

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008790.D
 Acq On : 22 Jan 2017 02:53
 Operator : UM/SJ
 Sample : I1316-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP14

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	760	767	778	rBV3	592635	1070805	15.24%	2.214%
2	7.281	791	798	807	rVB	361516	558943	7.95%	1.156%
3	7.481	825	832	844	rVB	552601	889790	12.66%	1.840%
4	7.951	905	912	918	rBV	457099	728316	10.36%	1.506%
5	8.645	1023	1030	1037	rBV	606237	983096	13.99%	2.033%
6	9.116	1103	1110	1118	rBV	560594	956378	13.61%	1.978%
7	9.833	1223	1232	1242	rBV	539610	873977	12.44%	1.807%
8	10.363	1315	1322	1331	rBV	679142	1120967	15.95%	2.318%
9	10.751	1379	1388	1396	rBV	536096	918922	13.08%	1.900%
10	10.886	1404	1411	1421	rBV	612339	1036559	14.75%	2.143%
11	13.986	1931	1938	1942	rBV	1166021	1584999	22.55%	3.277%
12	14.033	1942	1946	1953	rVB	285747	396291	5.64%	0.819%
13	14.274	1980	1987	1994	rBV	1104974	1637645	23.30%	3.386%
14	14.580	2033	2039	2046	rVB	839302	1188606	16.91%	2.458%
15	14.762	2060	2070	2080	rBV	741275	1089007	15.50%	2.252%
16	15.568	2202	2207	2219	rVB	1398788	2074307	29.52%	4.289%
17	15.680	2220	2226	2233	rVV	713916	964085	13.72%	1.994%
18	16.268	2321	2326	2329	rBV2	68923	93201	1.33%	0.193%
19	17.321	2499	2505	2511	rBV	1111061	1564845	22.27%	3.236%
20	17.421	2516	2522	2529	rVB	1807737	2472692	35.19%	5.113%
21	18.197	2649	2654	2661	rBV	264117	371735	5.29%	0.769%
22	19.468	2866	2870	2875	rBV3	153914	196954	2.80%	0.407%
23	19.621	2891	2896	2901	rVB	6496195	7027343	100.00%	14.531%
24	19.709	2905	2911	2919	rVB	2267281	3077451	43.79%	6.364%
25	20.662	3068	3073	3078	rBV	6182021	6280675	89.37%	12.987%
26	21.180	3157	3161	3166	rBV2	228886	291520	4.15%	0.603%
27	21.485	3208	3213	3220	rBV	1730931	2222390	31.62%	4.595%
28	22.562	3393	3396	3401	rVB2	135448	172633	2.46%	0.357%
29	23.097	3484	3487	3495	rVB	196439	293931	4.18%	0.608%
30	23.697	3583	3589	3600	rVB2	1797632	3469399	49.37%	7.174%
