

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
 Data File : BM008947.D
 Acq On : 31 Jan 2017 19:39
 Operator : SJ/MA
 Sample : I1467-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMW3

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-BM013017.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	7.063	753	761	773	rBV2	444285	807399	27.62%	2.639%
2	7.245	785	792	800	rBV	296941	449648	15.38%	1.470%
3	7.445	817	826	834	rBV	445932	717750	24.56%	2.346%
4	7.916	900	906	914	rBV	492069	762433	26.09%	2.492%
5	8.610	1017	1024	1030	rBV2	463095	744596	25.47%	2.434%
6	9.081	1097	1104	1114	rVB	479732	787134	26.93%	2.573%
7	9.798	1218	1226	1237	rBV	406009	664722	22.74%	2.173%
8	10.328	1310	1316	1326	rVB	527248	873373	29.88%	2.855%
9	10.716	1375	1382	1389	rVB	557208	928650	31.77%	3.035%
10	10.857	1399	1406	1414	rVB	276106	464058	15.88%	1.517%
11	13.957	1923	1933	1938	rBV	714197	982222	33.60%	3.211%
12	14.004	1938	1941	1947	rVB	135644	181788	6.22%	0.594%
13	14.251	1975	1983	1990	rVB	824559	1224120	41.88%	4.001%
14	14.557	2028	2035	2040	rVB	762187	1122674	38.41%	3.670%
15	14.739	2058	2066	2081	rBV	447178	665210	22.76%	2.174%
16	15.380	2171	2175	2179	rVB3	38623	49670	1.70%	0.162%
17	15.545	2197	2203	2209	rBV	1080083	1493130	51.08%	4.881%
18	15.657	2217	2222	2232	rVB2	329977	464997	15.91%	1.520%
19	15.786	2236	2244	2249	rBV5	23524	38483	1.32%	0.126%
20	16.239	2317	2321	2329	rBV2	52018	88897	3.04%	0.291%
21	17.033	2452	2456	2461	rBV	48792	56943	1.95%	0.186%
22	17.298	2496	2501	2508	rBV	941466	1352046	46.26%	4.419%
23	17.398	2512	2518	2524	rBV	1194569	1656013	56.66%	5.413%
24	17.662	2553	2563	2568	rBV7	45146	82354	2.82%	0.269%
25	18.168	2644	2649	2655	rBV2	242966	316153	10.82%	1.033%
26	19.033	2790	2796	2804	rBV	170911	264104	9.04%	0.863%
27	19.321	2839	2845	2851	rBV7	33806	60496	2.07%	0.198%
28	19.445	2861	2866	2870	rBV2	128088	163218	5.58%	0.534%
29	19.598	2886	2892	2900	rBV	2496220	2922876	100.00%	9.554%
