

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008789.D
 Acq On : 22 Jan 2017 02:16
 Operator : UM/SJ
 Sample : I1316-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP13

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	rVB2	483892	861201	6.38%	1.609%
2	7.281	792	798	807	rBV	297375	459552	3.40%	0.859%
3	7.481	825	832	839	rVB	447510	740444	5.48%	1.383%
4	7.951	906	912	919	rBV	428416	690637	5.11%	1.290%
5	8.645	1023	1030	1040	rVB	503206	817733	6.06%	1.528%
6	9.116	1103	1110	1117	rBV	487225	792610	5.87%	1.481%
7	9.834	1225	1232	1243	rVB2	416217	713391	5.28%	1.333%
8	10.363	1316	1322	1330	rBV	552686	937665	6.94%	1.752%
9	10.751	1381	1388	1397	rVB	495732	851510	6.31%	1.591%
10	10.886	1404	1411	1420	rVB	368559	611209	4.53%	1.142%
11	13.986	1932	1938	1942	rBV	898618	1212353	8.98%	2.265%
12	14.033	1942	1946	1952	rVB	203740	288511	2.14%	0.539%
13	14.274	1981	1987	1994	rVB	934253	1329063	9.84%	2.483%
14	14.580	2033	2039	2046	rBV	753490	1090050	8.07%	2.036%
15	14.757	2063	2069	2080	rBV	481710	720744	5.34%	1.346%
16	15.568	2201	2207	2213	rBV	1149752	1697252	12.57%	3.171%
17	15.680	2220	2226	2236	rBV2	445862	622997	4.61%	1.164%
18	17.321	2499	2505	2511	rBV2	997427	1427382	10.57%	2.667%
19	17.421	2515	2522	2528	rVV2	1410321	2015963	14.93%	3.766%
20	18.198	2649	2654	2665	rBV	324027	453644	3.36%	0.847%
21	19.468	2867	2870	2877	rBV4	166576	227017	1.68%	0.424%
22	19.621	2891	2896	2901	rBV	12031082	13504368	100.00%	25.228%
23	19.709	2905	2911	2922	rVB	1763350	2486214	18.41%	4.645%