31	23.850	3608	3615	3624	rVB	975837	1941411	27.63%	4.014%
32	24.397	3704	3708	3715	rVB4	216161	448111	6.38%	0.927%
33	25.197	3841	3844	3851	rVB3	188051	363776	5.18%	0.752%

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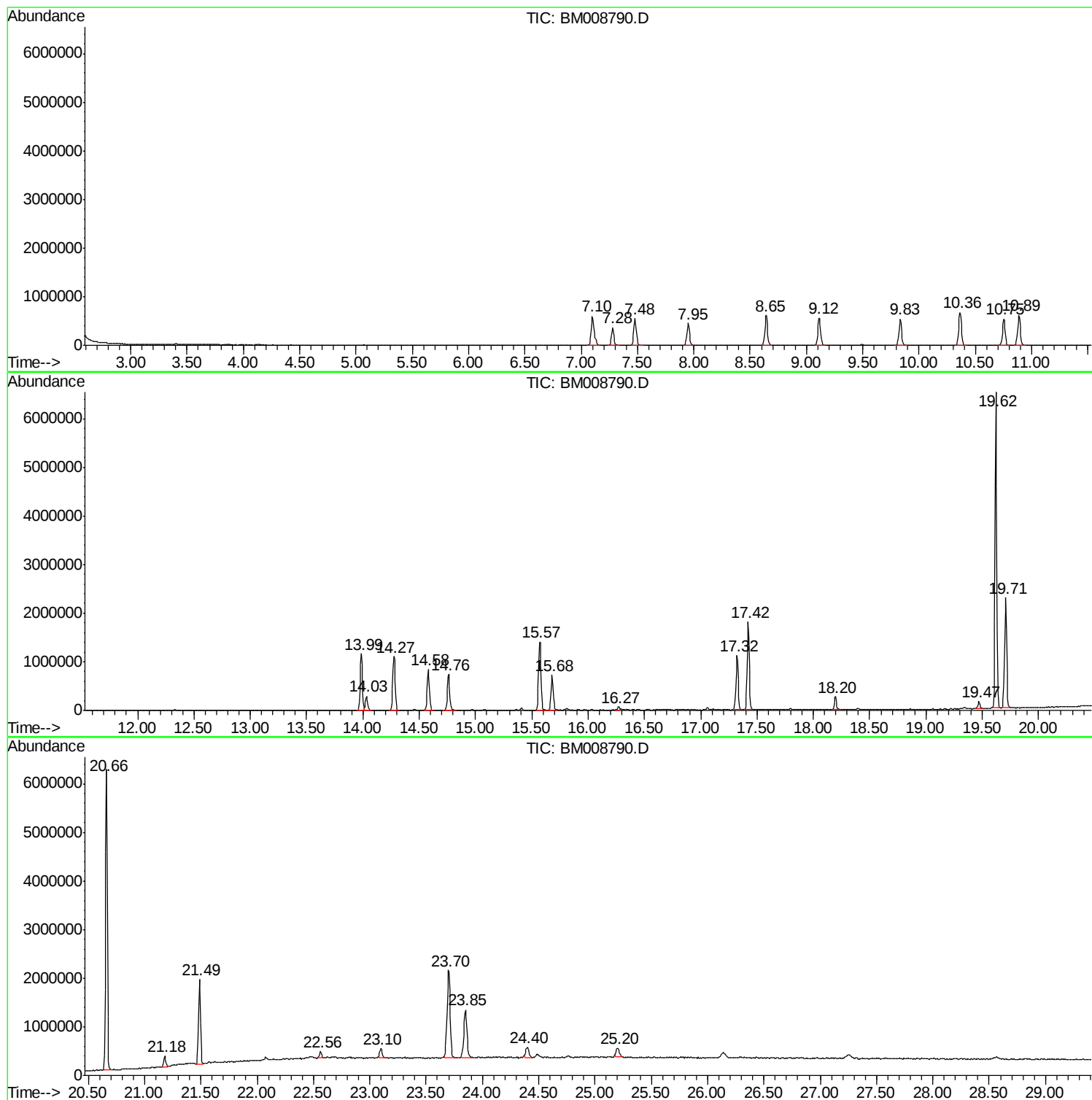
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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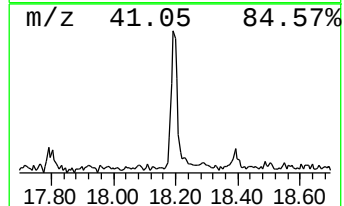
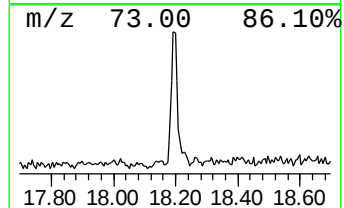
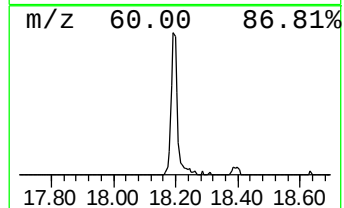
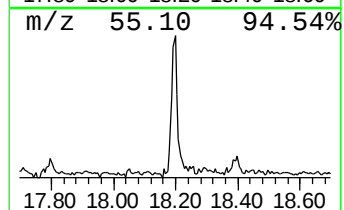
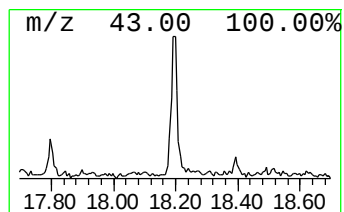
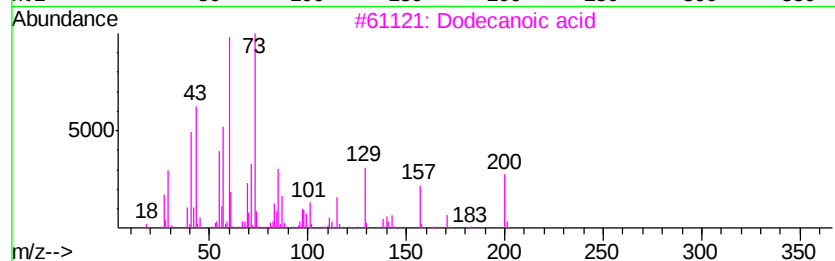
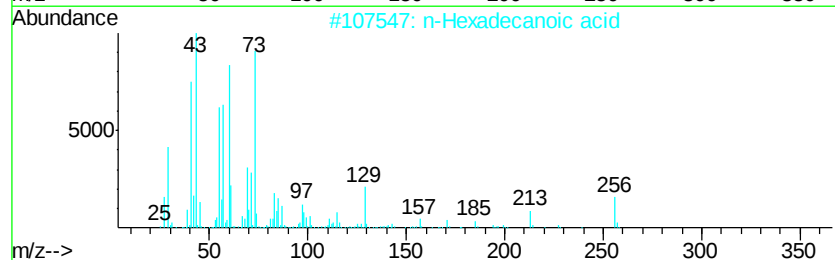
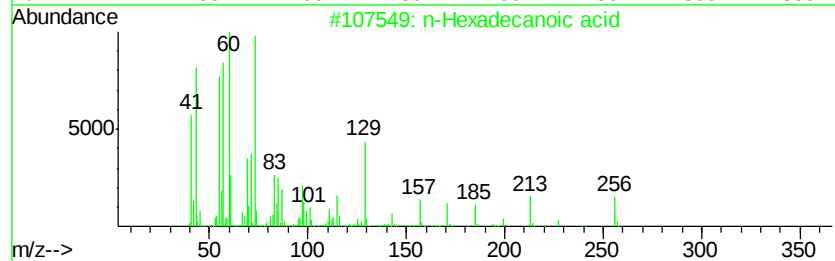
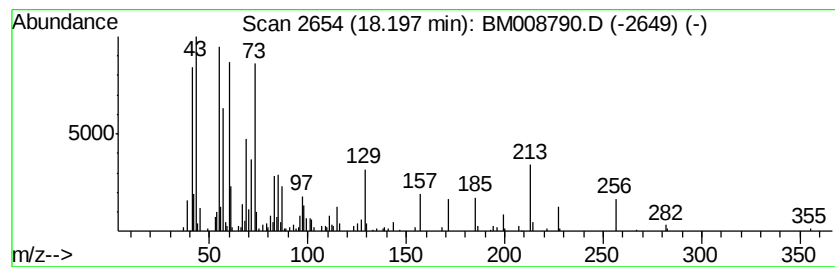
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.20	4.75 ng/ul	371735	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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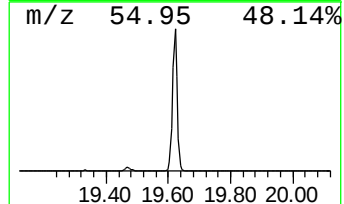
