

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013097.D
 Acq On : 22 Nov 2017 22:06
 Operator : SJ/JU
 Sample : I6514-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

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-BM111617.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	3.246	23	27	34	rVB	99543	129944	1.70%	0.148%
2	6.886	640	646	658	rVB	1275767	2195300	28.80%	2.496%
3	7.051	668	674	685	rVB	929455	1416068	18.58%	1.610%
4	7.245	698	707	715	rBV	1306878	2025719	26.57%	2.303%
5	7.710	778	786	793	rVB	1080317	1662406	21.81%	1.890%
6	8.422	899	907	918	rBV	1691009	2723244	35.72%	3.096%
7	8.863	974	982	992	rBV	1336136	2110227	27.68%	2.399%
8	9.580	1097	1104	1118	rVB	1147735	1889527	24.79%	2.148%
9	10.116	1187	1195	1204	rBV	1778074	2879041	37.77%	3.273%
10	10.492	1250	1259	1268	rBV	1517337	2473213	32.44%	2.812%
11	10.633	1275	1283	1292	rBV	1570106	2618046	34.34%	2.976%
12	13.768	1809	1816	1820	rBV	3465674	4704616	61.71%	5.349%
13	13.810	1820	1823	1832	rVB	410806	563463	7.39%	0.641%
14	14.045	1853	1863	1872	rBV	3431130	5211527	68.36%	5.925%
15	14.262	1894	1900	1906	rBV	64737	84368	1.11%	0.096%
16	14.351	1908	1915	1923	rBV2	2293501	3460475	45.39%	3.934%
