

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012081.D
 Acq On : 11 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I5490-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-41(5-7)-092717

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-BM100317.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	3.258	25	29	37	rVB	67019	93406	1.56%	0.128%
2	7.004	658	666	682	rBV	1169929	2085759	34.80%	2.856%
3	7.169	687	694	706	rVB	926616	1484159	24.76%	2.032%
4	7.369	721	728	738	rBV	1312919	2127821	35.50%	2.914%
5	7.840	796	808	817	rBV	954189	1581457	26.39%	2.166%
6	8.545	921	928	946	rBV	1543917	2609674	43.54%	3.574%
7	9.004	999	1006	1021	rBV	1214745	2092081	34.91%	2.865%
8	9.728	1121	1129	1140	rBV	1072122	1850032	30.87%	2.533%
9	10.263	1210	1220	1233	rBV	1564529	2835326	47.31%	3.883%
10	10.645	1277	1285	1296	rVB	1328167	2299782	38.37%	3.149%
11	10.781	1299	1308	1325	rBV	1249089	2435538	40.64%	3.335%
12	11.463	1417	1424	1437	rBV	106963	218543	3.65%	0.299%
13	13.892	1831	1837	1842	rBV	3020386	4199293	70.06%	5.750%
14	13.939	1842	1845	1853	rVB	1150684	1556398	25.97%	2.131%
15	14.180	1879	1886	1898	rBV	3320577	4921249	82.11%	6.739%
16	14.369	1909	1918	1923	rBV3	47738	82365	1.37%	0.113%
17	14.486	1929	1938	1947	rBV2	1909126	3012479	50.26%	4.125%
18	14.692	1967	1973	1990	rBV	640409	1325081	22.11%	1.815%
19	14.910	2004	2010	2016	rVB6	41615	99228	1.66%	0.136%
20	15.322	2074	2080	2086	rVB2	95151	131003	2.19%	0.179%
21	15.480	2100	2107	2115	rBV	4084778	5829319	97.26%	7.982%
22	15.610	2123	2129	2141	rBV	600700	893582	14.91%	1.224%
23	15.721	2142	2148	2153	rVB2	70850	124404	2.08%	0.170%
24	16.180	2221	2226	2237	rBV	109820	181140	3.02%	0.248%
25	16.974	2356	2361	2365	rBV	62762	84826	1.42%	0.116%
26	17.233	2398	2405	2410	rBV2	2166061	3080525	51.40%	4.218%
27	17.274	2410	2412	2416	rVV	100225	120759	2.01%	0.165%
28	17.333	2416	2422	2432	rVV	3735696	5409885	90.26%	7.408%
