

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014962.D
 Acq On : 04 May 2018 02:57
 Operator : SJ/JU
 Sample : J2554-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

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	rVB	2952259	3877369	56.44%	4.006%
2	3.640	56	60	68	rVB	95190	130637	1.90%	0.135%
3	4.228	156	160	165	rVB	55831	77255	1.12%	0.080%
4	7.616	729	736	750	rBV	1626237	2802246	40.79%	2.895%
5	7.792	759	766	779	rBV	1227562	2003708	29.17%	2.070%
6	8.010	795	803	811	rBV	1678343	2702022	39.33%	2.792%
7	8.492	876	885	899	rBV	1799971	2939567	42.79%	3.037%
8	9.192	996	1004	1013	rBV	1633532	2735971	39.83%	2.827%
9	9.675	1078	1086	1094	rBV	1473635	2479074	36.09%	2.562%
10	10.033	1140	1147	1153	rBV	50618	76646	1.12%	0.079%
11	10.404	1201	1210	1227	rBV	1167205	1998976	29.10%	2.065%
12	10.939	1294	1301	1319	rBV	1736807	2985602	43.46%	3.085%
13	11.333	1360	1368	1376	rBV	2315000	3963635	57.70%	4.096%
14	11.457	1382	1389	1402	rBV	1481376	2703839	39.36%	2.794%
