

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
 Data File : BM016156.D
 Acq On : 02 Aug 2018 01:30
 Operator : SJ/JU
 Sample : J4175-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	3.458	25	29	36	rBV	11981	17086	1.11%	0.096%
2	5.246	329	333	344	rBV	9923	18365	1.19%	0.103%
3	7.351	685	691	707	rBV	260837	465467	30.28%	2.611%
4	7.516	713	719	732	rBV	193479	306395	19.93%	1.719%
5	7.716	748	753	769	rBV	282329	477544	31.07%	2.679%
6	8.193	828	834	845	rBV	224836	378301	24.61%	2.122%
7	8.910	950	956	970	rBV	353590	590262	38.40%	3.311%
8	9.381	1030	1036	1055	rBV	272321	475065	30.90%	2.665%
9	10.098	1153	1158	1173	rBB	256174	439767	28.61%	2.467%
10	10.634	1244	1249	1262	rBV	342057	623329	40.55%	3.496%
11	11.010	1307	1313	1326	rVB	340239	561333	36.52%	3.149%
12	11.157	1332	1338	1355	rBV	313354	562588	36.60%	3.156%
13	14.228	1854	1860	1864	rBV	675242	937750	61.00%	5.260%
14	14.269	1864	1867	1875	rVB	50970	74006	4.81%	0.415%
15	14.516	1903	1909	1921	rBV	738287	1063112	69.16%	5.963%
16	14.822	1955	1961	1969	rBB2	509737	749676	48.77%	4.205%
17	15.033	1992	1997	2016	rBV	221862	440659	28.67%	2.472%
18	15.810	2123	2129	2138	rBB	884384	1265312	82.31%	7.097%
19	15.945	2147	2152	2165	rVB	308575	445323	28.97%	2.498%
20	17.551	2419	2425	2431	rBV	626337	888709	57.81%	4.985%
21	17.651	2436	2442	2455	rVV	993084	1376957	89.57%	7.723%
22	18.398	2564	2569	2576	rBV	151964	193589	12.59%	1.086%
23	19.651	2778	2782	2791	rBV	75271	95720	6.23%	0.537%
24	19.915	2821	2827	2835	rBV	1172006	1537222	100.00%	8.622%
25	20.886	2988	2992	2995	rBV5	14299	19882	1.29%	0.112%