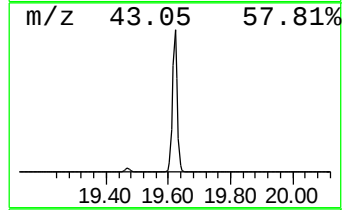
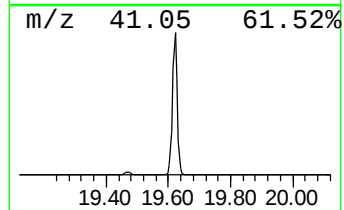
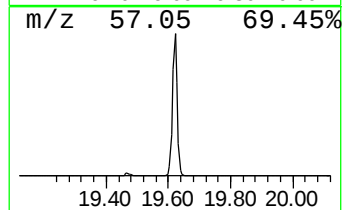
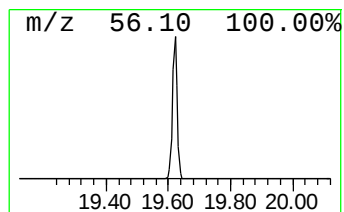
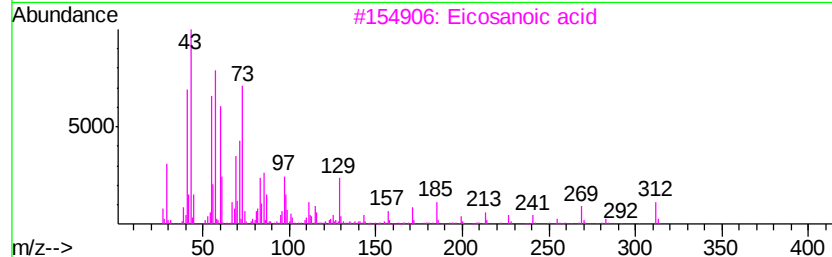
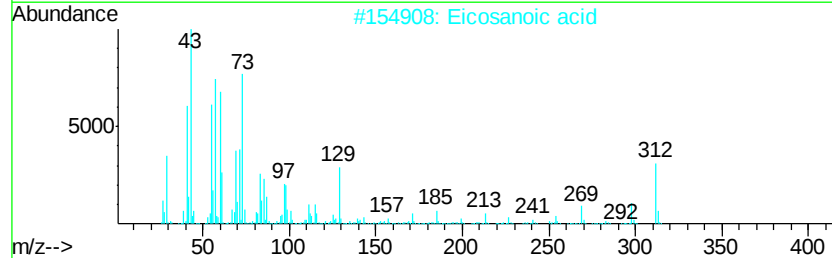
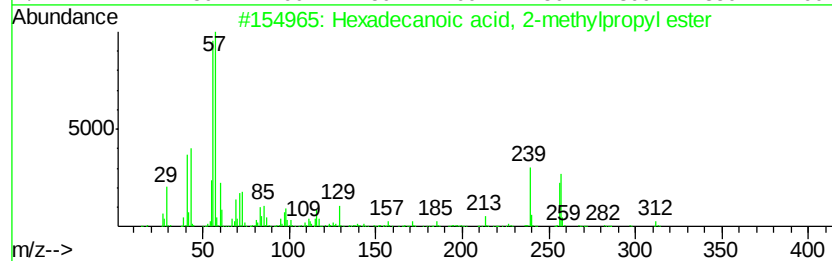
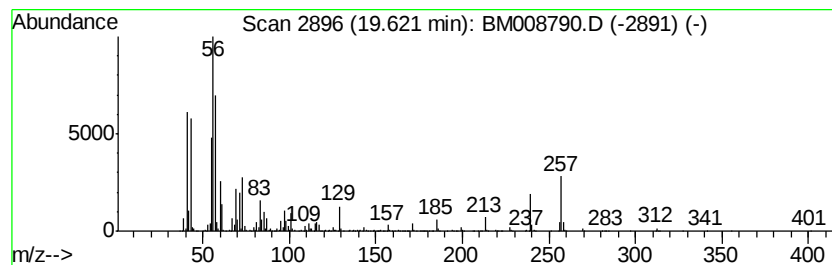
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	63.24 ng/ul	7027340	Chrysene-d12	21.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	74	
2	Eicosanoic acid	312	C20H40O2	000506-30-9	72	
3	Eicosanoic acid	312	C20H40O2	000506-30-9	72	
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43	
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43	



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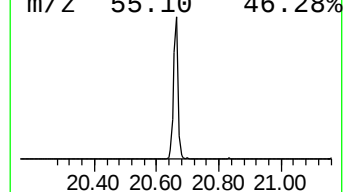
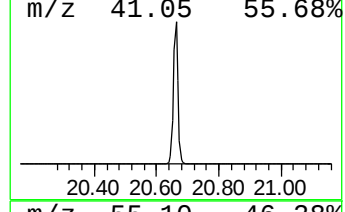
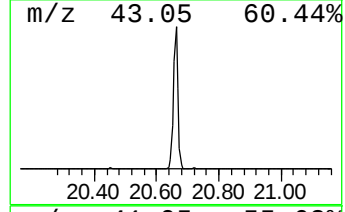
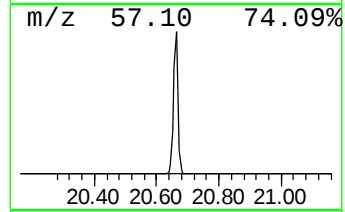
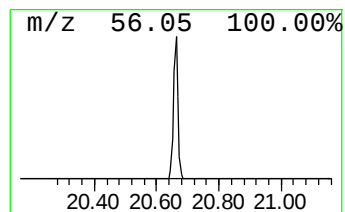
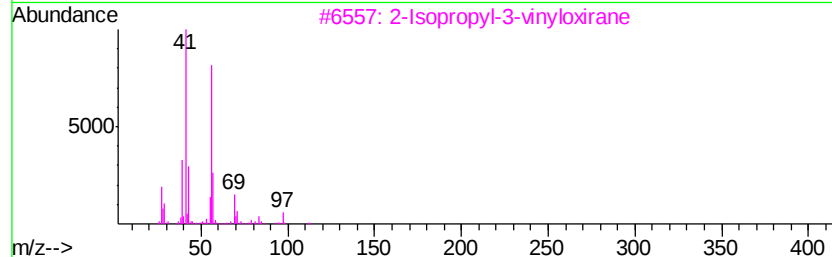