15	13.892	1798	1803	1810	rBV	76489	104424	1.52%	0.108%
16	14.374	1880	1885	1889	rBV2	98755	152937	2.23%	0.158%
17	14.486	1897	1904	1909	rBV	2704354	3870320	56.34%	3.999%
18	14.533	1909	1912	1917	rVB	727761	933040	13.58%	0.964%
19	14.798	1950	1957	1969	rBV	3219226	4815012	70.09%	4.975%
20	14.945	1978	1982	1987	rBV	242709	316876	4.61%	0.327%
21	15.098	2001	2008	2015	rBV2	2922209	4450752	64.79%	4.599%
22	15.257	2029	2035	2051	rBV	1240595	1939196	28.23%	2.004%
23	15.392	2053	2058	2062	rVV5	34134	79157	1.15%	0.082%
24	15.445	2062	2067	2071	rVV4	59607	113935	1.66%	0.118%
25	15.492	2071	2075	2080	rVV5	44165	72887	1.06%	0.075%
26	15.557	2082	2086	2094	rVB2	55395	86120	1.25%	0.089%
27	15.845	2130	2135	2138	rBV	47220	69047	1.01%	0.071%
28	15.886	2138	2142	2147	rVB	336662	414369	6.03%	0.428%
29	16.074	2167	2174	2180	rBV	3897519	5664991	82.47%	5.853%
30	16.180	2186	2192	2201	rBV	947546	1359772	19.79%	1.405%
31	16.286	2203	2210	2219	rVV2	80185	255960	3.73%	0.264%