24	20.662	3068	3073	3078	rBV	11545940	12150959	89.98%	22.700%
25	21.180	3157	3161	3169	rBV2	376725	467251	3.46%	0.873%
26	21.486	3208	3213	3218	rBV	1637072	2048688	15.17%	3.827%
27	23.697	3582	3589	3598	rVB3	1280418	2576941	19.08%	4.814%
28	23.850	3609	3615	3622	rVB	867993	1733471	12.84%	3.238%

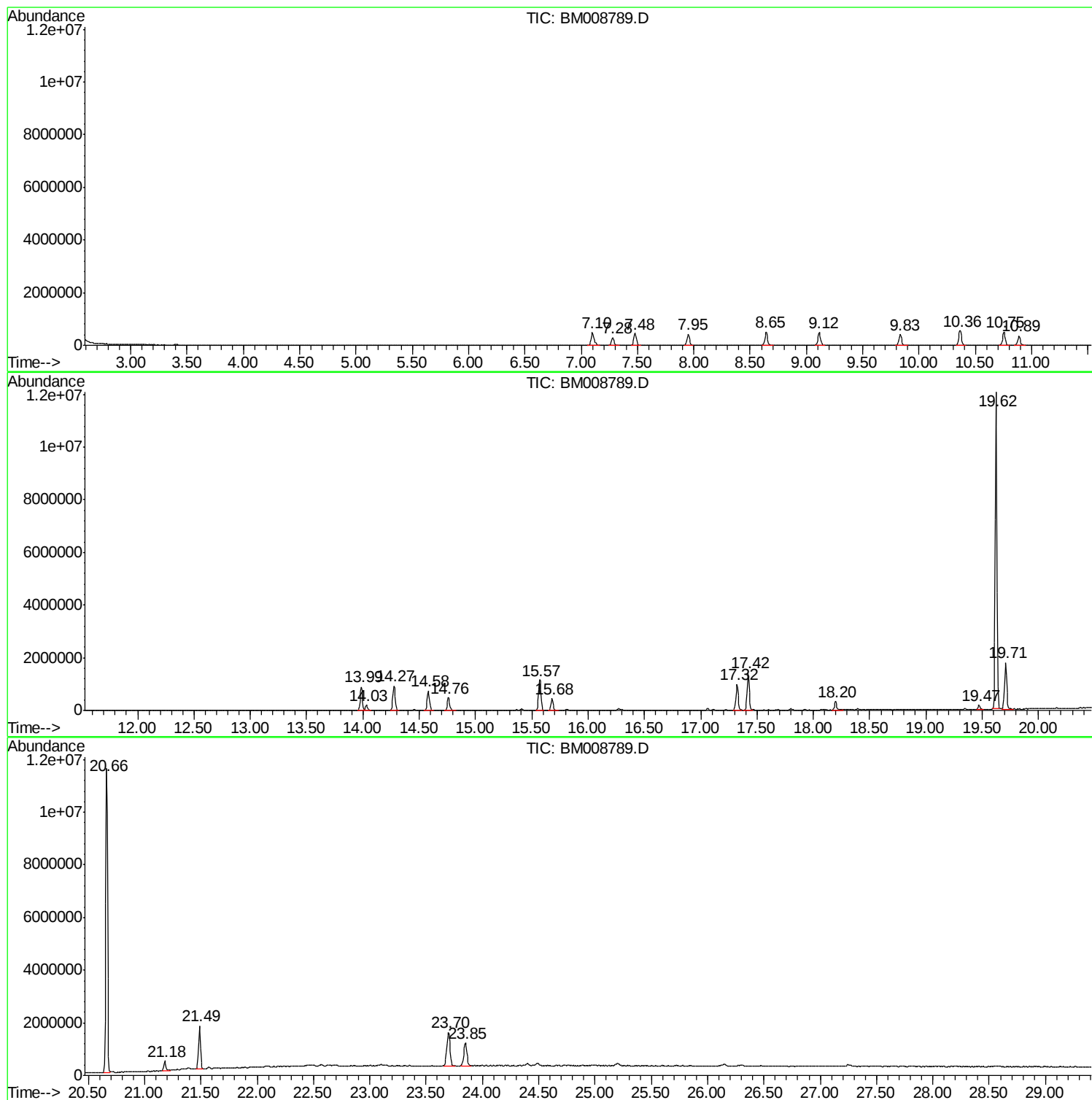
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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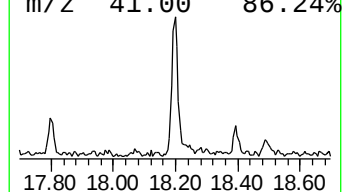
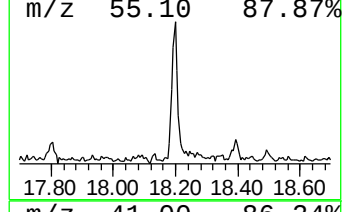
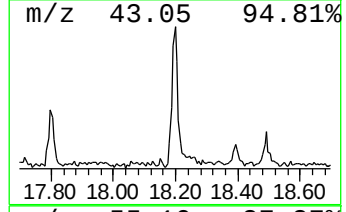
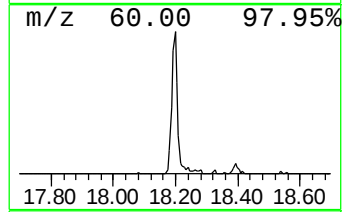
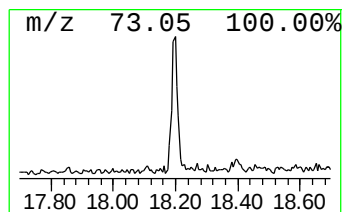
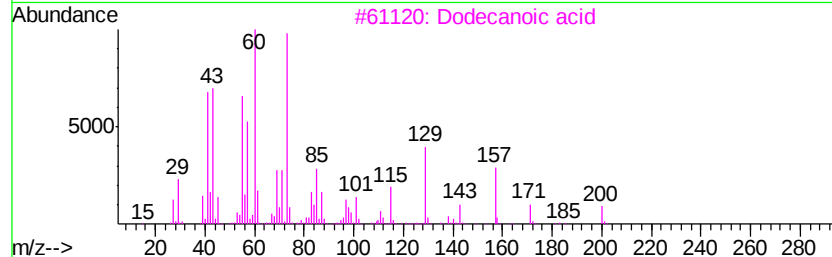
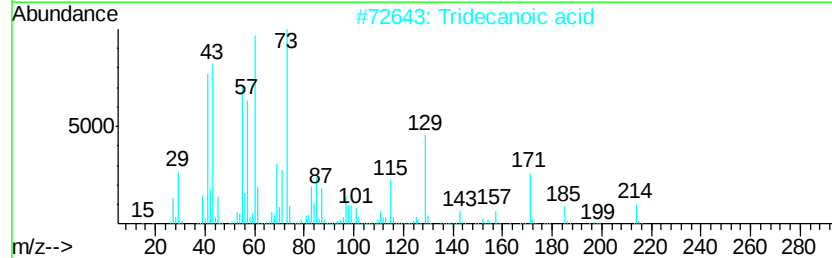
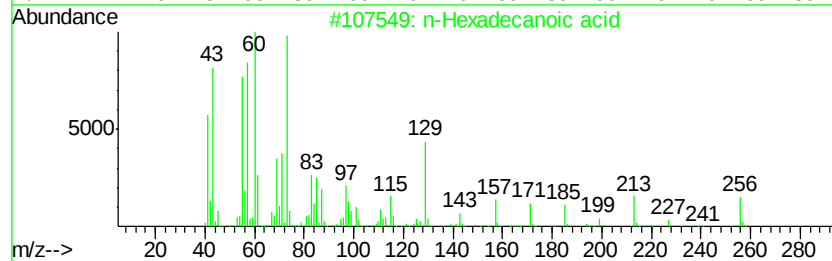