17	14.562	1943	1951	1961	rBV	1218314	1838564	24.12%	2.090%
18	15.215	2058	2062	2069	rVB2	72644	88588	1.16%	0.101%
19	15.345	2076	2084	2091	rBV	4440251	6395463	83.89%	7.271%
20	15.462	2098	2104	2111	rBV	1180142	1609197	21.11%	1.830%
21	15.586	2120	2125	2129	rBV2	56880	86606	1.14%	0.098%
22	17.098	2375	2382	2388	rBV	3000341	4177391	54.80%	4.749%
23	17.198	2393	2399	2406	rVB	5209895	7115692	93.34%	8.090%
24	18.009	2531	2537	2553	rBV	856910	1303669	17.10%	1.482%
25	18.933	2689	2694	2700	rVB6	86686	122138	1.60%	0.139%
26	19.127	2722	2727	2733	rBV	67868	150504	1.97%	0.171%
27	19.292	2750	2755	2765	rBV	1420006	1824668	23.93%	2.074%
28	19.374	2766	2769	2775	rVB3	65503	104459	1.37%	0.119%
29	19.492	2783	2789	2796	rVB	5887552	7623485	100.00%	8.667%
30	21.009	3043	3047	3057	rVB	515298	764182	10.02%	0.869%
31	21.139	3066	3069	3075	rVB6	75677	106191	1.39%	0.121%
32	21.197	3076	3079	3083	rVB5	71536	82660	1.08%	0.094%
33	21.280	3088	3093	3099	rVB	3046159	3799891	49.84%	4.320%
34	21.886	3192	3196	3205	rVB2	391504	582110	7.64%	0.662%

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35	22.050	3220	3224	3228	rVB	180316	236170	3.10%	0.269%
36	22.321	3264	3270	3278	rVB	3183359	4228777	55.47%	4.808%
