

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
 Data File : BM012246.D
 Acq On : 17 Oct 2017 09:31
 Operator : SJ/JU
 Sample : I5697-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AA2

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\SOM-EPA-BM101217.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	6.963	652	659	680	rBV2	859561	1885783	34.70%	3.253%
2	7.122	680	686	699	rVV	645719	1073129	19.75%	1.851%
3	7.322	713	720	735	rBV	939710	1620290	29.82%	2.795%
4	7.793	793	800	808	rBV	642435	1099079	20.22%	1.896%
5	8.510	915	922	939	rBV	1148329	2050315	37.73%	3.537%
6	8.963	992	999	1009	rBV	907466	1592809	29.31%	2.748%
7	9.687	1114	1122	1140	rVB	724486	1309117	24.09%	2.258%
8	10.228	1206	1214	1229	rBV	1001912	1880773	34.61%	3.244%
9	10.592	1269	1276	1286	rBV	801445	1383013	25.45%	2.386%
10	10.739	1294	1301	1319	rBV	878982	1715298	31.56%	2.959%
11	11.928	1495	1503	1514	rBV2	29867	68625	1.26%	0.118%
12	13.857	1824	1831	1835	rBV	2166159	2873836	52.88%	4.957%
13	13.904	1835	1839	1851	rVB	851294	1199655	22.08%	2.069%
14	14.145	1873	1880	1901	rVB	2385831	3618628	66.59%	6.242%
15	14.451	1925	1932	1950	rVB2	1325762	2076747	38.21%	3.582%
16	14.680	1965	1971	1985	rBV	338985	805810	14.83%	1.390%
17	15.198	2053	2059	2068	rBV	103388	149787	2.76%	0.258%
18	15.445	2094	2101	2108	rBV	3103849	4459354	82.06%	7.692%
19	15.592	2120	2126	2137	rBV	336015	553832	10.19%	0.955%
20	15.680	2137	2141	2151	rVB3	39166	65322	1.20%	0.113%
21	15.810	2158	2163	2174	rVB	148676	219219	4.03%	0.378%
22	17.198	2390	2399	2409	rBV2	1822005	2629663	48.39%	4.536%
23	17.298	2409	2416	2428	rBV	3405339	4883911	89.87%	8.425%
24	18.074	2540	2548	2558	rBV	363143	558075	10.27%	0.963%
