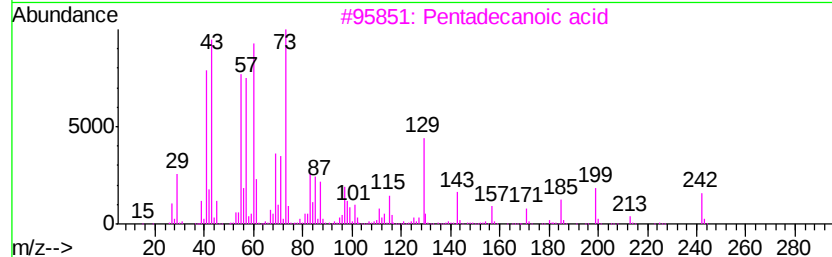
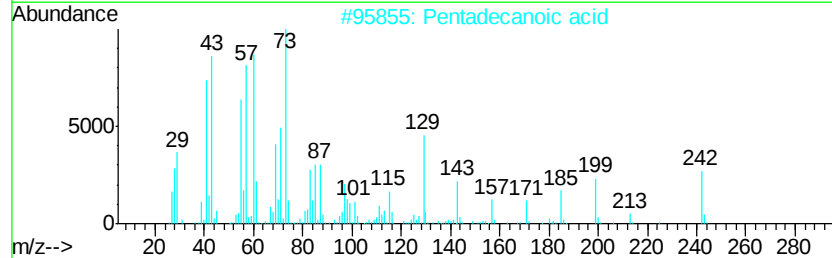
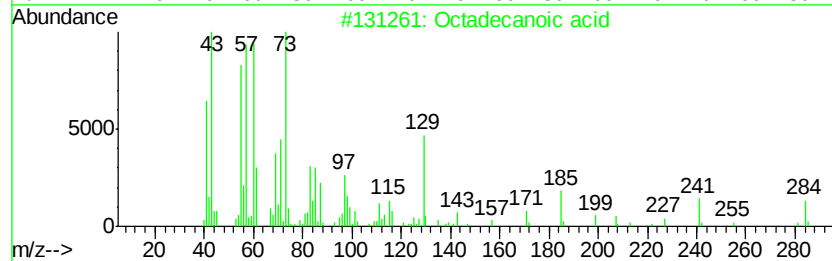
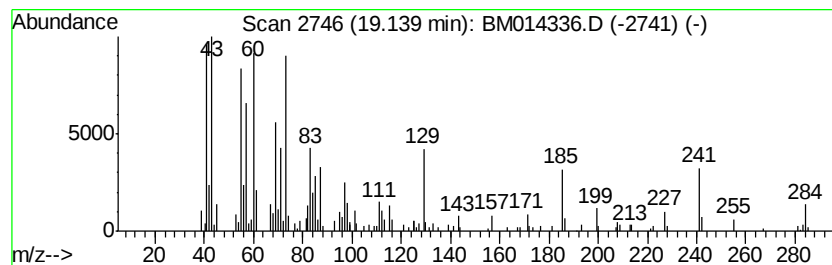
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Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.14	4.87 ng/ul	424894	Chrysene-d12		21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	59
5			Octadecanoic acid	284	C18H36O2	000057-11-4	49



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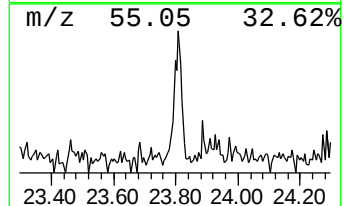
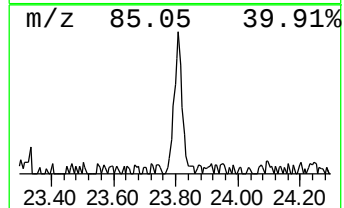
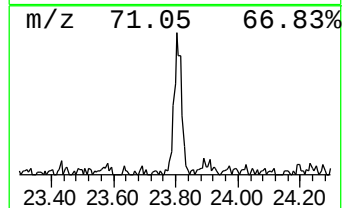
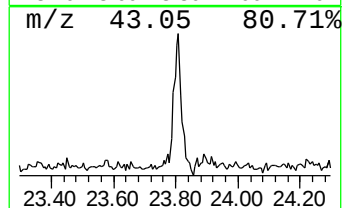
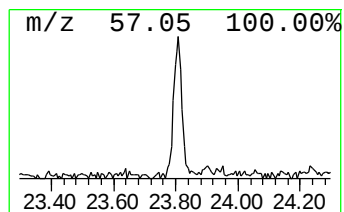
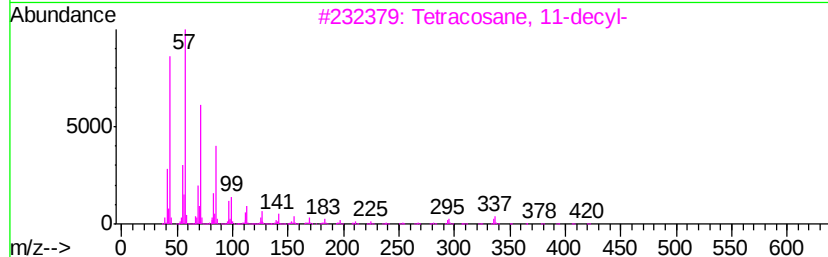
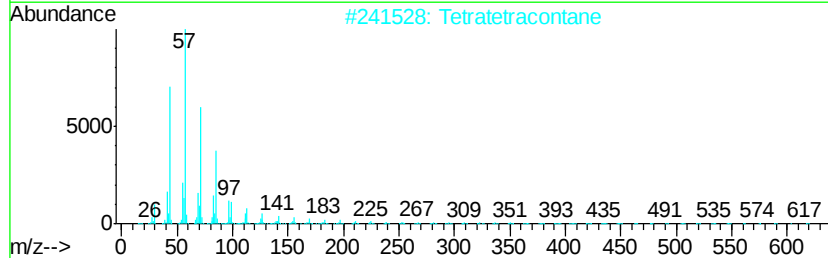
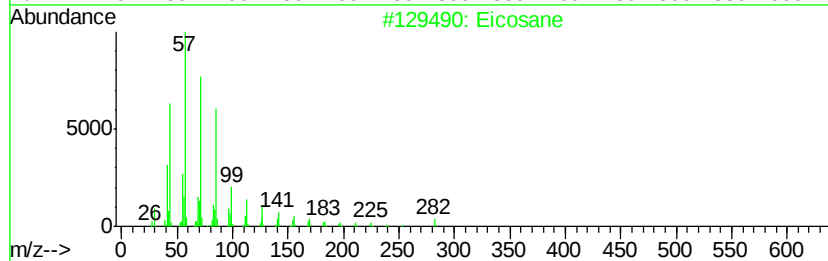
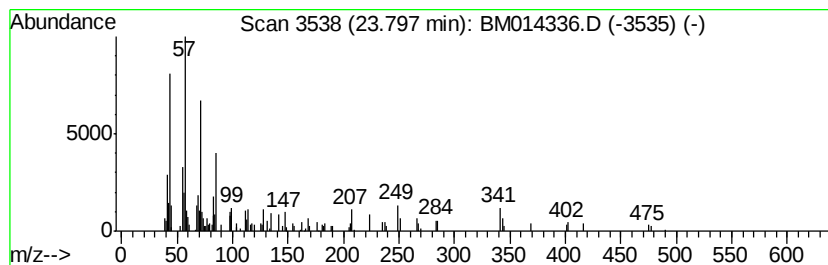