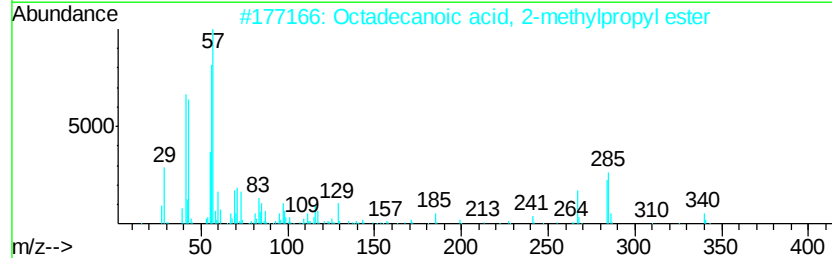
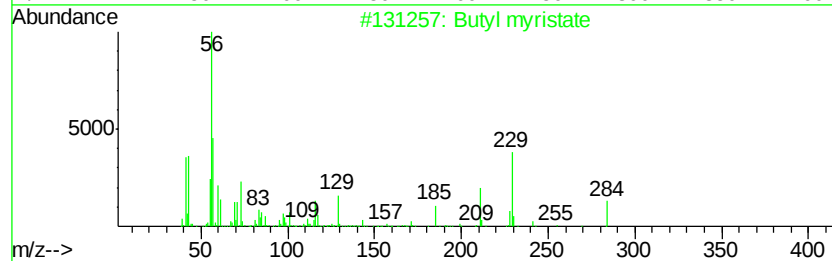
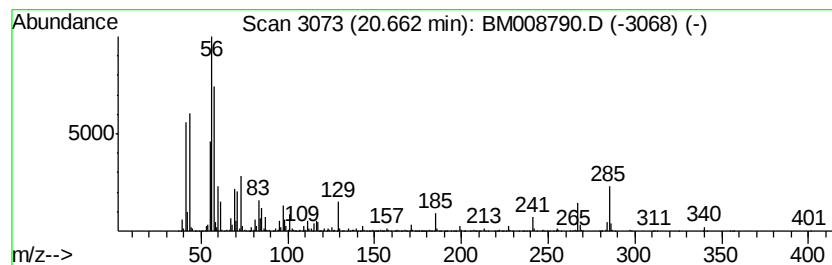
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	56.52 ng/ul	6280680	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	49
3	2-Isopropyl-3-vinyloxirane	112 C7H12O	070777-23-0	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196 C14H28	062338-30-1	35
5	Urea, N,N'-di-2-propenyl-	140 C7H12N2O	001801-72-5	35



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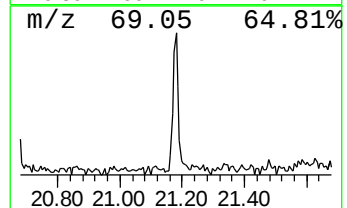
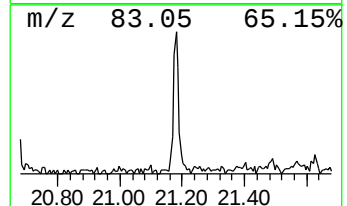
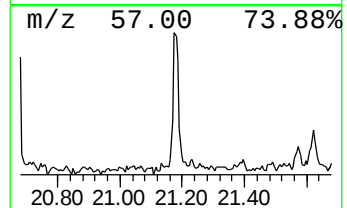
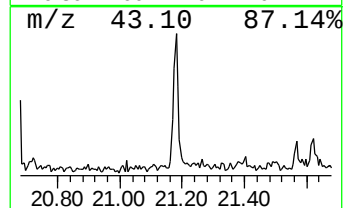
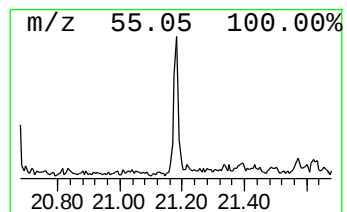
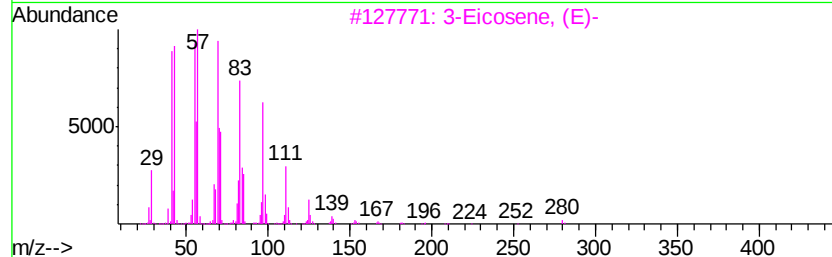
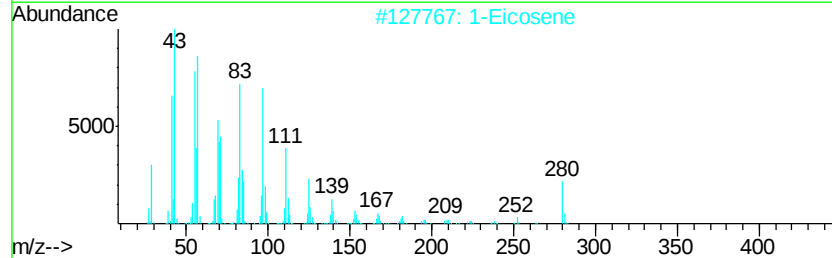
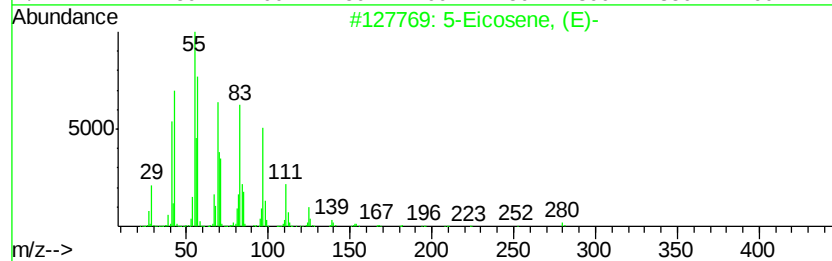
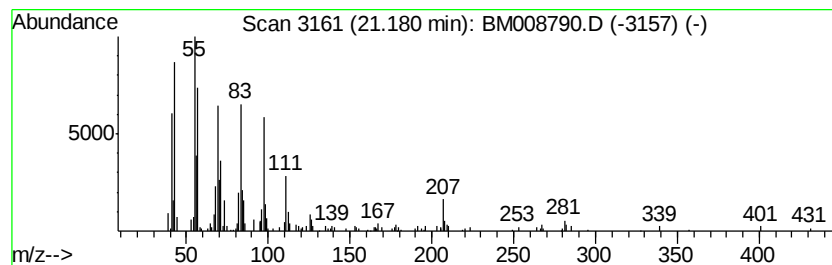