25	19.227	2738	2744	2748	rBV3	57770	127721	2.35%	0.220%
26	19.351	2761	2765	2776	rBV	207323	344140	6.33%	0.594%
27	19.592	2800	2806	2815	rBV	4008040	5322185	97.93%	9.181%
28	20.086	2885	2890	2893	rBV5	71665	137924	2.54%	0.238%
29	21.062	3053	3056	3064	rBV	655380	858722	15.80%	1.481%
30	21.380	3105	3110	3115	rBV	2208023	2871958	52.85%	4.954%
31	23.533	3470	3476	3488	rVB2	2688324	5434413	100.00%	9.374%
32	23.680	3496	3501	3513	rVB2	1444856	3102107	57.08%	5.351%

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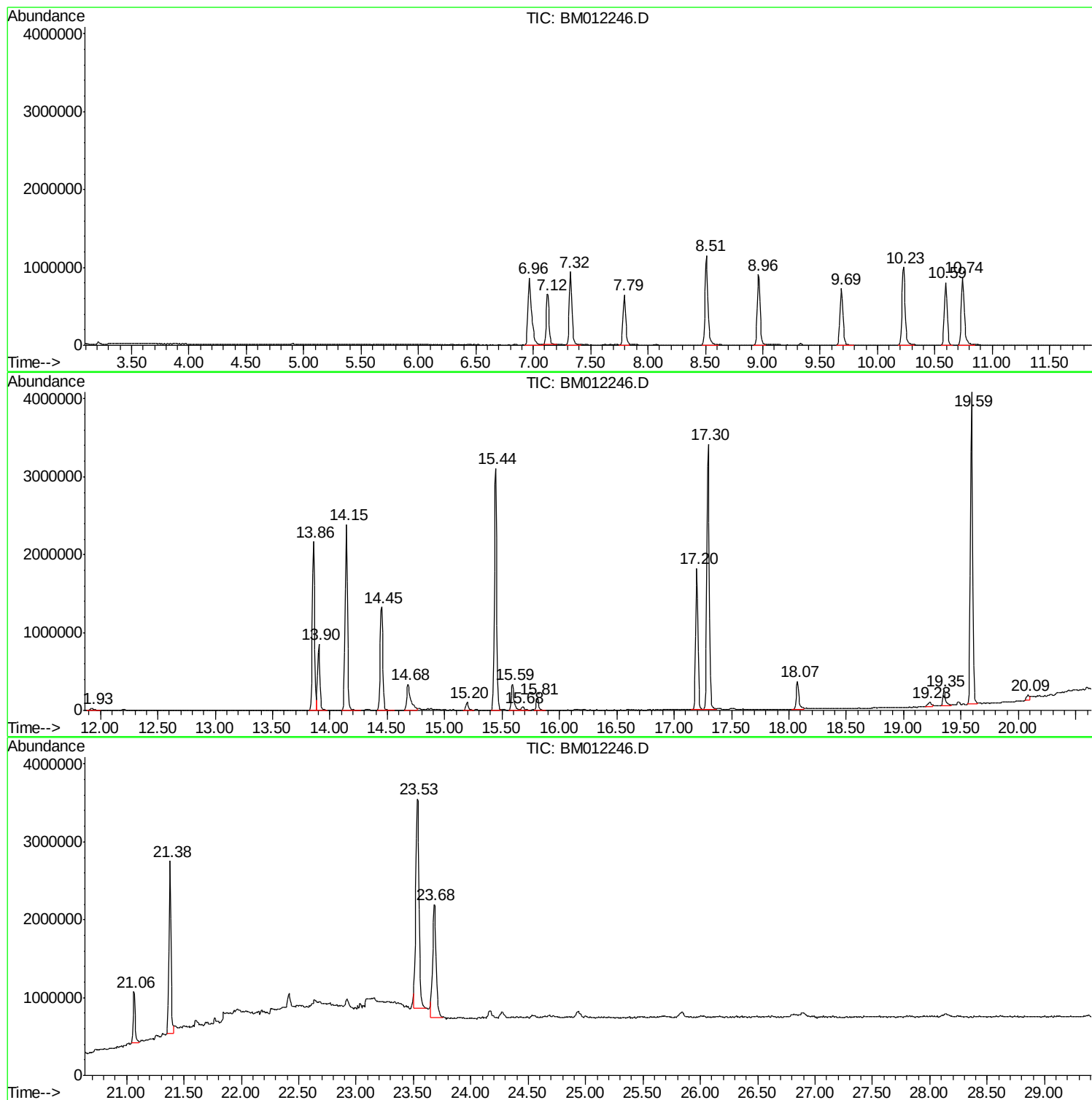
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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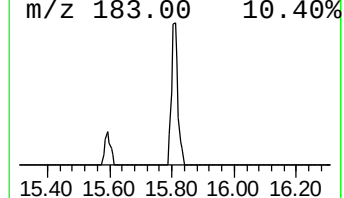
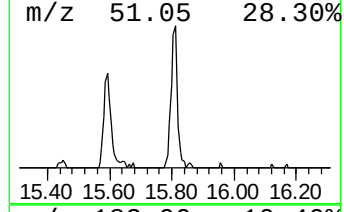
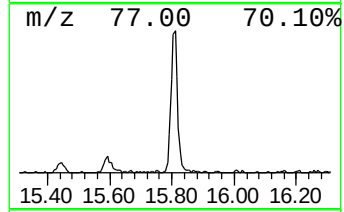
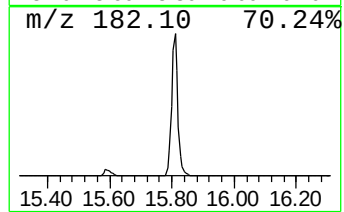
