

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013225.D
 Acq On : 07 Dec 2017 00:31
 Operator : SJ/JU
 Sample : I6647-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0256

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-BM113017.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	6.875	637	644	659	rVB	1461355	2507367	24.58%	2.516%
2	7.040	665	672	683	rVB	982513	1473191	14.44%	1.479%
3	7.234	698	705	715	rVB	1411177	2231258	21.87%	2.239%
4	7.698	777	784	791	rBV	1009015	1563686	15.33%	1.569%
5	8.404	896	904	914	rBV	2012530	3199482	31.36%	3.211%
6	8.851	973	980	988	rBV	1464560	2361260	23.15%	2.370%
7	9.569	1093	1102	1110	rBV	1300674	2118032	20.76%	2.126%
8	10.104	1185	1193	1204	rBV	2218927	3656063	35.84%	3.669%
9	10.481	1249	1257	1266	rBV	1406350	2307477	22.62%	2.316%
10	10.622	1271	1281	1298	rBV	1612794	2786397	27.31%	2.796%
11	13.169	1706	1714	1722	rVB	77570	118258	1.16%	0.119%
12	13.757	1807	1814	1818	rBV	3853238	5229939	51.27%	5.249%
13	13.804	1818	1822	1830	rVB	756619	1078026	10.57%	1.082%
14	14.033	1850	1861	1870	rBV	4494016	6533177	64.04%	6.557%
15	14.245	1892	1897	1902	rVB	179347	232285	2.28%	0.233%
16	14.339	1905	1913	1920	rBV2	2054788	3117664	30.56%	3.129%
17	14.551	1942	1949	1959	rBV	1821899	2799046	27.44%	2.809%
18	15.204	2056	2060	2065	rVB	203186	249133	2.44%	0.250%
19	15.339	2076	2083	2089	rBV	5527914	7682954	75.31%	7.711%
20	15.457	2096	2103	2110	rBV	1712778	2307206	22.62%	2.316%
21	15.574	2116	2123	2127	rBV4	69128	152093	1.49%	0.153%
22	16.069	2202	2207	2214	rBV	161998	272523	2.67%	0.274%
23	16.857	2335	2341	2346	rBV4	92859	138871	1.36%	0.139%
24	17.086	2372	2380	2385	rBV2	2640000	3799544	37.24%	3.813%
25	17.127	2385	2387	2391	rVV	397422	477611	4.68%	0.479%
26	17.186	2391	2397	2408	rVB	6091605	8461182	82.94%	8.492%
27	17.998	2530	2535	2544	rBV	1449521	1895216	18.58%	1.902%
28	18.151	2555	2561	2566	rBV2	69605	117411	1.15%	0.118%
29	19.145	2722	2730	2737	rBV2	483310	876032	8.59%	0.879%
