

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014955.D
 Acq On : 03 May 2018 22:36
 Operator : SJ/JU
 Sample : J2554-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

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-BM041918.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	3.340	4	9	16	rVV	2313001	3088280	39.13%	3.219%
2	3.393	16	18	31	rVB3	64637	101113	1.28%	0.105%
3	3.640	56	60	69	rVB	110861	160144	2.03%	0.167%
4	4.228	156	160	167	rVB	80207	111250	1.41%	0.116%
5	5.481	366	373	383	rVB	93387	154381	1.96%	0.161%
6	7.616	729	736	749	rBV	1753875	3025404	38.33%	3.154%
7	7.798	760	767	779	rBV	1398994	2304025	29.19%	2.402%
8	8.010	796	803	811	rBV	1901050	3057201	38.74%	3.187%
9	8.492	878	885	899	rBV	1471095	2395605	30.35%	2.497%
10	9.187	996	1003	1015	rBV	1718794	2939135	37.24%	3.064%
11	9.675	1077	1086	1094	rBV	1671762	2827890	35.83%	2.948%
12	10.404	1201	1210	1225	rBV	1334551	2342791	29.68%	2.442%
13	10.939	1294	1301	1312	rBV	2038965	3330306	42.20%	3.472%
14	11.333	1360	1368	1376	rBV	1827423	3161235	40.05%	3.295%
15	11.457	1381	1389	1405	rBV	1633550	2933007	37.16%	3.057%
16	14.486	1896	1904	1909	rBV	3112242	4430091	56.13%	4.618%
17	14.533	1909	1912	1917	rVB	609915	785594	9.95%	0.819%
18	14.798	1950	1957	1967	rBV	3637885	5417369	68.64%	5.647%
19	14.945	1977	1982	1987	rVB	155890	204355	2.59%	0.213%
20	15.098	2001	2008	2016	rBV2	2329050	3519218	44.59%	3.669%
21	15.257	2029	2035	2052	rBV	1238644	1878359	23.80%	1.958%
22	15.886	2138	2142	2147	rVB	225315	269239	3.41%	0.281%
23	16.074	2167	2174	2185	rBV	4523561	6442782	81.63%	6.716%
24	16.174	2185	2191	2203	rVV	1258701	1793030	22.72%	1.869%
25	16.286	2203	2210	2212	rVV2	56981	122173	1.55%	0.127%
26	16.310	2212	2214	2221	rVB2	58372	85116	1.08%	0.089%
27	16.733	2282	2286	2294	rBV	175815	300693	3.81%	0.313%