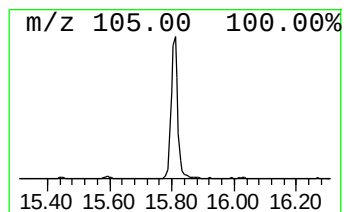
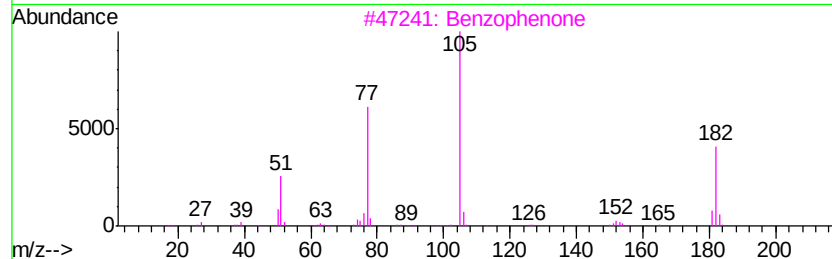
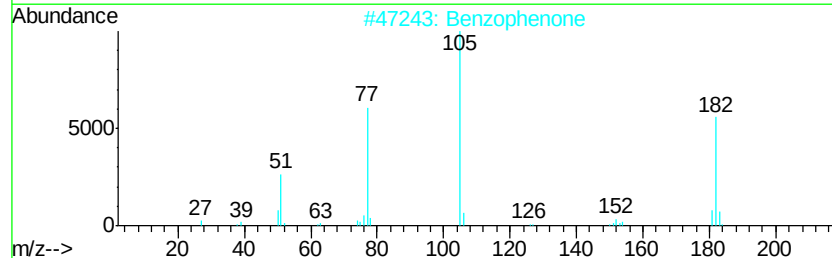
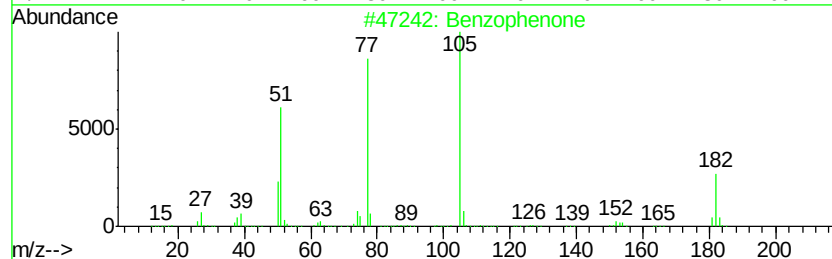
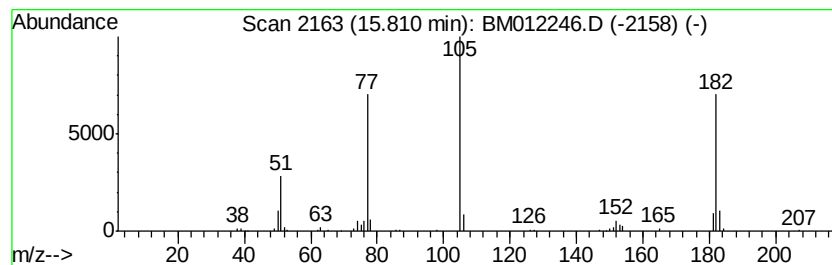
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.11 ng/ul	219219	Acenaphthene-d10	14.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	96
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	95
5	Benzophenone		182	C13H10O	000119-61-9	87



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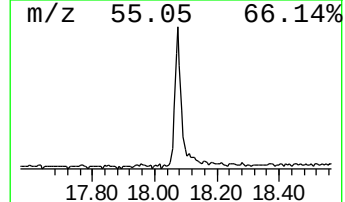
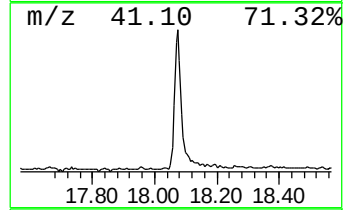
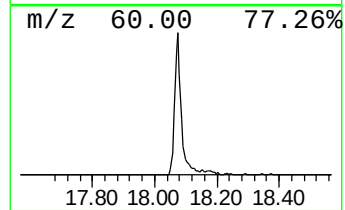
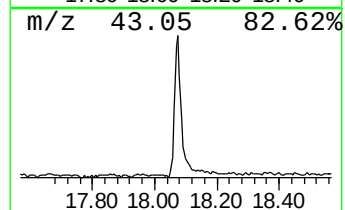
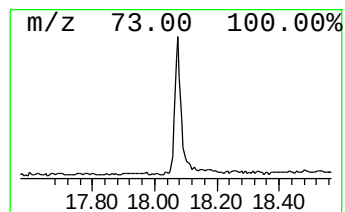
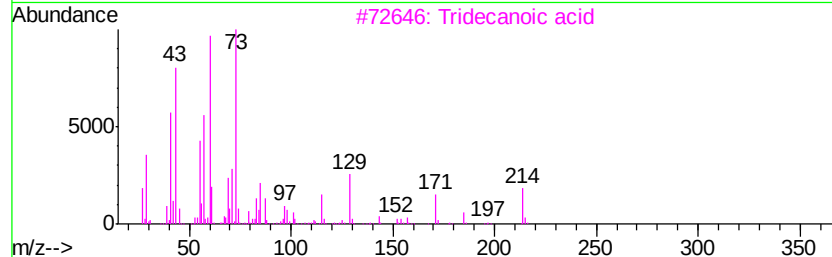
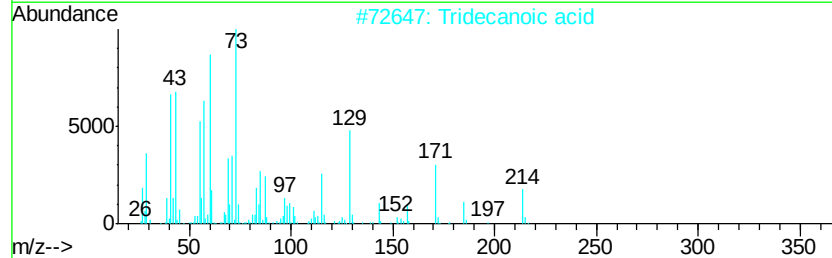
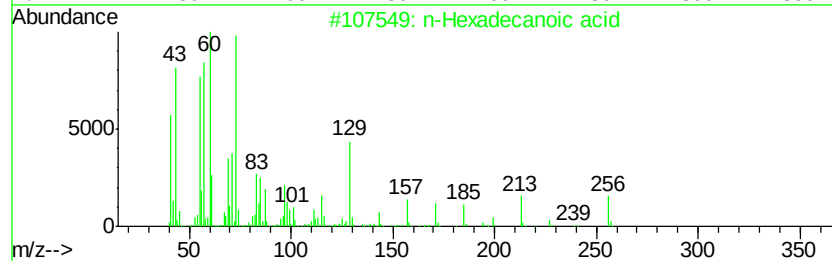