30	19.686	2901	2907	2914	rVB2	1397795	1939136	66.34%	6.338%
31	20.639	3064	3069	3074	rBV	2291535	2530634	86.58%	8.272%
32	21.156	3153	3157	3166	rBV2	233974	311023	10.64%	1.017%
33	21.468	3205	3210	3216	rBV	1380695	1800214	61.59%	5.884%
34	22.668	3411	3414	3423	rVB	105063	157435	5.39%	0.515%

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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 >
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35	23.674	3578	3585	3594	rVB2	993553	1932044	66.10%	6.315%
36	23.827	3604	3611	3621	rVB2	801695	1537712	52.61%	5.026%

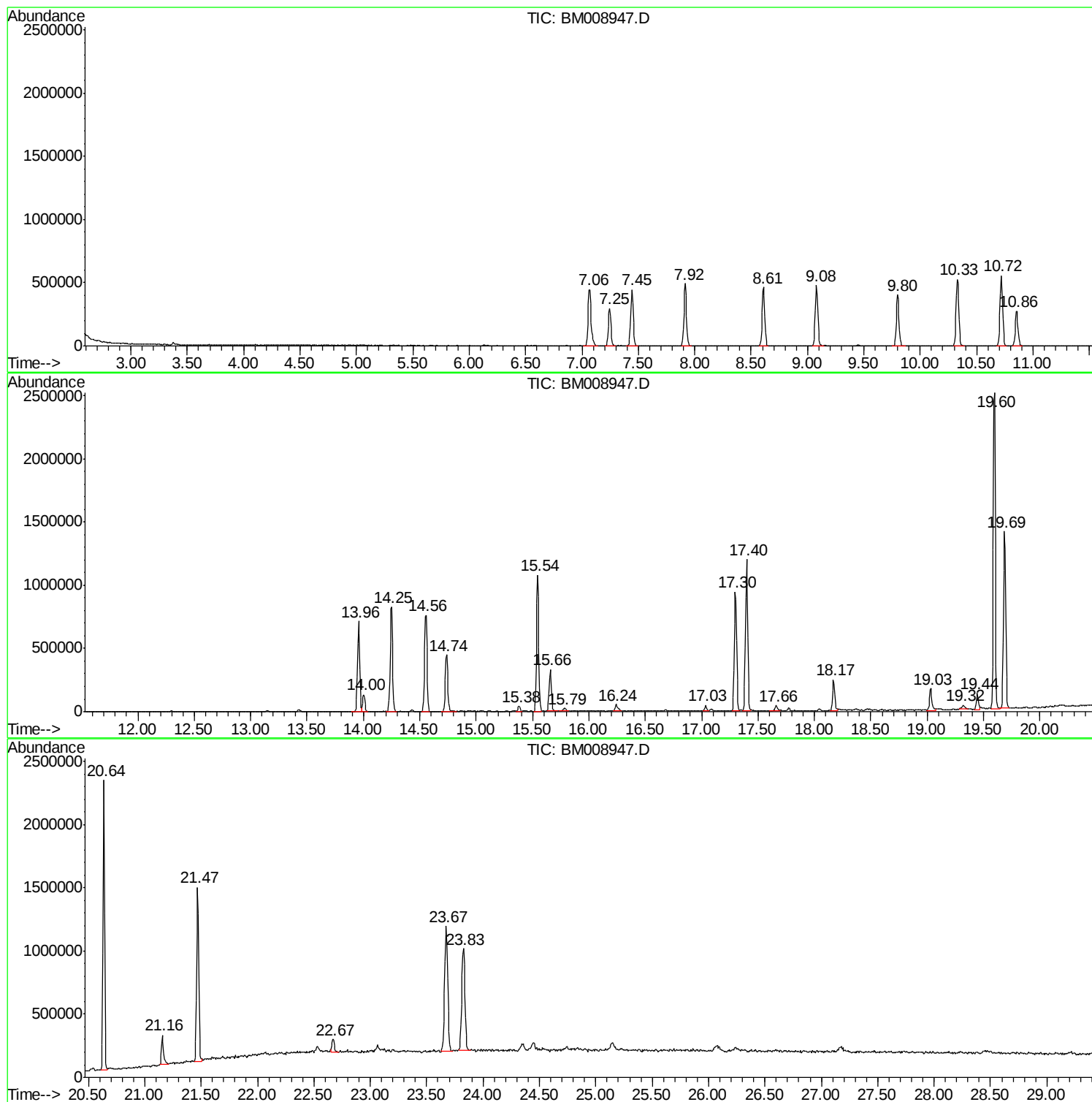
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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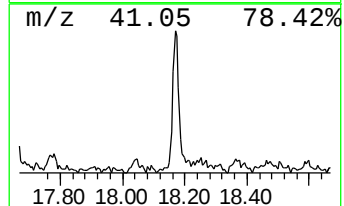
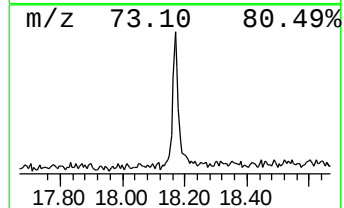
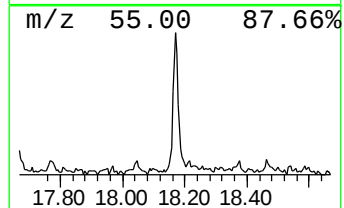
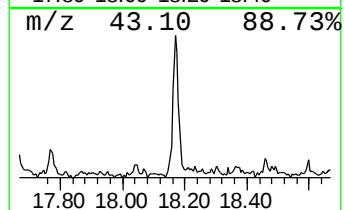
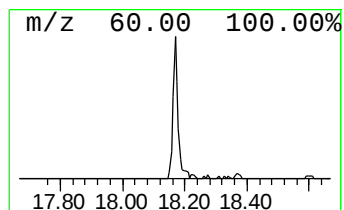
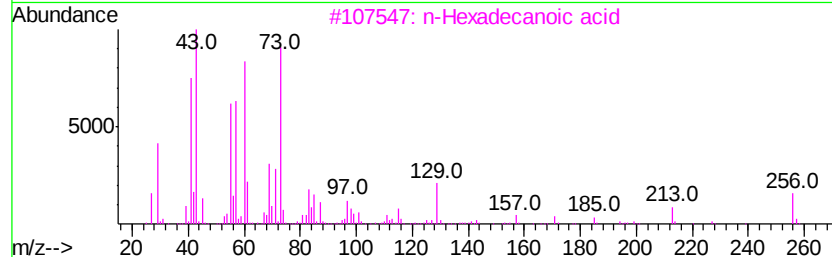
