

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014945.D
 Acq On : 03 May 2018 16:20
 Operator : SJ/JU
 Sample : J2554-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF8

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	3.334	4	8	15	rVV	2245109	2995440	27.21%	2.606%
2	3.640	55	60	70	rVB	113730	174691	1.59%	0.152%
3	4.228	155	160	168	rBV	114738	161108	1.46%	0.140%
4	5.481	367	373	382	rBV	115251	180212	1.64%	0.157%
5	7.616	729	736	748	rBV	2113959	3607222	32.77%	3.138%
6	7.793	759	766	777	rBV	1619713	2630185	23.89%	2.288%
7	8.010	795	803	811	rBV	2107773	3426880	31.13%	2.981%
8	8.493	878	885	898	rBV	1300176	2162617	19.65%	1.881%
9	9.193	996	1004	1014	rBV	1986454	3401074	30.90%	2.959%
10	9.675	1077	1086	1094	rBV	1990390	3339879	30.34%	2.905%
11	10.404	1200	1210	1224	rBV	1593531	2704694	24.57%	2.353%
12	10.939	1292	1301	1313	rBV	2374061	4026031	36.57%	3.502%
13	11.334	1360	1368	1376	rBV	1790255	3072627	27.91%	2.673%
14	11.463	1382	1390	1406	rBV	2057203	3740580	33.98%	3.254%
15	14.486	1895	1904	1909	rBV	4072918	5732779	52.08%	4.987%
16	14.533	1909	1912	1918	rVB	883863	1126407	10.23%	0.980%
