

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014838.D
 Acq On : 25 Apr 2018 17:44
 Operator : SJ/JU
 Sample : J2449-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD7

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	5	9	27	rVB	1978400	2933648	53.88%	4.275%
2	3.646	57	61	67	rVB	72365	102550	1.88%	0.149%
3	4.722	239	244	249	rBV	76785	106436	1.95%	0.155%
4	5.169	314	320	328	rVB	47715	76132	1.40%	0.111%
5	5.487	367	374	384	rBV2	62054	106695	1.96%	0.155%
6	7.622	731	737	749	rVB	1053036	1755841	32.25%	2.559%
7	7.804	761	768	777	rBV	902169	1402035	25.75%	2.043%
8	8.022	797	805	813	rBV	1113993	1828409	33.58%	2.664%
9	8.504	879	887	897	rVB	1100690	1821522	33.45%	2.654%
10	9.198	997	1005	1014	rBV	1116850	1820091	33.43%	2.652%
11	9.681	1079	1087	1108	rBV	965320	1814659	33.33%	2.644%
12	10.045	1144	1149	1156	rVB2	44642	69391	1.27%	0.101%
13	10.410	1200	1211	1222	rBV	758737	1326641	24.36%	1.933%
14	10.951	1295	1303	1312	rBV	1211809	2046489	37.59%	2.982%
15	11.345	1362	1370	1377	rBV	1454715	2482700	45.60%	3.618%
