

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008792.D
 Acq On : 22 Jan 2017 04:08
 Operator : UM/SJ
 Sample : I1316-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP05

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\SOM02.2-EPA-BM010617.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	7.098	759	767	778	rBV2	512136	972957	5.75%	1.408%
2	7.281	790	798	806	rBV	304429	472385	2.79%	0.683%
3	7.475	825	831	838	rBV2	475996	763518	4.51%	1.105%
4	7.951	905	912	918	rBV	443813	699848	4.14%	1.012%
5	8.639	1022	1029	1037	rBV	552490	908351	5.37%	1.314%
6	9.110	1102	1109	1118	rBV	482384	819112	4.84%	1.185%
7	9.833	1224	1232	1242	rBV	454065	753830	4.46%	1.091%
8	10.363	1316	1322	1333	rBV	614587	995309	5.88%	1.440%
9	10.751	1382	1388	1396	rVB	516967	870229	5.15%	1.259%
10	10.886	1405	1411	1418	rBV2	531161	894903	5.29%	1.295%
11	13.986	1932	1938	1942	rBV	1023799	1395353	8.25%	2.019%
12	14.033	1942	1946	1952	rVB	550190	745654	4.41%	1.079%
13	14.274	1981	1987	1993	rBV	995845	1451899	8.58%	2.100%
14	14.580	2033	2039	2046	rVB	776178	1133909	6.70%	1.640%
15	14.763	2062	2070	2077	rBV	671102	985125	5.82%	1.425%
16	15.568	2200	2207	2215	rBV	1282921	1877321	11.10%	2.716%