37	22.856	3357	3361	3364	rBV2	227979	316219	4.15%	0.360%
38	22.891	3364	3367	3379	rVB3	222621	382725	5.02%	0.435%
39	23.374	3441	3449	3455	rBV2	2877231	5450960	71.50%	6.197%
40	23.509	3466	3472	3479	rVB2	1489999	2808865	36.84%	3.193%
41	24.068	3563	3567	3574	rVB3	184266	332602	4.36%	0.378%
42	24.144	3577	3580	3592	rVB3	121031	278976	3.66%	0.317%

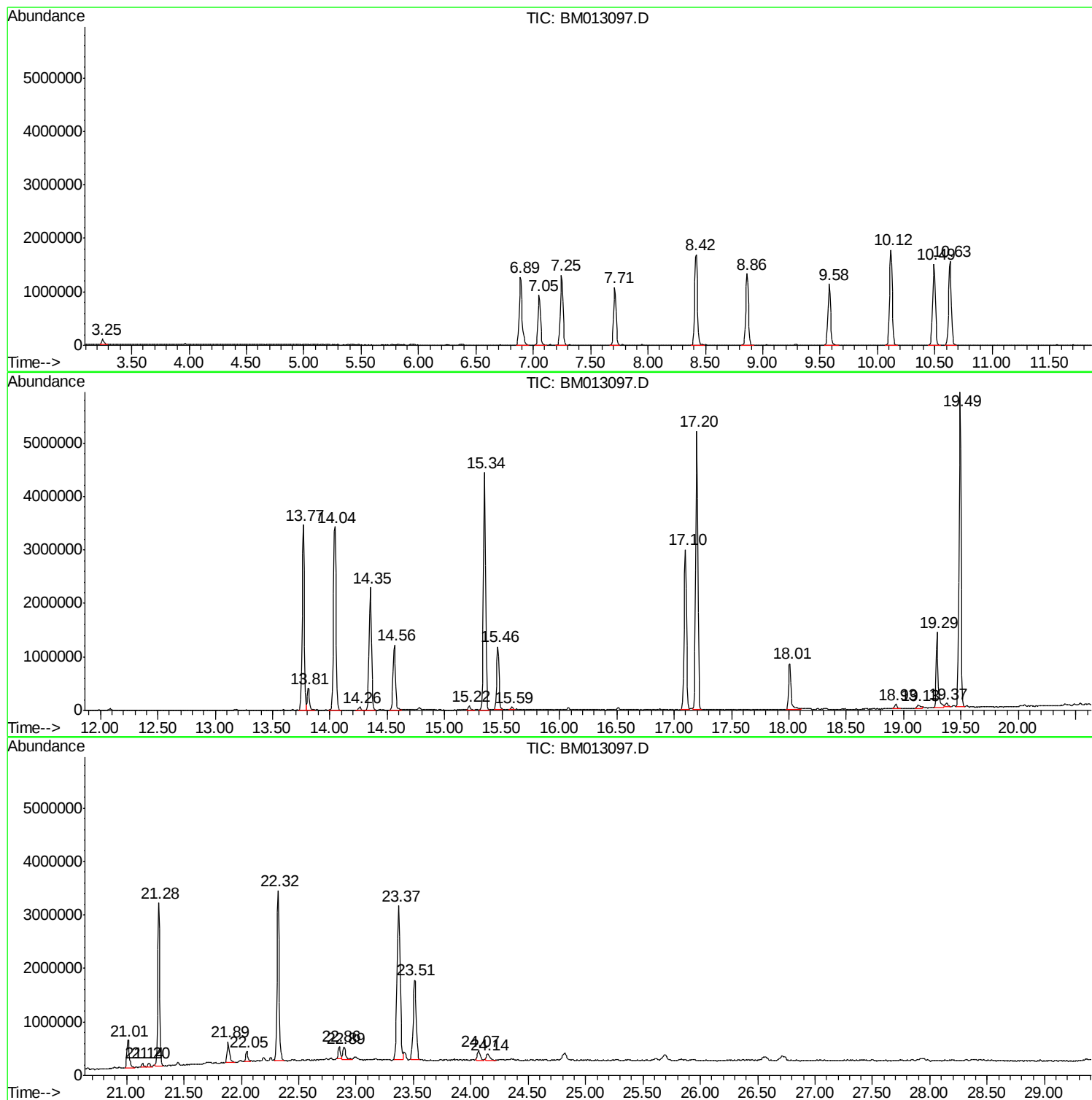
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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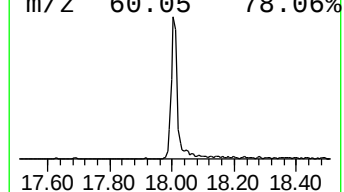
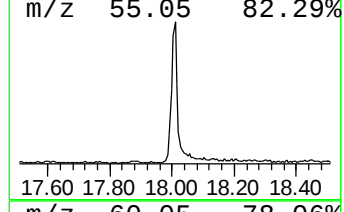
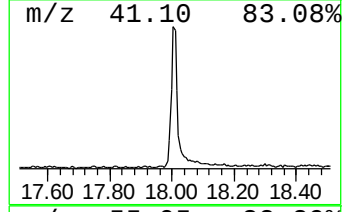
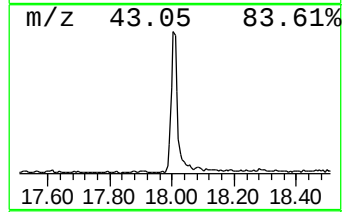
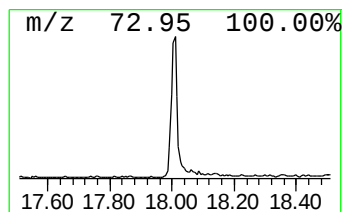
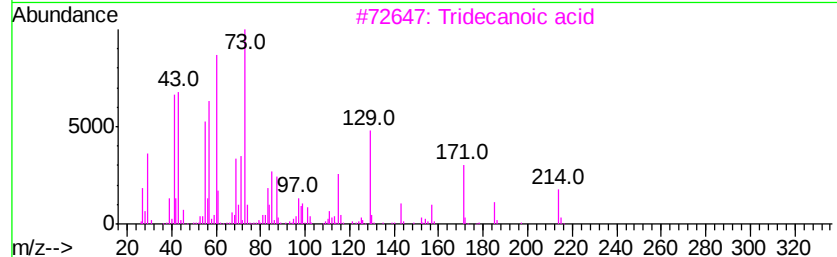
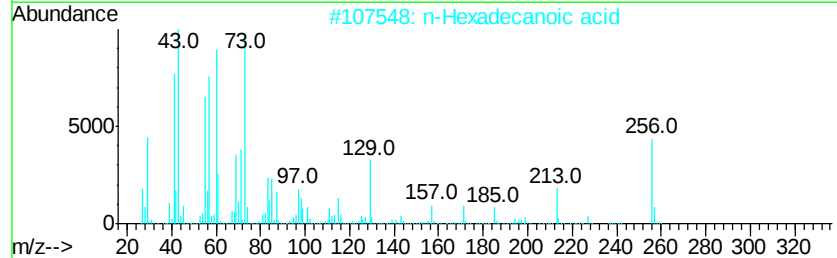
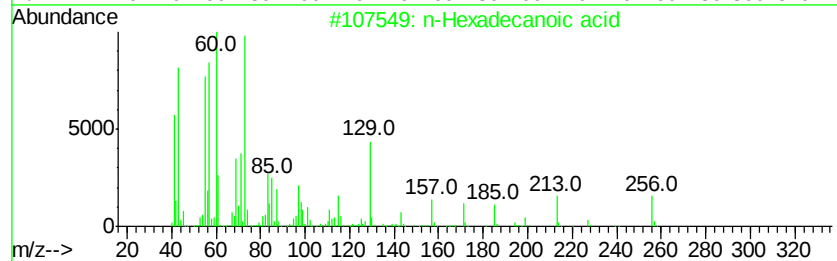
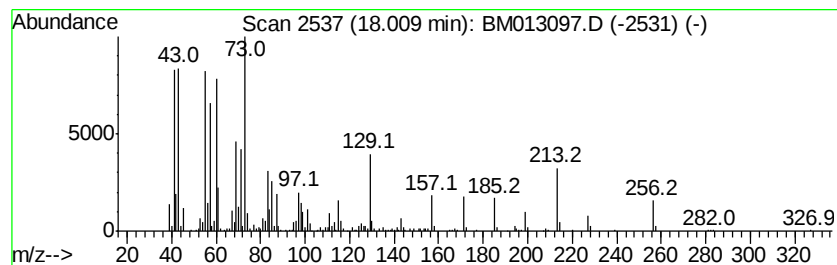
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.01	6.24 ng/ul	1303670	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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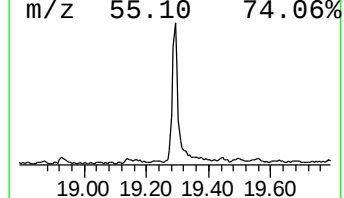
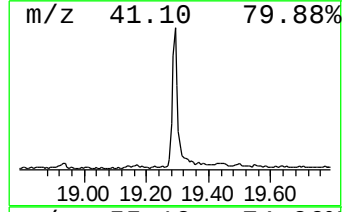
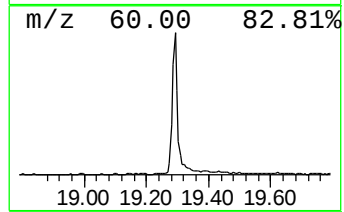