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.29 ng/ul	154843	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
4		Eicosane	282	C20H42	000112-95-8	76
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72



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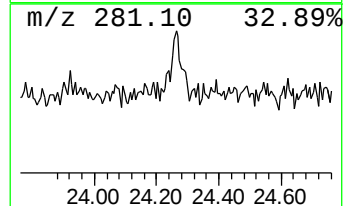
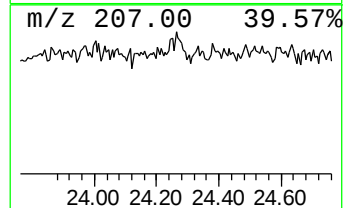
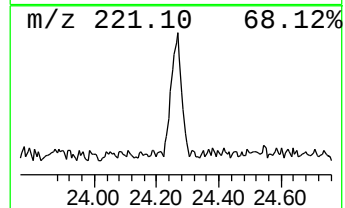
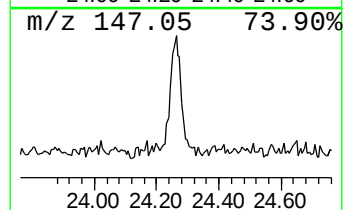
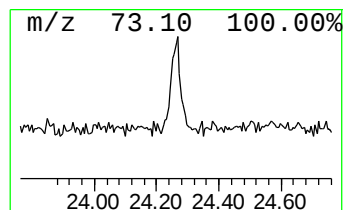
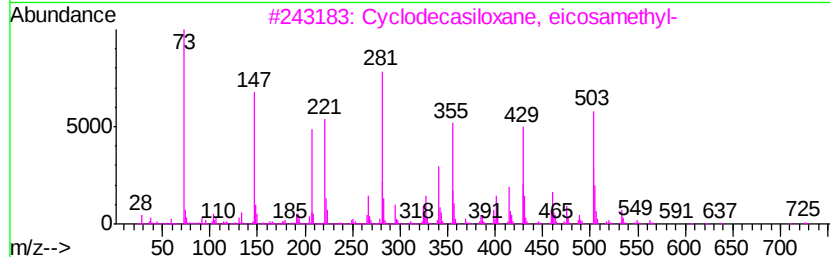
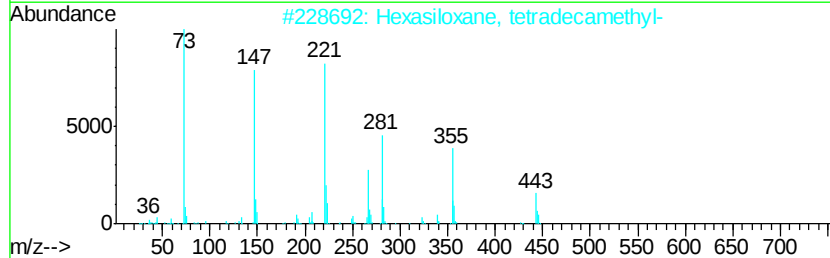
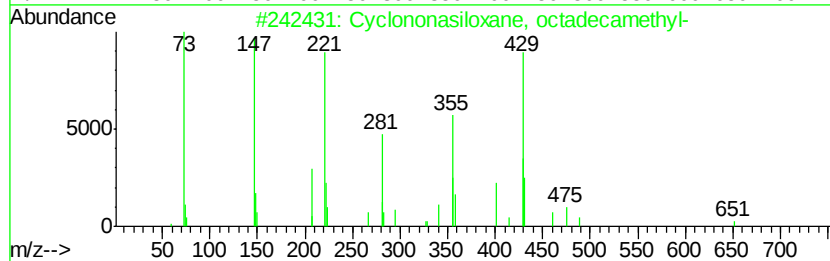
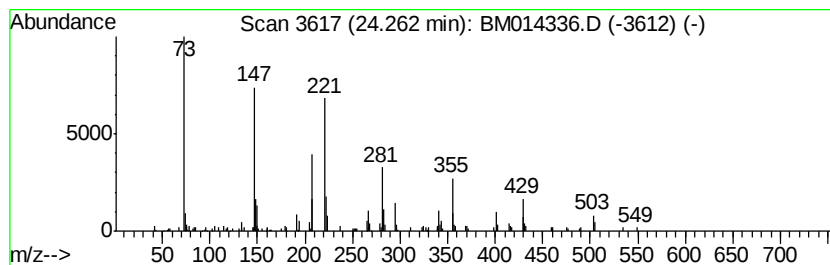
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Peak Number 4 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.26	5.30 ng/ul	358169	Perylene-d12	23.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclononasiloxane, octadecamethyl-	666	C18H5409Si9	000556-71-8	81