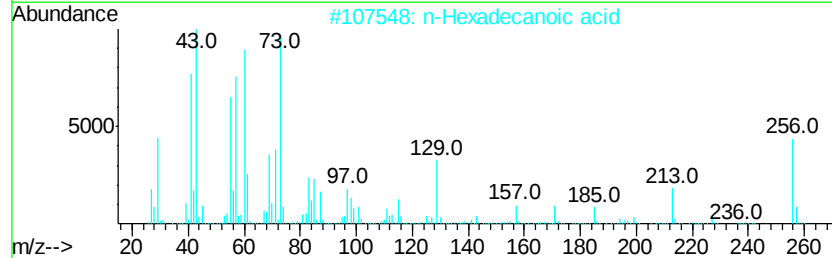
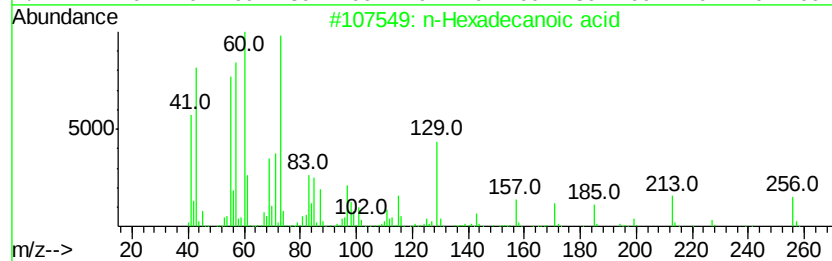
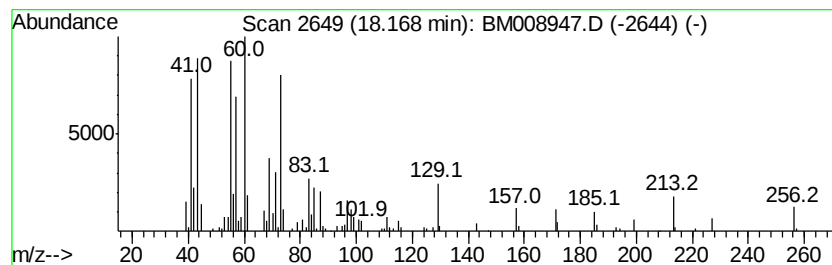
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.68 ng/ul	316153	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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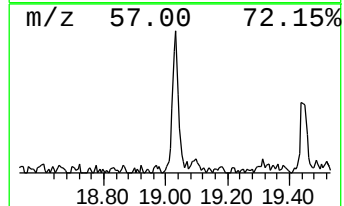
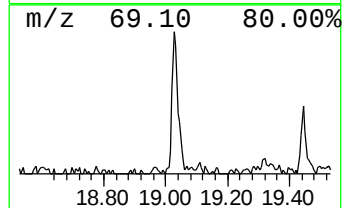
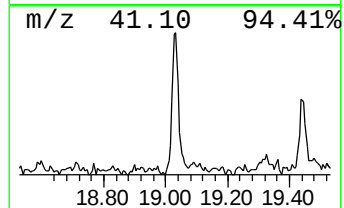
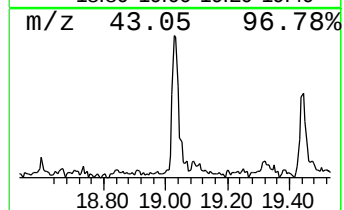
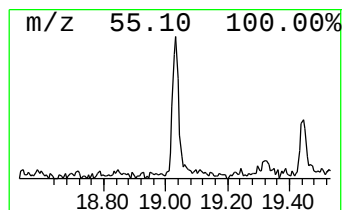
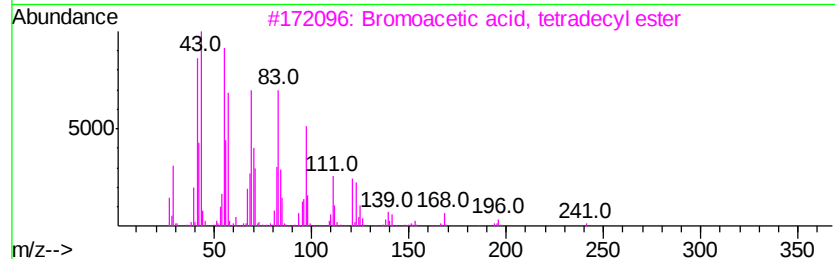
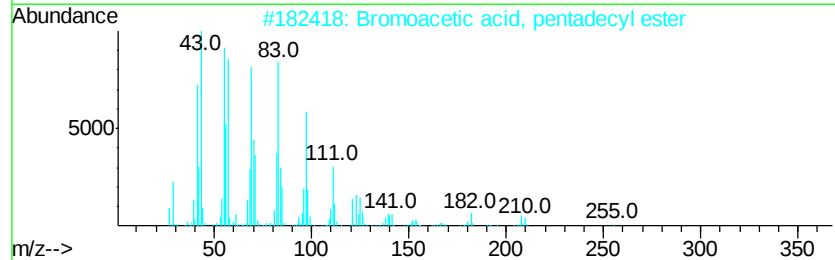
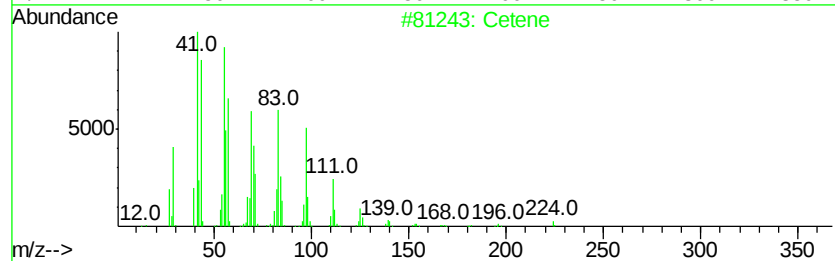
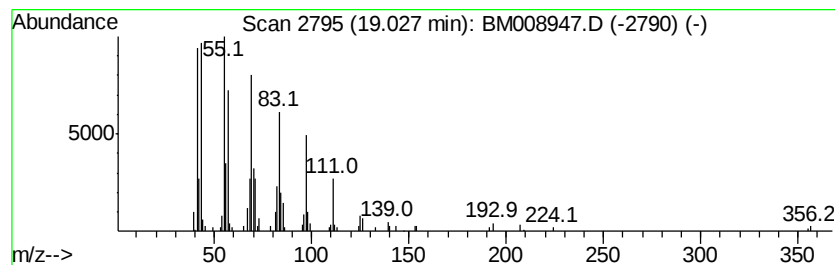
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic19.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.91 ng/ul	264104	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	97
2		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
3		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	91
