

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014111.D
 Acq On : 02 Feb 2018 13:47
 Operator : SJ/JU
 Sample : J1339-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D57

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-BM013118.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	6.746	632	639	654	rBV2	442544	933750	27.61%	2.862%
2	6.904	660	666	678	rBV	348080	523042	15.47%	1.603%
3	7.093	691	698	710	rBV	502112	853211	25.23%	2.615%
4	7.557	770	777	787	rBV	333328	567356	16.78%	1.739%
5	8.269	892	898	915	rBV	559889	1020603	30.18%	3.129%
6	8.710	965	973	990	rBV	509101	907344	26.83%	2.781%
7	9.098	1033	1039	1046	rVB4	24701	39641	1.17%	0.122%
8	9.428	1089	1095	1106	rBV2	443797	793697	23.47%	2.433%
9	9.963	1180	1186	1204	rBV	571720	1103126	32.62%	3.382%
10	10.328	1240	1248	1258	rBV	475305	794326	23.49%	2.435%
11	10.481	1268	1274	1292	rBV	447140	976565	28.88%	2.994%
12	13.627	1803	1809	1814	rBV	1192184	1691829	50.03%	5.186%
13	13.680	1814	1818	1825	rVB	236392	386208	11.42%	1.184%
14	13.898	1848	1855	1868	rBV	1356743	2013911	59.56%	6.174%
15	14.116	1886	1892	1901	rBV5	45629	65856	1.95%	0.202%
16	14.210	1901	1908	1917	rBV2	720575	1117060	33.04%	3.424%
17	14.457	1944	1950	1967	rBV2	255589	673582	19.92%	2.065%
18	15.074	2050	2055	2060	rVV2	62147	72576	2.15%	0.222%
19	15.210	2072	2078	2087	rBV	1655471	2438829	72.13%	7.476%
20	15.357	2098	2103	2116	rBV	389646	697991	20.64%	2.140%
21	15.939	2198	2202	2211	rBV2	56661	86862	2.57%	0.266%
22	16.733	2333	2337	2341	rBV2	30451	42749	1.26%	0.131%
23	16.968	2371	2377	2385	rBV	955593	1393252	41.20%	4.271%
24	17.063	2387	2393	2407	rVV	1774058	2725343	80.60%	8.354%
25	17.874	2526	2531	2539	rBV2	192009	301230	8.91%	0.923%
26	19.162	2746	2750	2761	rBV2	136924	258681	7.65%	0.793%
27	19.262	2761	2767	2770	rVB3	21717	36998	1.09%	0.113%
28	19.374	2778	2786	2795	rBV	2241834	3210887	94.96%	9.843%
29	20.892	3040	3044	3053	rBV5	112780	198026	5.86%	0.607%
30	21.174	3087	3092	3101	rBV	1211497	1713084	50.66%	5.251%