16	11.469	1384	1391	1404	rVB	1115418	1879636	34.52%	2.739%
17	14.498	1898	1906	1910	rBV	1934541	2726934	50.08%	3.974%
18	14.539	1910	1913	1920	rVB	503379	715767	13.15%	1.043%
19	14.804	1952	1958	1970	rBV	2182122	3367376	61.84%	4.907%
20	14.927	1972	1979	1981	rVV3	49544	106538	1.96%	0.155%
21	14.957	1981	1984	1989	rVB	128648	173308	3.18%	0.253%
22	15.110	2003	2010	2017	rVB2	1836815	2912497	53.49%	4.244%
23	15.263	2030	2036	2046	rBV	765162	1128046	20.72%	1.644%
24	15.563	2083	2087	2096	rBV4	30970	57970	1.06%	0.084%
25	15.898	2139	2144	2148	rVB	158866	203164	3.73%	0.296%
26	16.086	2169	2176	2182	rBV	2763357	4088060	75.08%	5.957%
27	16.180	2187	2192	2204	rVV	717225	1032480	18.96%	1.504%
28	16.310	2204	2214	2224	rVV3	42305	149641	2.75%	0.218%
29	16.745	2284	2288	2291	rBV	126760	182744	3.36%	0.266%
30	17.533	2417	2422	2426	rBV	84300	116817	2.15%	0.170%
31	17.686	2445	2448	2452	rVB	52838	63342	1.16%	0.092%
32	17.821	2464	2471	2476	rBV	2215595	3307553	60.75%	4.820%