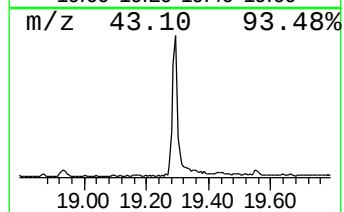
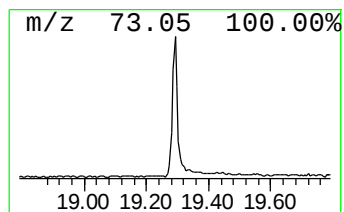
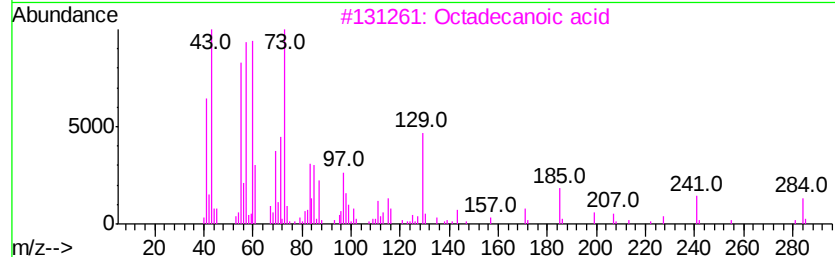
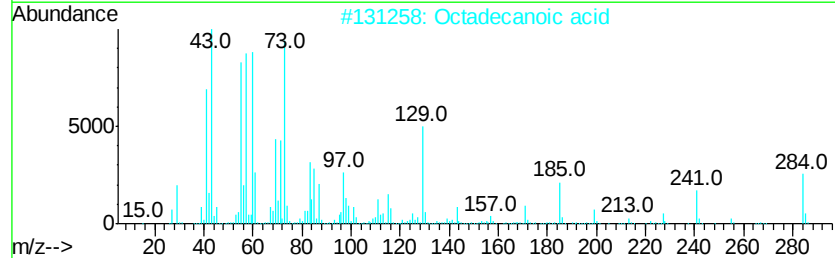
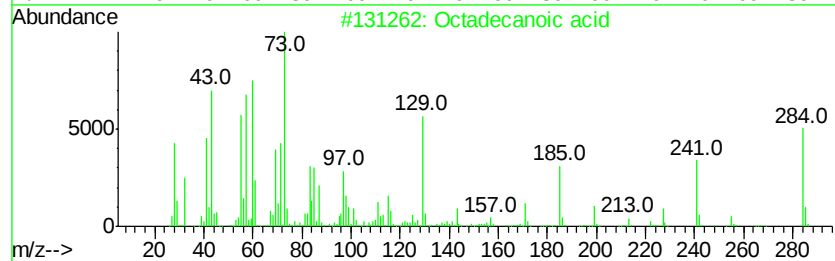
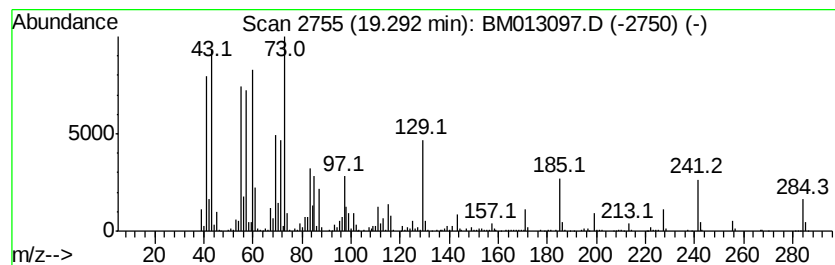
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	9.60 ng/ul	1824670	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	99
3	Octadecanoic acid	284 C18H36O2	000057-11-4	99
4	Octadecanoic acid	284 C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	93



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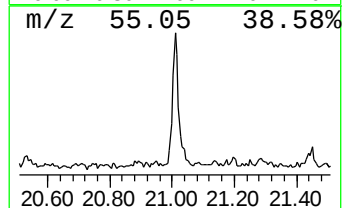
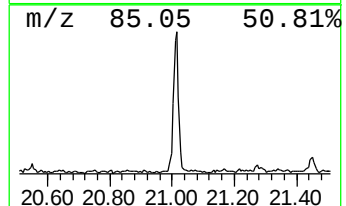
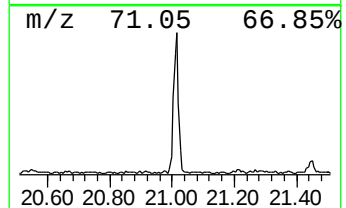
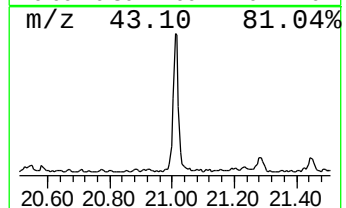
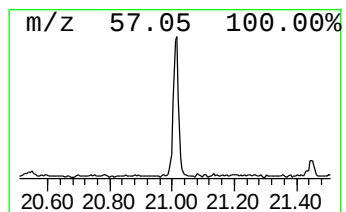
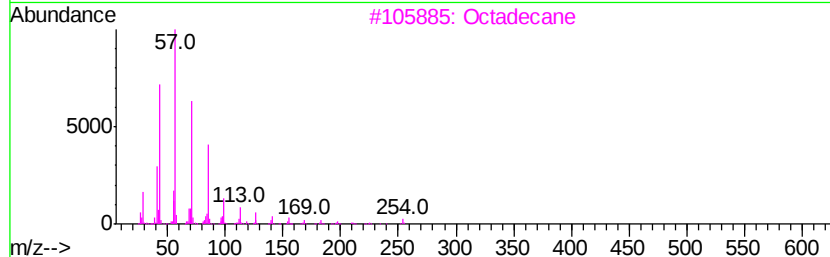
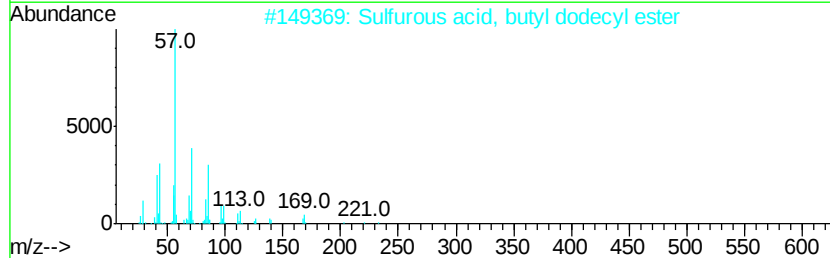
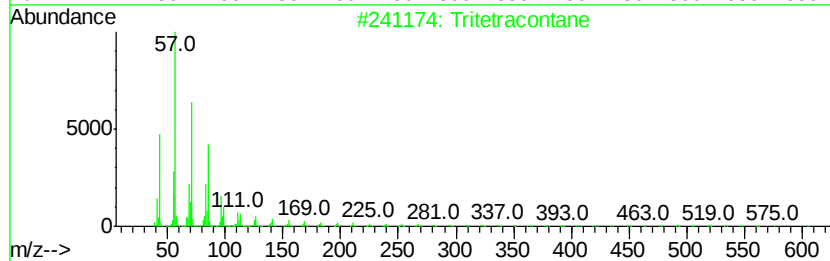
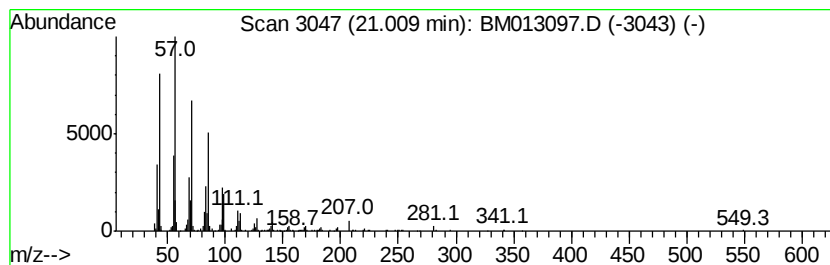
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.02 ng/ul	764182	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
3		Octadecane	254	C18H38	000593-45-3	86
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70



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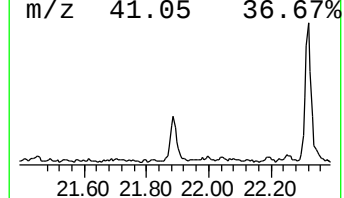