26	21.351	3066	3071	3081	rBV5	71159	158906	10.34%	0.891%
27	21.668	3121	3125	3133	rVB	776763	1031825	67.12%	5.788%
28	21.768	3139	3142	3148	rBV4	25450	31902	2.08%	0.179%
29	22.215	3216	3218	3222	rVB2	31556	33524	2.18%	0.188%
30	22.698	3297	3300	3307	rVB2	48797	66070	4.30%	0.371%
31	23.227	3386	3390	3396	rVB2	69381	104109	6.77%	0.584%
32	23.815	3486	3490	3494	rBV	68318	109959	7.15%	0.617%
33	23.880	3494	3501	3510	rVB2	703931	1327887	86.38%	7.448%
34	24.027	3520	3526	3534	rVB2	457828	840637	54.69%	4.715%

LSC Area Percent Report

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Sample : J4175-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SVOA CALIBRATION

35	24.492	3601	3605	3611	rvB2	66864	119917	7.80%	0.673%
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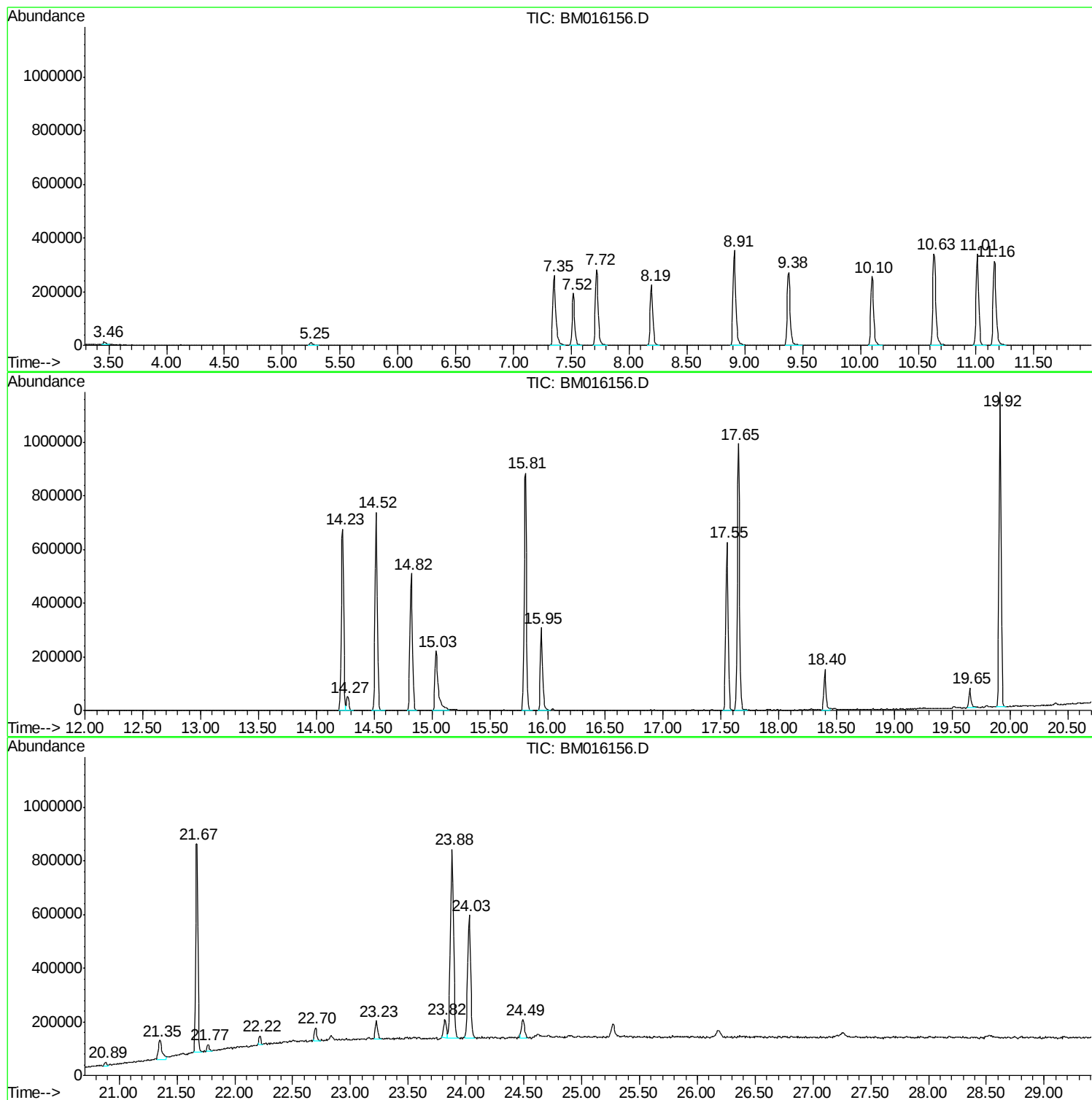