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.18	2.62 ng/ul	291520	Chrysene-d12	21.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Eicosene	280	C20H40	003452-07-1	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Cycloeicosane	280	C20H40	000296-56-0	91



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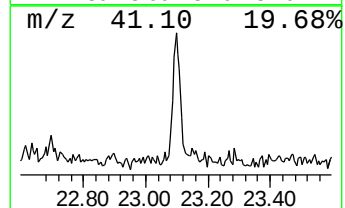
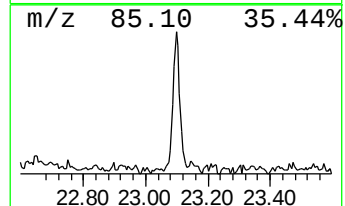
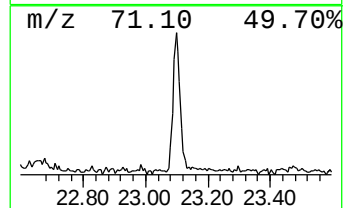
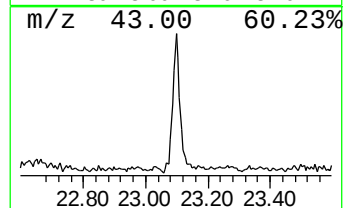
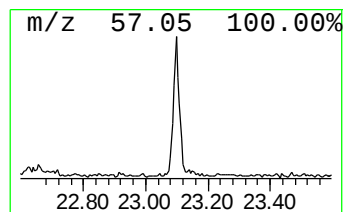
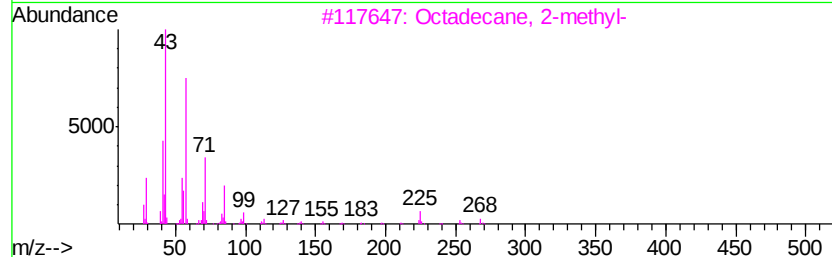
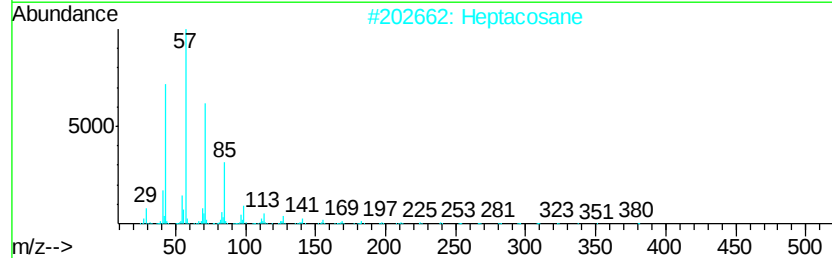
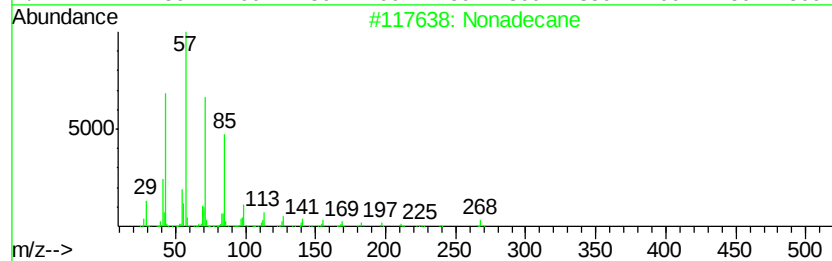
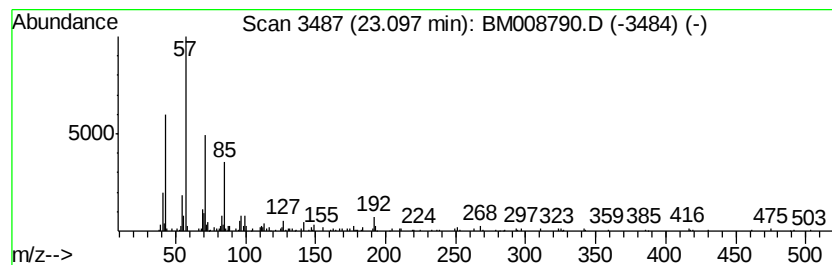
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	3.03 ng/ul	293931	Perylene-d12	23.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Heptacosane	380	C27H56	000593-49-7	72
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
4		5-Ethyldecane	170	C12H26	017302-36-2	64
5		Tetratetracontane	619	C44H90	007098-22-8	64