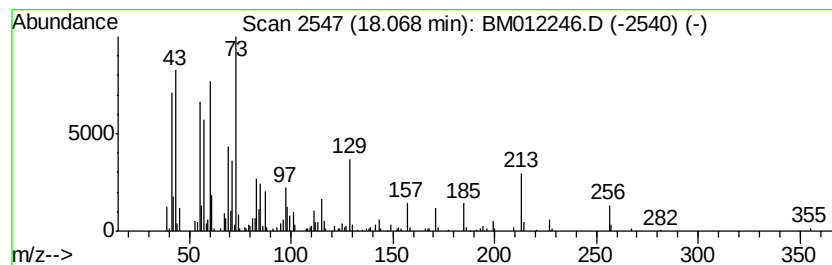
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.24 ng/ul	558075	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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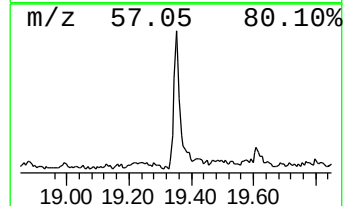
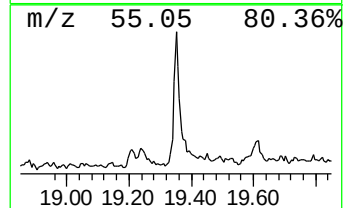
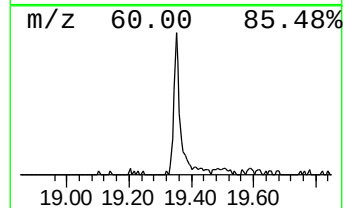
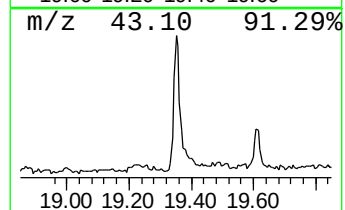
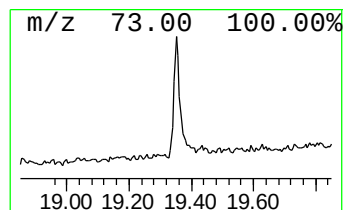
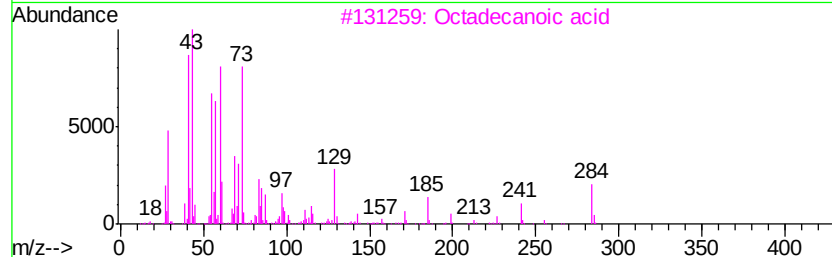
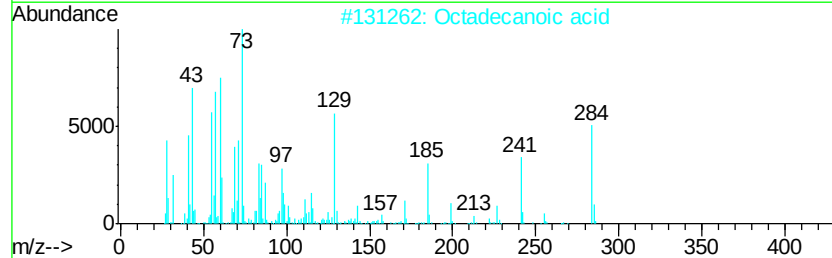
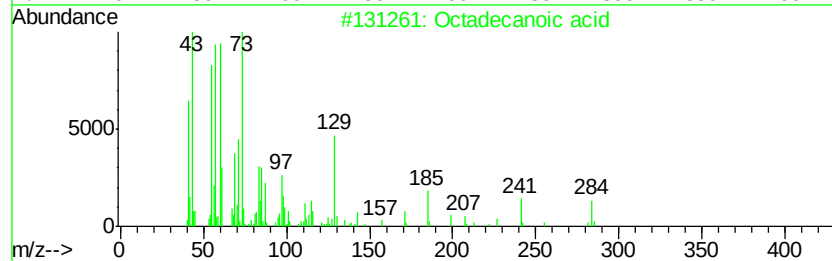
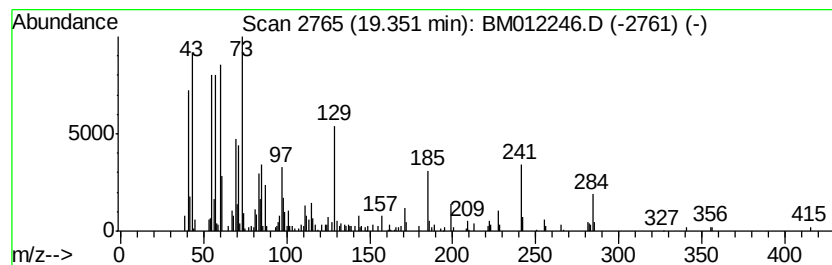
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.40 ng/ul	344140	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



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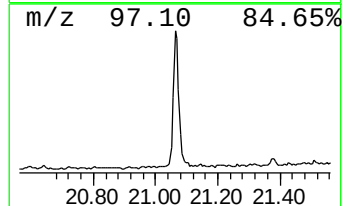
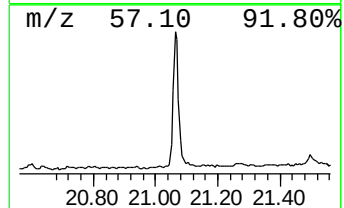