17	15.680	2220	2226	2232	rBV	652715	865580	5.12%	1.252%
18	17.321	2499	2505	2511	rBV	1059338	1490462	8.81%	2.156%
19	17.421	2516	2522	2528	rVV2	1578138	2232866	13.20%	3.230%
20	17.686	2561	2567	2572	rBV	346936	431756	2.55%	0.625%
21	18.139	2639	2644	2648	rBV2	140978	183068	1.08%	0.265%
22	18.204	2649	2655	2666	rVV	1272754	1799114	10.64%	2.603%
23	19.051	2793	2799	2807	rBV	521214	681380	4.03%	0.986%
24	19.474	2866	2871	2882	rBV	909677	1243049	7.35%	1.798%
25	19.621	2891	2896	2901	rVB	15668263	16912999	100.00%	24.467%
26	19.709	2905	2911	2916	rBV	2083690	2944603	17.41%	4.260%
27	20.662	3068	3073	3078	rBV	15744309	16256759	96.12%	23.517%
28	21.180	3157	3161	3165	rBV	312575	360670	2.13%	0.522%
29	21.486	3208	3213	3220	rBV	1901912	2384679	14.10%	3.450%
30	22.421	3368	3372	3376	rBV4	142232	236579	1.40%	0.342%
31	22.562	3392	3396	3401	rBV4	176630	264441	1.56%	0.383%
32	23.697	3582	3589	3597	rVB2	1606210	3115199	18.42%	4.507%
33	23.844	3608	3614	3624	rVB	977115	1983480	11.73%	2.869%

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDP05

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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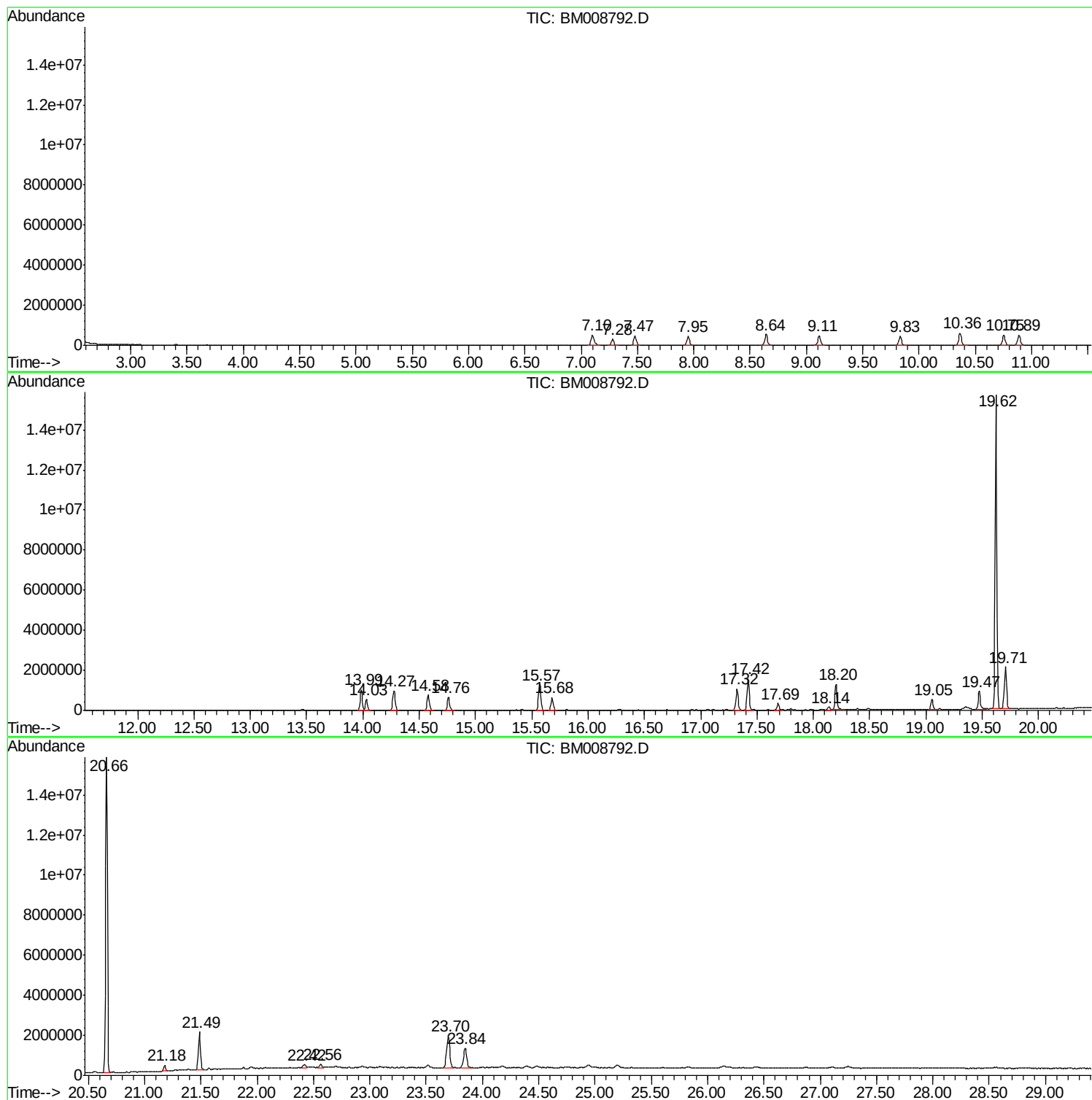