32	16.357	2219	2222	2231	rVB5	78389	139069	2.02%	0.144%
33	16.733	2282	2286	2297	rBV	274007	456699	6.65%	0.472%
34	17.521	2415	2420	2425	rBV	148673	208897	3.04%	0.216%

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35	17.809	2463	2469	2474	rBV2	3246225	4628333	67.38%	4.782%
36	17.851	2474	2476	2480	rVV	174147	223212	3.25%	0.231%
37	17.909	2480	2486	2496	rVB	4251524	5950169	86.62%	6.148%
38	18.251	2540	2544	2547	rBV	64851	81559	1.19%	0.084%
39	18.639	2605	2610	2621	rBV	1871711	2755580	40.11%	2.847%
40	19.815	2807	2810	2815	rVB	315742	429738	6.26%	0.444%
41	19.880	2816	2821	2830	rBV	1089184	1577017	22.96%	1.629%
42	20.150	2861	2867	2877	rBV	4615201	6869299	100.00%	7.098%
43	21.556	3102	3106	3114	rBV	1687979	2275330	33.12%	2.351%
44	21.897	3159	3164	3169	rBV	3386611	4529145	65.93%	4.680%
45	24.221	3553	3559	3565	rVB	3034471	5901626	85.91%	6.098%
46	24.380	3580	3586	3593	rVB	2307294	4579118	66.66%	4.731%

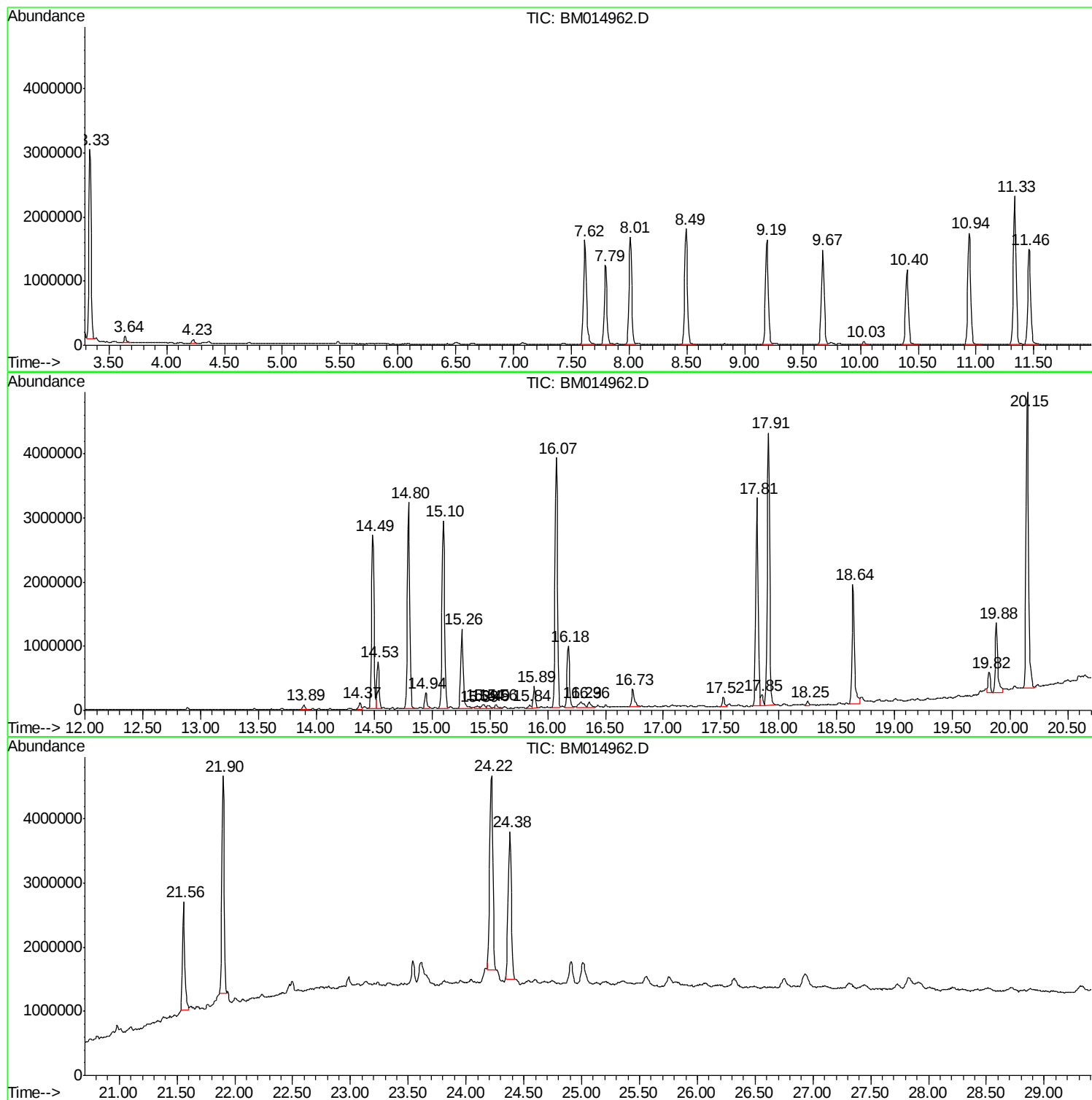