28	17.521	2415	2420	2424	rBV	98832	119836	1.52%	0.125%
29	17.809	2463	2469	2475	rBV	2554721	3752570	47.55%	3.912%
30	17.909	2480	2486	2496	rVV	4575320	6500845	82.37%	6.777%
31	18.639	2605	2610	2621	rBV	1173973	1716081	21.74%	1.789%
32	19.786	2799	2805	2808	rVV2	80000	173962	2.20%	0.181%
33	19.821	2808	2811	2816	rVB	85698	107844	1.37%	0.112%
34	19.880	2816	2821	2838	rBV	716483	1110569	14.07%	1.158%

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35	20.039	2845	2848	2854	rVB	60564	80079	1.01%	0.083%
36	20.151	2861	2867	2875	rBV	5148365	7299256	92.48%	7.609%
37	21.556	3102	3106	3116	rBV	1241412	1670048	21.16%	1.741%
38	21.897	3159	3164	3170	rBV	3037404	4036218	51.14%	4.207%
39	24.215	3552	3558	3574	rVB	3725261	7892402	100.00%	8.227%
40	24.374	3579	3585	3598	rVB	2108032	4290885	54.37%	4.473%

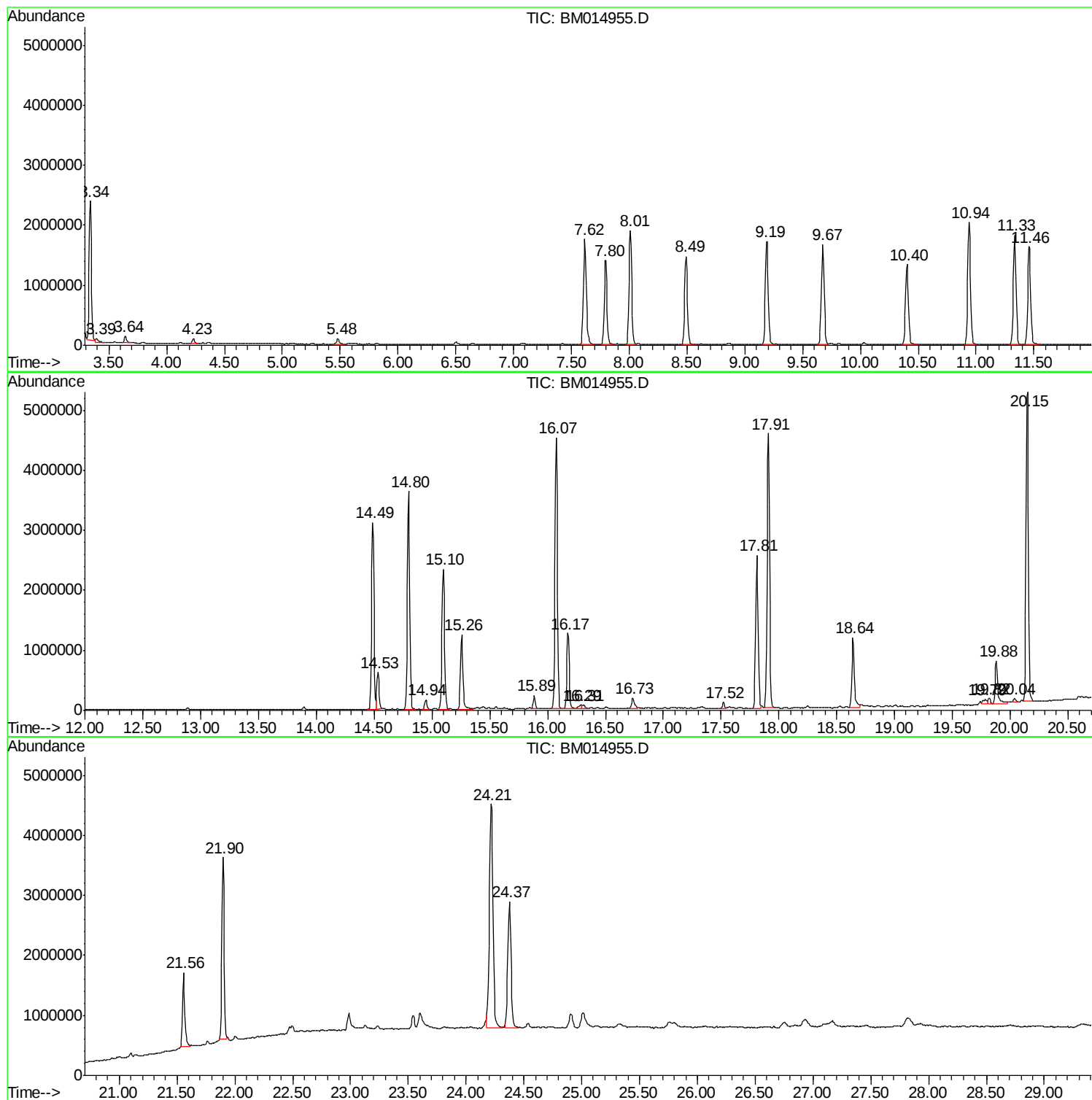
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Quant Title : SVOA CALIBRATION