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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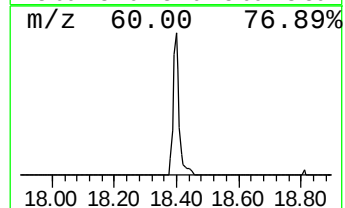
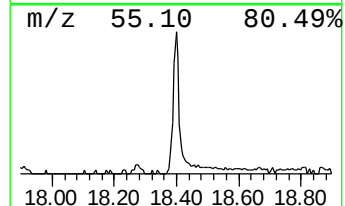
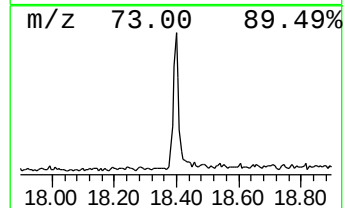
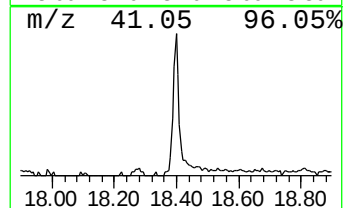
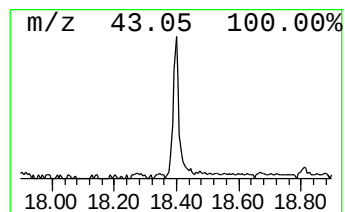
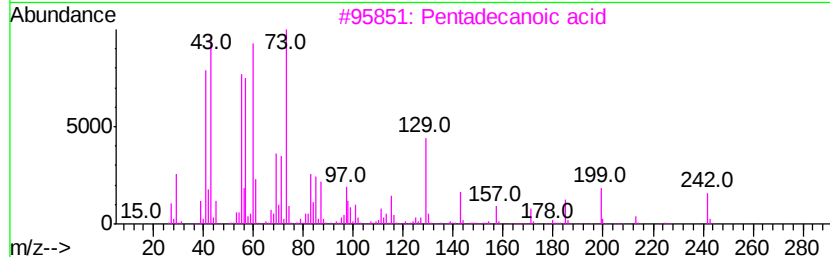
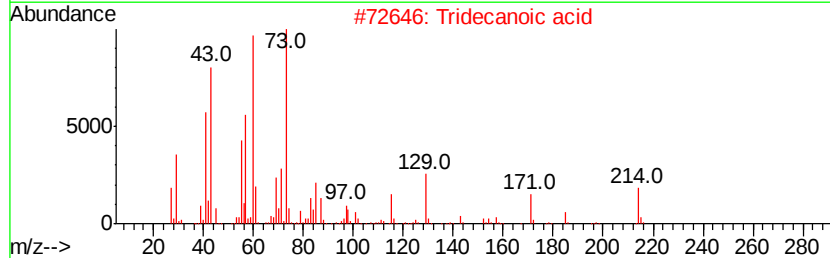
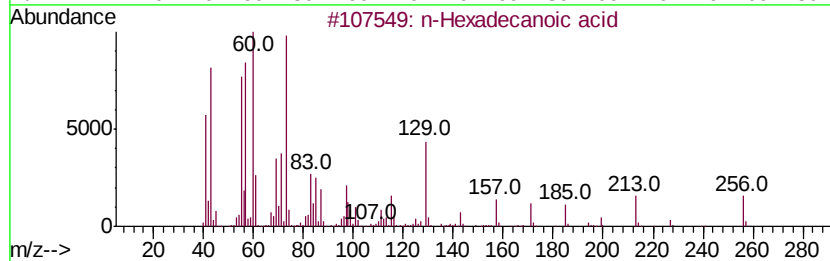
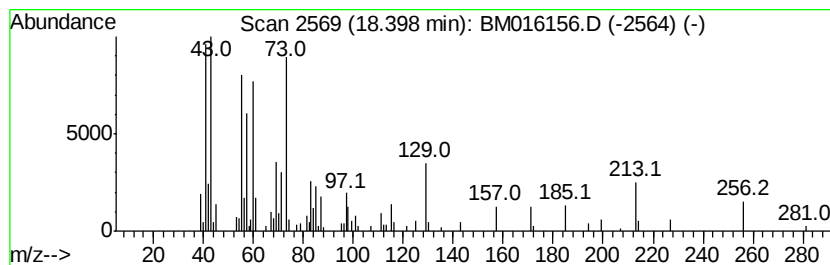
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.40	4.36 ng/ul	193589	Phenanthrene-d10		17.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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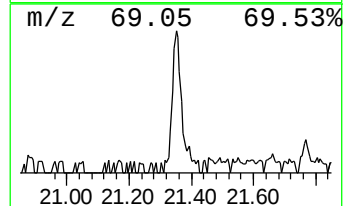
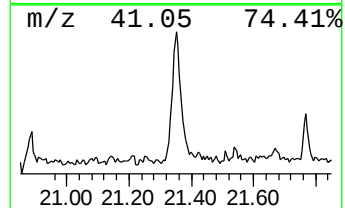
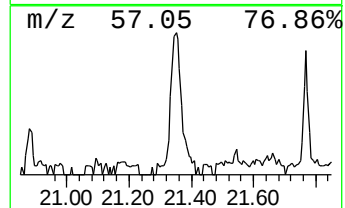