29	17.504	2446	2451	2459	rBV5	34092	77075	1.29%	0.106%
30	18.110	2549	2554	2560	rBV	640149	905865	15.11%	1.240%
31	19.286	2744	2754	2761	rBV2	269966	568256	9.48%	0.778%
32	19.386	2767	2771	2778	rBV	567588	777911	12.98%	1.065%
33	19.627	2806	2812	2824	rBV	4004143	5993464	100.00%	8.207%
34	21.098	3059	3062	3067	rBV2	466917	551030	9.19%	0.755%

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Stop Thrs : 0 Peak Location: TOP

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35	21.409	3110	3115	3119	rBV	2210759	2972908	49.60%	4.071%
36	23.580	3478	3484	3498	rVB2	2778930	5691610	94.96%	7.794%
37	23.727	3504	3509	3517	rVB	1439732	2723217	45.44%	3.729%

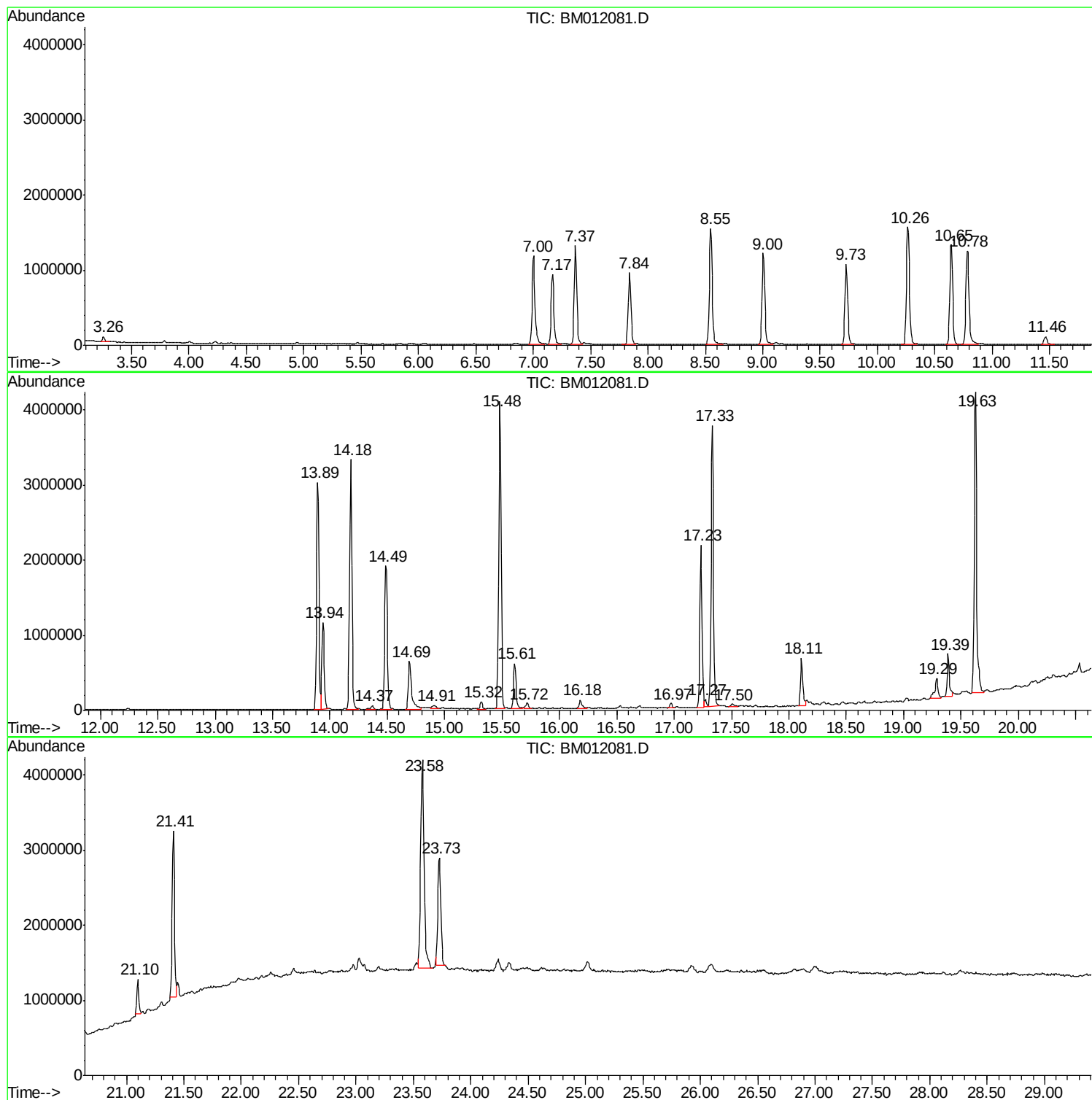
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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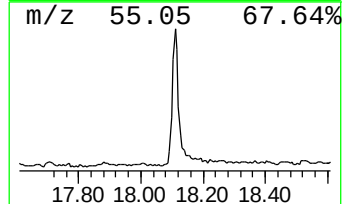
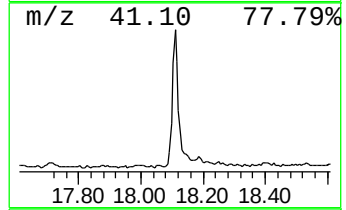
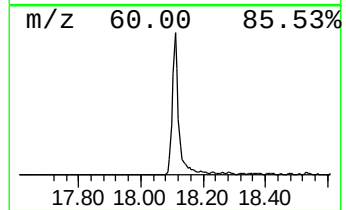