17	14.798	1950	1957	1968	rBV	4672909	6883186	62.53%	5.988%
18	14.945	1977	1982	1988	rVB	150488	193773	1.76%	0.169%
19	15.098	2001	2008	2014	rBV2	2473097	3745005	34.02%	3.258%
20	15.257	2025	2035	2051	rBV	1982862	3006185	27.31%	2.615%
21	15.886	2138	2142	2148	rVB	205173	250366	2.27%	0.218%
22	16.074	2167	2174	2180	rBV	5815875	8338115	75.74%	7.253%
23	16.174	2186	2191	2201	rVB	1854516	2538295	23.06%	2.208%
24	16.733	2282	2286	2296	rBV	163838	277841	2.52%	0.242%
25	17.521	2415	2420	2424	rBV	109965	140328	1.27%	0.122%
26	17.810	2462	2469	2473	rBV	3030270	4322241	39.26%	3.760%
27	17.851	2473	2476	2480	rVV	578097	794386	7.22%	0.691%
28	17.910	2480	2486	2498	rVB	6195386	8996443	81.72%	7.826%
29	18.639	2604	2610	2619	rBV	1234465	1805942	16.41%	1.571%
30	18.715	2619	2623	2630	rVB2	94114	172165	1.56%	0.150%
31	18.862	2642	2648	2651	rBV4	75235	130488	1.19%	0.114%
32	19.786	2799	2805	2806	rVV2	106619	188164	1.71%	0.164%
33	19.815	2806	2810	2816	rVB	883607	1235025	11.22%	1.074%
34	19.880	2816	2821	2830	rBV	432956	648555	5.89%	0.564%