4		1-Hexadecanol	242	C16H34O	036653-82-4	90
5		1-Tetradecanol	214	C14H30O	000112-72-1	87



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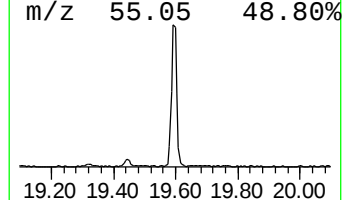
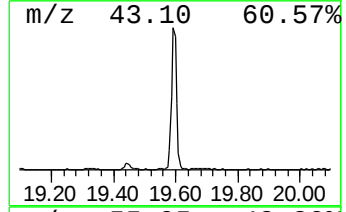
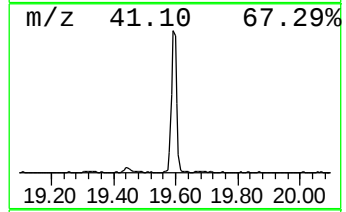
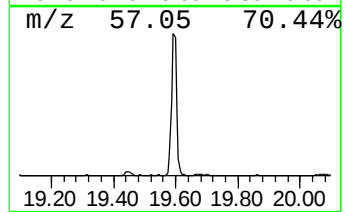
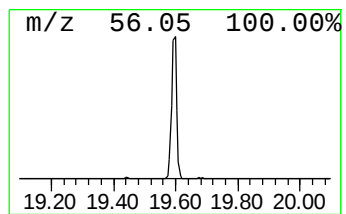
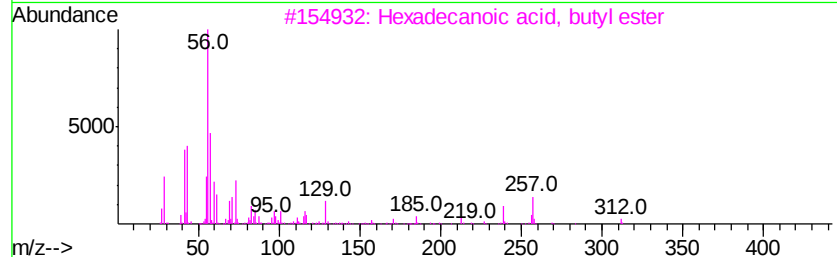
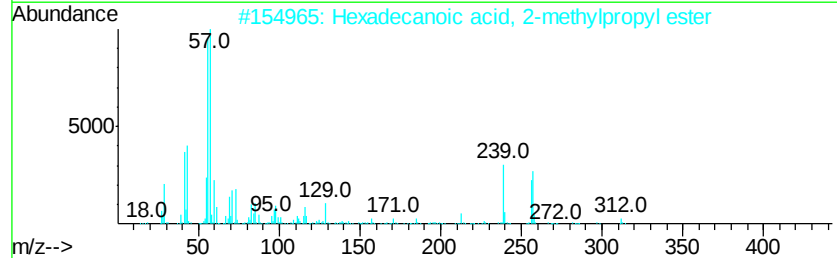
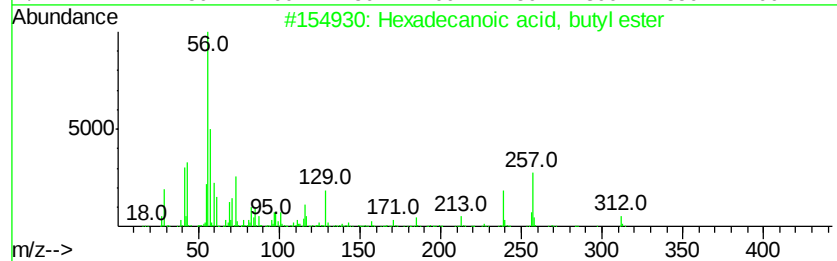
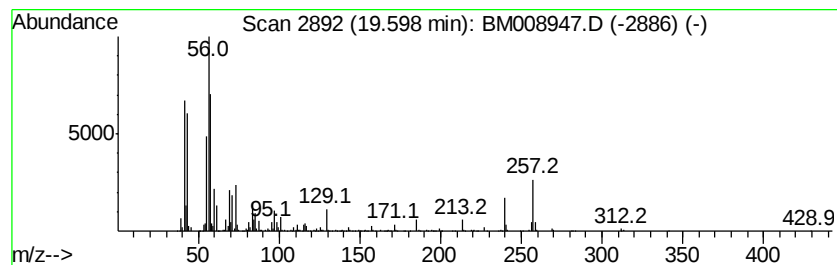
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	32.47 ng/ul	2922880	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	87
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
4		Hexadecanoic acid, 1,1-dimethylester	312	C20H40O2	031158-91-5	60
5		Eicosanoic acid	312	C20H40O2	000506-30-9	38



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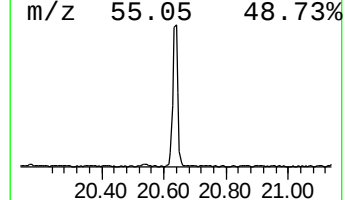
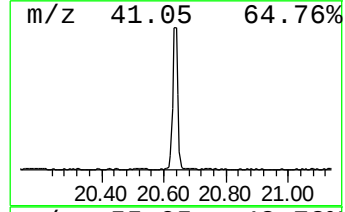