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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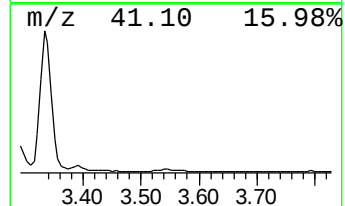
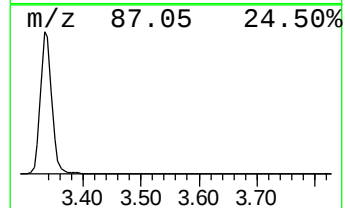
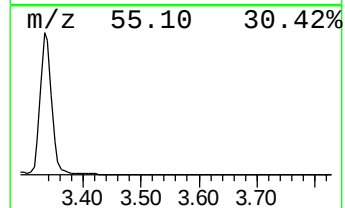
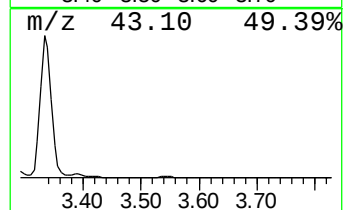
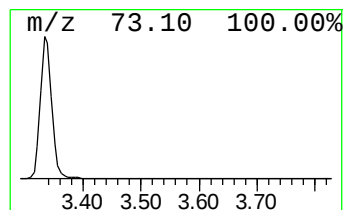
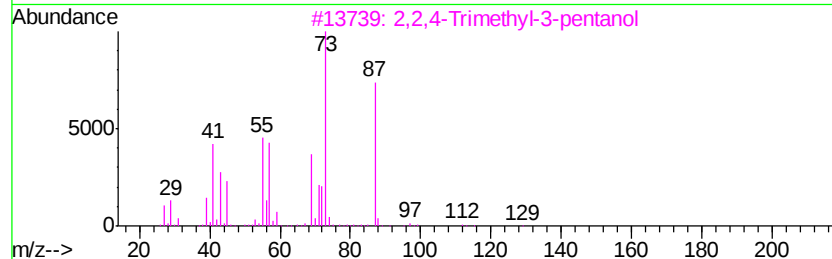
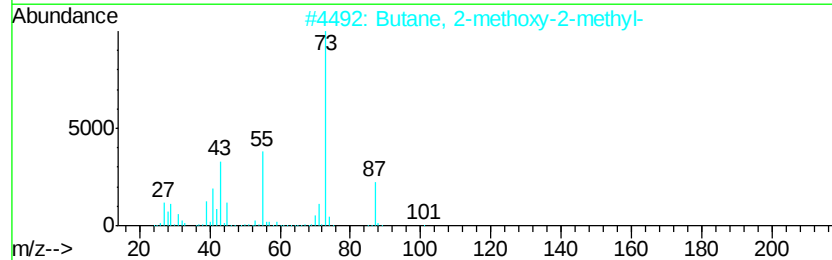
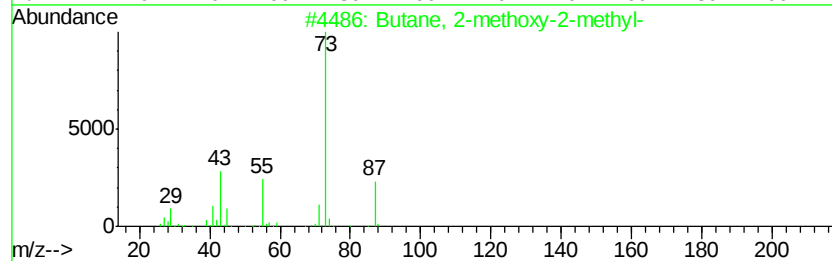
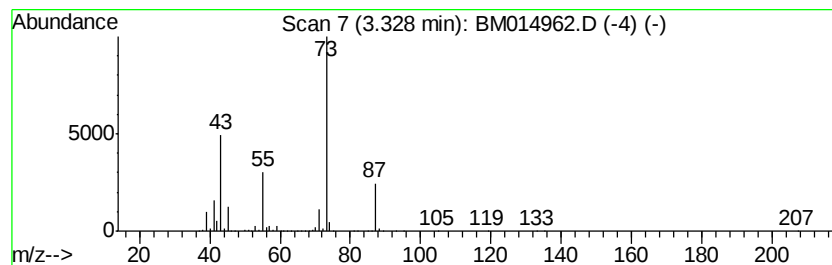
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Quant Title : SVOA CALIBRATION

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	26.38 ng/ul	3877370	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	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



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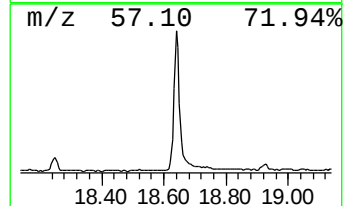
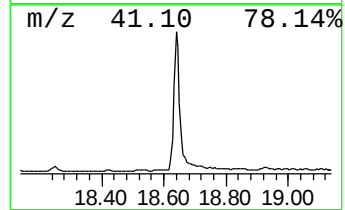
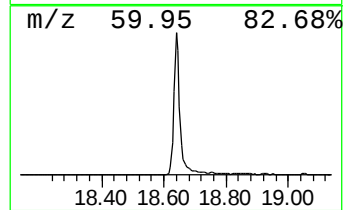
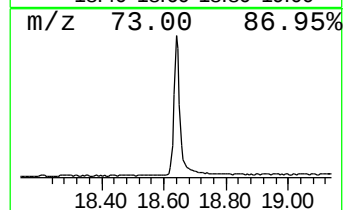