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35	20.039	2844	2848	2855	rVB2	71471	114818	1.04%	0.100%
36	20.151	2860	2867	2877	rBV2	7087709	11008285	100.00%	9.576%
37	20.651	2949	2952	2956	rVB	100316	127178	1.16%	0.111%
38	21.556	3101	3106	3114	rBV2	1499018	2133479	19.38%	1.856%
39	21.898	3158	3164	3168	rBV	3273002	4728542	42.95%	4.113%
40	21.933	3168	3170	3176	rVB	359489	451521	4.10%	0.393%
41	24.215	3551	3558	3565	rBV	3589592	6920222	62.86%	6.020%
42	24.374	3579	3585	3594	rVB	1660070	3320365	30.16%	2.888%

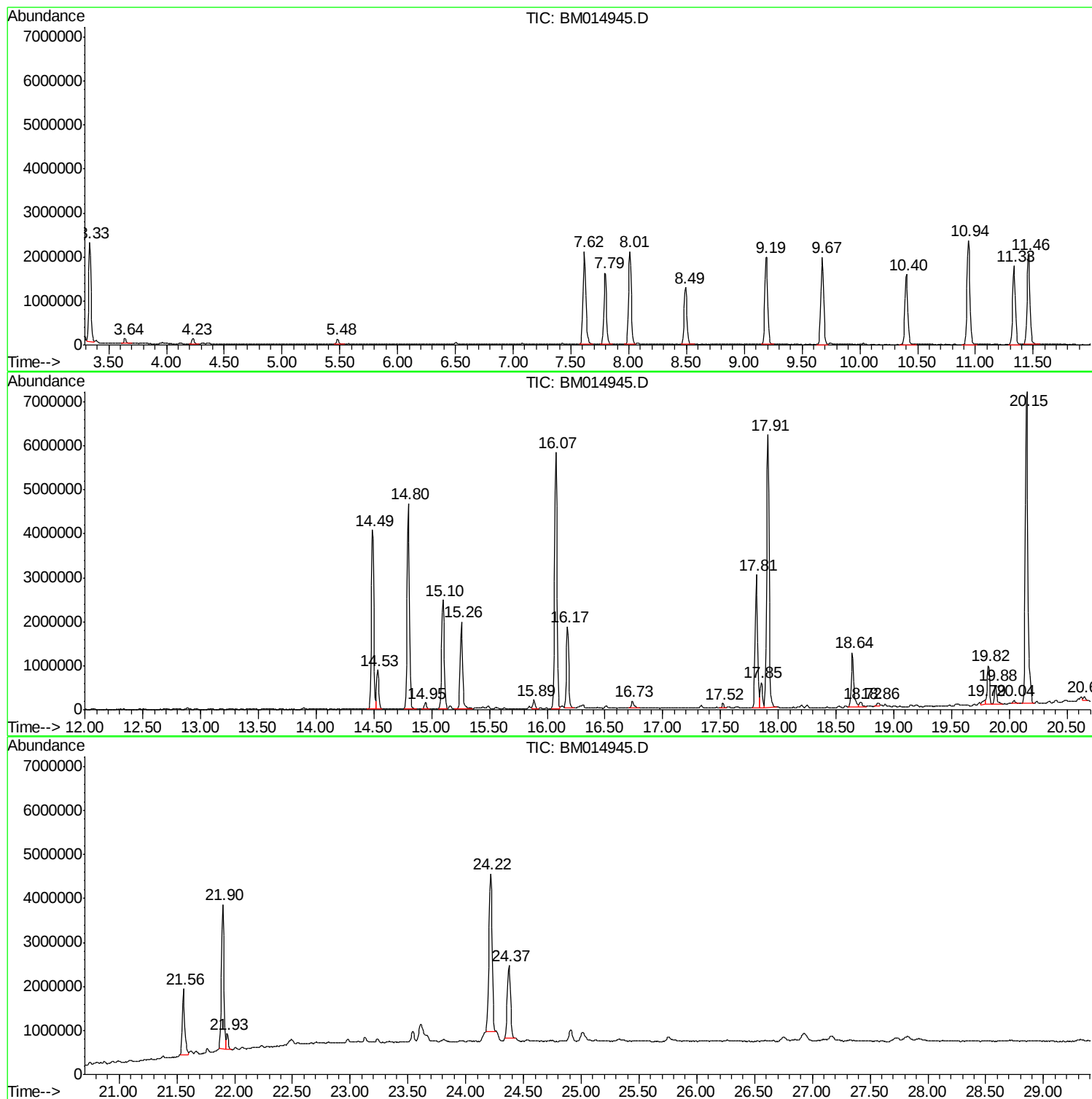
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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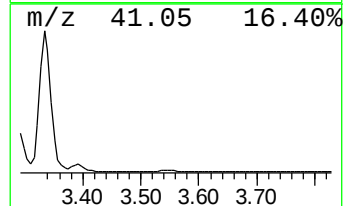
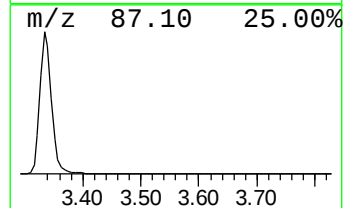
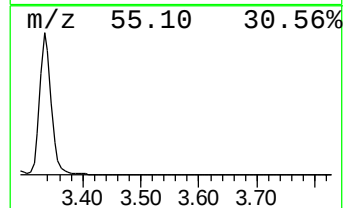
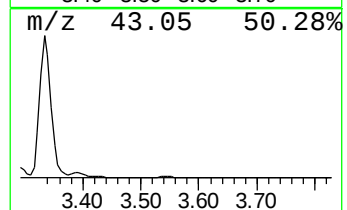
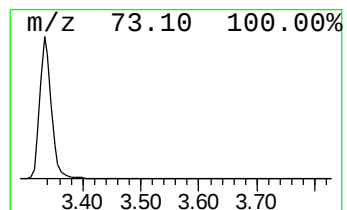
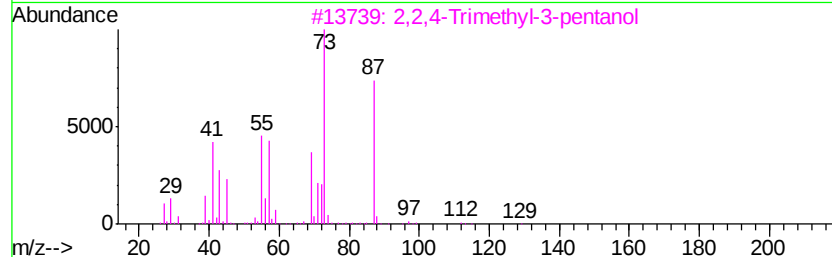
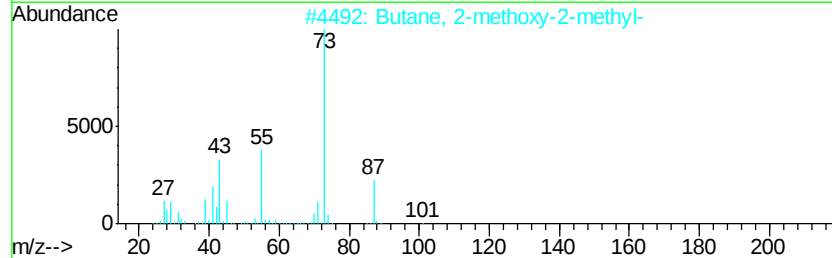
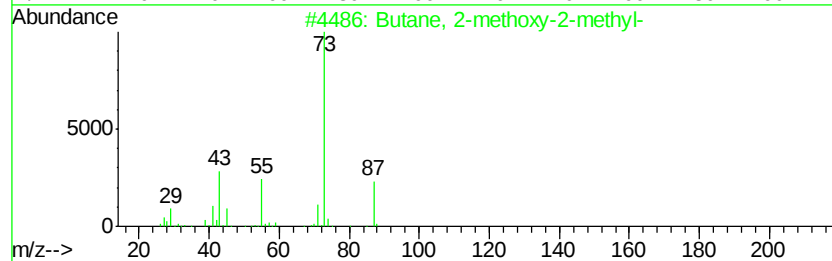
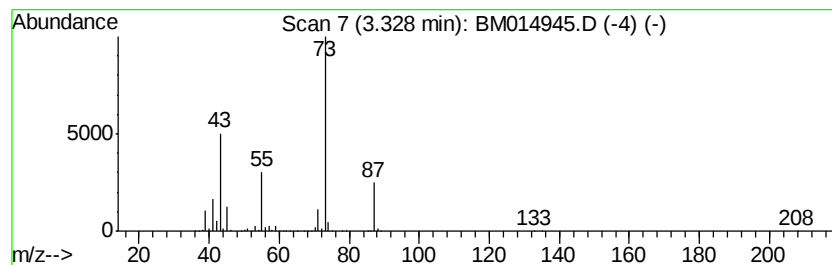
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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.