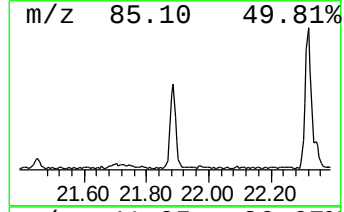
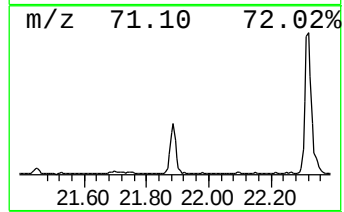
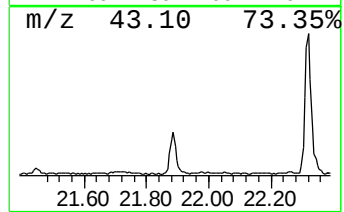
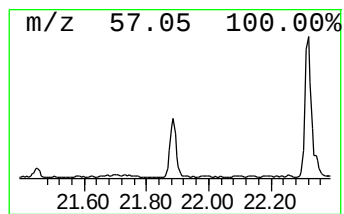
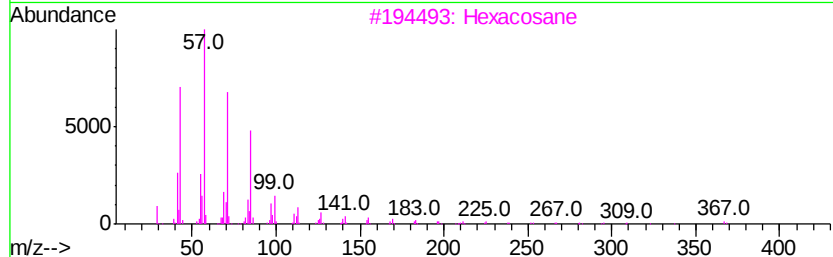
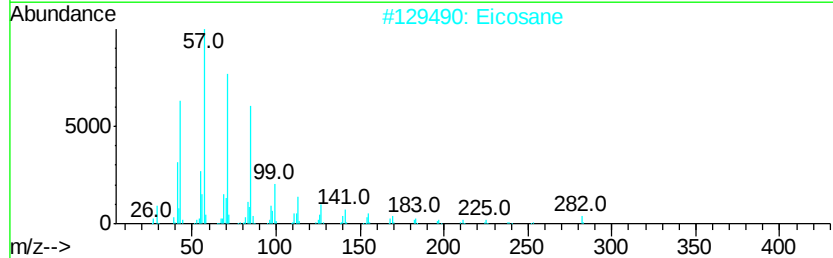
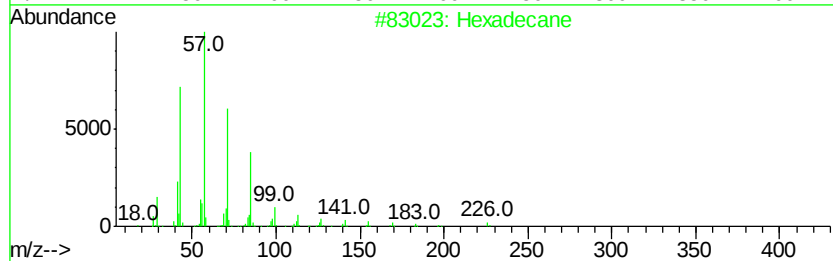
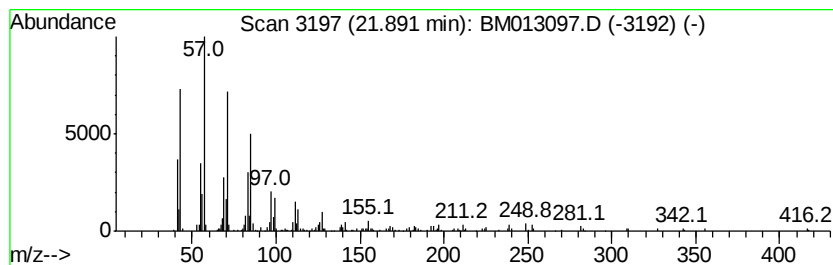
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.06 ng/ul	582110	Chrysene-d12	21.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Eicosane	282	C20H42	000112-95-8	93
3			Hexacosane	366	C26H54	000630-01-3	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heptacosane	380	C27H56	000593-49-7	91



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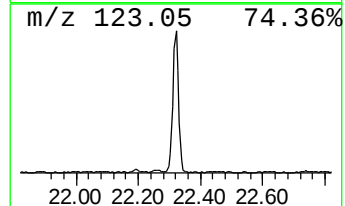
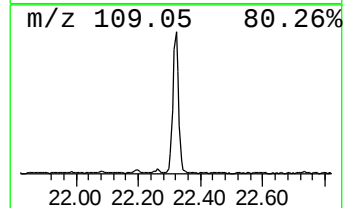
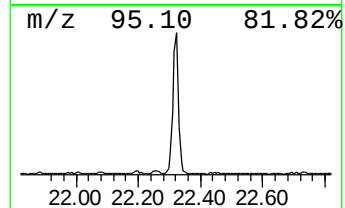
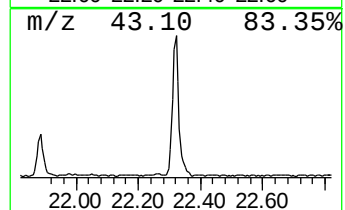
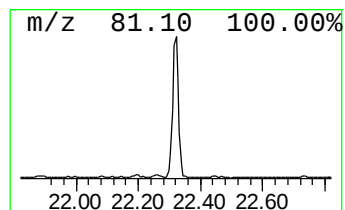
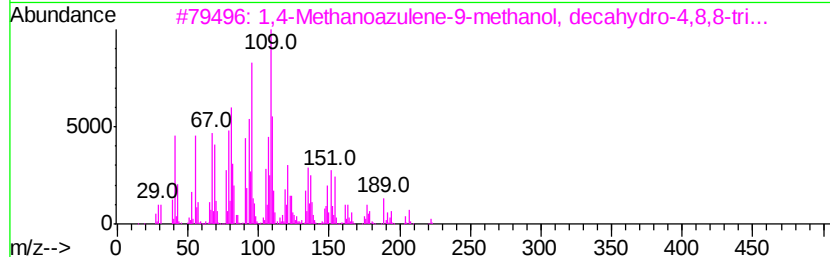
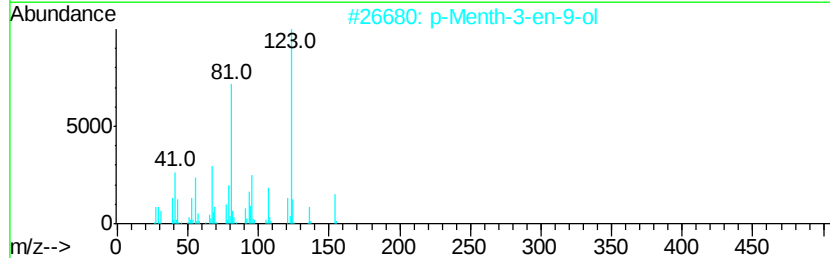
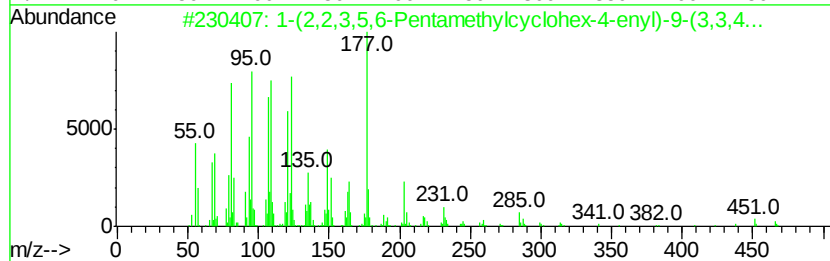
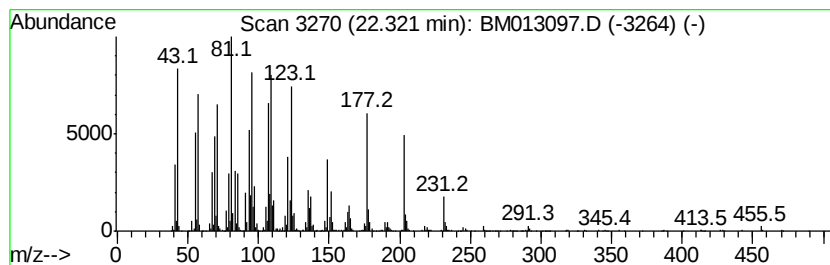