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



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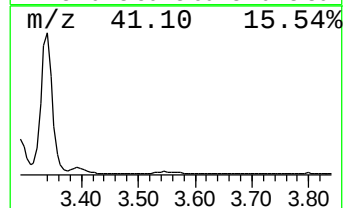
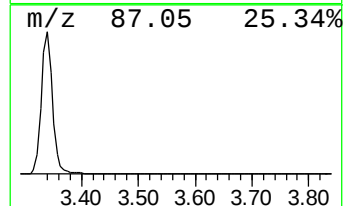
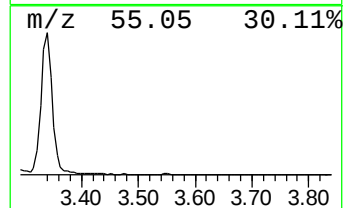
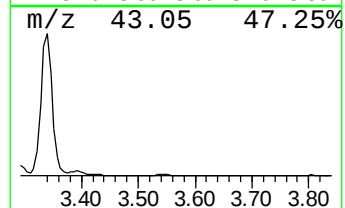
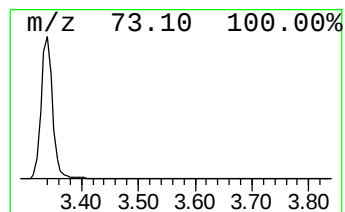
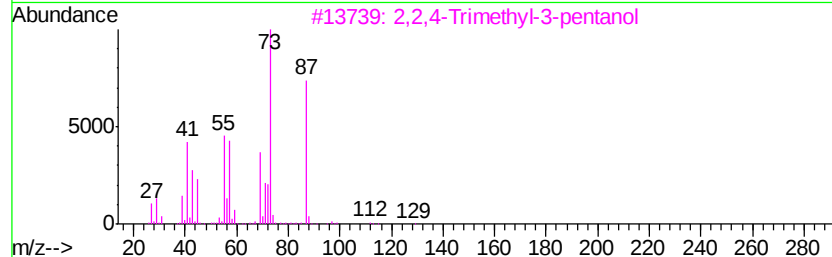
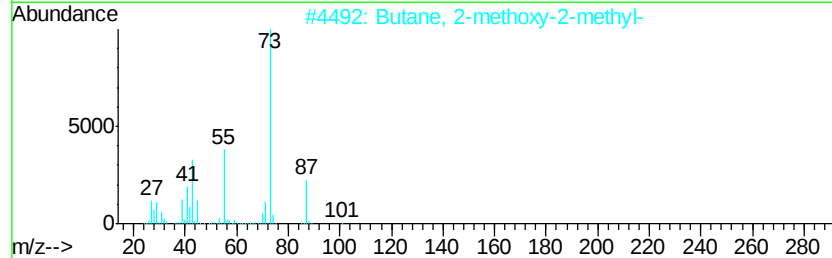
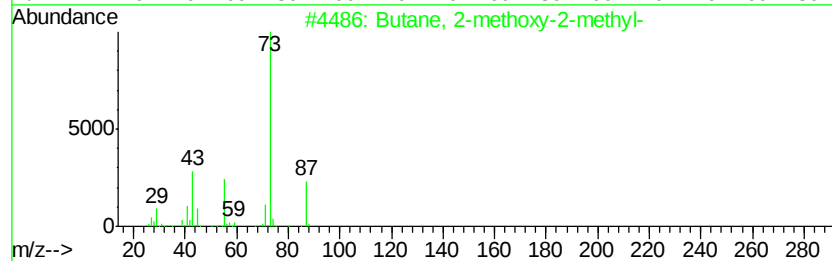
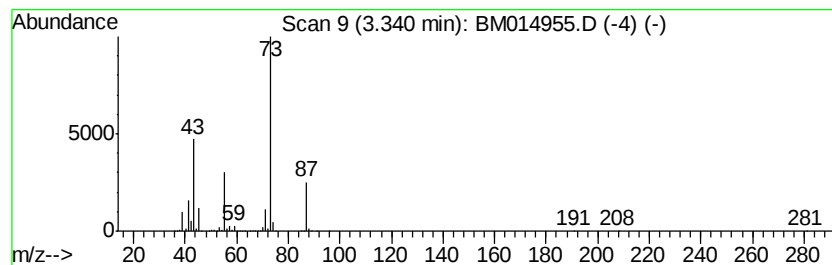
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	25.78 ng/ul	3088280	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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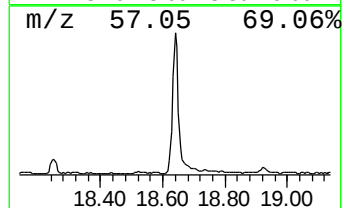
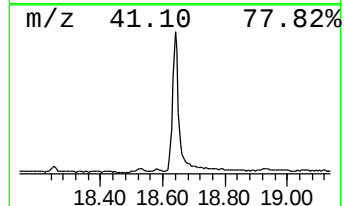
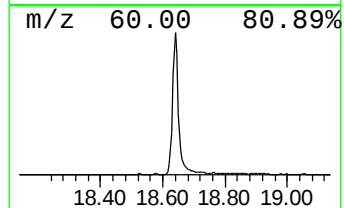
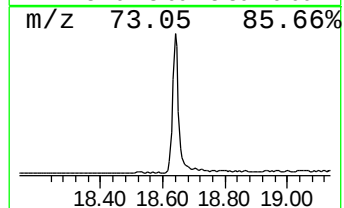
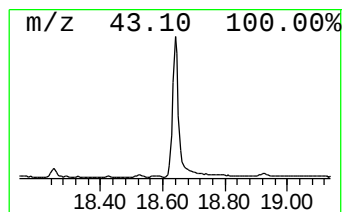
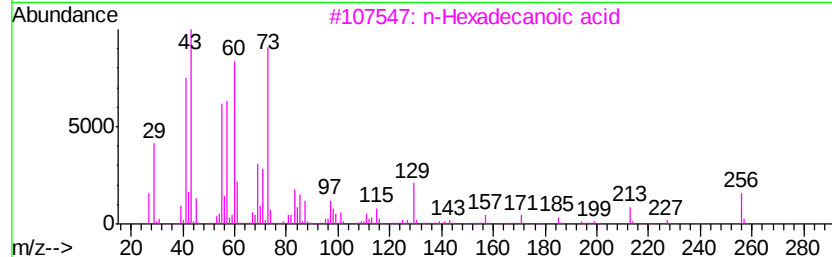