3.33	27.70 ng/ul	2995440	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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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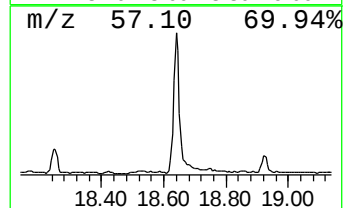
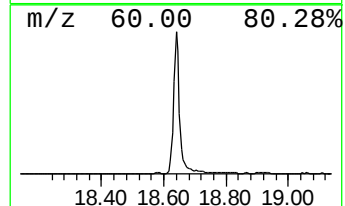
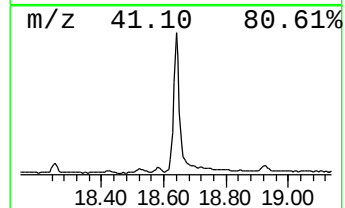
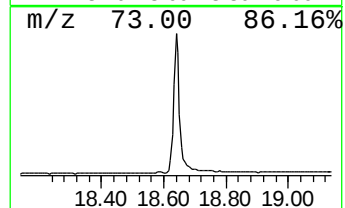
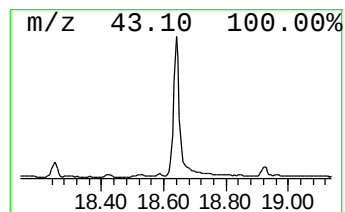
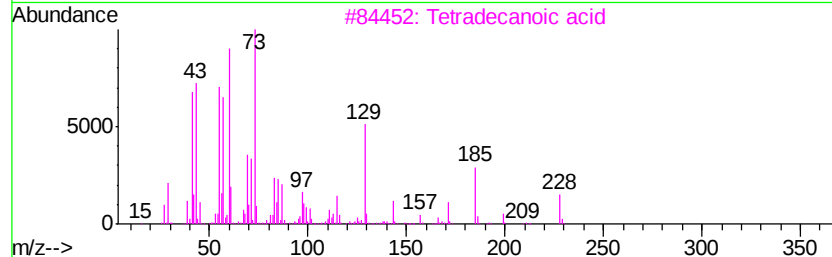
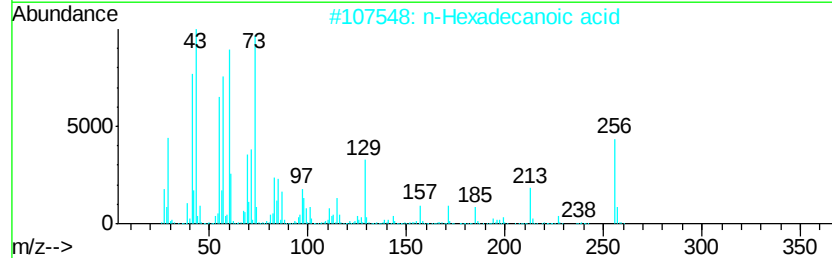
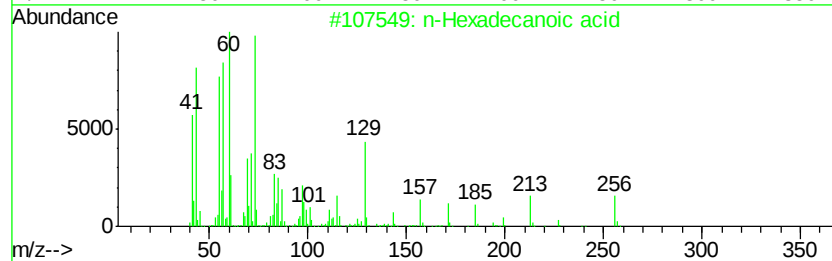
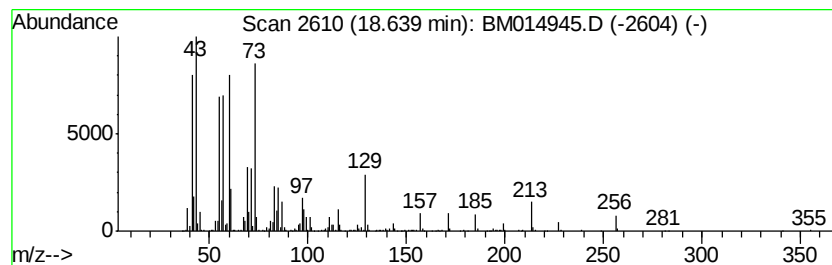
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.36 ng/ul	1805940	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	