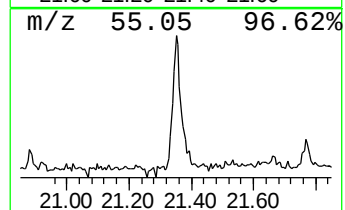
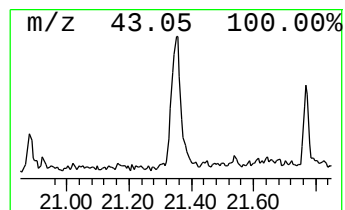
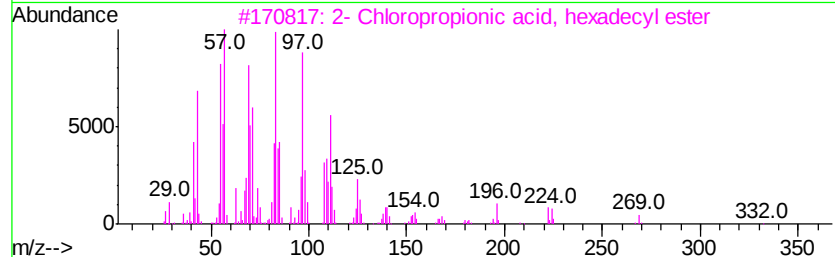
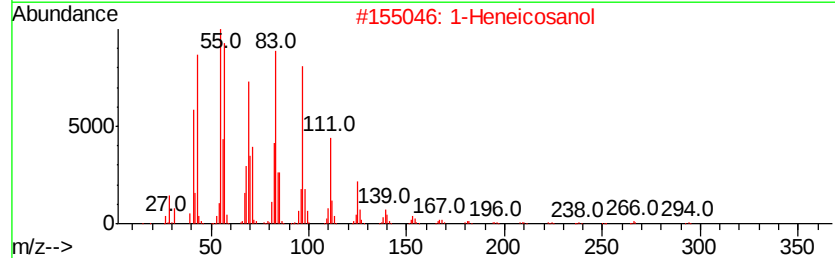
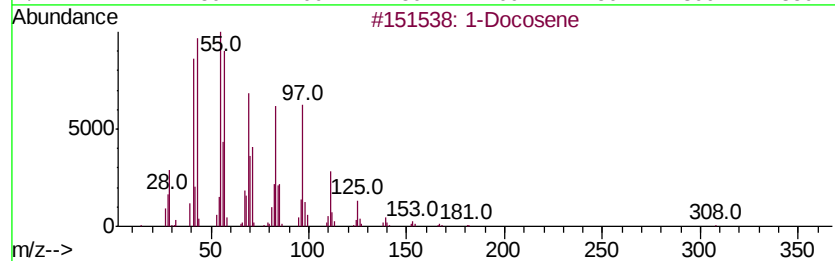
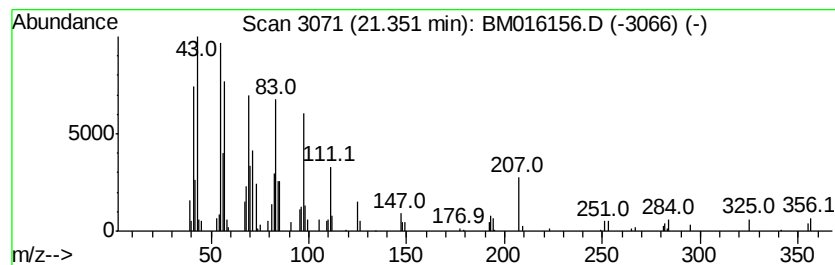
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.35	3.08 ng/ul	158906	Chrysene-d12		21.67		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1		Docosene	308	C22H44	001599-67-3	93
2	1		Heneicosanol	312	C21H44O	015594-90-8	93
3	2		Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	81
4	Pentafluoropropionic acid, hexad...			388	C19H33F5O2	006222-07-7	81
5	Carbonic acid, octadecyl 2,2,2-t...			444	C21H39Cl3O3	1000314-56-3	81



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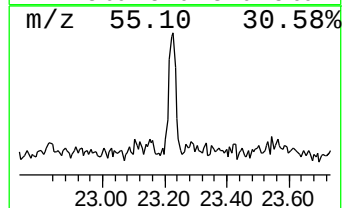