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-(2,2,3,5,6-Pentamethylcyc... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	22.26 ng/ul	4228780	Chrysene-d12	21.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(2,2,3,5,6-Pentamethylcyclohex...	466	C34H58	1000373-94-7	64
2		p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	27
3		1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	25
4		Ethyl chrysanthemate	196	C12H20O2	000097-41-6	22
5		trans-1,3,3-trimethylbicyclo[3.1...	152	C10H16O	1000365-94-1	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
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Acq On : 22 Nov 2017 22:06
Operator : SJ/JU
Sample : I6514-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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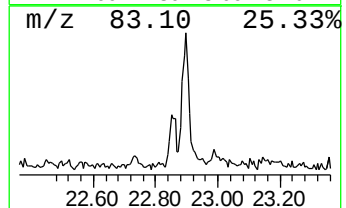
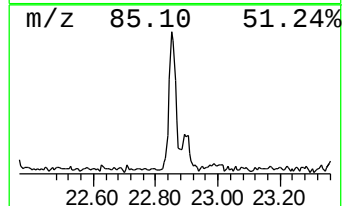
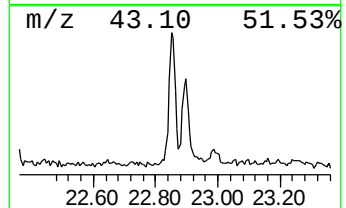
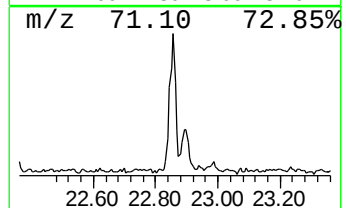
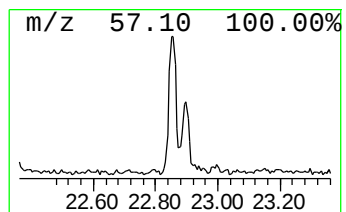
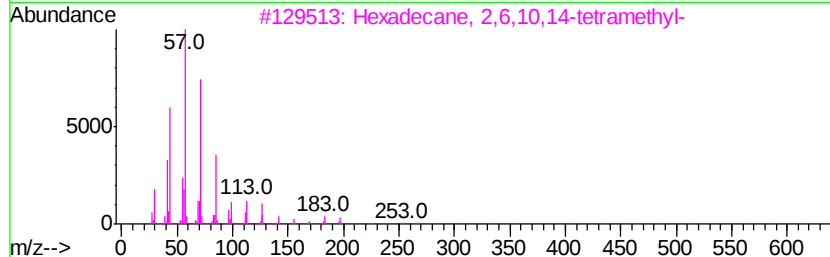
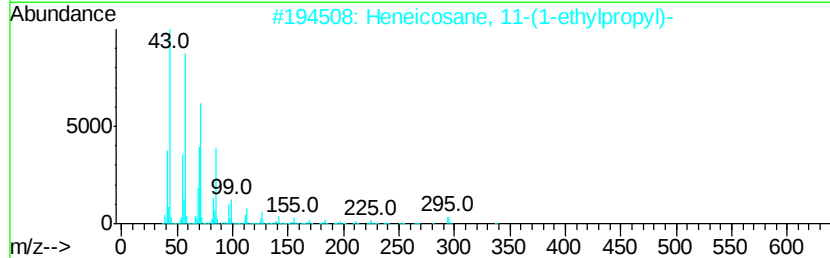
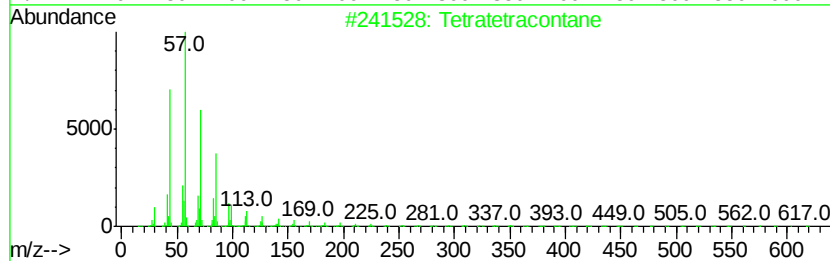
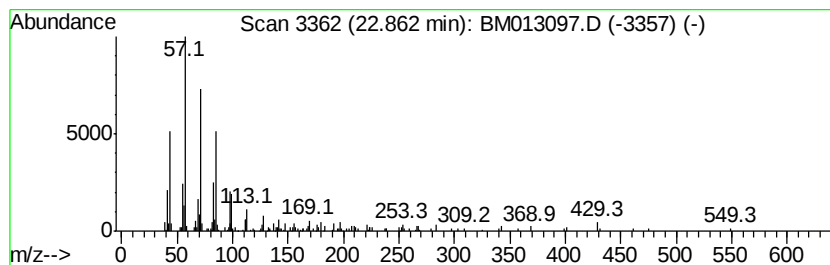
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.25 ng/ul	316219	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013097.D