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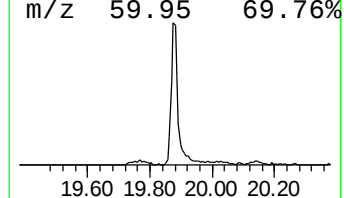
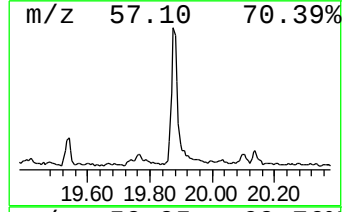
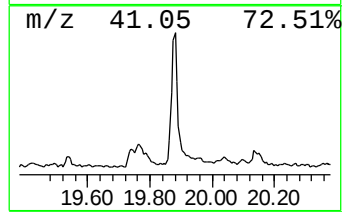
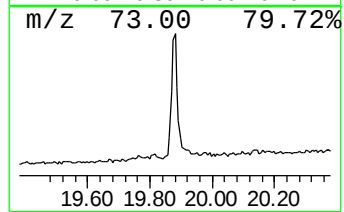
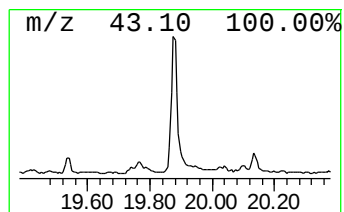
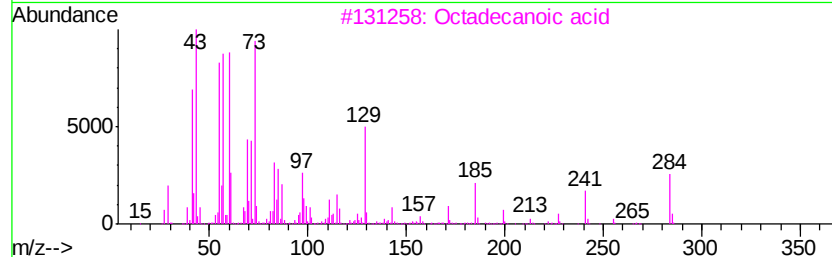
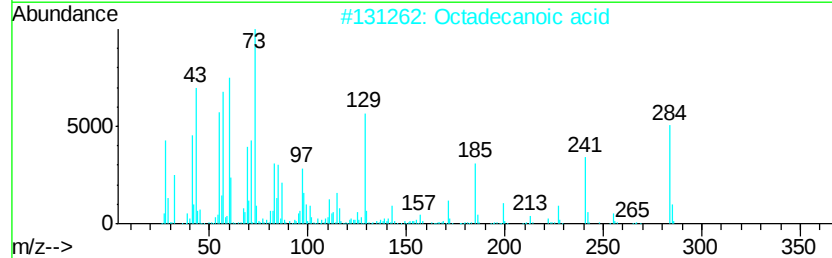
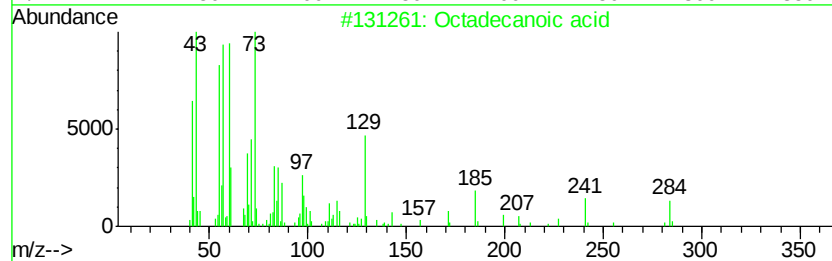
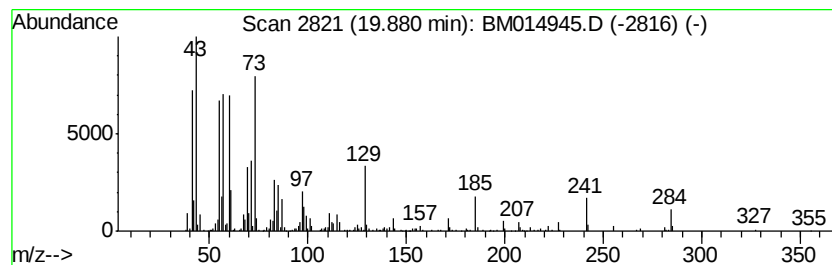
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.74 ng/ul	648555	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	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



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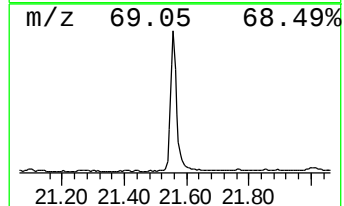
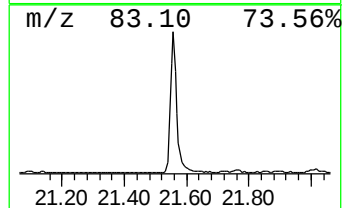