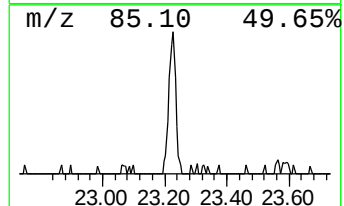
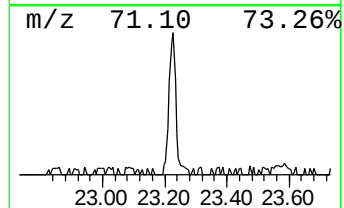
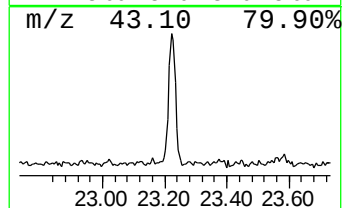
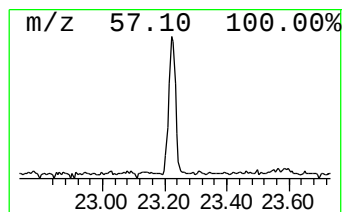
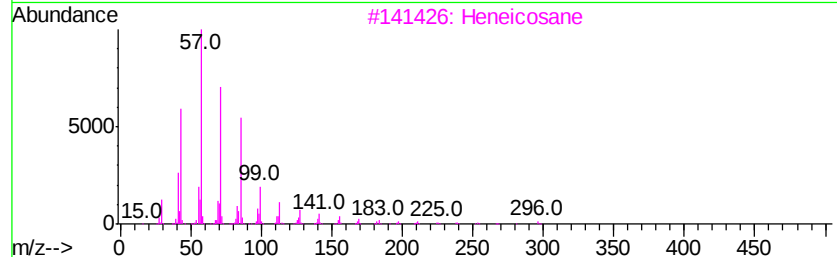
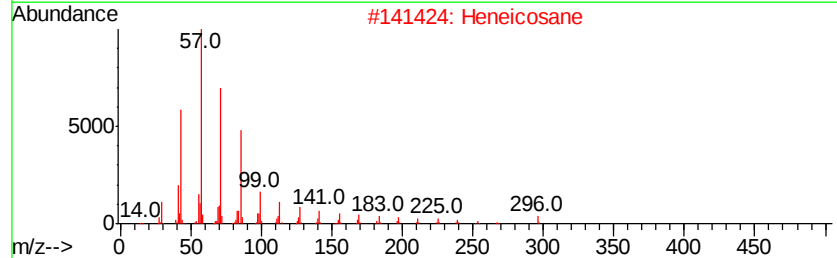
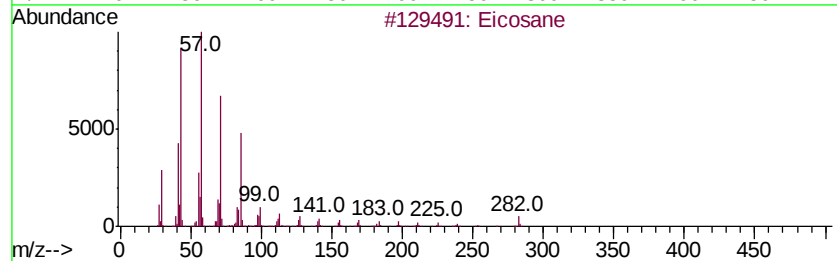
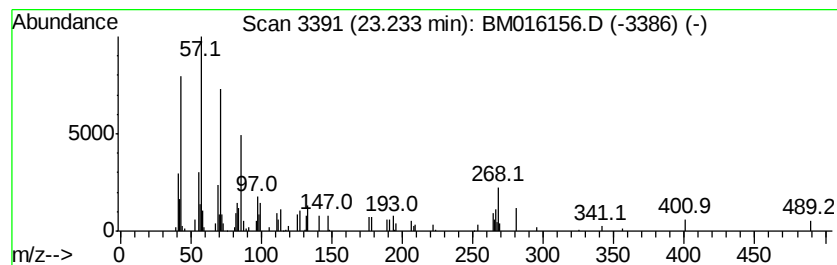
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.48 ng/ul	104109	Perylene-d12	24.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heneicosane	296	C21H44	000629-94-7	96
3			Heneicosane	296	C21H44	000629-94-7	96
4			Heneicosane	296	C21H44	000629-94-7	95
5			Nonadecane	268	C19H40	000629-92-5	94



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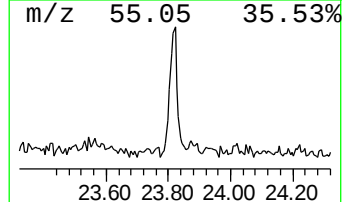
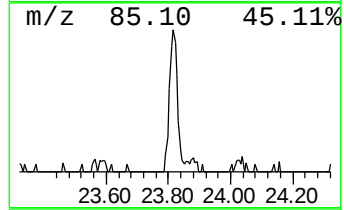
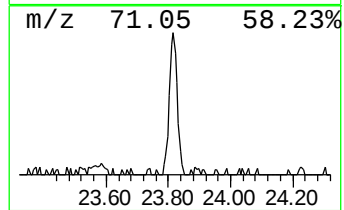