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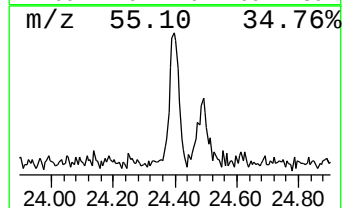
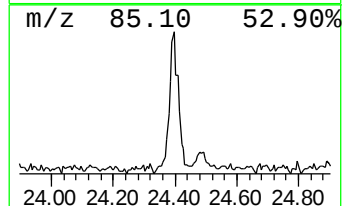
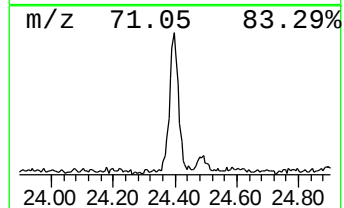
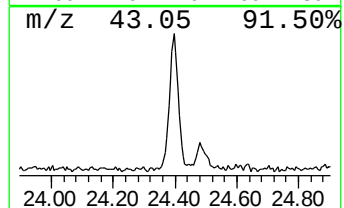
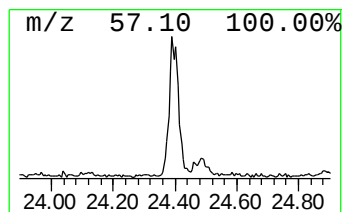
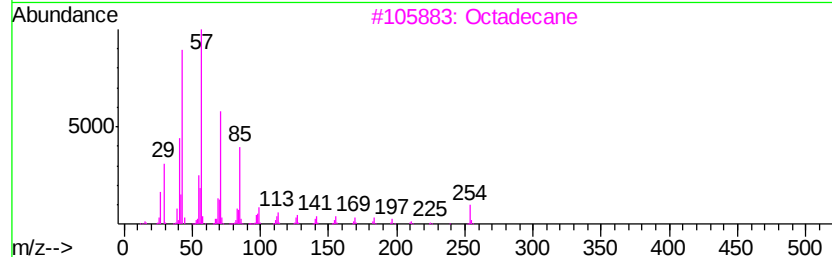
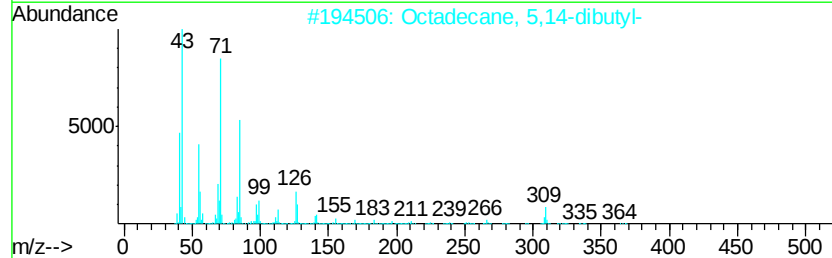
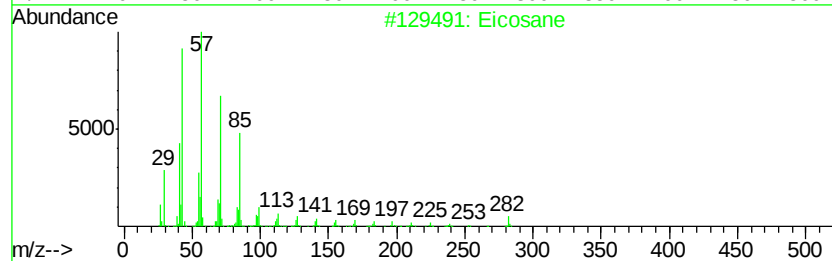
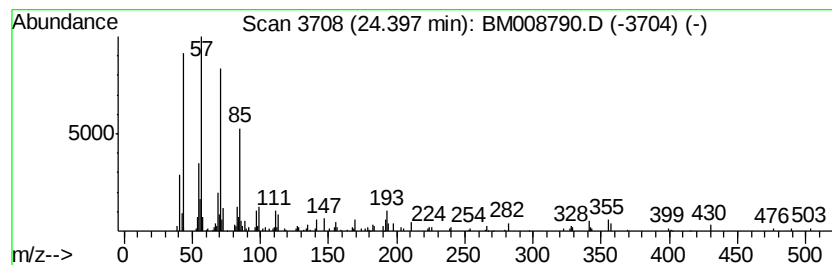
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.40	4.62 ng/ul	448111	Perylene-d12	23.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	74
3		Octadecane	254	C18H38	000593-45-3	74
4		Heptacosane	380	C27H56	000593-49-7	74
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008790.D
Acq On : 22 Jan 2017 02:53
Operator : UM/SJ
Sample : I1316-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDP14

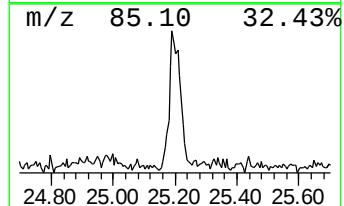
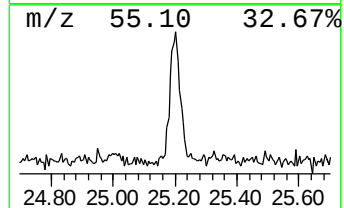
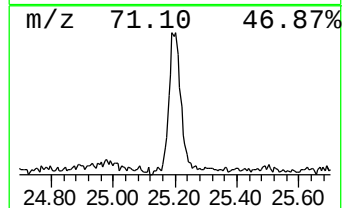
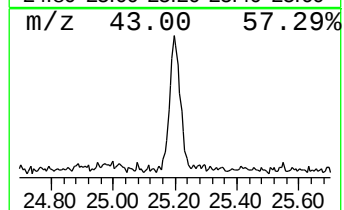