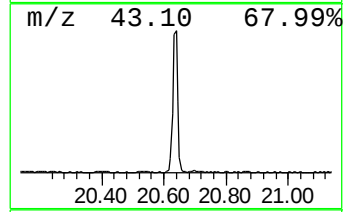
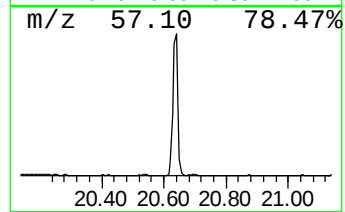
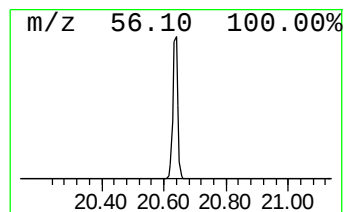
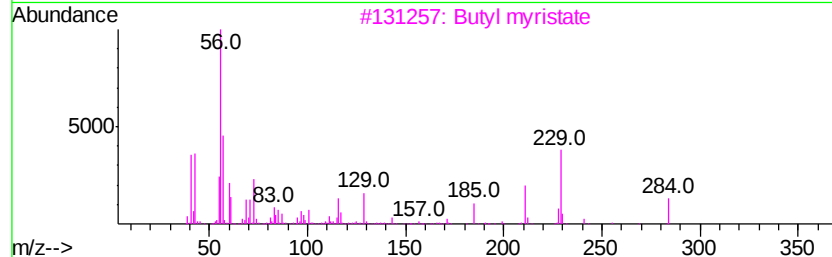
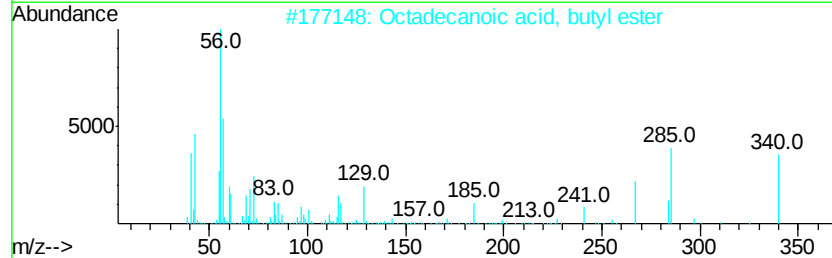
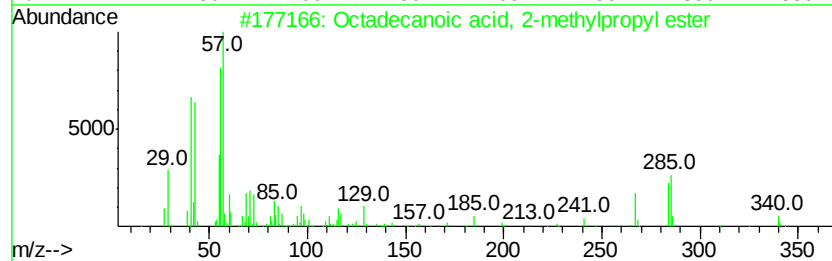
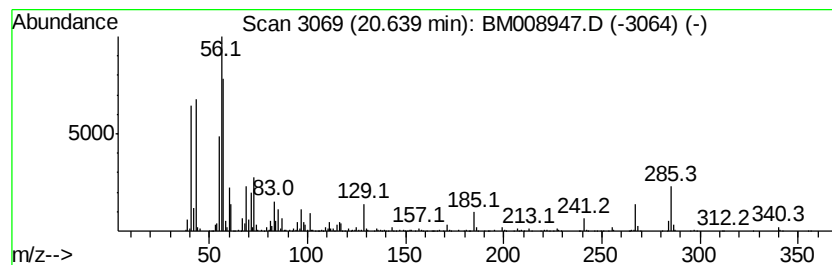
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 Peak Number 4 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	28.11 ng/ul	2530630	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	87
2			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
3			Butyl myristate	284	C18H36O2	000110-36-1	64
4			2-Methyl-1-octadecene	266	C19H38	061868-20-0	42
5			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38



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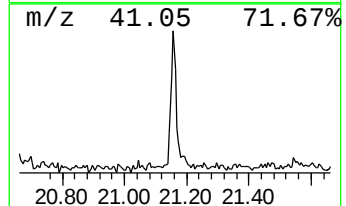
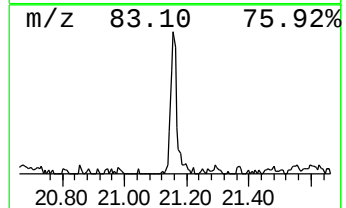
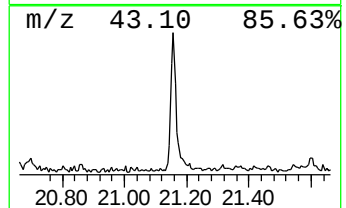
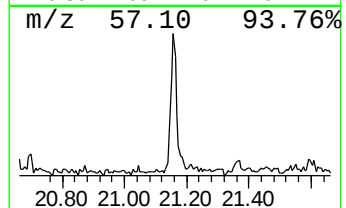
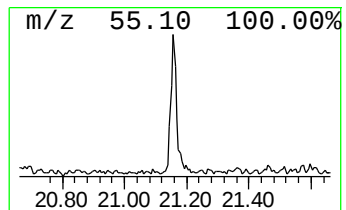