33	17.863	2476	2478	2482	rVV	146407	159281	2.93%	0.232%
34	17.915	2482	2487	2499	rVB	2913037	4273857	78.49%	6.228%

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35	18.139	2521	2525	2529	rBV2	43808	60011	1.10%	0.087%
36	18.262	2542	2546	2553	rVB	57454	78744	1.45%	0.115%
37	18.433	2571	2575	2580	rVB	120185	154891	2.84%	0.226%
38	18.651	2606	2612	2620	rBV2	608903	933374	17.14%	1.360%
39	19.551	2762	2765	2773	rVB7	38166	70965	1.30%	0.103%
40	19.827	2808	2812	2817	rVB	386598	499717	9.18%	0.728%
41	19.886	2818	2822	2831	rBV	249611	361810	6.64%	0.527%
42	20.157	2862	2868	2879	rBV	3657360	5444904	100.00%	7.934%
43	21.562	3103	3107	3115	rBV	1052910	1368228	25.13%	1.994%
44	21.909	3160	3166	3170	rBV	2936630	4171494	76.61%	6.079%
45	21.945	3170	3172	3177	rVB	276775	341470	6.27%	0.498%
46	24.233	3554	3561	3568	rVB	2487980	4897088	89.94%	7.136%
47	24.392	3581	3588	3595	rBV	1924394	3905901	71.73%	5.692%

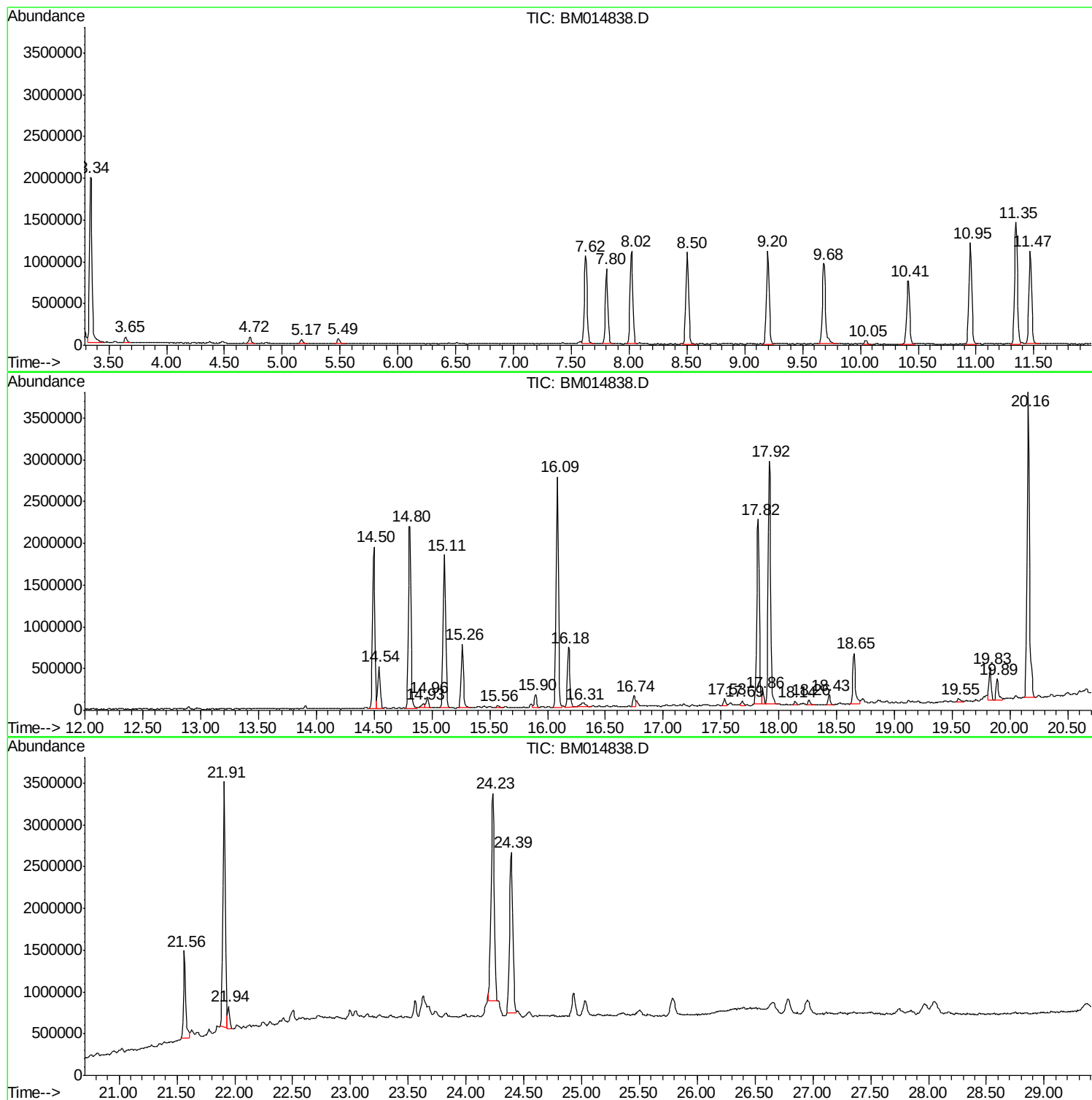
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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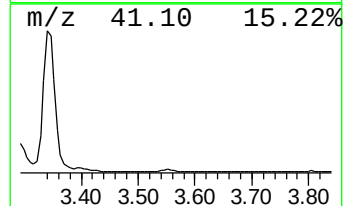