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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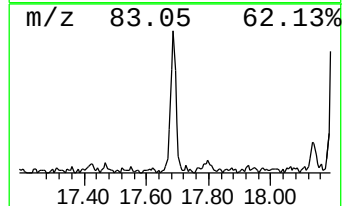
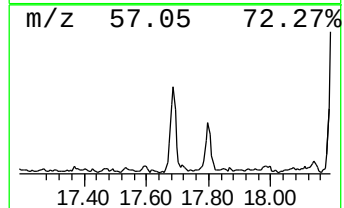
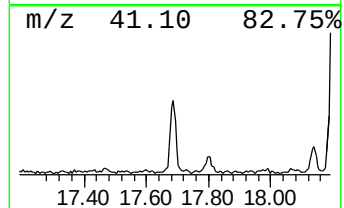
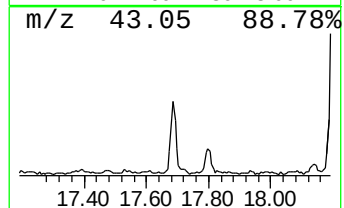
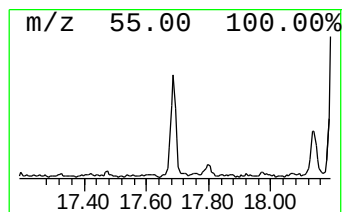
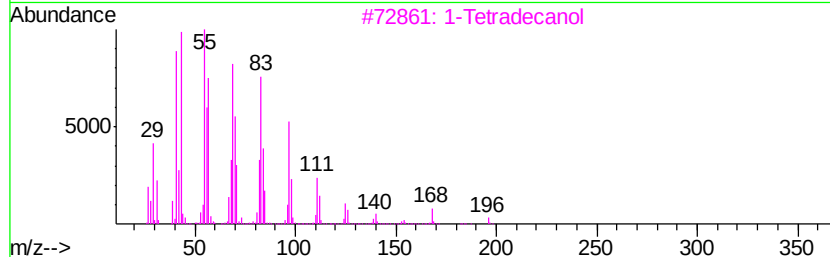
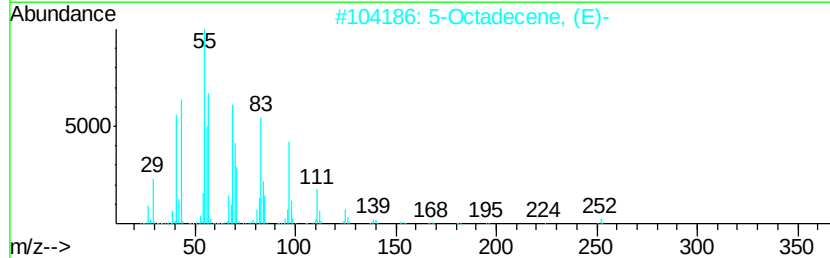
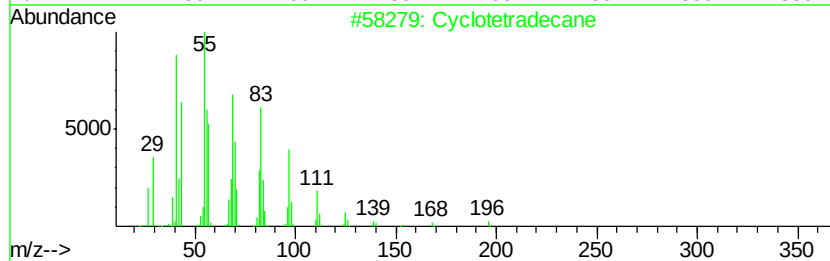
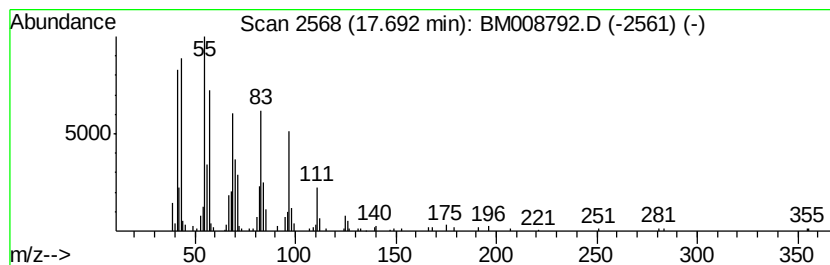
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.69	5.79 ng/ul	431756	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	91



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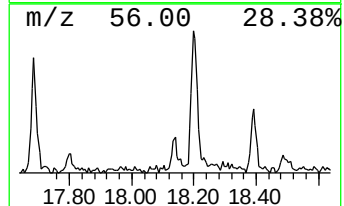
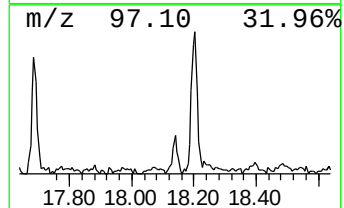
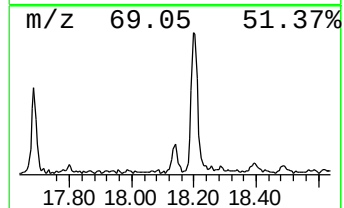
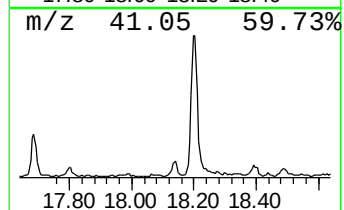
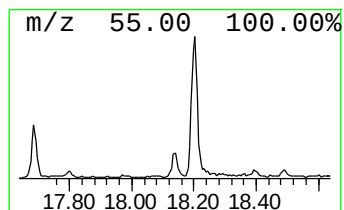
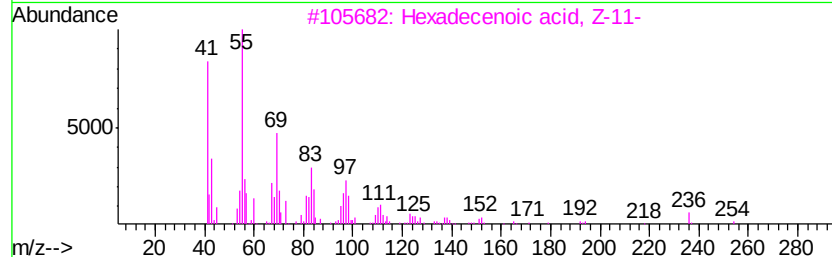
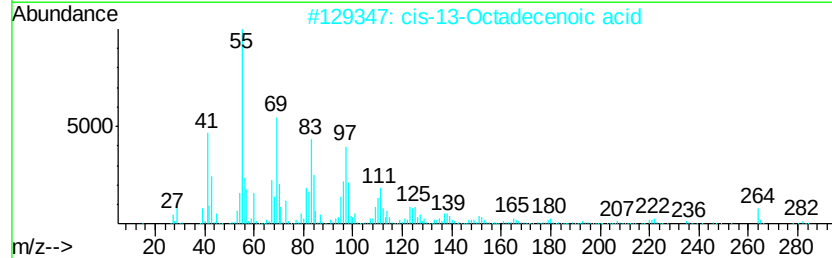
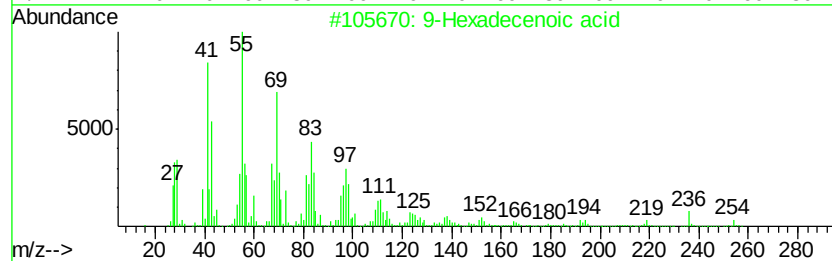
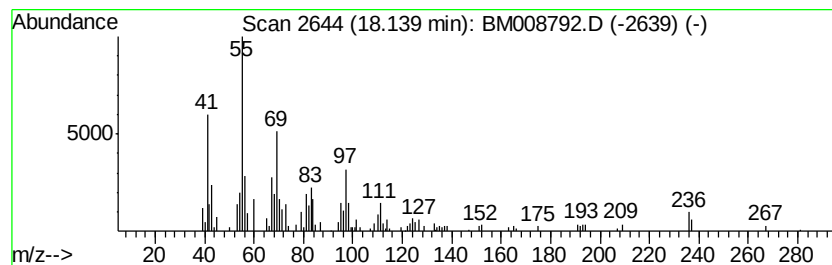
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.14	2.46 ng/ul	183068	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	68