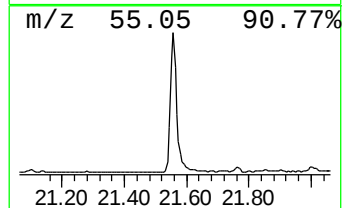
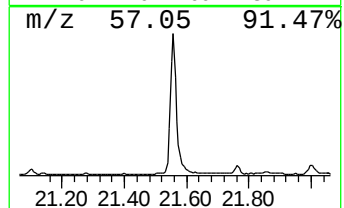
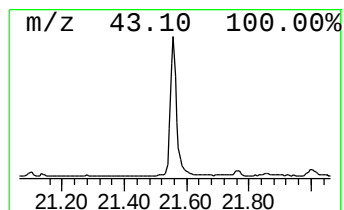
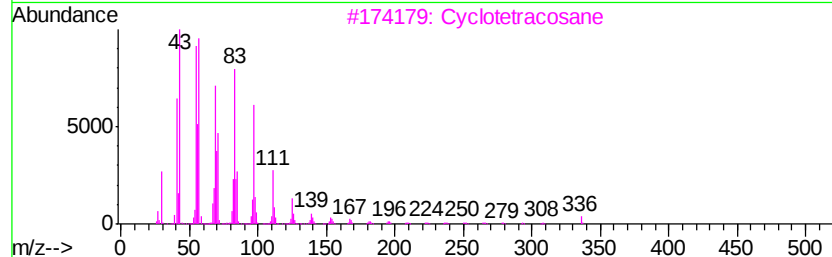
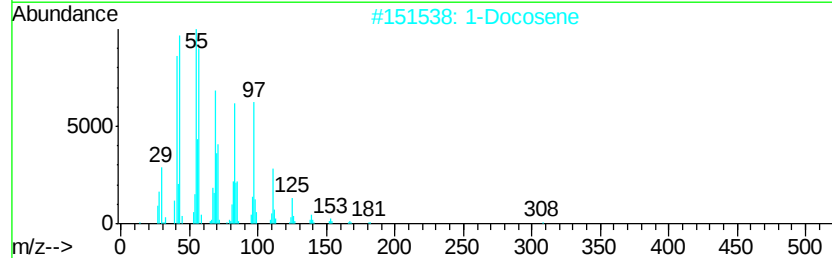
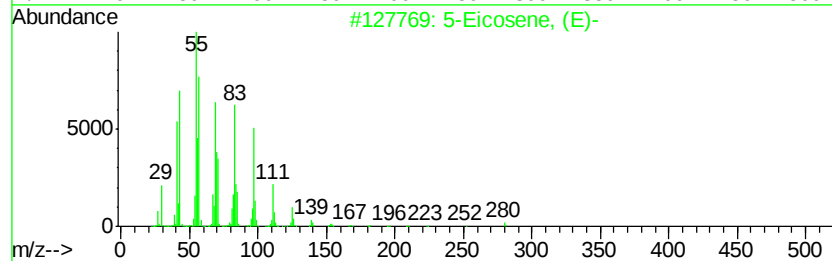
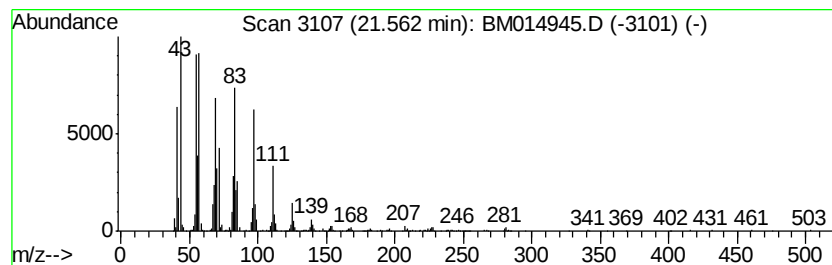
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	9.02 ng/ul	2133480	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Docosene	308	C22H44	001599-67-3	95
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	27.7	ng/ul	2995440	1	8.49	2162620	20.0
n-Hexadecanoic acid	18.64	8.4	ng/ul	1805940	4	17.81	4322240	20.0
Octadecanoic acid	19.88	2.7	ng/ul	648555	5	21.90	4728540	20.0
(DEL) Alkane: Cyc...	21.56	9.0	ng/ul	2133480	5	21.90	4728540	20.0