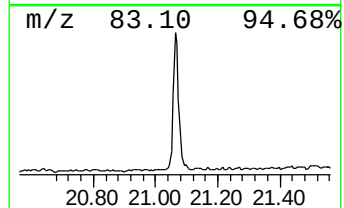
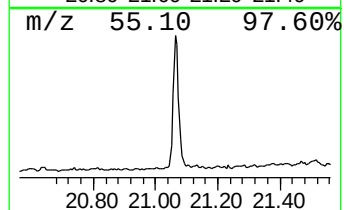
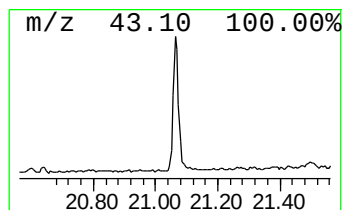
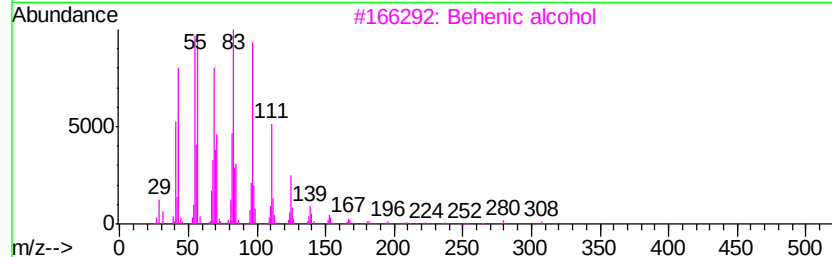
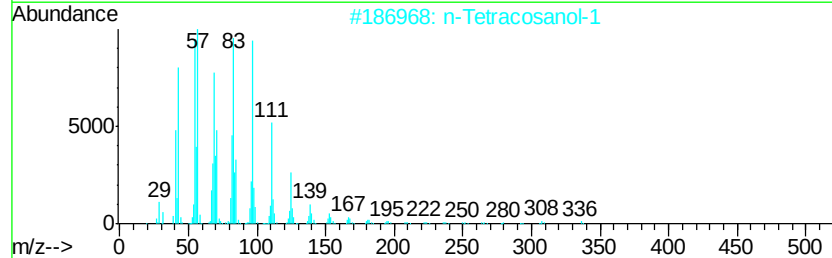
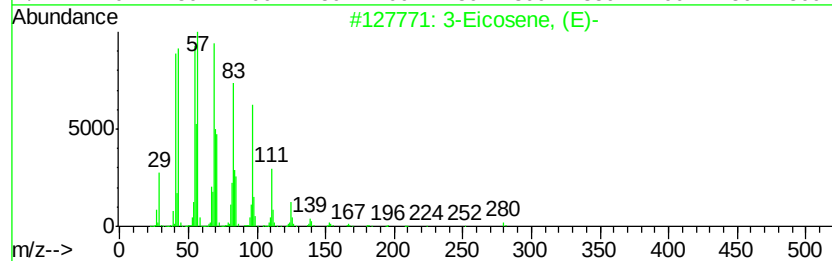
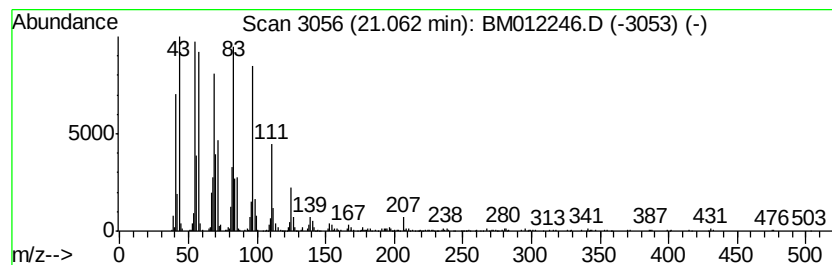
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Peak Number 4 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.98 ng/ul	858722	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Behenic alcohol	326	C22H46O	000661-19-8	95
4		1-Heneicosanol	312	C21H44O	015594-90-8	95
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.81	2.1	ng/ul	219219	3	14.45	2076750	20.0
n-Hexadecanoic acid	18.07	4.2	ng/ul	558075	4	17.20	2629660	20.0
Octadecanoic acid	19.35	2.4	ng/ul	344140	5	21.38	2871960	20.0
(DEL) Alkane: Cyc...	21.06	6.0	ng/ul	858722	5	21.38	2871960	20.0