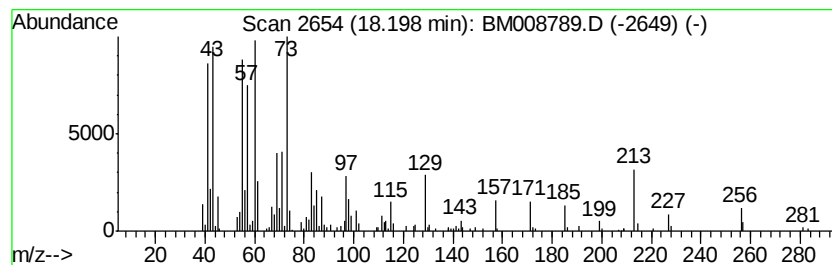
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.20	6.36 ng/ul	453644	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	



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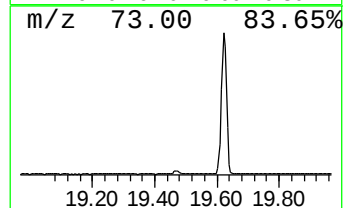
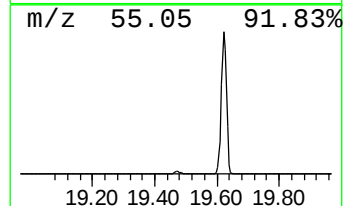
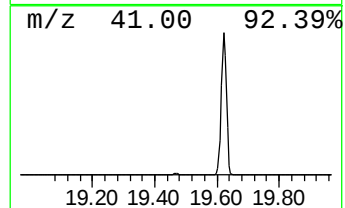
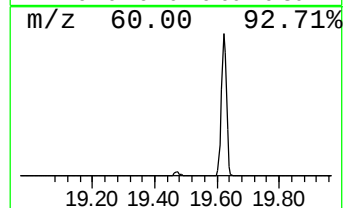
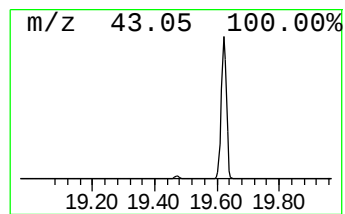
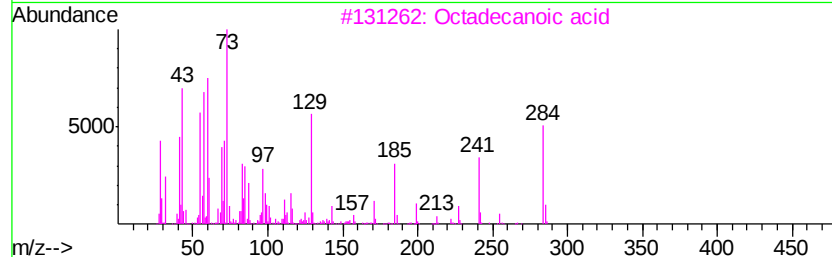
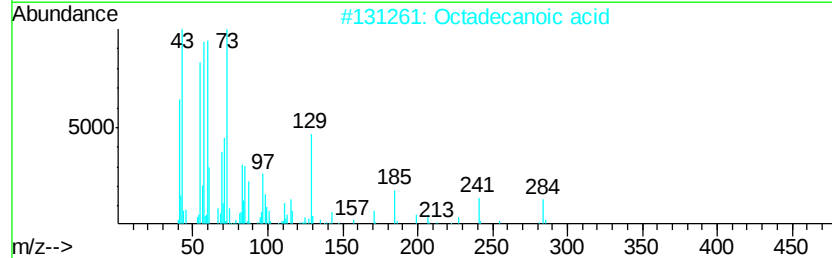
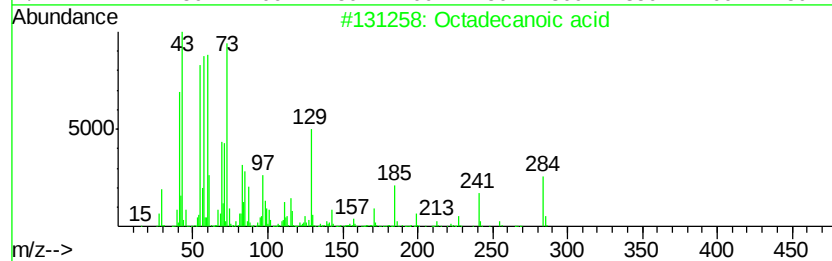
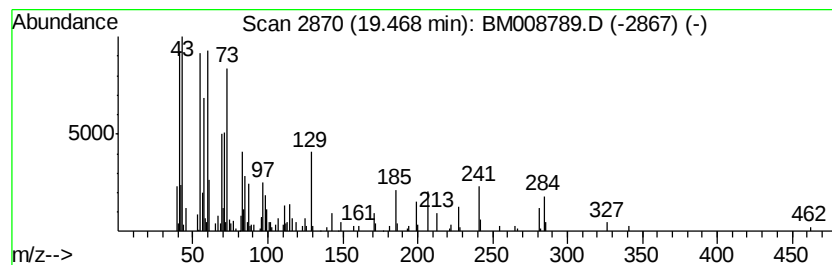
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.22 ng/ul	227017	Chrysene-d12	21.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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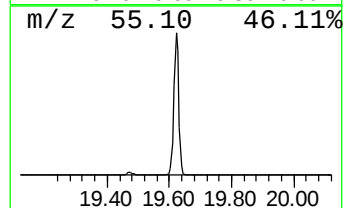