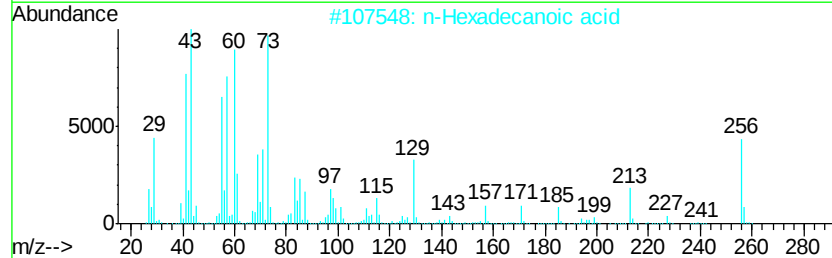
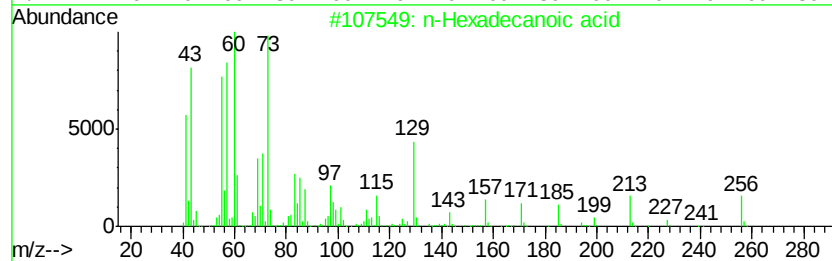
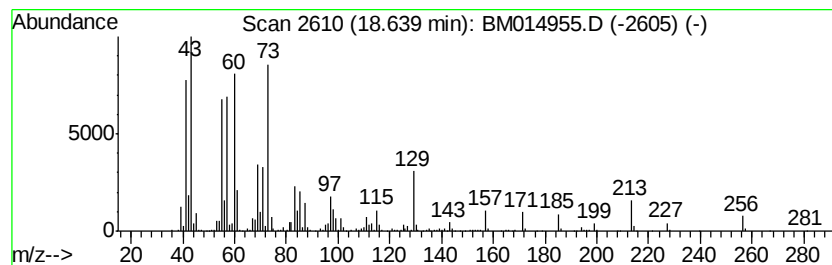
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	9.15 ng/ul	1716080	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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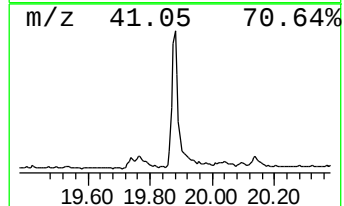
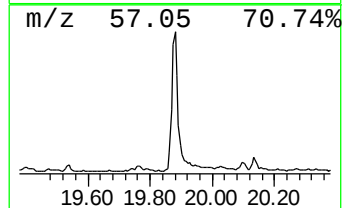
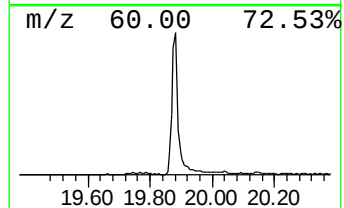
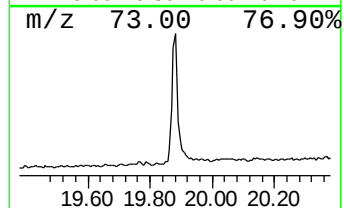
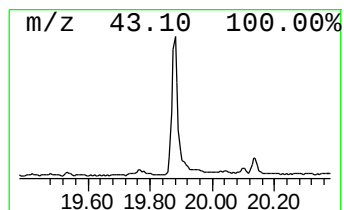
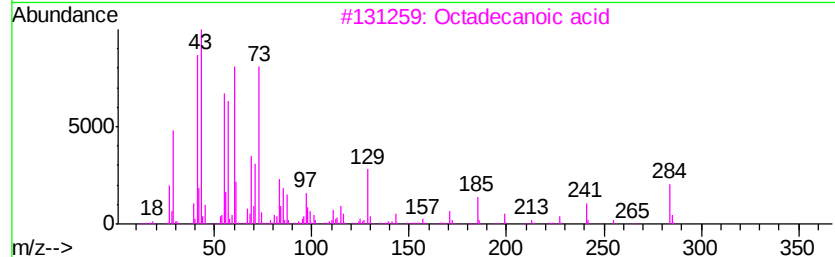
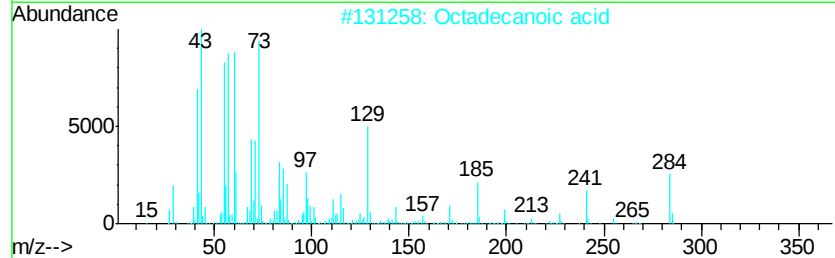
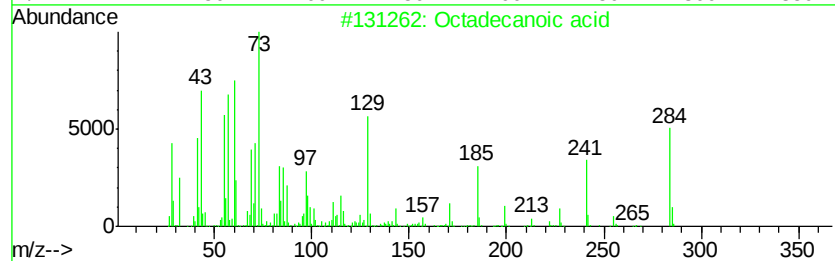
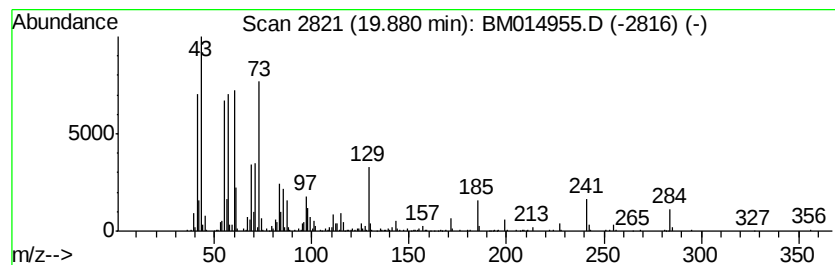
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	5.50 ng/ul	1110570	Chrysene-d12	21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	97
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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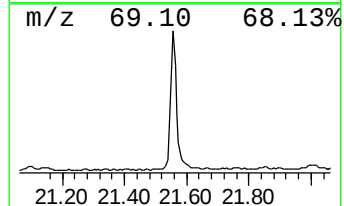