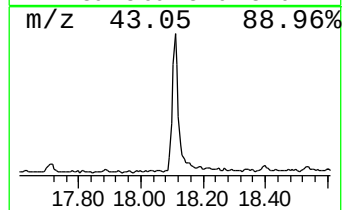
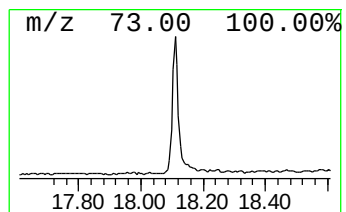
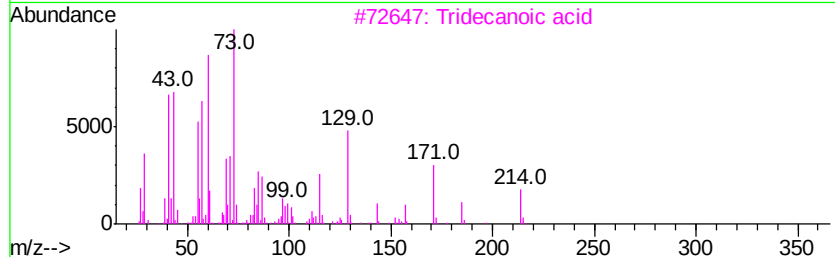
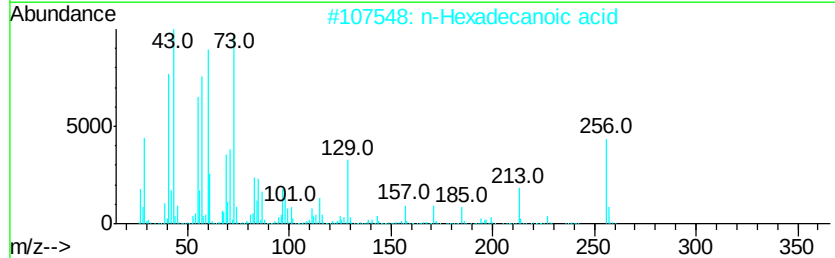
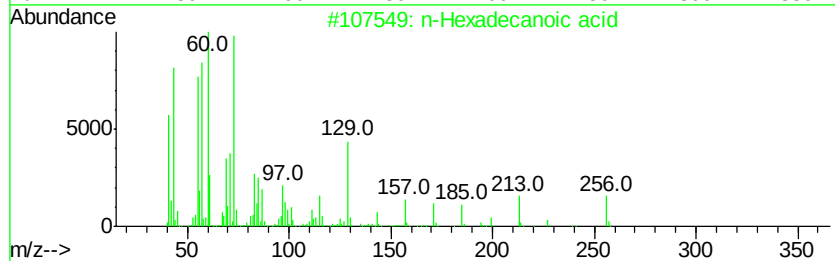
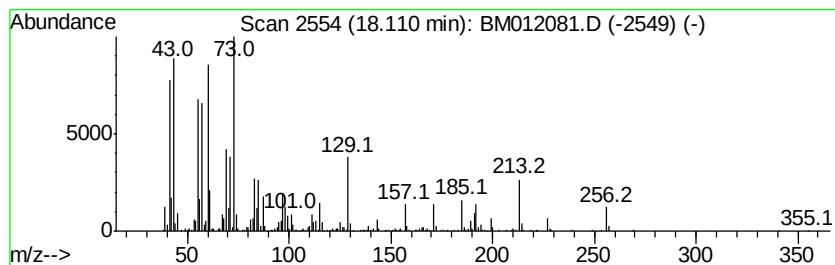
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.11	5.88 ng/ul	905865	Phenanthrene-d10	17.23	
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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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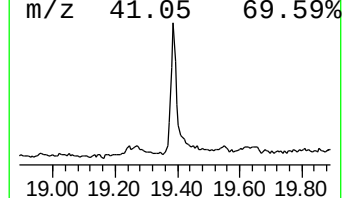
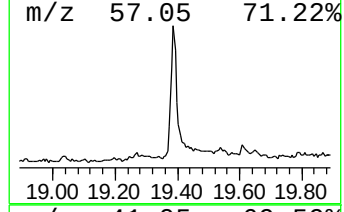
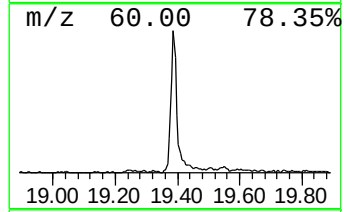
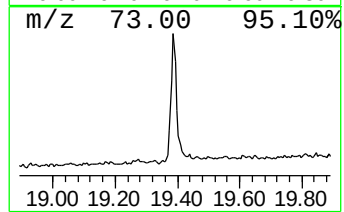
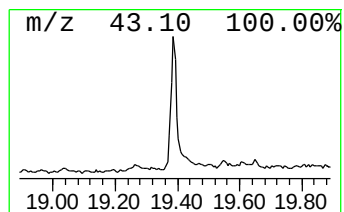
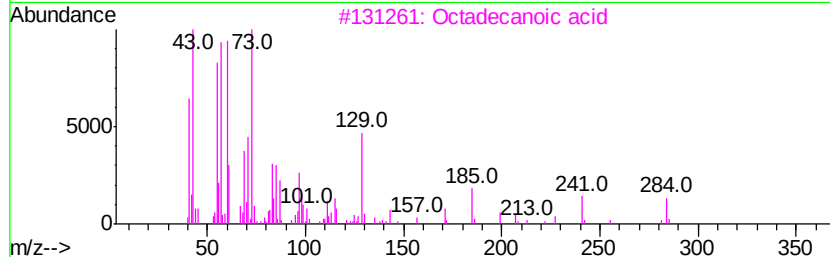
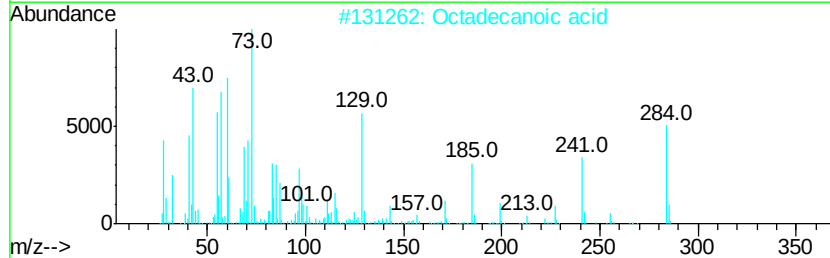
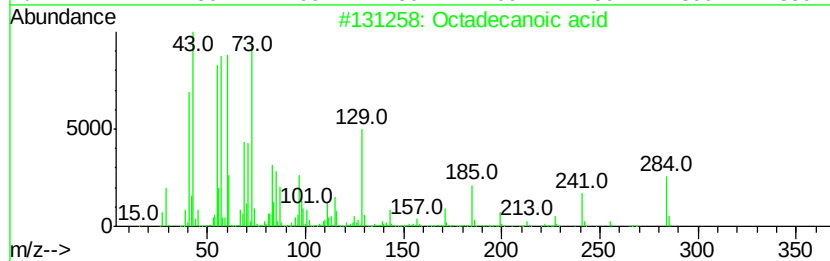
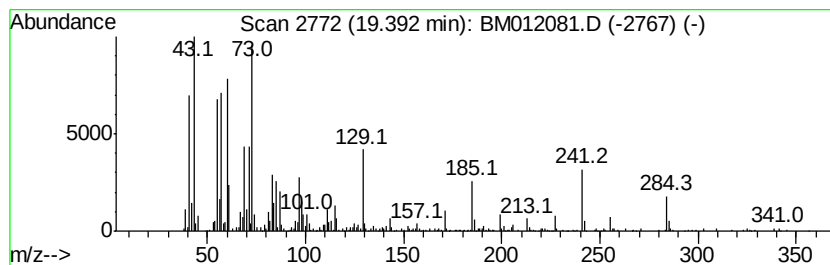
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	5.23 ng/ul	777911	Chrysene-d12	21.41