Acq On : 22 Nov 2017 22:06
Operator : SJ/JU
Sample : I6514-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

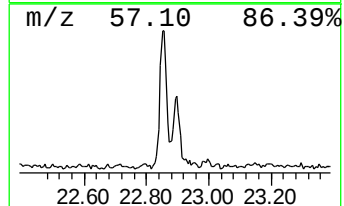
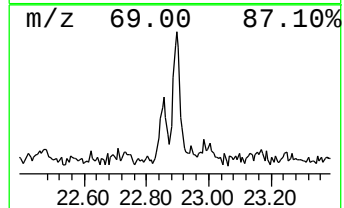
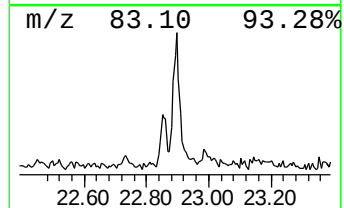
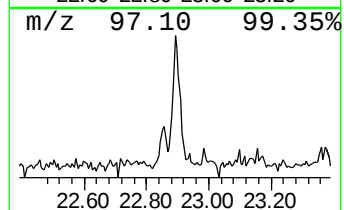
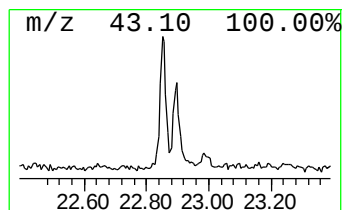
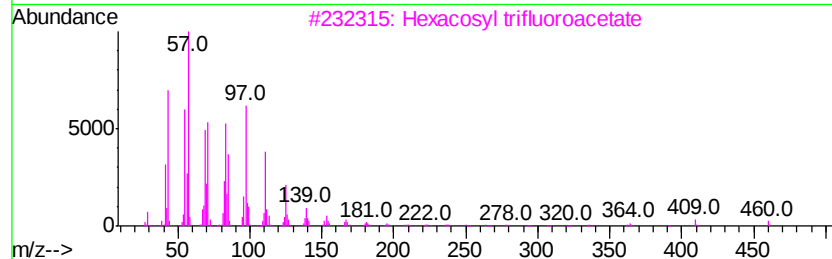
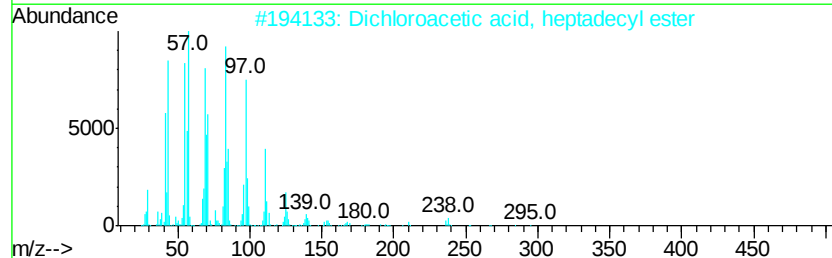
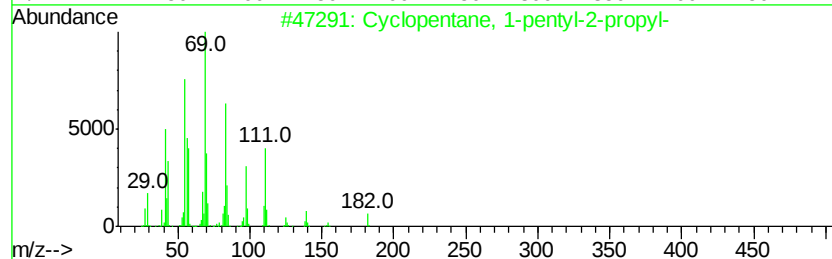
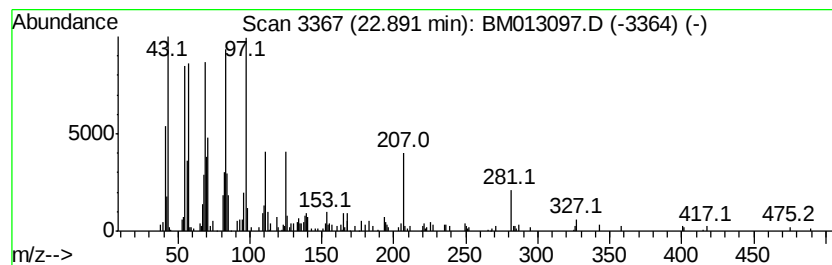
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic22.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.89	2.73 ng/ul	382725	Perylene-d12	23.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, 1-pentvl-2-propvl-	182	C13H26	062199-51-3	83
2	Dichloroacetic acid, heptadecvl ...	366	C19H36Cl2O2	1000282-98-2	58
3	Hexacosvl trifluoroacetate	478	C28H53F3O2	1000351-75-0	46
4	Cvccloundecane, (1-methvlethvl)-	196	C14H28	062338-56-1	43
5	1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013097.D
Acq On : 22 Nov 2017 22:06
Operator : SJ/JU
Sample : I6514-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

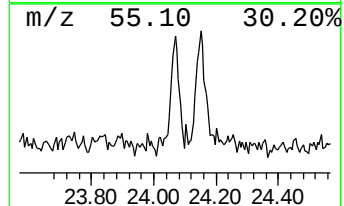
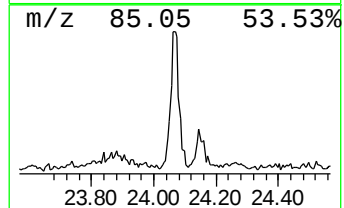