30	19.280	2748	2753	2763	rBV	1400509	1889947	18.53%	1.897%
31	19.486	2782	2788	2795	rBV	7262168	10201684	100.00%	10.239%
32	19.539	2795	2797	2802	rVB	179631	206603	2.03%	0.207%
33	20.009	2873	2877	2880	rBV5	83837	113903	1.12%	0.114%
34	20.356	2932	2936	2939	rBV5	75657	127916	1.25%	0.128%

LSC Area Percent Report

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35	20.398	2939	2943	2950	rVV7	142462	275920	2.70%	0.277%
36	20.527	2962	2965	2970	rBV3	113422	178709	1.75%	0.179%
37	20.998	3041	3045	3053	rBV	1568325	2026630	19.87%	2.034%
38	21.274	3086	3092	3096	rBV	3262536	4139636	40.58%	4.155%
39	21.874	3191	3194	3205	rVB7	156568	348795	3.42%	0.350%
40	23.368	3441	3448	3462	rVB2	3642499	7516989	73.68%	7.544%
41	23.503	3466	3471	3478	rVB	1506945	2871053	28.14%	2.881%

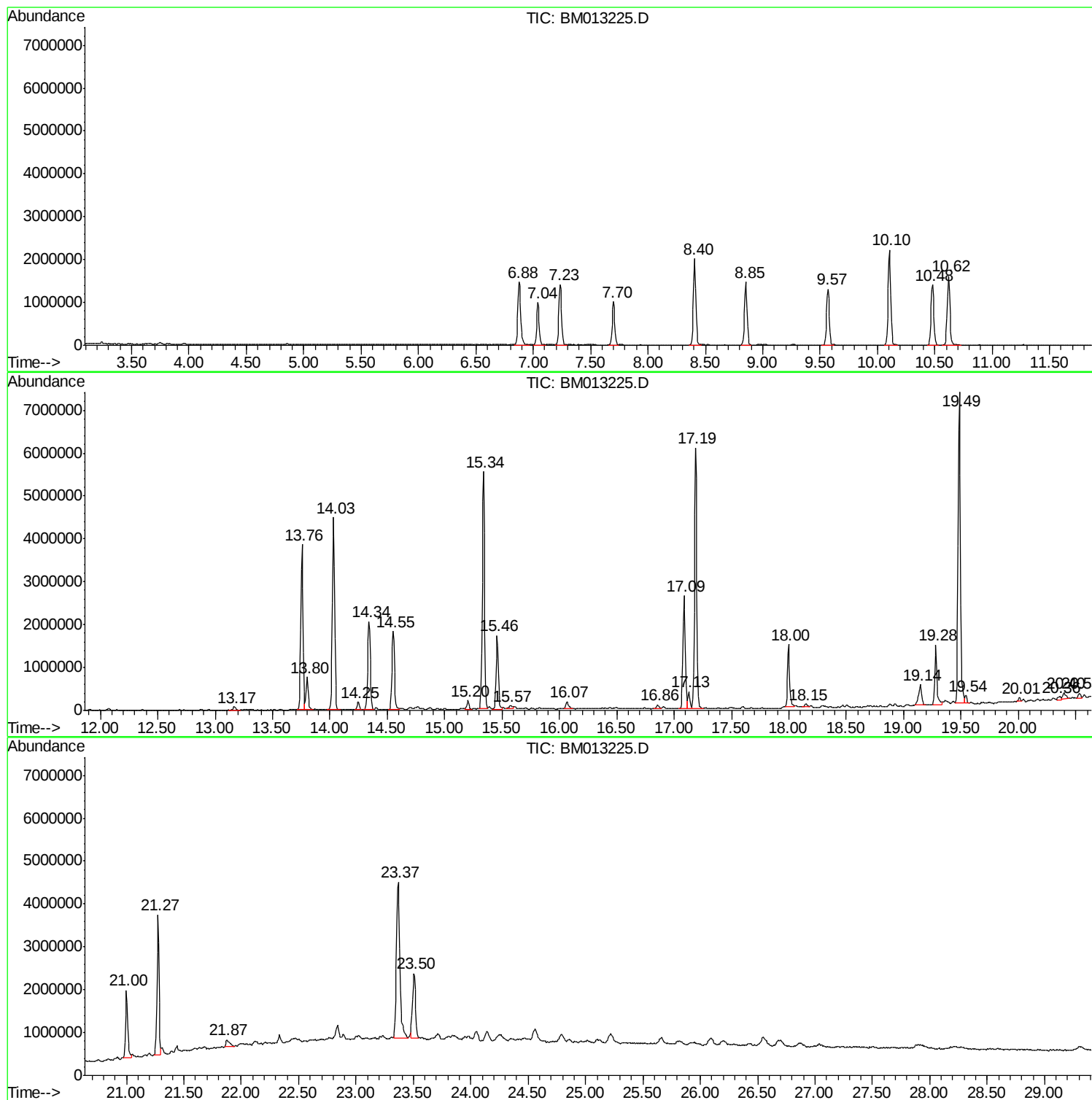
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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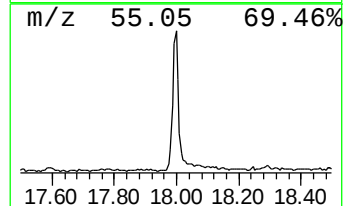