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	96
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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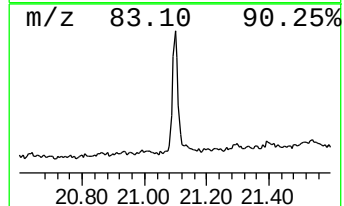
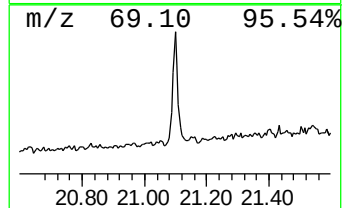
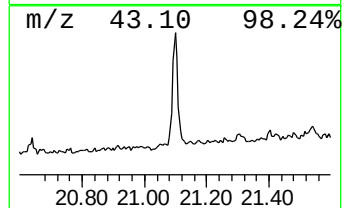
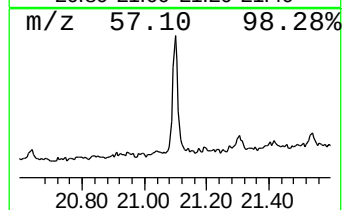
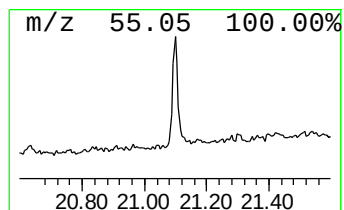
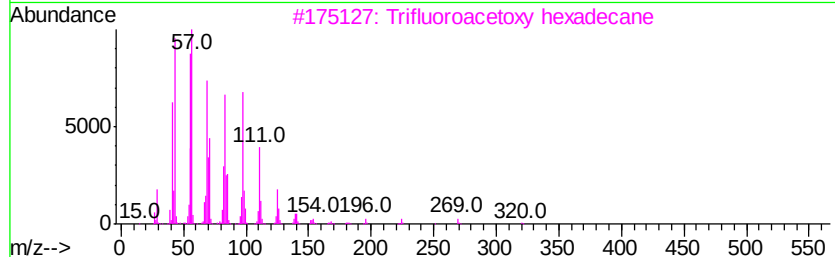
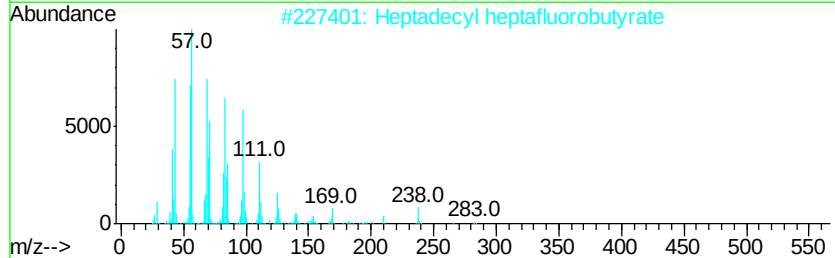
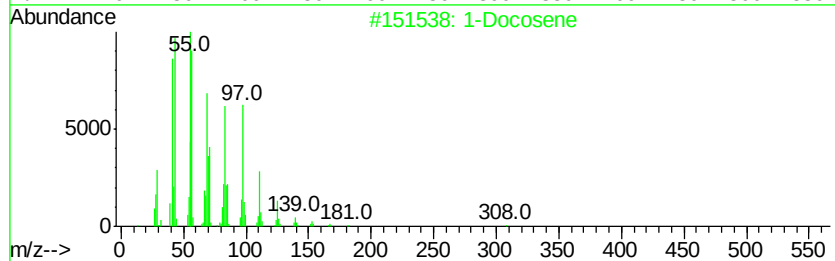
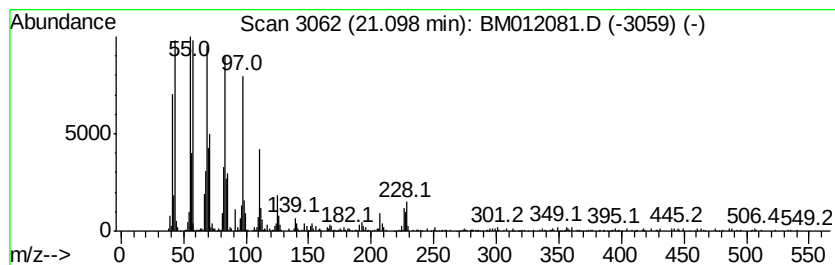
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Peak Number 3 (DEL) Alkane: Cyclic21.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.10	3.71 ng/ul	551030	Chrysene-d12	21.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.11	5.9	ng/ul	905865	4	17.23	3080530	20.0
Octadecanoic acid	19.39	5.2	ng/ul	777911	5	21.41	2972910	20.0
(DEL) Alkane: Cyc...	21.10	3.7	ng/ul	551030	5	21.41	2972910	20.0