2		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	59
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	58
4		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	58
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53



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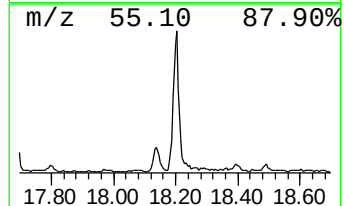
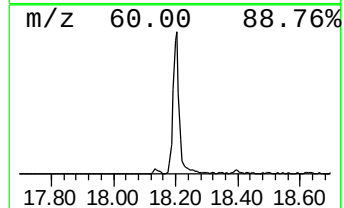
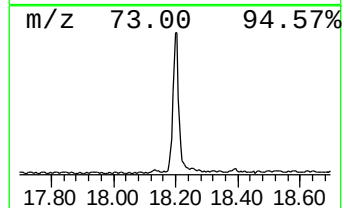
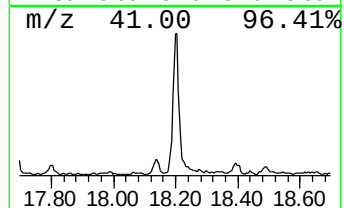
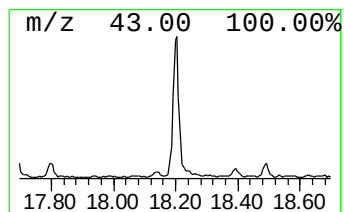
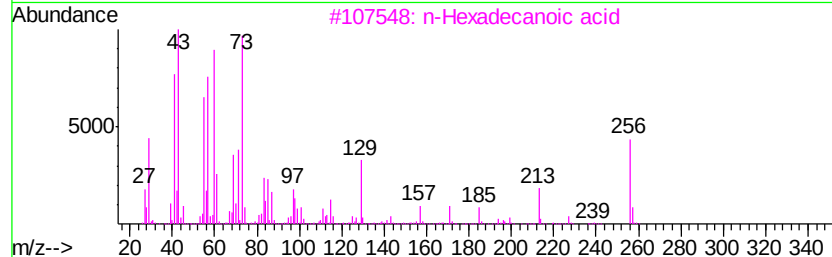
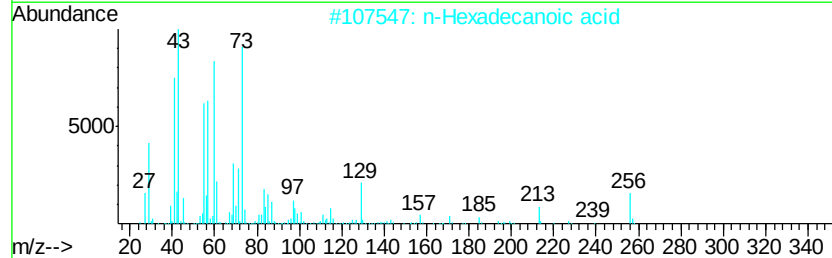
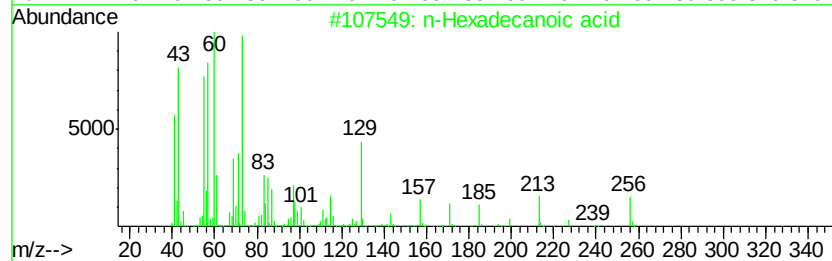
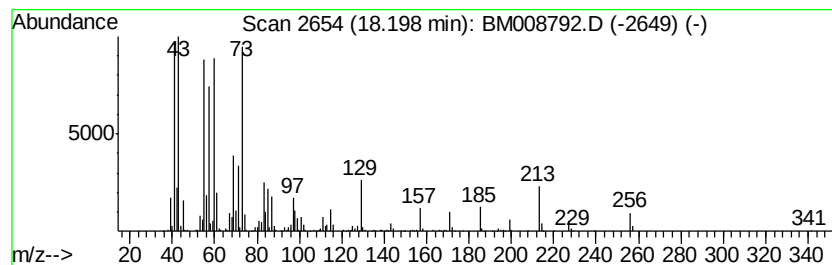
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	24.14 ng/ul	1799110	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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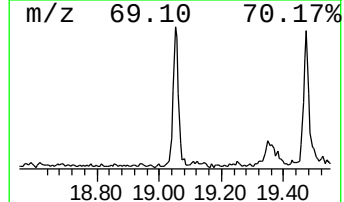
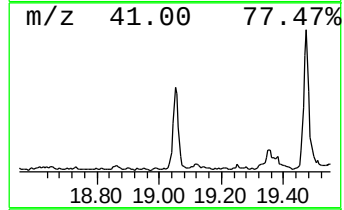
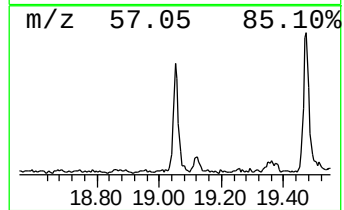
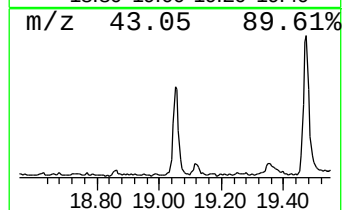
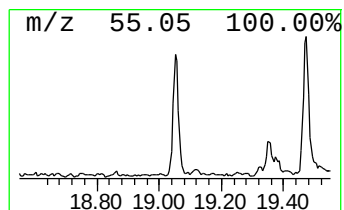
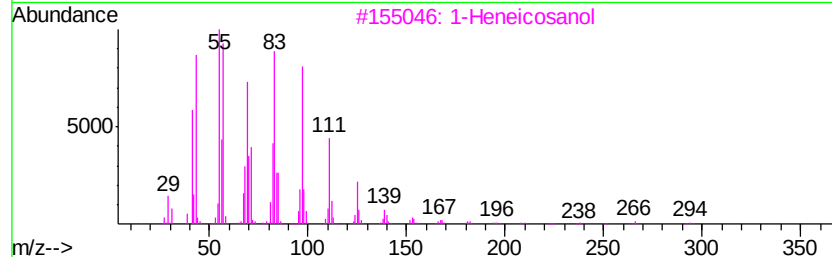
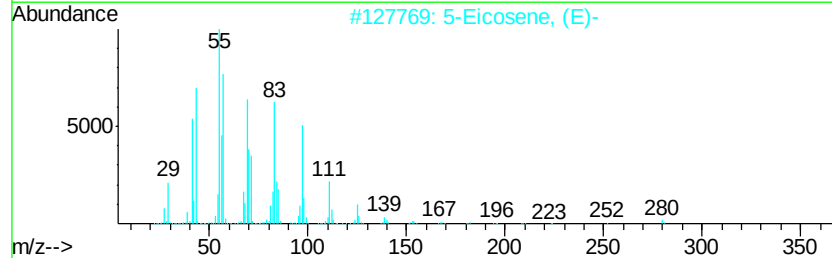
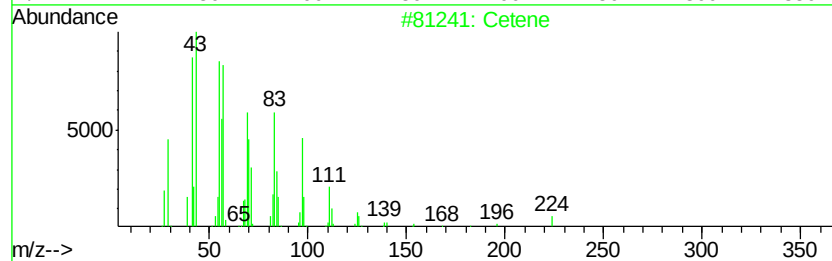
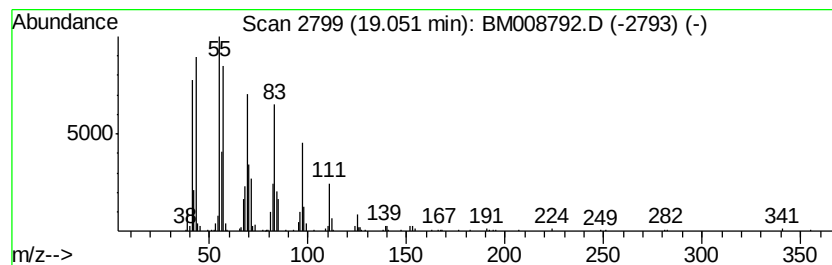