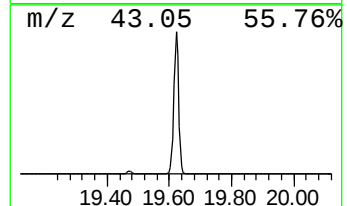
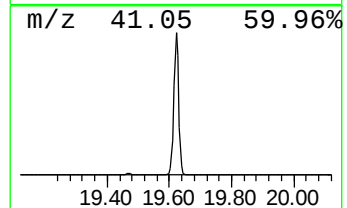
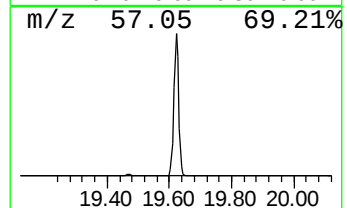
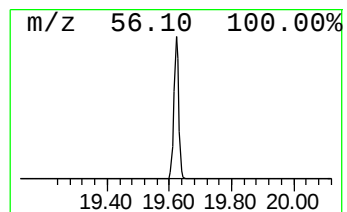
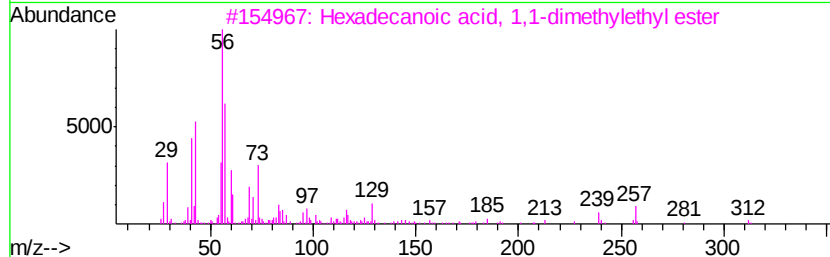
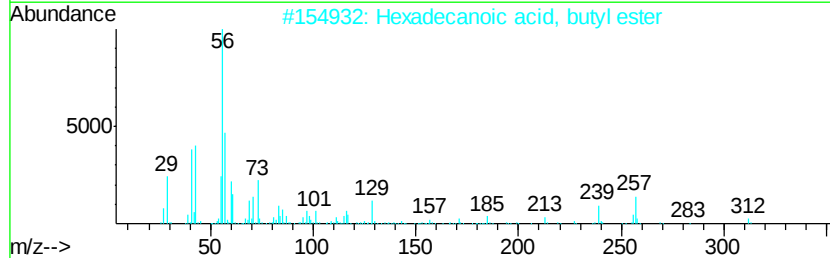
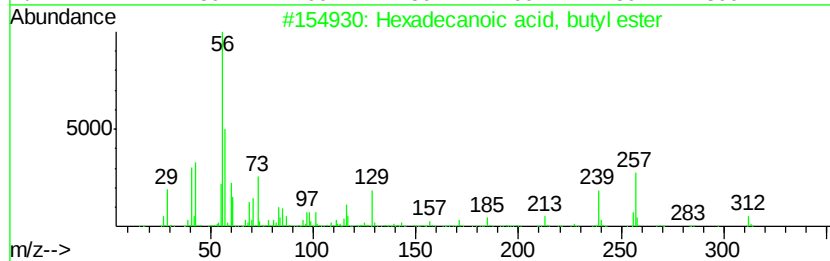
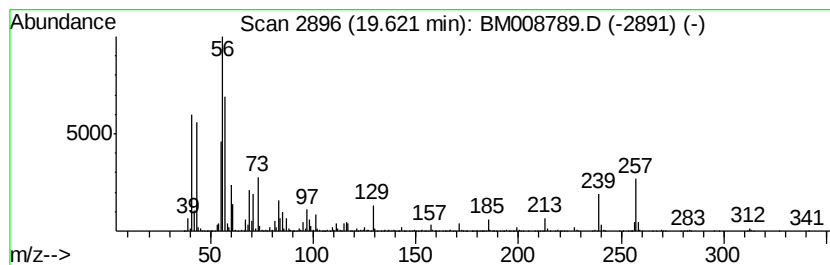
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	131.83 ng/ul	13504400	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	53
5		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43



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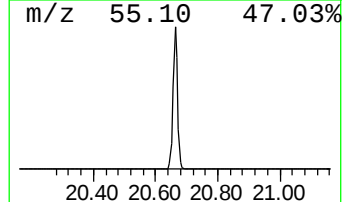
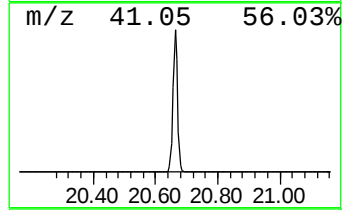