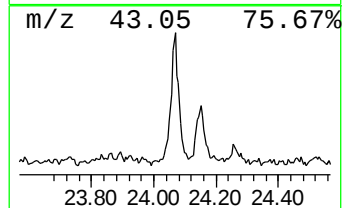
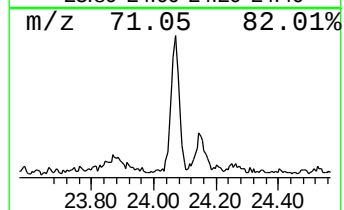
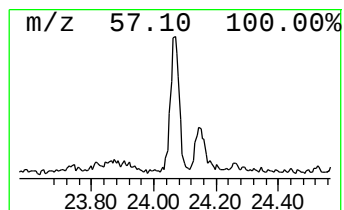
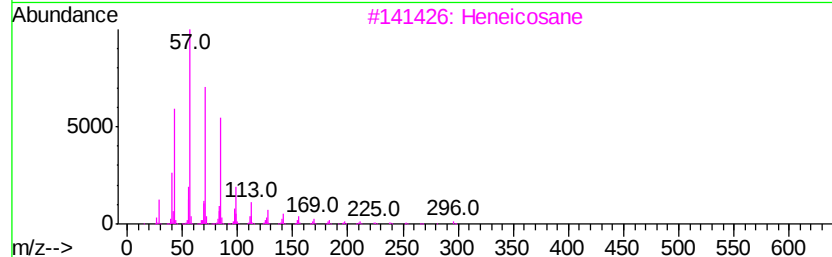
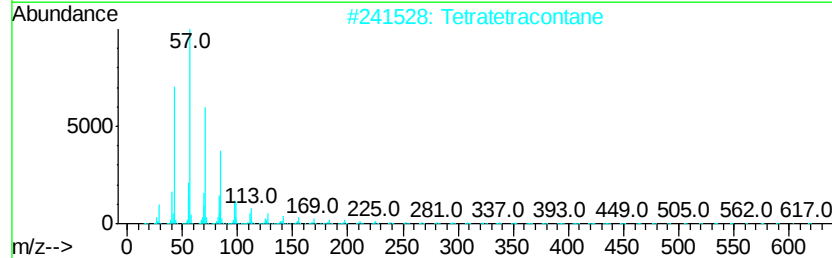
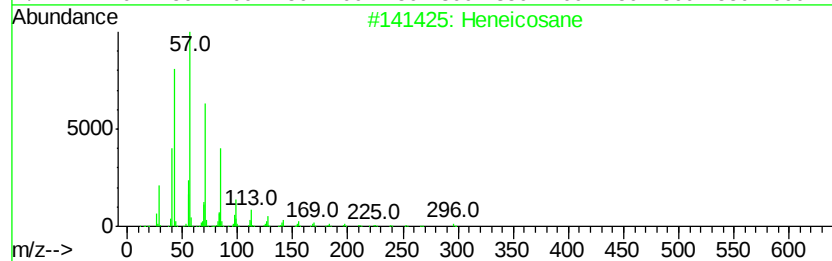
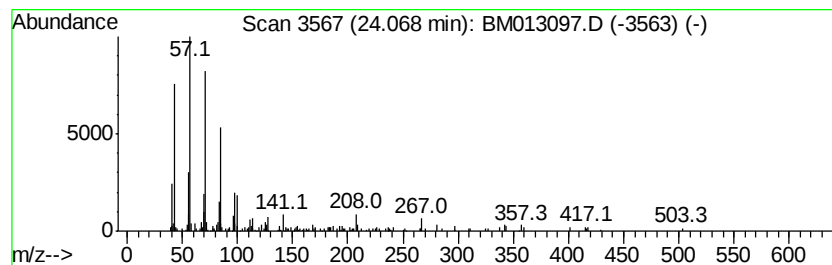
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.37 ng/ul	332602	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	68
2		Tetratetracontane	619	C44H90	007098-22-8	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013097.D
Acq On : 22 Nov 2017 22:06
Operator : SJ/JU
Sample : I6514-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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	18.01	6.2	ng/ul	1303670	4	17.10	4177390	20.0
Octadecanoic acid	19.29	9.6	ng/ul	1824670	5	21.28	3799890	20.0
(DEL) Alkane: Str...	21.01	4.0	ng/ul	764182	5	21.28	3799890	20.0
(DEL) Alkane: Str...	21.89	3.1	ng/ul	582110	5	21.28	3799890	20.0
1-(2,2,3,5,6-Pent...	22.32	22.3	ng/ul	4228780	5	21.28	3799890	20.0
(DEL) Alkane: Str...	22.86	2.3	ng/ul	316219	6	23.51	2808870	20.0
(DEL) Alkane: Cyc...	22.89	2.7	ng/ul	382725	6	23.51	2808870	20.0
(DEL) Alkane: Str...	24.07	2.4	ng/ul	332602	6	23.51	2808870	20.0