31	23.221	3433	3440	3449	rVB2	1847569	3381392	100.00%	10.365%
32	23.356	3457	3463	3473	rVB	828816	1602640	47.40%	4.913%

LSC Area Percent Report

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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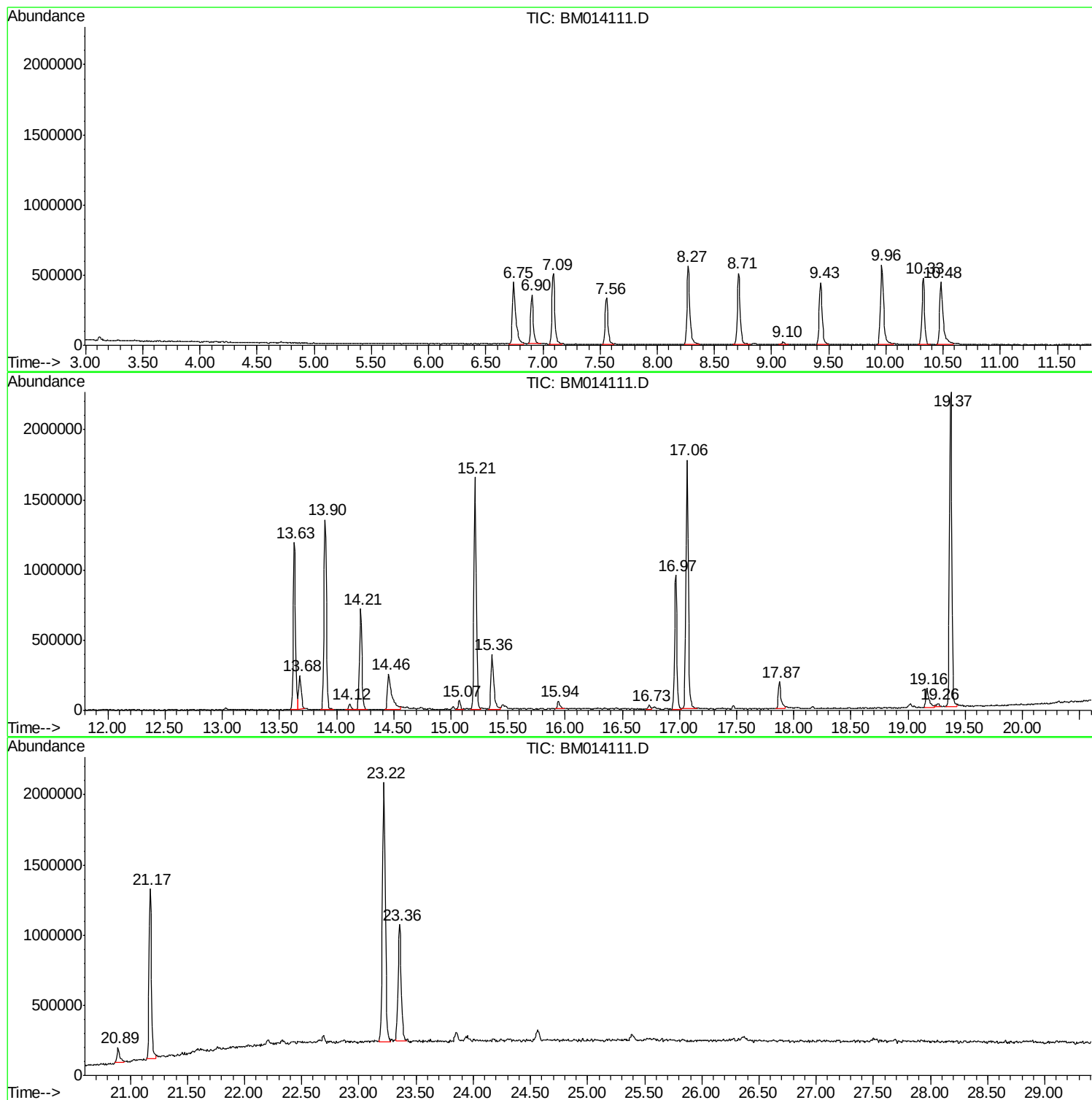
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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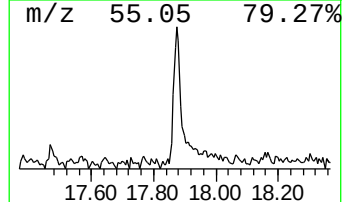
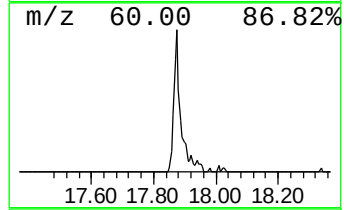
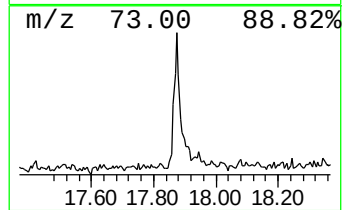
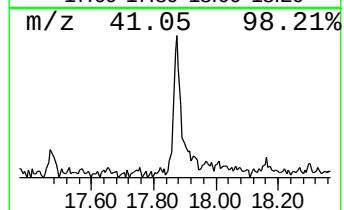
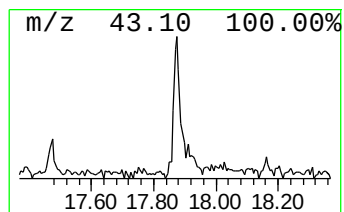
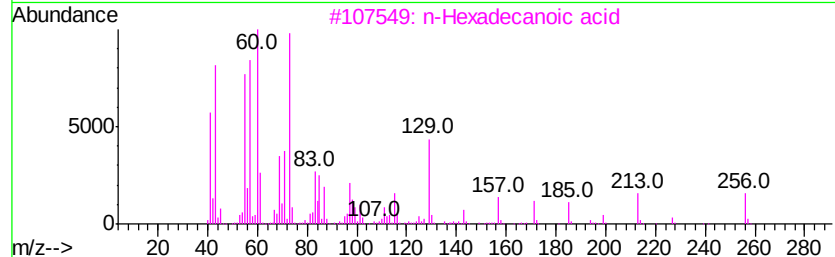
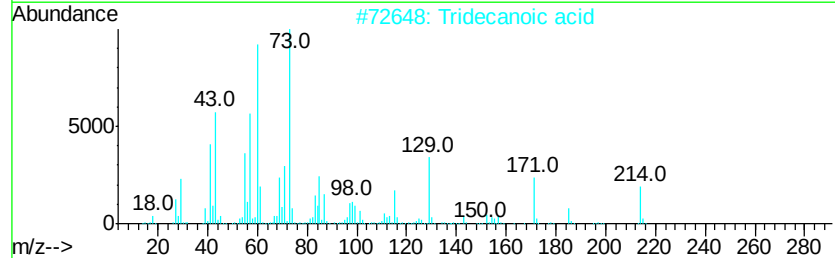
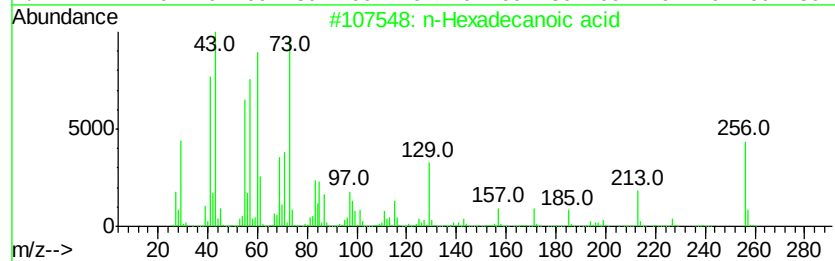
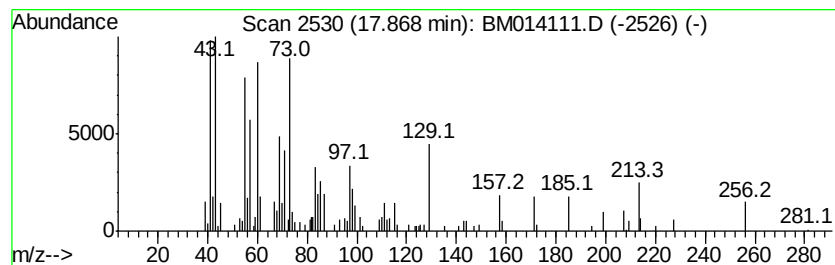
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	4.32 ng/ul	301230	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	90
4	n-Decanoic acid		172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	64