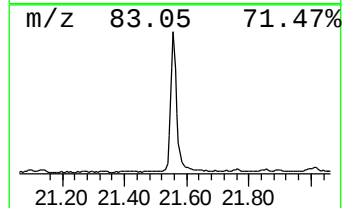
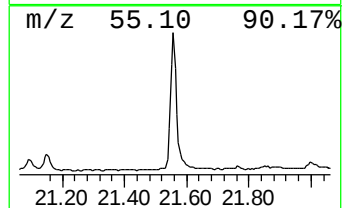
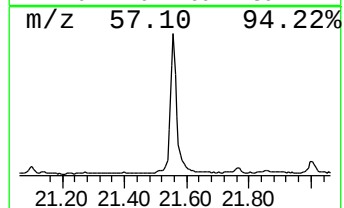
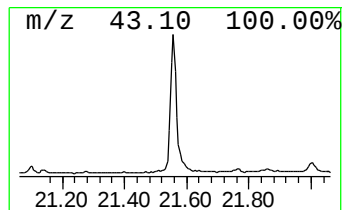
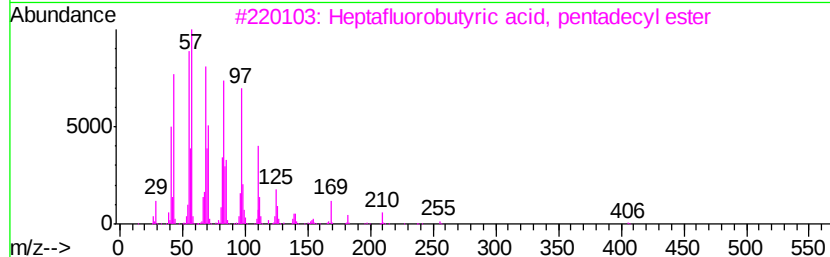
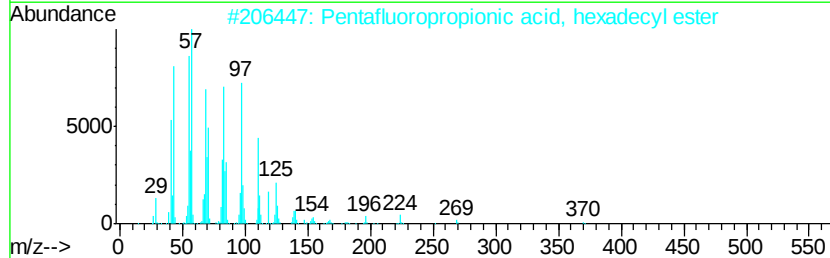
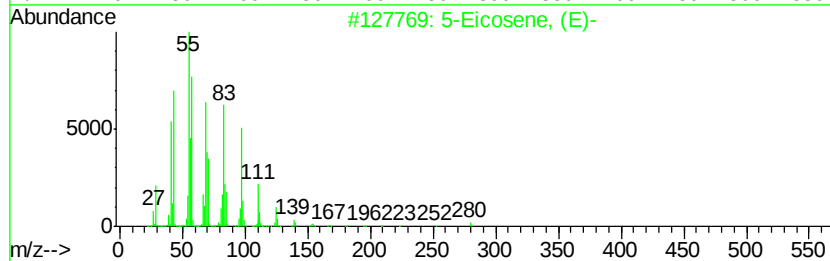
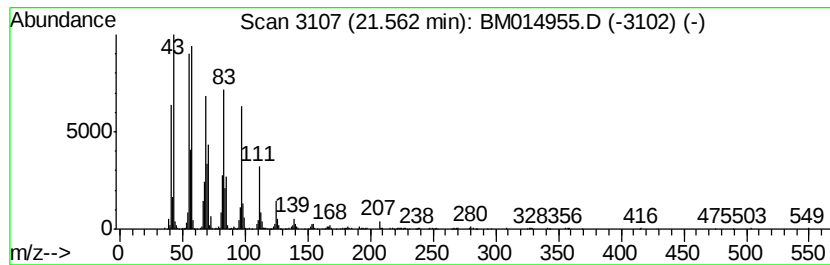
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	8.28 ng/ul	1670050	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
3	Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Pentafluoropropionic acid, pentadecyl ester	374	C18H31F5O2	959092-08-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	25.8	ng/ul	3088280	1	8.49	2395610	20.0
n-Hexadecanoic acid	18.64	9.2	ng/ul	1716080	4	17.81	3752570	20.0
Octadecanoic acid	19.88	5.5	ng/ul	1110570	5	21.90	4036220	20.0
(DEL) Alkane: Cyc...	21.56	8.3	ng/ul	1670050	5	21.90	4036220	20.0