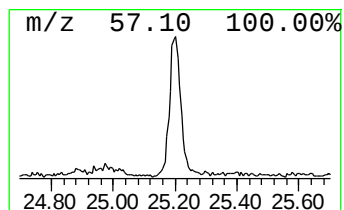
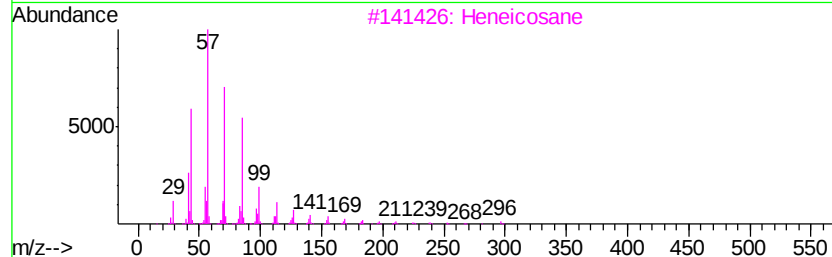
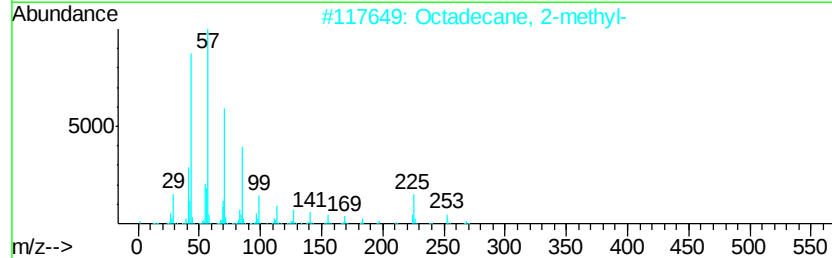
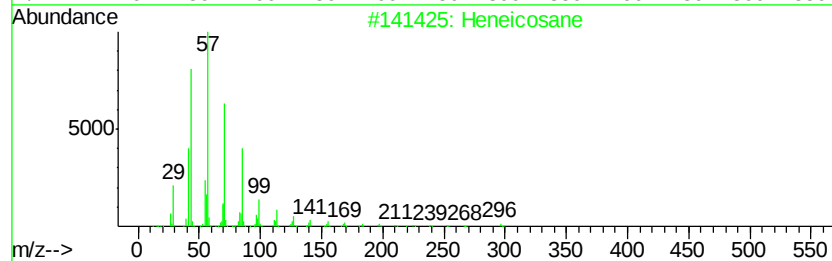
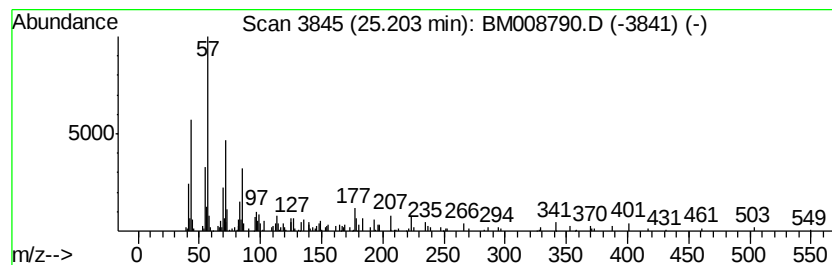
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	3.75 ng/ul	363776	Perylene-d12	23.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008790.D
Acq On : 22 Jan 2017 02:53
Operator : UM/SJ
Sample : I1316-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDP14

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
n-Hexadecanoic acid	18.20	4.8	ng/ul	371735	4	17.32	1564850	20.0
Hexadecanoic acid...	19.62	63.2	ng/ul	7027340	5	21.49	2222390	20.0
Butyl myristate	20.66	56.5	ng/ul	6280680	5	21.49	2222390	20.0
(DEL) Alkane: Cyc...	21.18	2.6	ng/ul	291520	5	21.49	2222390	20.0
(DEL) Alkane: Str...	23.10	3.0	ng/ul	293931	6	23.85	1941410	20.0
(DEL) Alkane: Str...	24.40	4.6	ng/ul	448111	6	23.85	1941410	20.0
(DEL) Alkane: Str...	25.20	3.8	ng/ul	363776	6	23.85	1941410	20.0