2		Hexasiloxane, tetradecamethyl-	458	C14H4205Si6	000107-52-8	50
3		Cyclodecasiloxane, eicosamethyl-	740	C20H60010Si10	018772-36-6	35
4		Mercaptoacetic acid, bis(trimeth...	236	C8H2002SSi2	006398-62-5	32
5		3-Oxa-6-thia-2,7-disilaooctane, 2...	222	C8H220SSi2	078921-31-0	32



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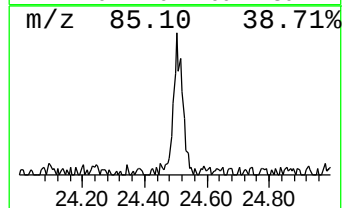
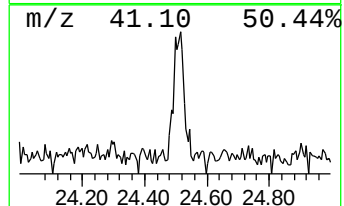
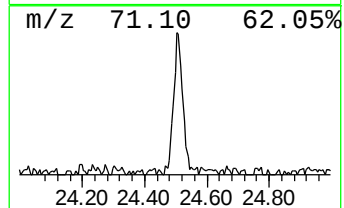
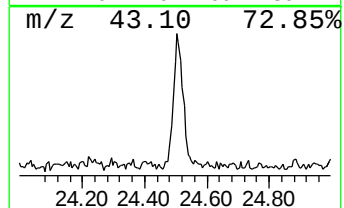
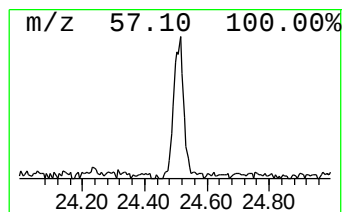
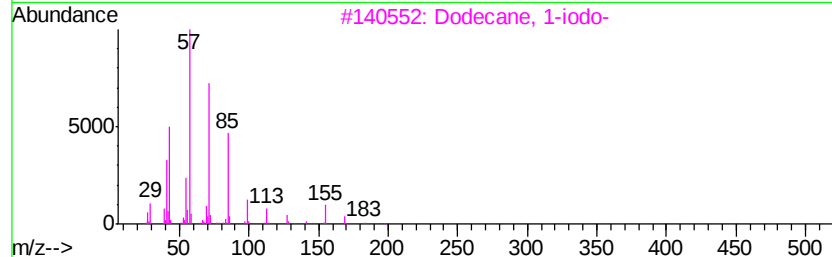
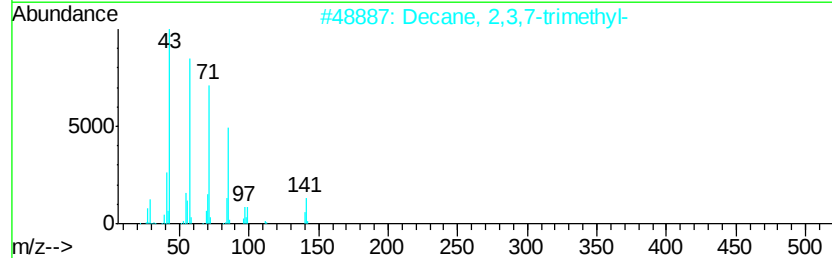
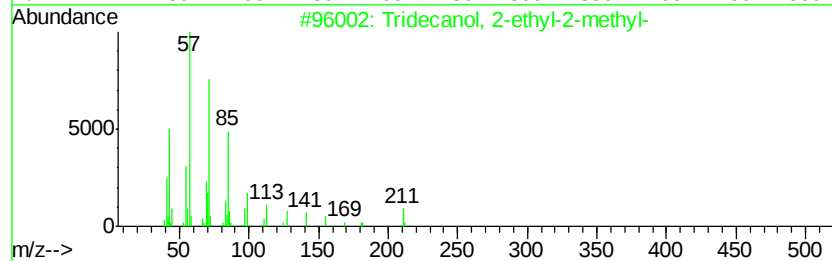
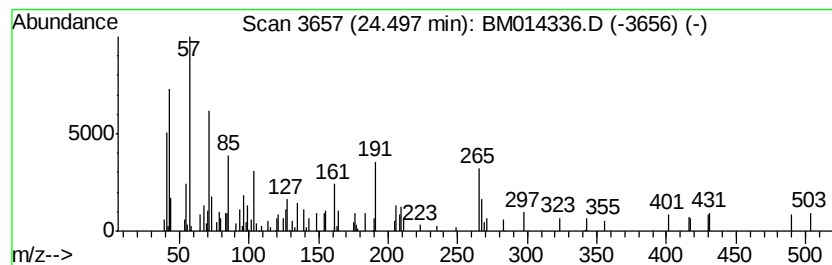
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Peak Number 5 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.92 ng/ul	196880	Perylene-d12	23.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	53