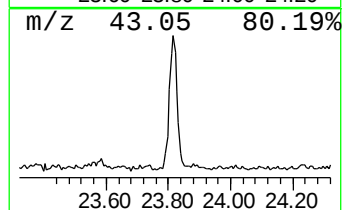
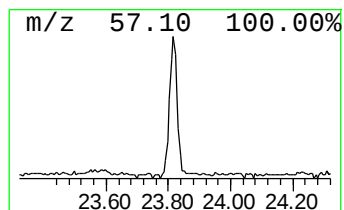
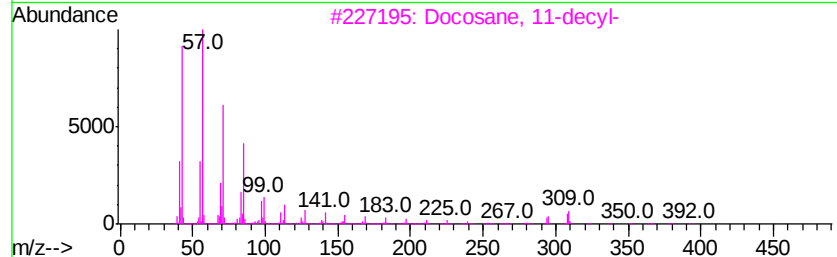
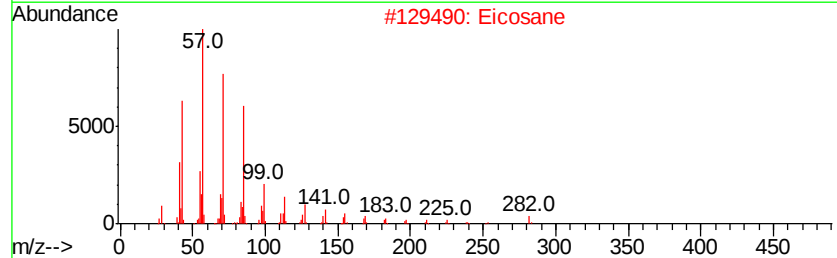
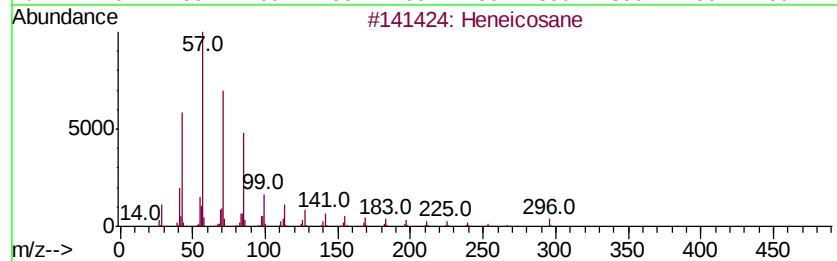
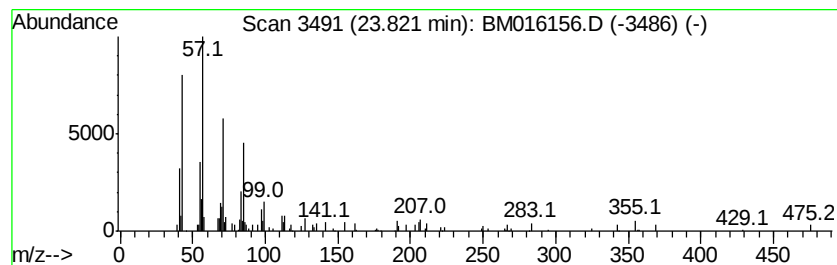
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.62 ng/ul	109959	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Heptacosane	380	C27H56	000593-49-7	87



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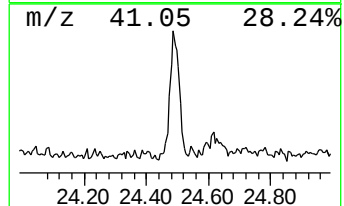
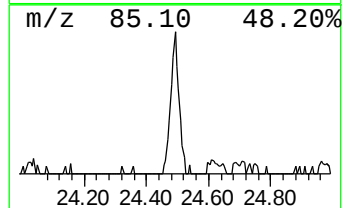
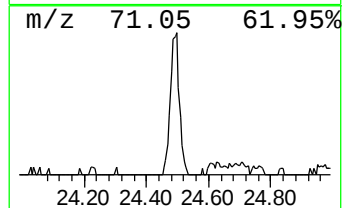
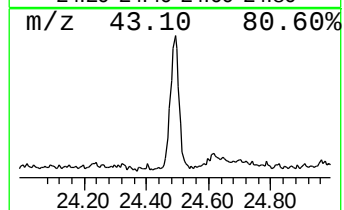
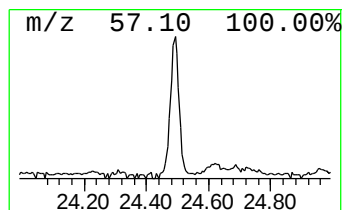
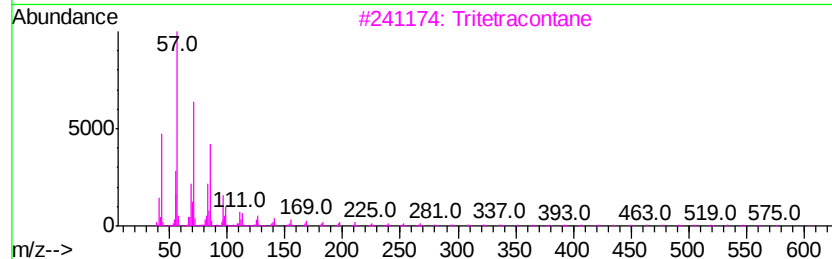
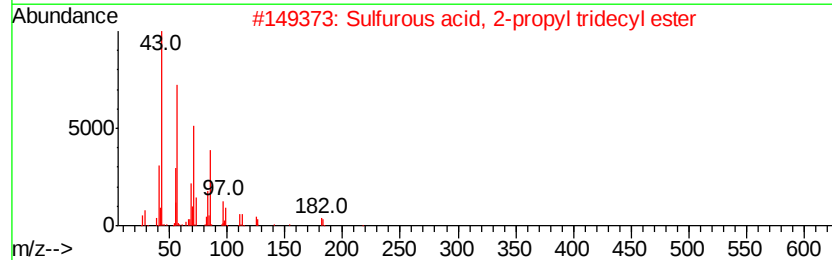
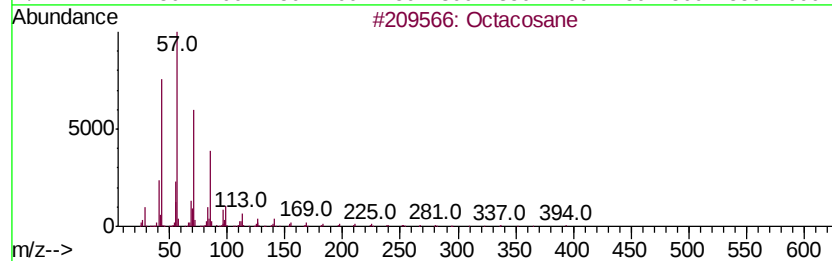