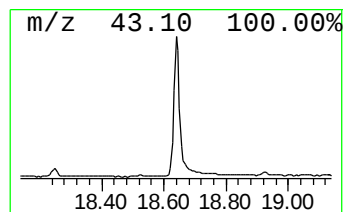
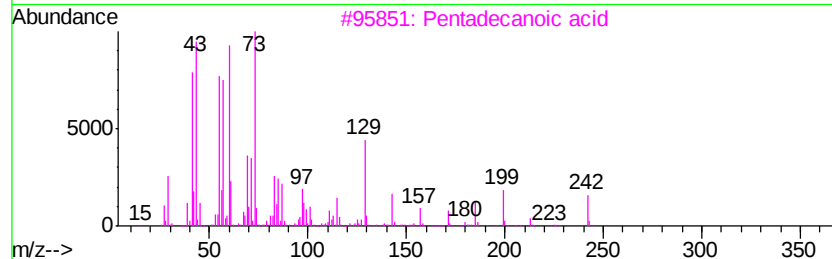
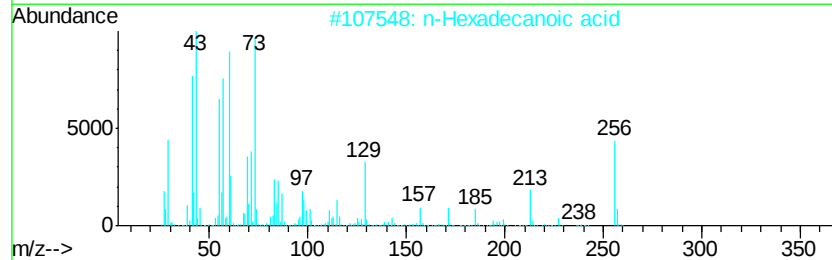
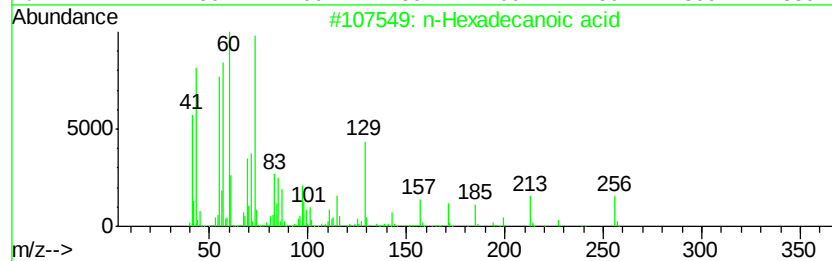
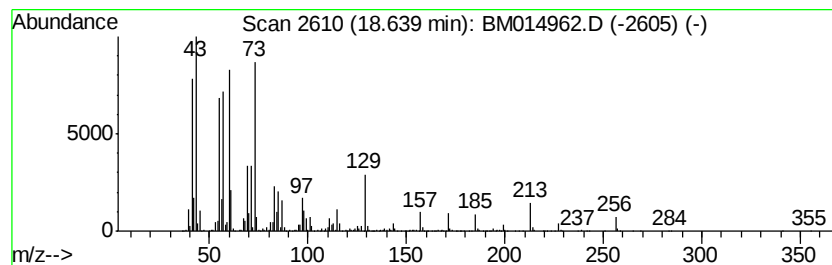
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	11.91 ng/ul	2755580	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	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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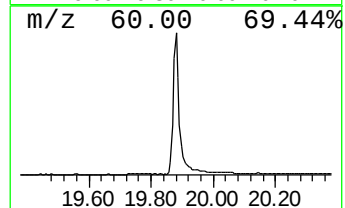
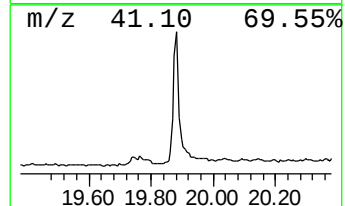
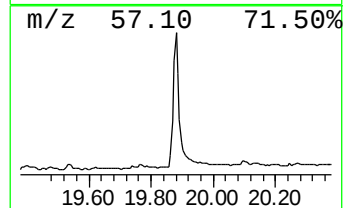
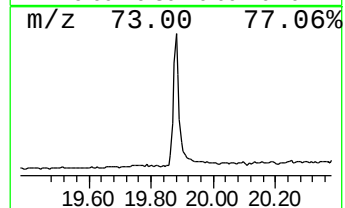
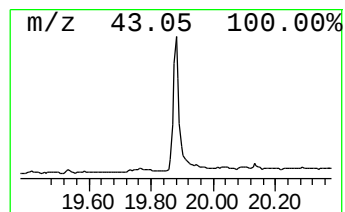
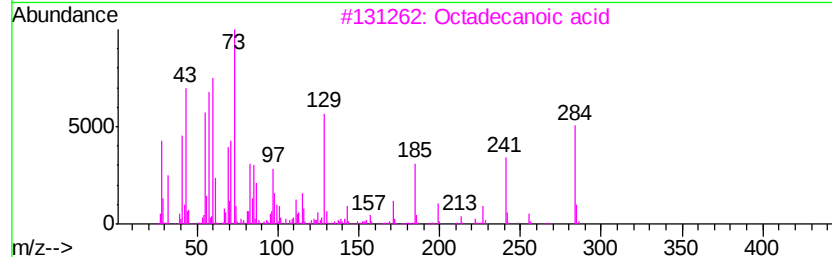
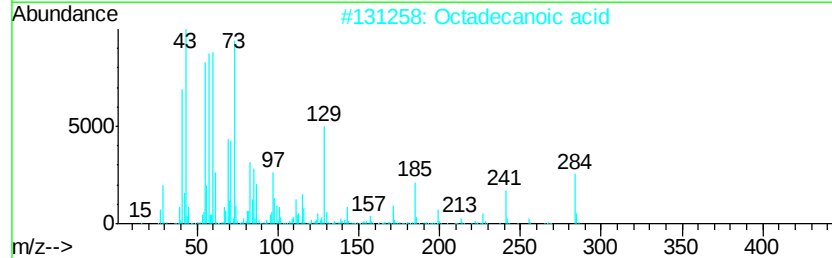
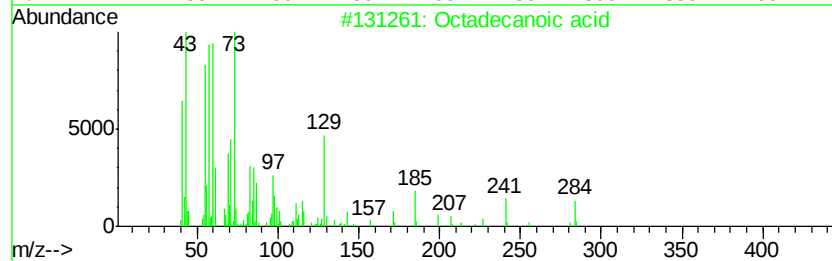
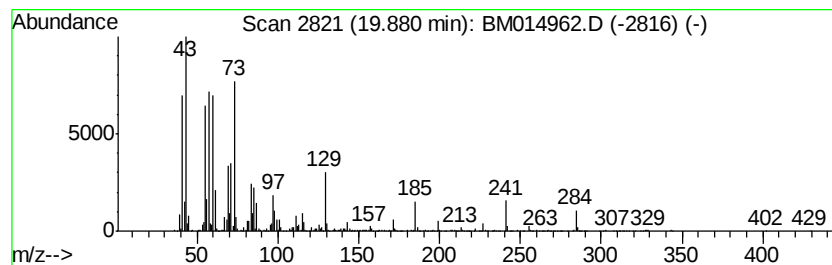
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.96 ng/ul	1577020	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 96