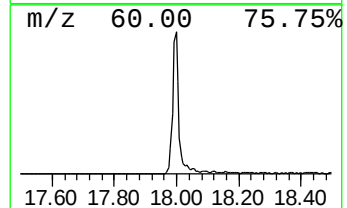
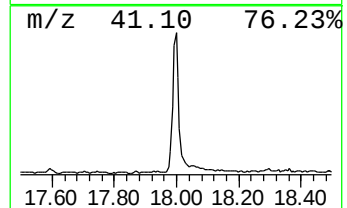
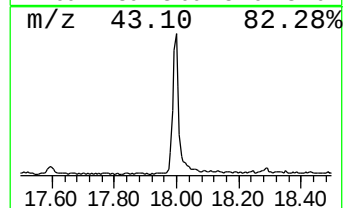
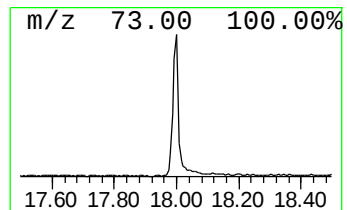
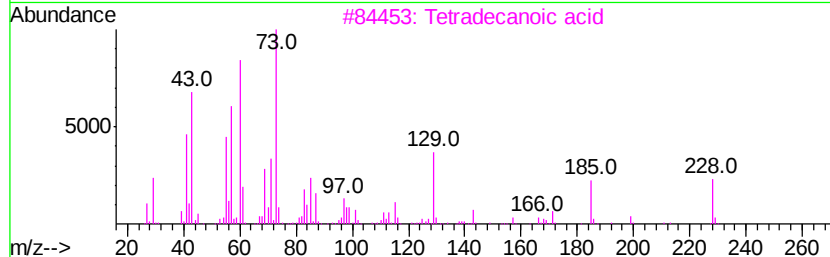
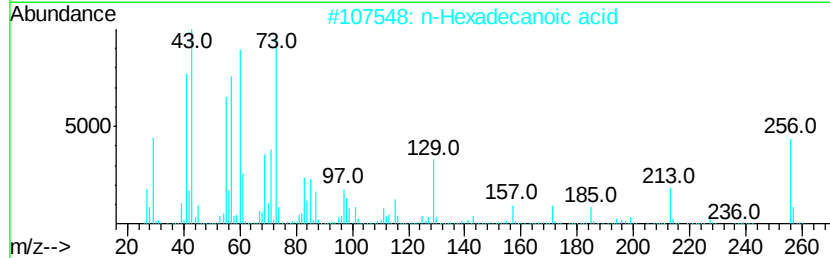
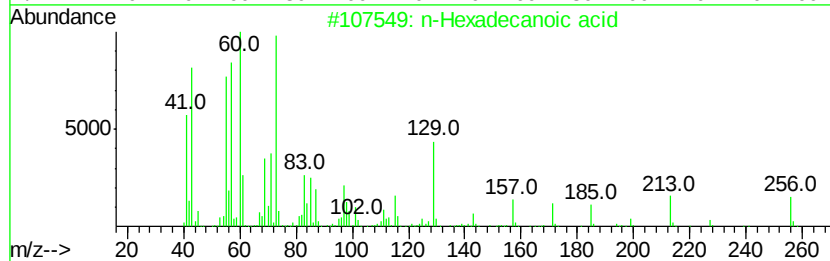
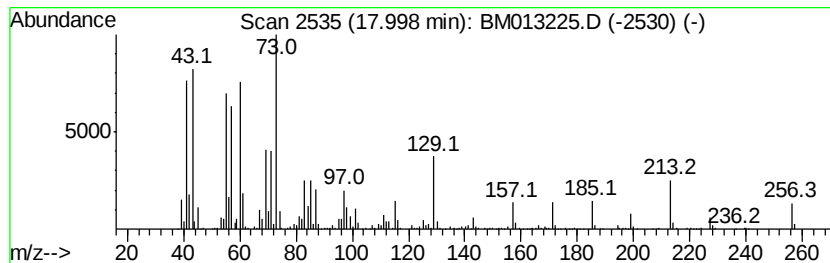
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	9.98 ng/ul	1895220	Phenanthrene-d10	17.09

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		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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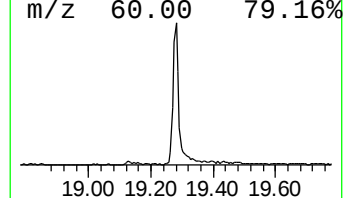
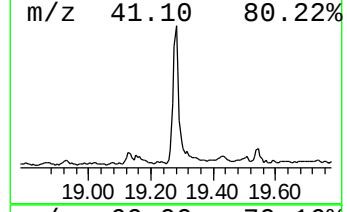
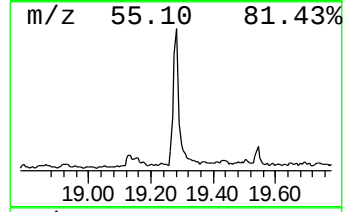
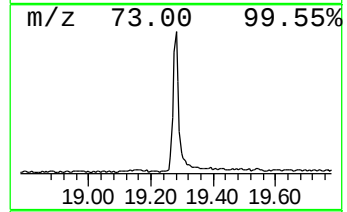
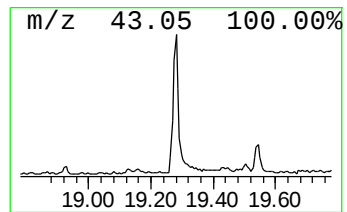
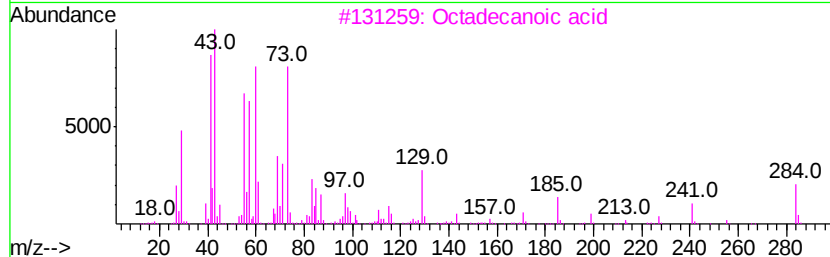
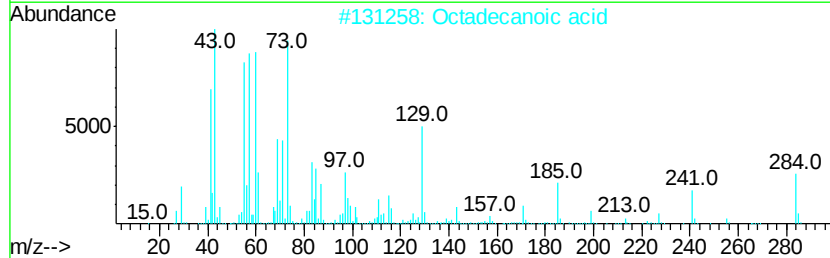
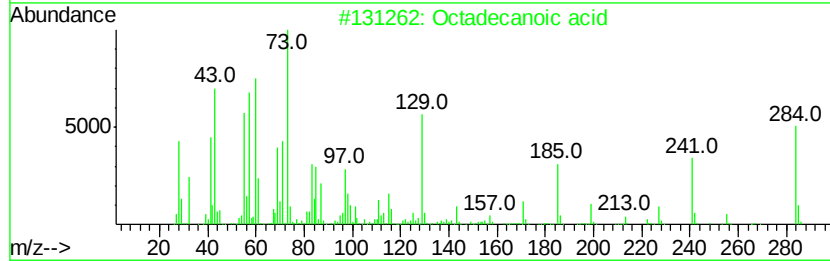
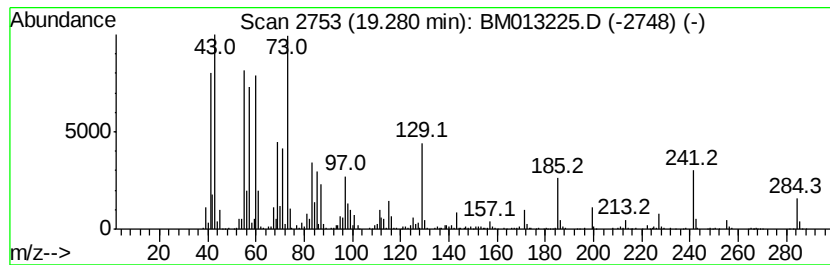