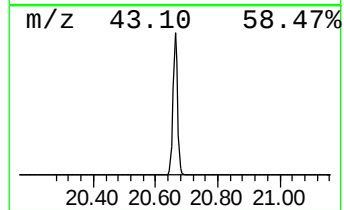
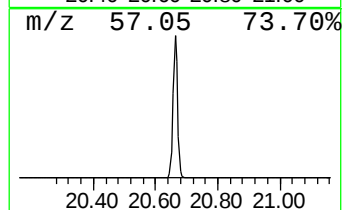
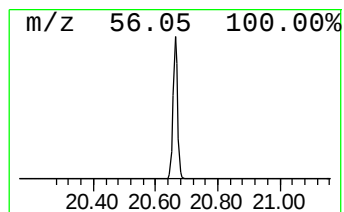
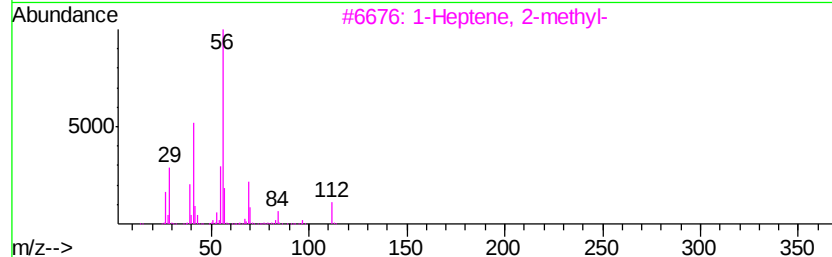
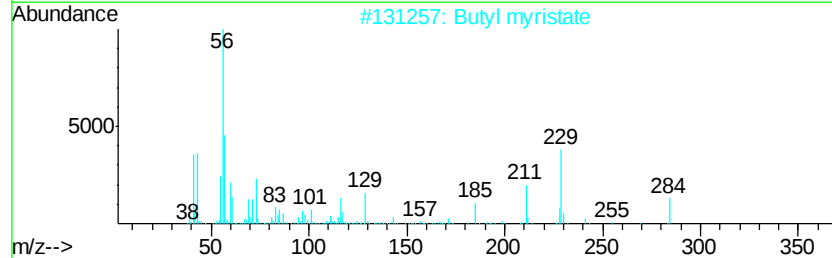
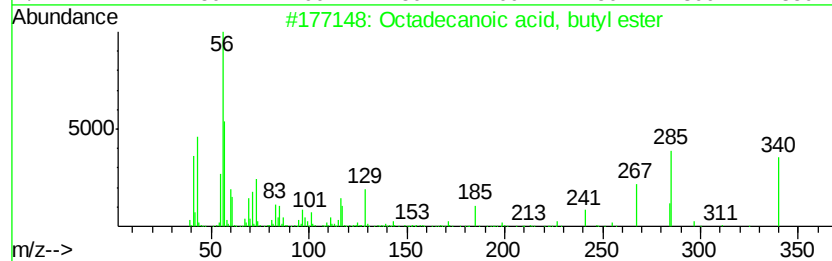
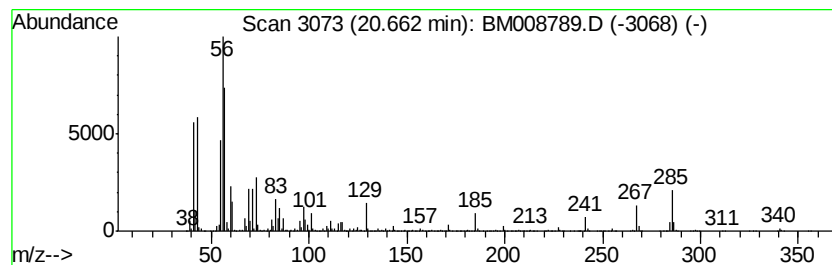
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	118.62 ng/ul	12151000	Chrysene-d12	21.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	30
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



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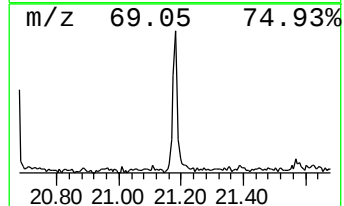
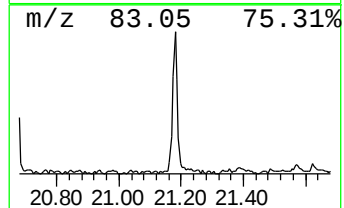
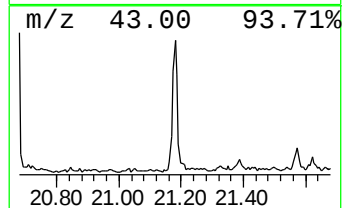
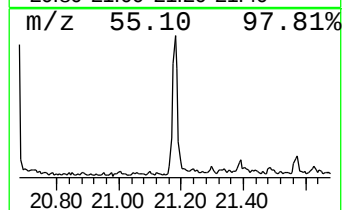
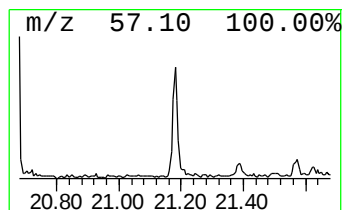