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic19.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	9.14 ng/ul	681380	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	95
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	91
4		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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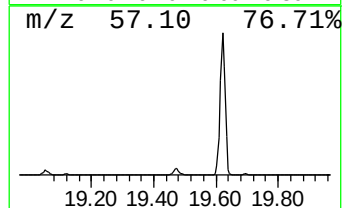
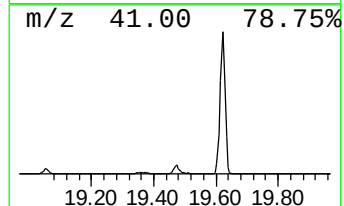
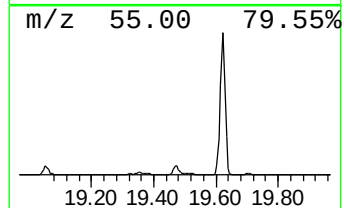
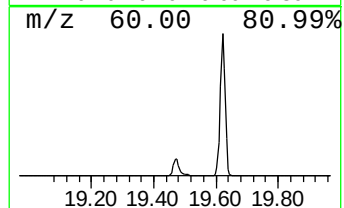
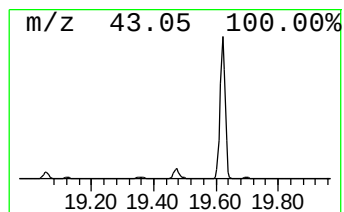
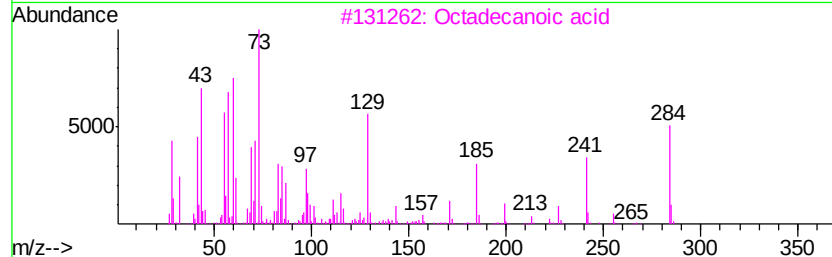
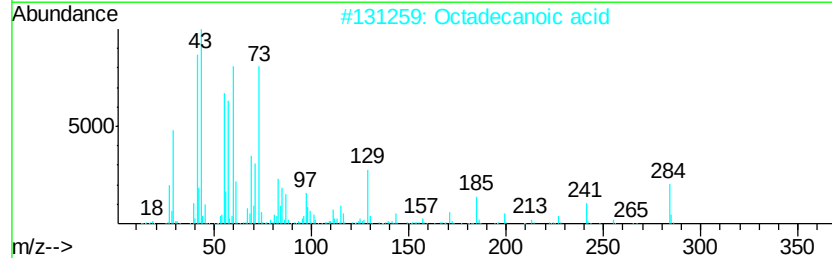
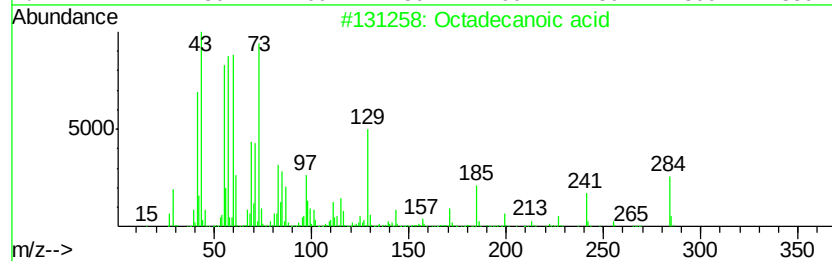
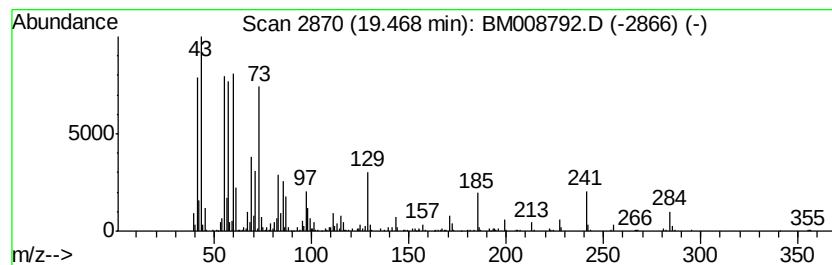
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	10.43 ng/ul	1243050	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



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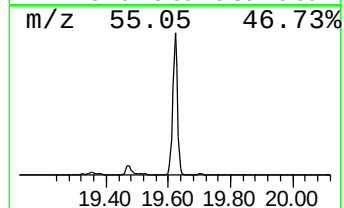
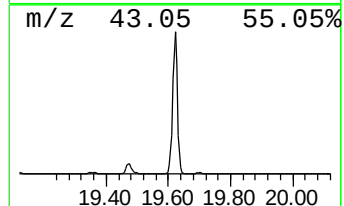
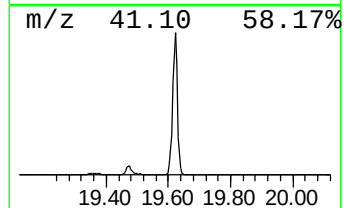
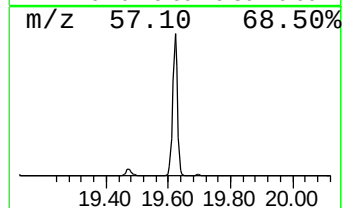
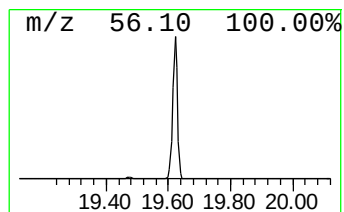
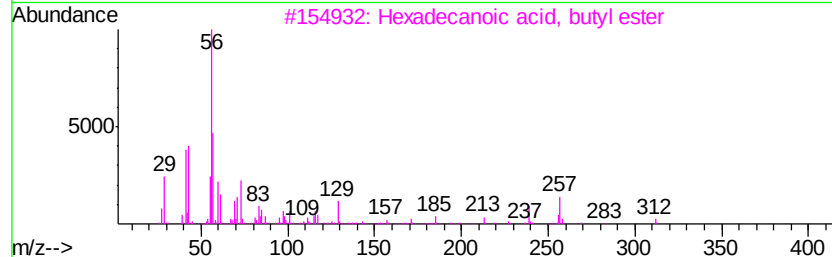