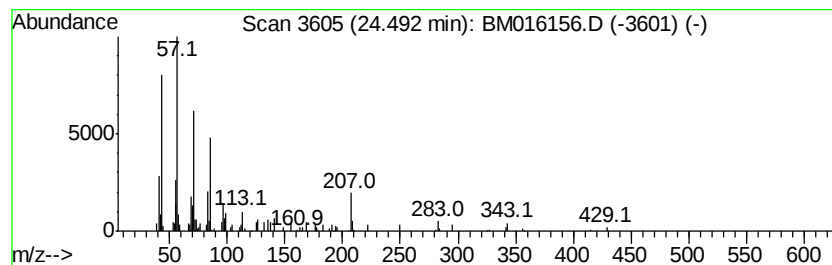
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.85 ng/ul	119917	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	68
2		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
3		Tritetracontane	605	C43H88	007098-21-7	64
4		Nonadecane	268	C19H40	000629-92-5	62
5		Heptadecane	240	C17H36	000629-78-7	62



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ClientSampleId :
C0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	18.40	4.4	ng/ul	193589	4	17.55	888709	20.0
(DEL) Alkane: Cyc...	21.35	3.1	ng/ul	158906	5	21.67	1031830	20.0
(DEL) Alkane: Str...	23.23	2.5	ng/ul	104109	6	24.03	840637	20.0
(DEL) Alkane: Str...	23.82	2.6	ng/ul	109959	6	24.03	840637	20.0
(DEL) Alkane: Str...	24.49	2.9	ng/ul	119917	6	24.03	840637	20.0