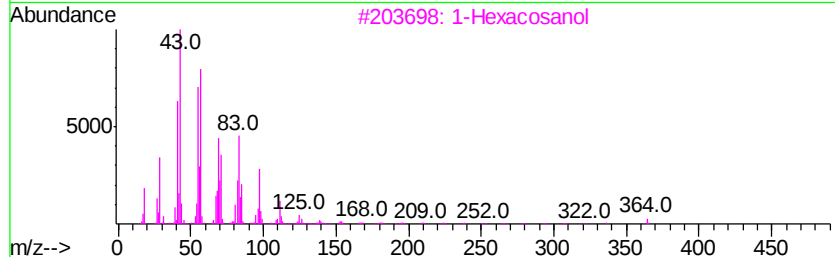
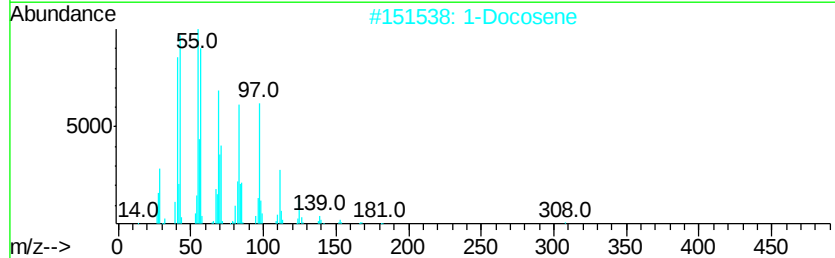
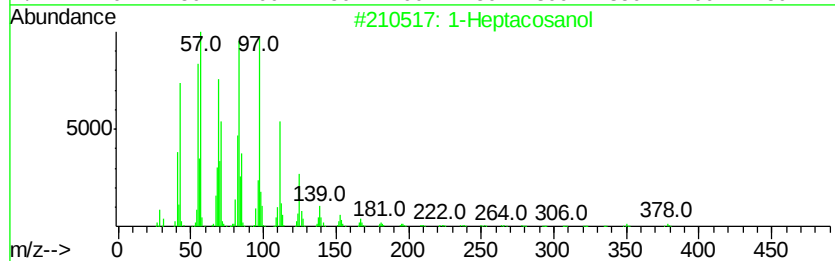
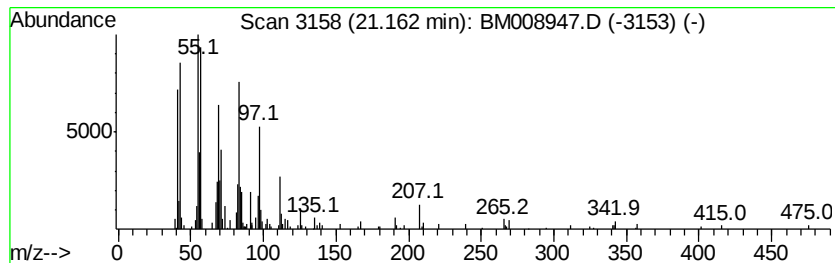
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Peak Number 5 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.16	3.46 ng/ul	311023	Chrysene-d12	21.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Hexacosanol	382	C26H54O	000506-52-5	83
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	83



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMW3

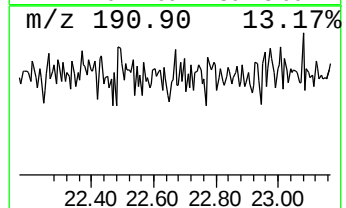
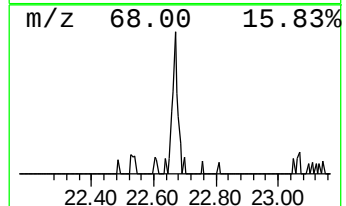
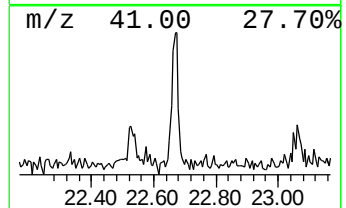
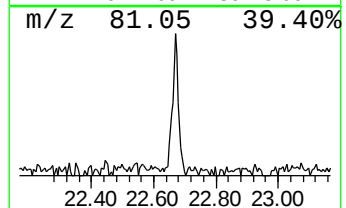
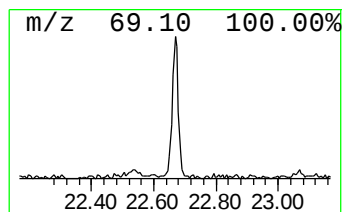
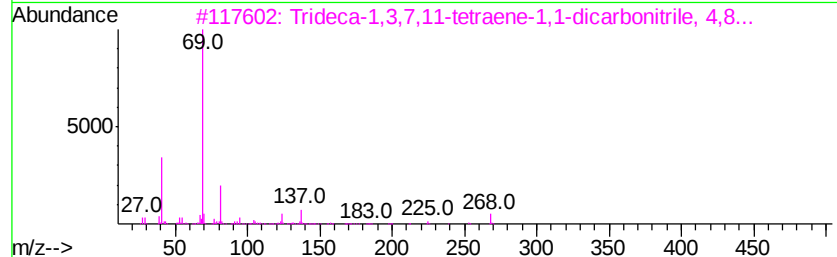
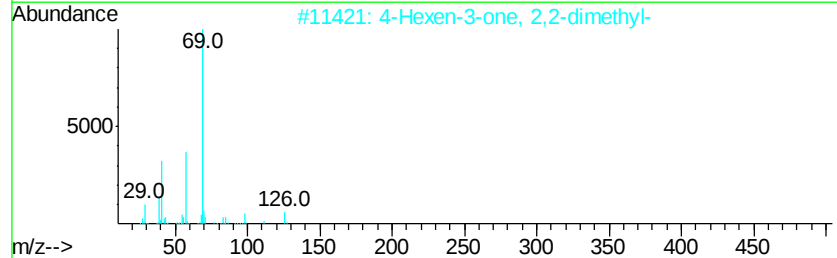
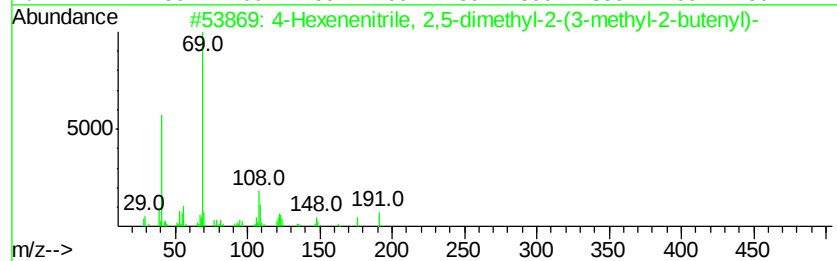
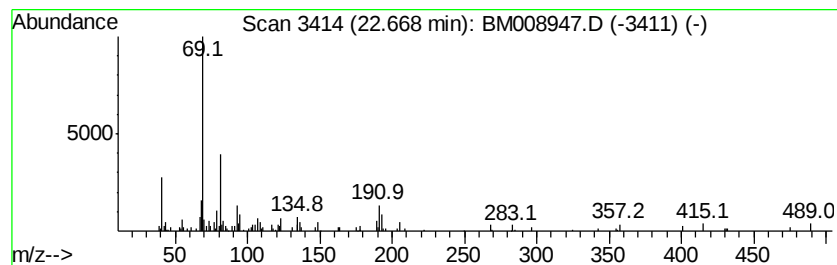
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4-Hexenenitrile, 2,5-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.05 ng/ul	157435	Perylene-d12	23.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	59
2		4-Hexen-3-one, 2,2-dimethyl-	126	C8H14O	020971-19-1	53
3		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53
4		Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	53
5		Squalene	410	C30H50	000111-02-4	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013117\
Data File : BM008947.D
Acq On : 31 Jan 2017 19:39
Operator : SJ/MA
Sample : I1467-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMW3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	18.17	4.7	ng/ul	316153	4	17.30	1352050	20.0
(DEL) Alkane: Cyc...	19.03	3.9	ng/ul	264104	4	17.30	1352050	20.0
Hexadecanoic acid...	19.60	32.5	ng/ul	2922880	5	21.47	1800210	20.0
Octadecanoic acid...	20.64	28.1	ng/ul	2530630	5	21.47	1800210	20.0
1-Heptacosanol	21.16	3.5	ng/ul	311023	5	21.47	1800210	20.0
4-Hexenenitrile, ...	22.67	2.0	ng/ul	157435	6	23.83	1537710	20.0