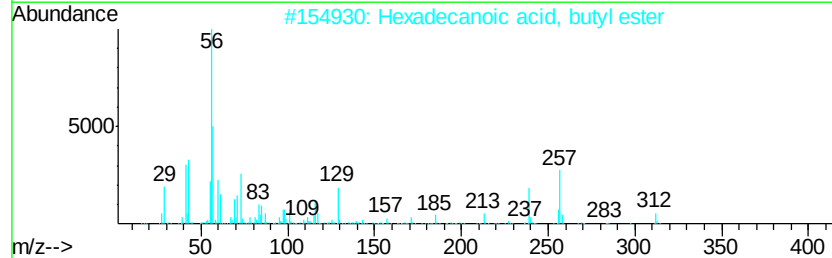
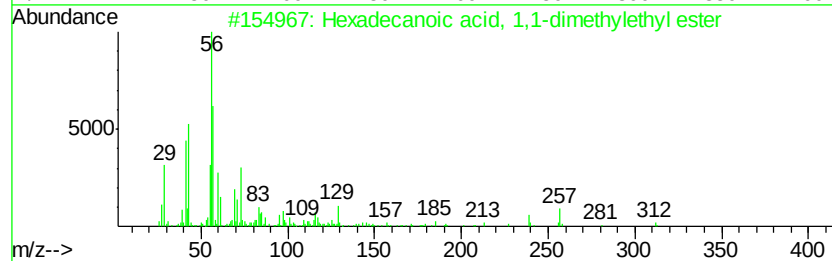
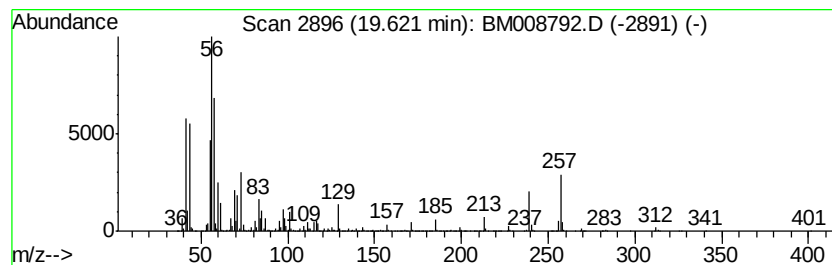
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	141.85 ng/ul	16913000	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5		Eicosanoic acid	312	C20H40O2	000506-30-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008792.D
Acq On : 22 Jan 2017 04:08
Operator : UM/SJ
Sample : I1316-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

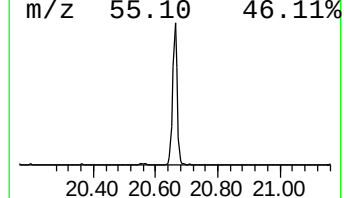
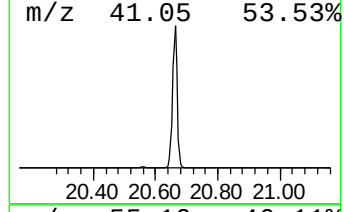
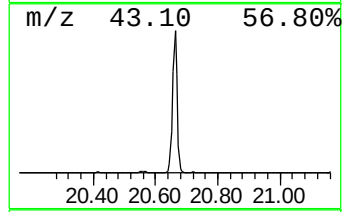
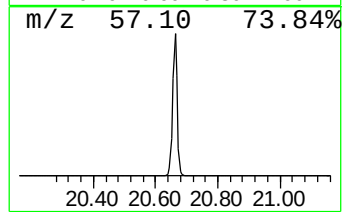
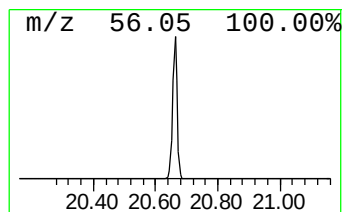
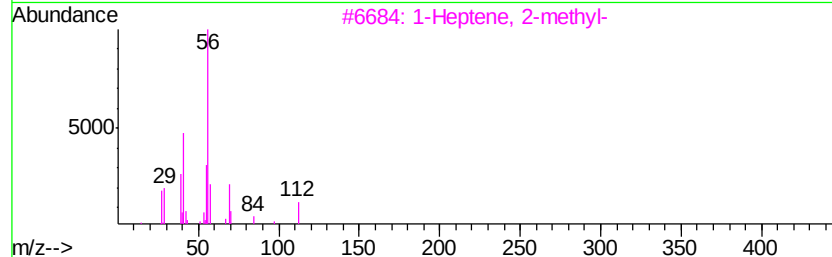
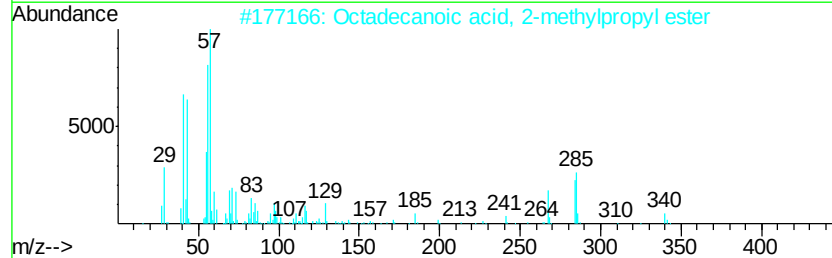
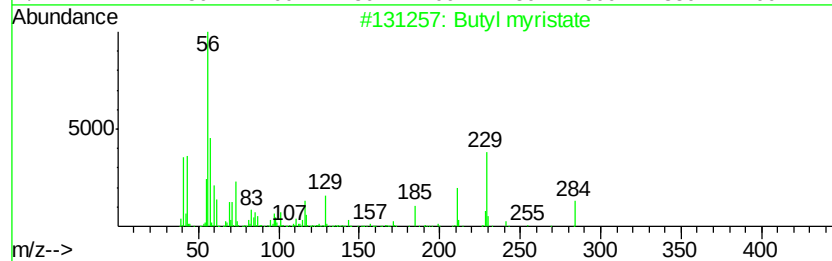
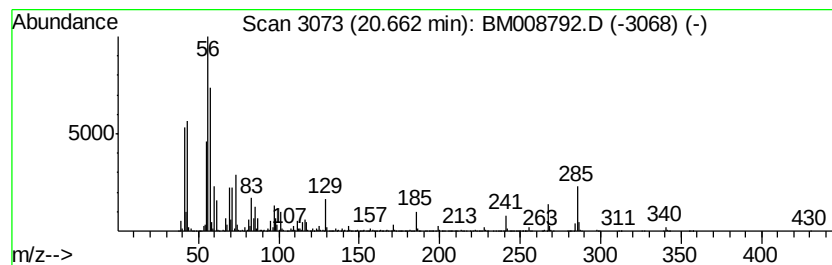
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	136.34 ng/ul	16256800	Chrysene-d12	21.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butyl myristate	284 C18H36O2	000110-36-1 58
2		Octadecanoic acid, 2-methylpropy...	340 C22H44O2	000646-13-9 46
3		1-Heptene, 2-methyl-	112 C8H16	015870-10-7 30
4		Cyclopropane, propyl-	84 C6H12	002415-72-7 30