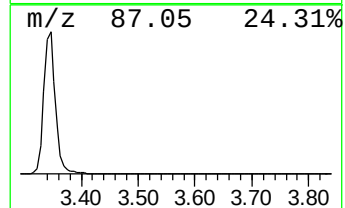
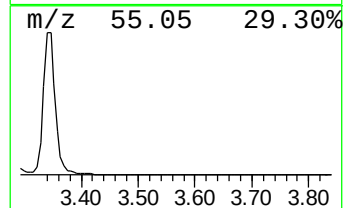
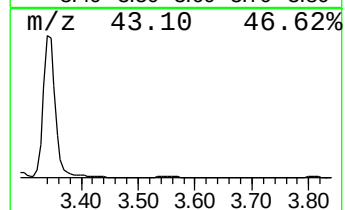
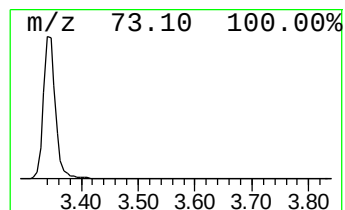
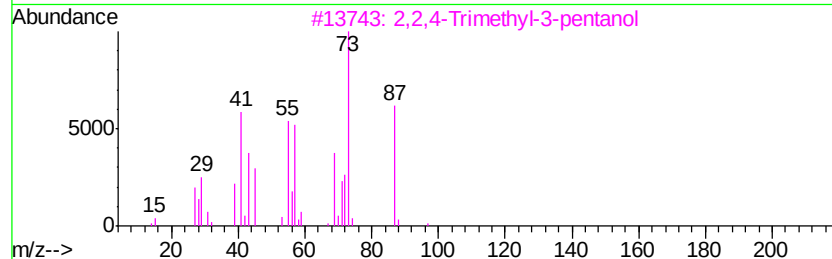
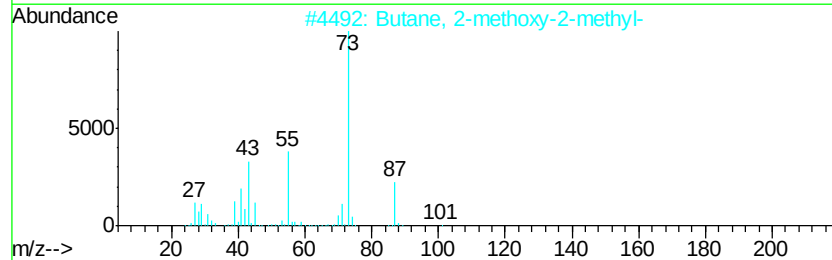
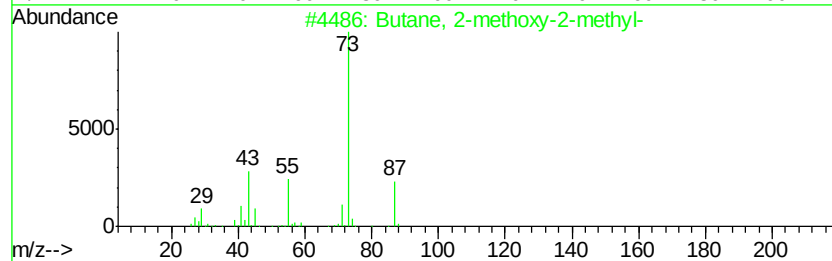
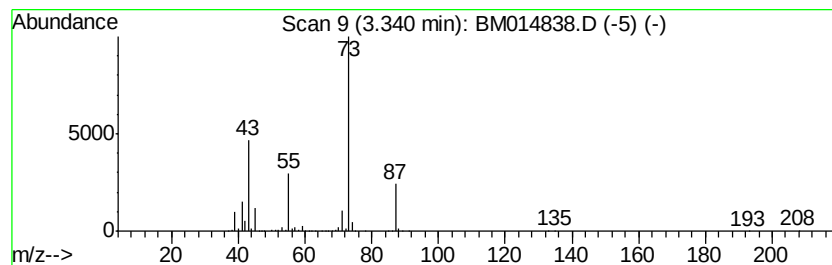
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
3.34	32.21 ng/ul	2933650	1,4-Dichlorobenzene-d4	8.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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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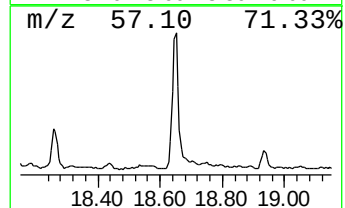
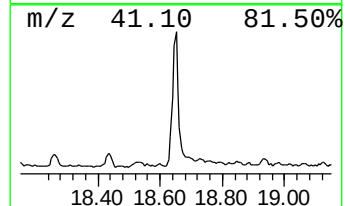
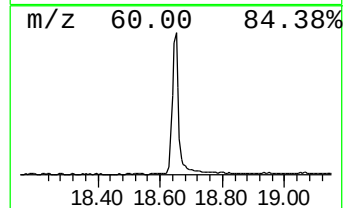
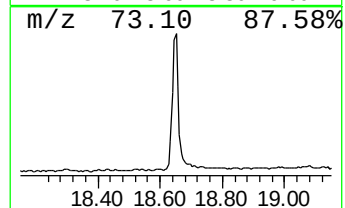
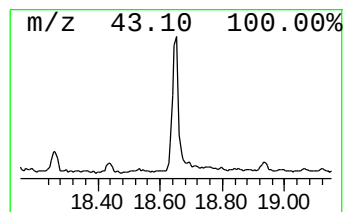
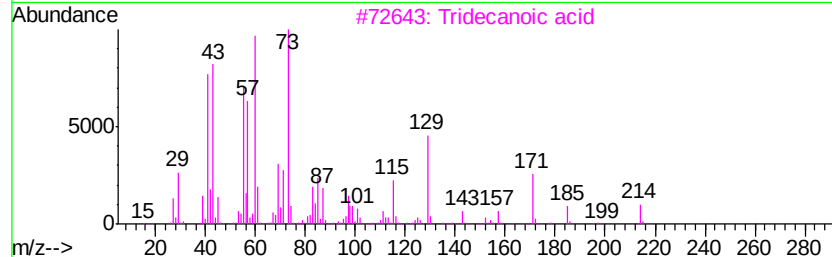
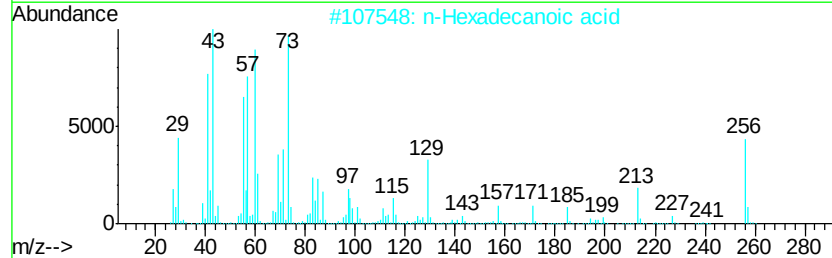
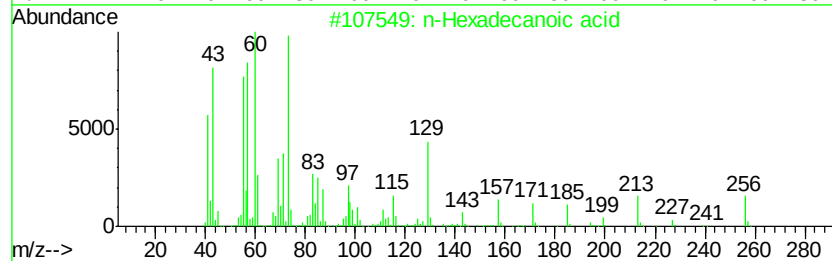