5	Octadecanoic acid	284	C18H36O2	000057-11-4 95



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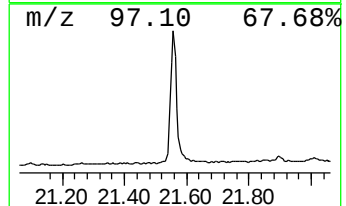
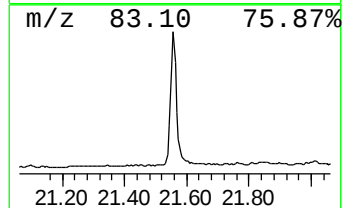
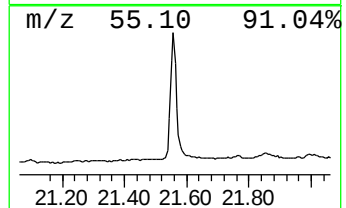
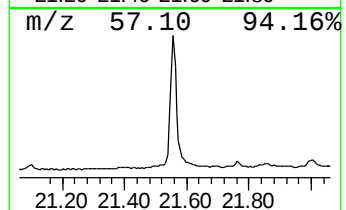
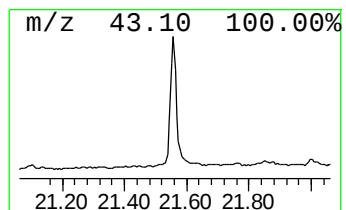
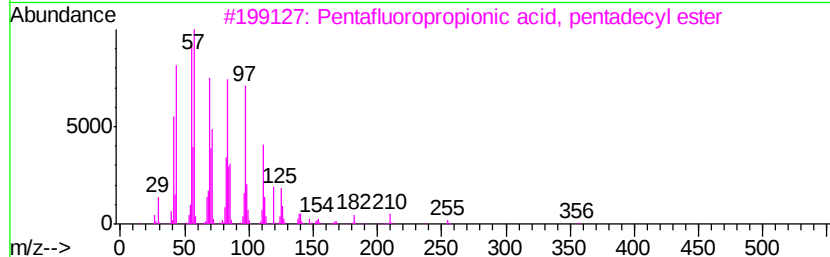
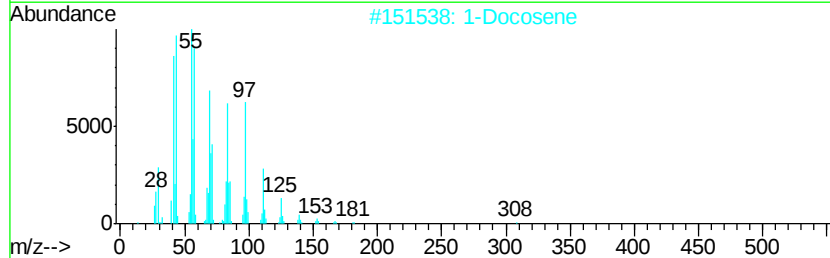
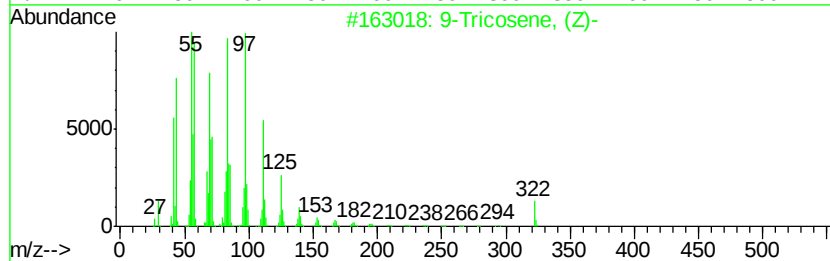
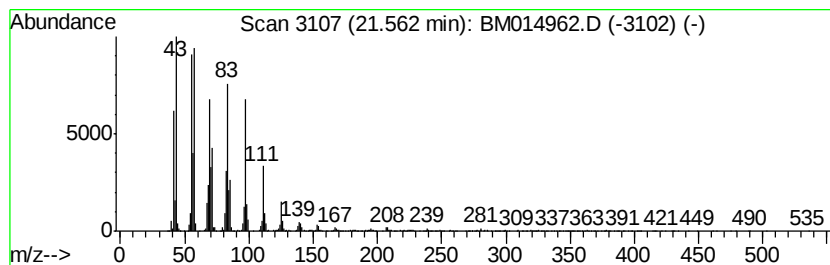
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Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.05 ng/ul	2275330	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2		1-Docosene	308	C22H44	001599-67-3	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	26.4	ng/ul	3877370	1	8.49	2939570	20.0
n-Hexadecanoic acid	18.64	11.9	ng/ul	2755580	4	17.81	4628330	20.0
Octadecanoic acid	19.88	7.0	ng/ul	1577020	5	21.90	4529150	20.0
(DEL) Alkane: Cyc...	21.56	10.1	ng/ul	2275330	5	21.90	4529150	20.0