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014336.D
Acq On : 23 Feb 2018 18:20
Operator : SJ/JU
Sample : J1631-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

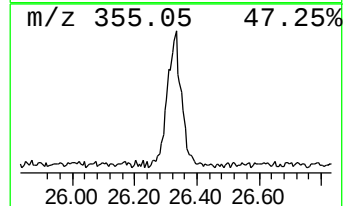
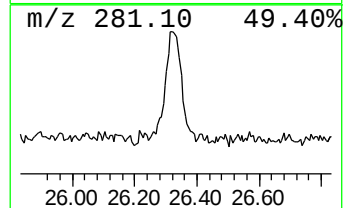
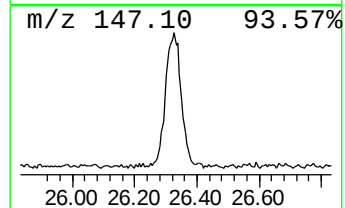
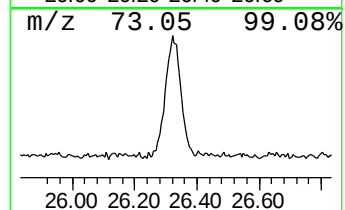
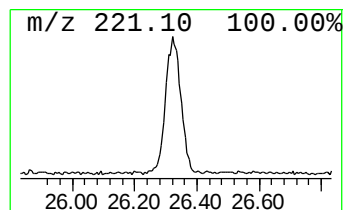
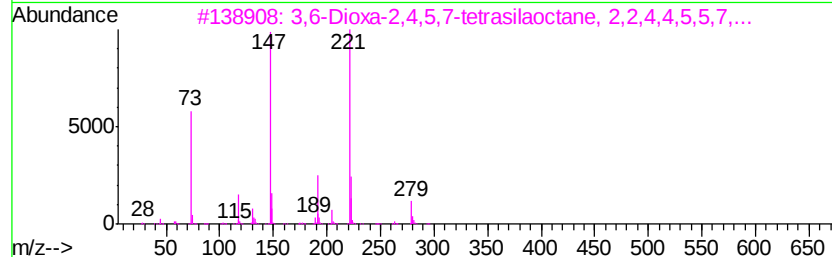
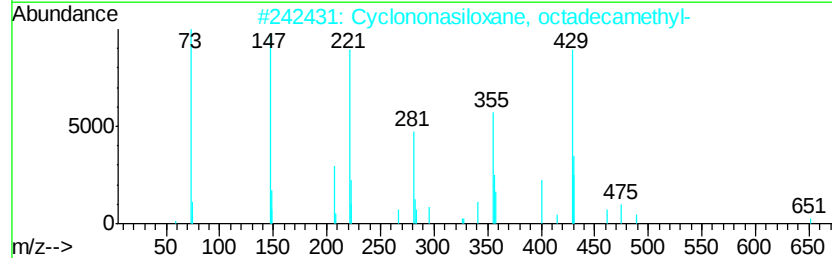
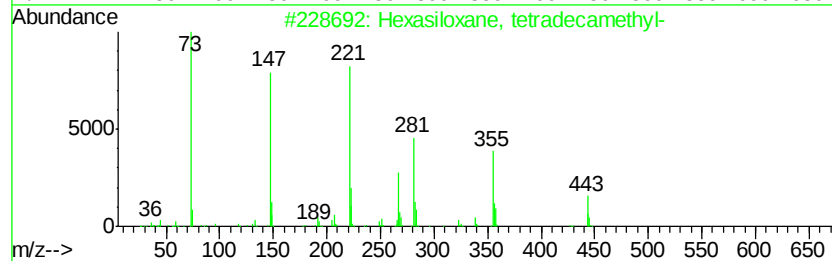
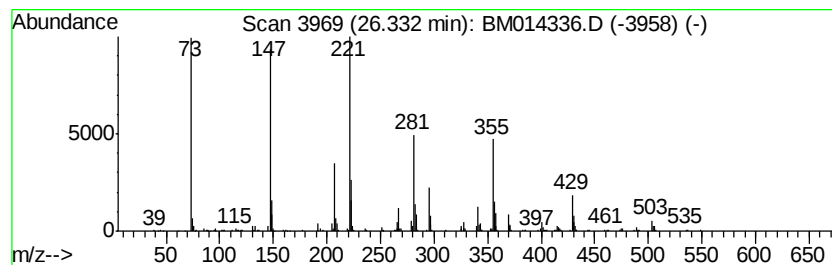
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexasiloxane, tetradecamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.33	35.12 ng/ul	2371660	Perylene-d12	23.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	87
2		Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	78
3		3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
4		Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
5		Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	36



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022318\
Data File : BM014336.D
Acq On : 23 Feb 2018 18:20
Operator : SJ/JU
Sample : J1631-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE604

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	17.85	5.2	ng/ul	413704	4	16.94	1606740	20.0
Octadecanoic acid	19.14	4.9	ng/ul	424894	5	21.15	1745530	20.0
(DEL) Alkane: Str...	23.80	2.3	ng/ul	154843	6	23.32	1350720	20.0
Cyclononasiloxane...	24.26	5.3	ng/ul	358169	6	23.32	1350720	20.0
Tridecanol, 2-eth...	24.50	2.9	ng/ul	196880	6	23.32	1350720	20.0
Hexasiloxane, tet...	26.33	35.1	ng/ul	2371660	6	23.32	1350720	20.0