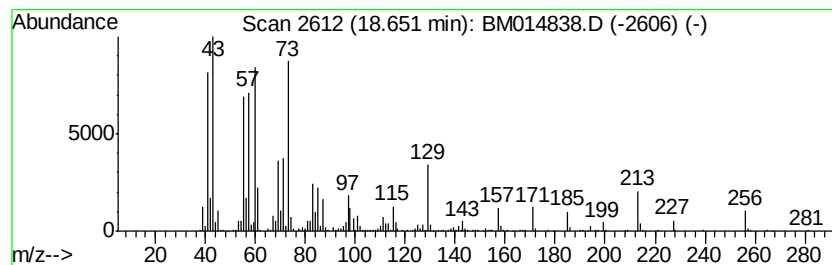
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.65	5.64 ng/ul	933374	Phenanthrene-d10	17.82	
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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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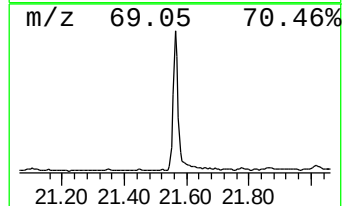
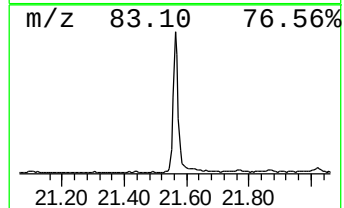
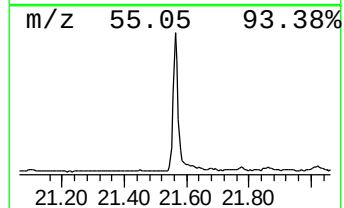
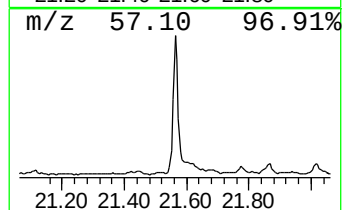
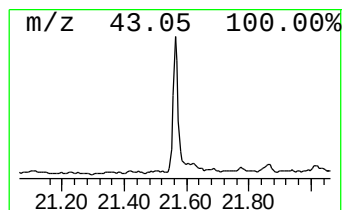
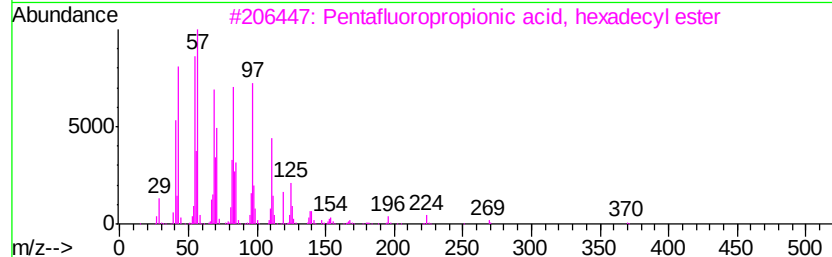
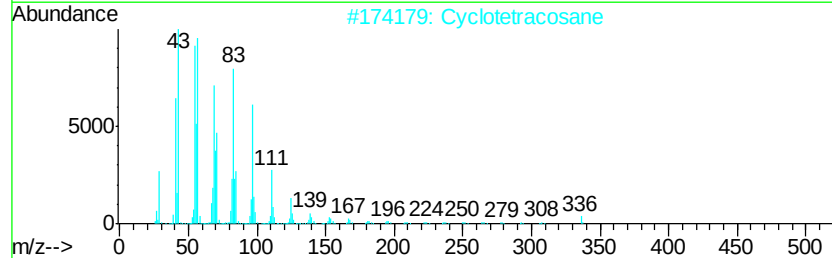
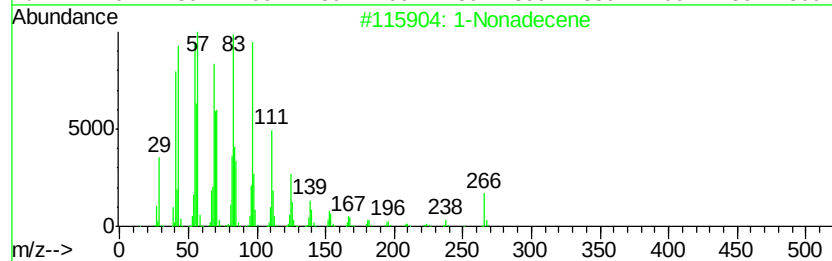
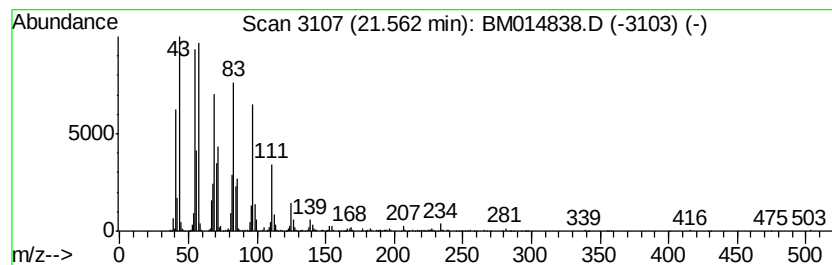
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Peak Number 3 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	6.56 ng/ul	1368230	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	32.2	ng/ul	2933650	1	8.50	1821520	20.0
n-Hexadecanoic acid	18.65	5.6	ng/ul	933374	4	17.82	3307550	20.0
(DEL) Alkane: Cyc...	21.56	6.6	ng/ul	1368230	5	21.91	4171490	20.0