5		1-Hexene, 4-methyl-	98 C7H14	003769-23-1 27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008792.D
Acq On : 22 Jan 2017 04:08
Operator : UM/SJ
Sample : I1316-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

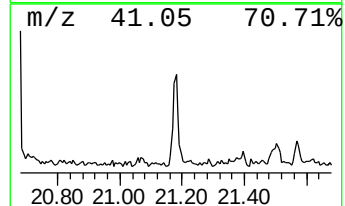
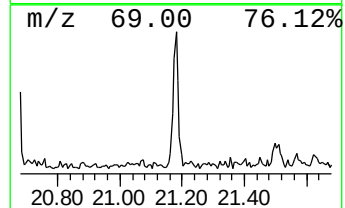
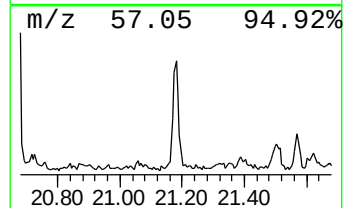
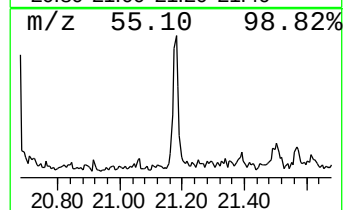
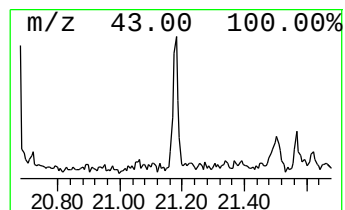
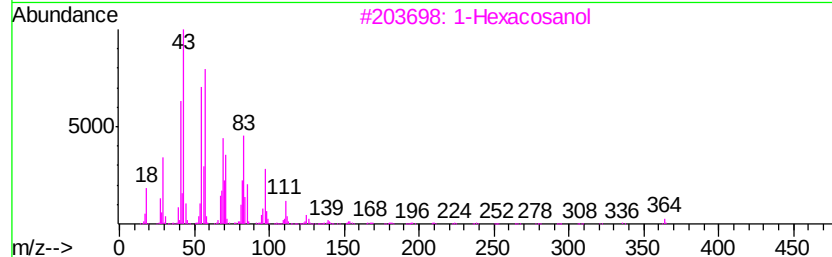
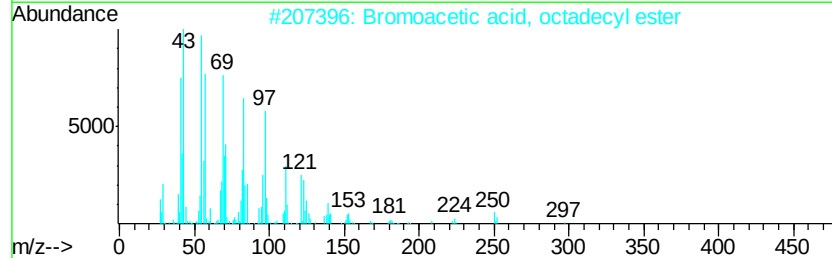
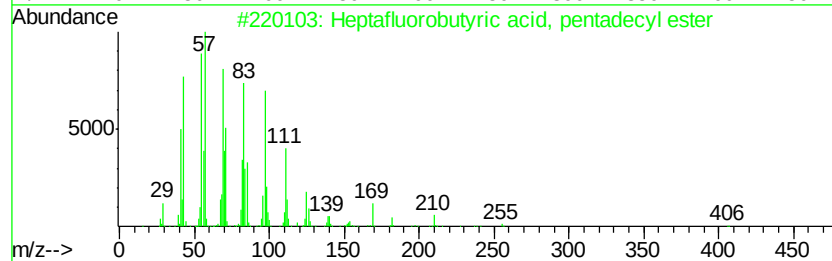
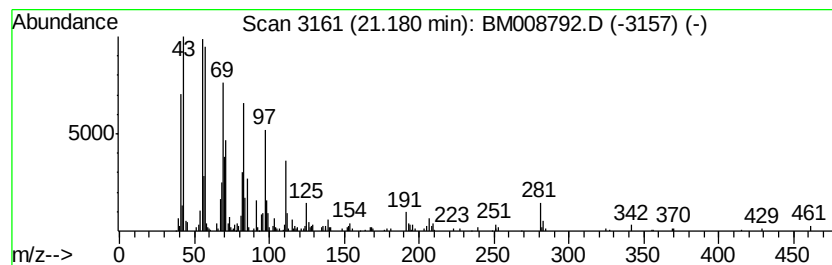
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.18	3.02 ng/ul	360670	Chrysene-d12	21.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3		1-Hexacosanol	382	C26H54O	000506-52-5	74
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	53
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008792.D
Acq On : 22 Jan 2017 04:08
Operator : UM/SJ
Sample : I1316-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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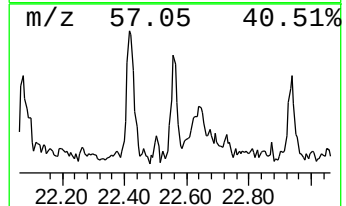
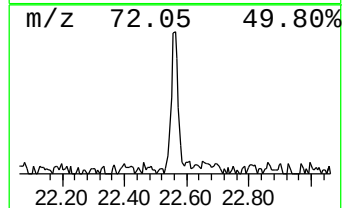
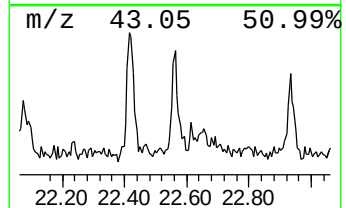