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	9.13 ng/ul	1889950	Chrysene-d12	21.27

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	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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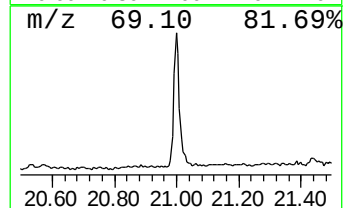
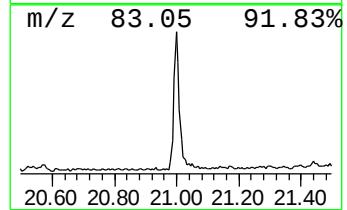
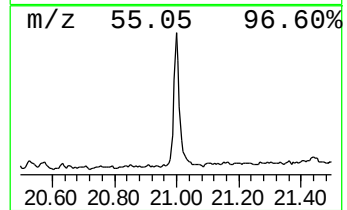
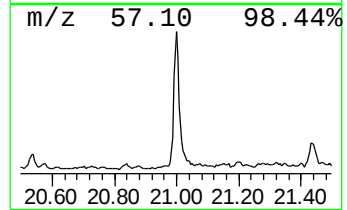
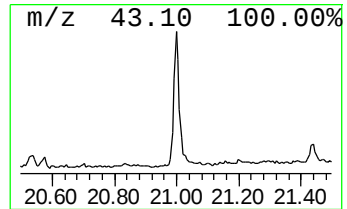
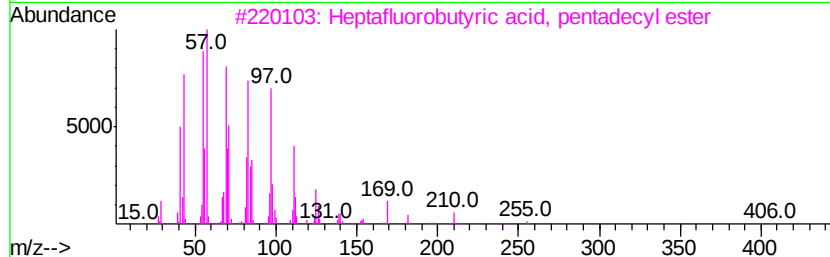
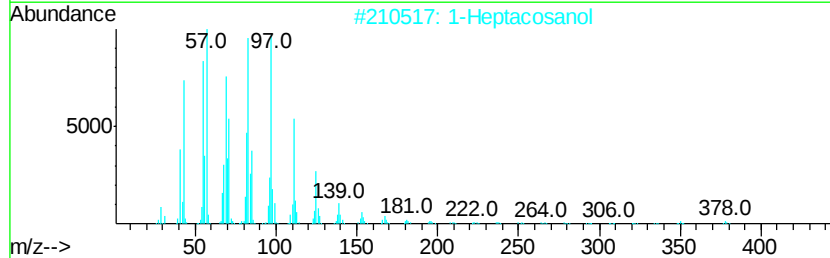
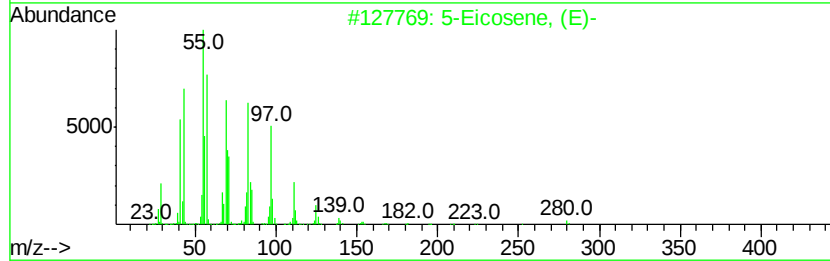
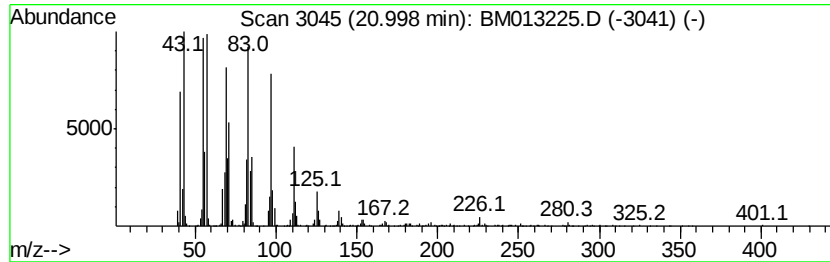
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Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	9.79 ng/ul	2026630	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	10.0	ng/ul	1895220	4	17.09	3799540	20.0
Octadecanoic acid	19.28	9.1	ng/ul	1889950	5	21.27	4139640	20.0
(DEL) Alkane: Cyc...	21.00	9.8	ng/ul	2026630	5	21.27	4139640	20.0