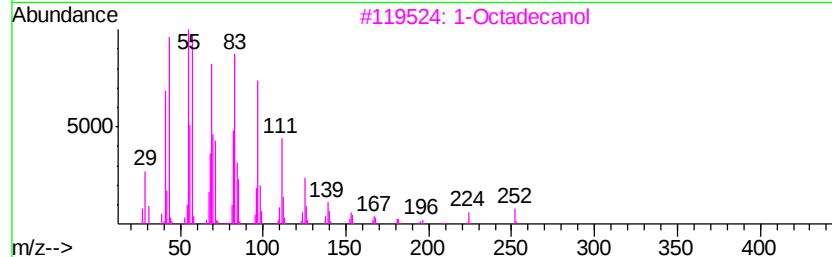
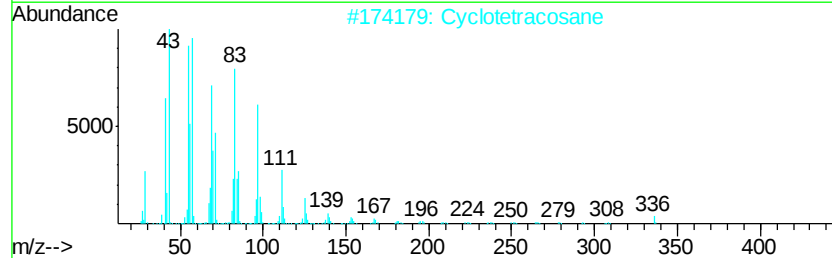
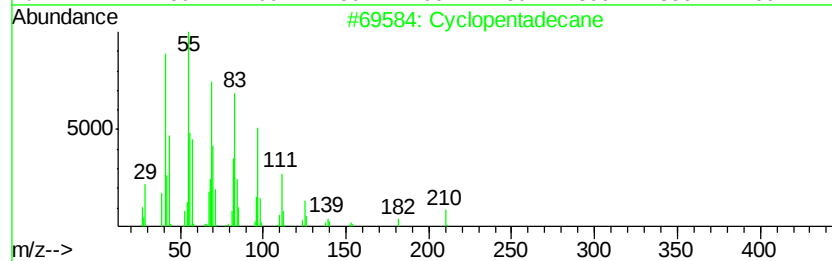
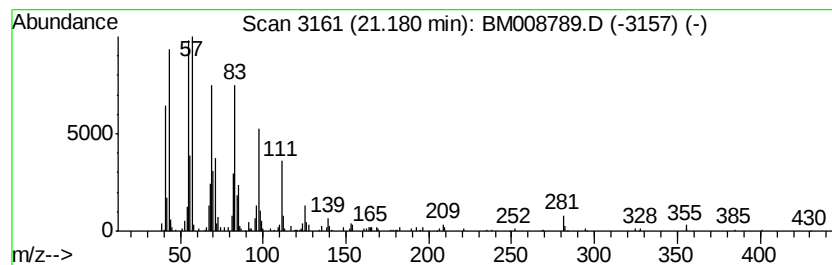
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Cyclic21.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	4.56 ng/ul	467251	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	94
2		Cyclotetracosane	336	C24H48	000297-03-0	92
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.20	6.4	ng/ul	453644	4	17.32	1427380	20.0
Octadecanoic acid	19.47	2.2	ng/ul	227017	5	21.49	2048690	20.0
Hexadecanoic acid...	19.62	131.8	ng/ul	13504400	5	21.49	2048690	20.0
Octadecanoic acid...	20.66	118.6	ng/ul	12151000	5	21.49	2048690	20.0
(DEL) Alkane: Cyc...	21.18	4.6	ng/ul	467251	5	21.49	2048690	20.0