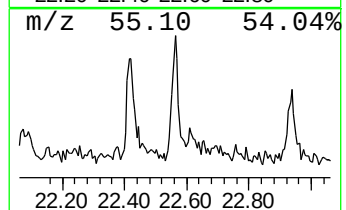
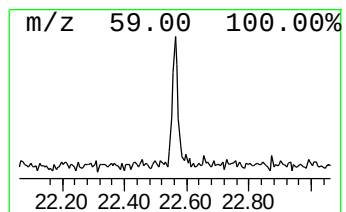
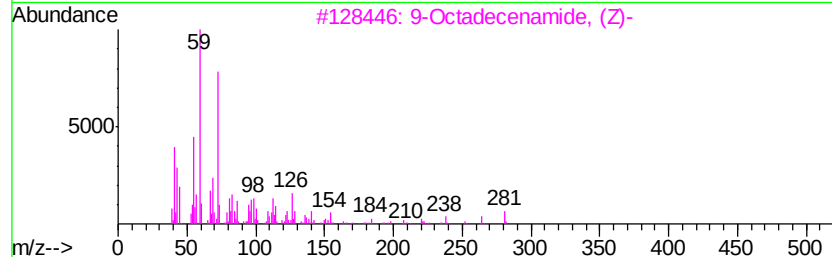
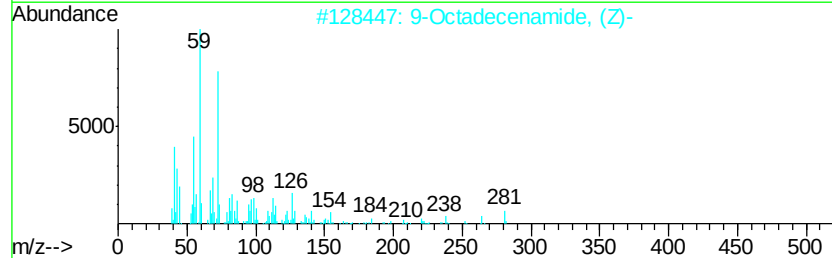
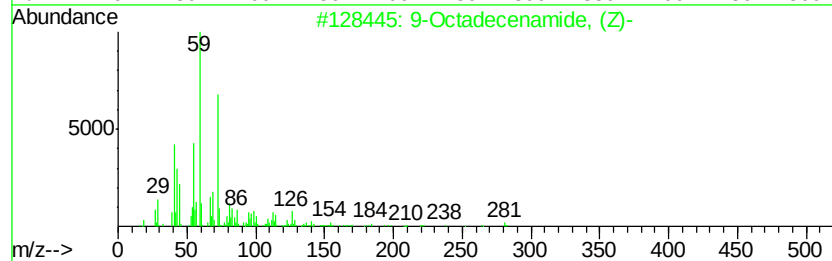
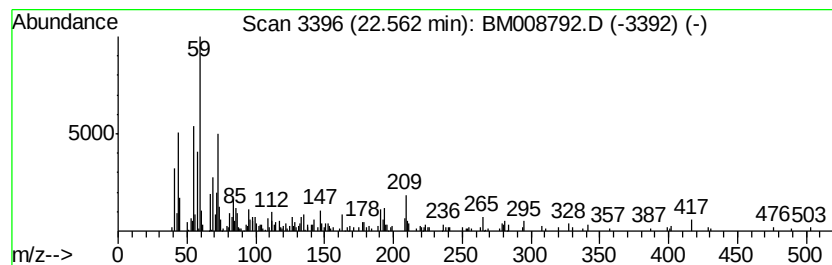
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.22 ng/ul	264441	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
5		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008792.D
 Acq On : 22 Jan 2017 04:08
 Operator : UM/SJ
 Sample : I1316-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.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
(DEL) Alkane: Cyc...	17.69	5.8	ng/ul	431756	4	17.32	1490460	20.0
9-Hexadecenoic acid	18.14	2.5	ng/ul	183068	4	17.32	1490460	20.0
n-Hexadecanoic acid	18.20	24.1	ng/ul	1799110	4	17.32	1490460	20.0
(DEL) Alkane: Cyc...	19.05	9.1	ng/ul	681380	4	17.32	1490460	20.0
Octadecanoic acid	19.47	10.4	ng/ul	1243050	5	21.49	2384680	20.0
Hexadecanoic acid...	19.62	141.8	ng/ul	16913000	5	21.49	2384680	20.0
Butyl myristate	20.66	136.3	ng/ul	16256800	5	21.49	2384680	20.0
Heptafluorobutyri...	21.18	3.0	ng/ul	360670	5	21.49	2384680	20.0
9-Octadecenamide, ...	22.56	2.2	ng/ul	264441	5	21.49	2384680	20.0