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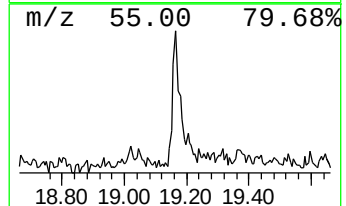
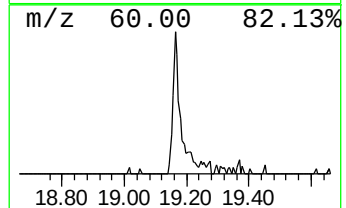
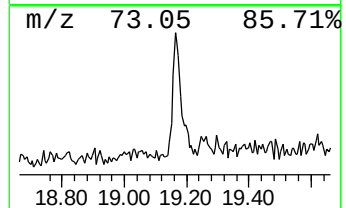
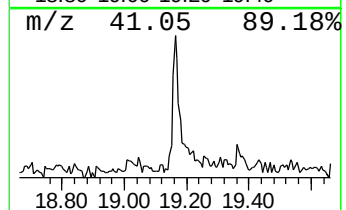
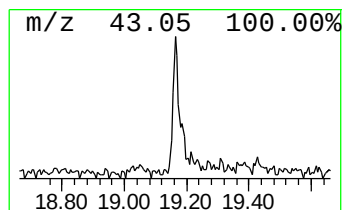
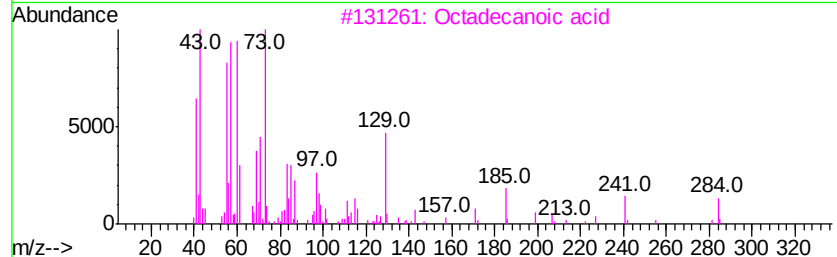
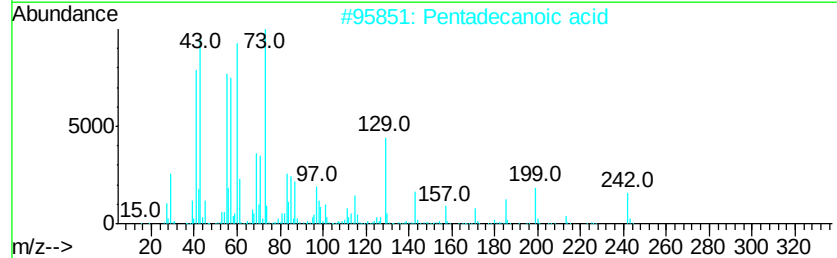
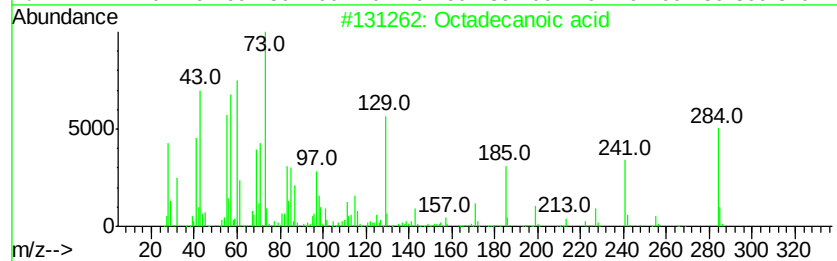
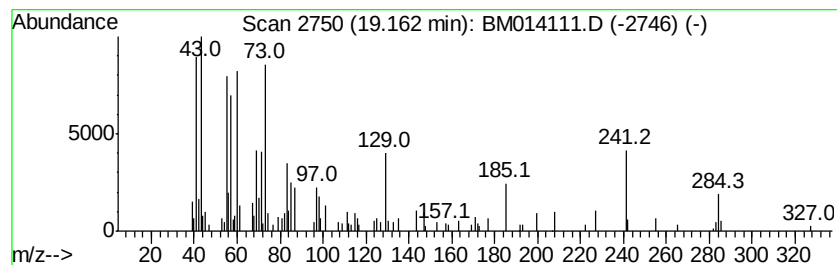
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.02 ng/ul	258681	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			Octadecanoic acid	284	C18H36O2	000057-11-4	68
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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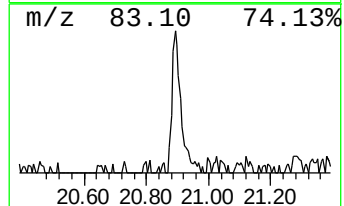
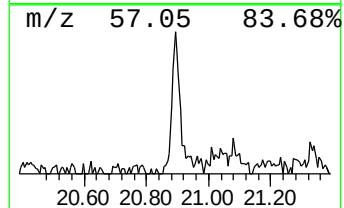
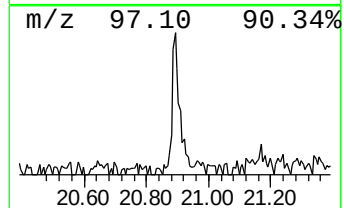
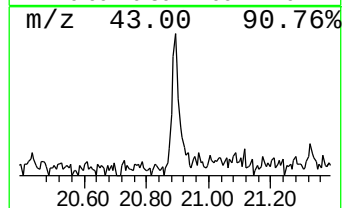
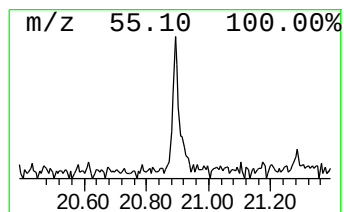
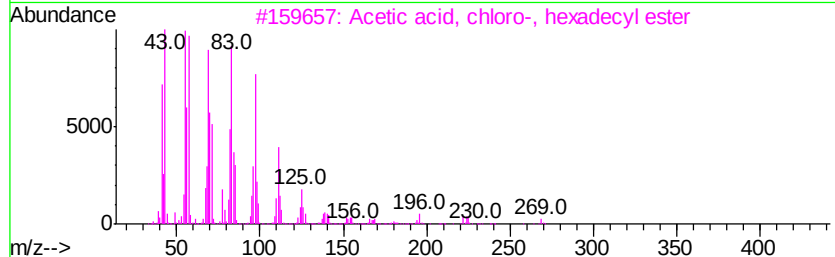
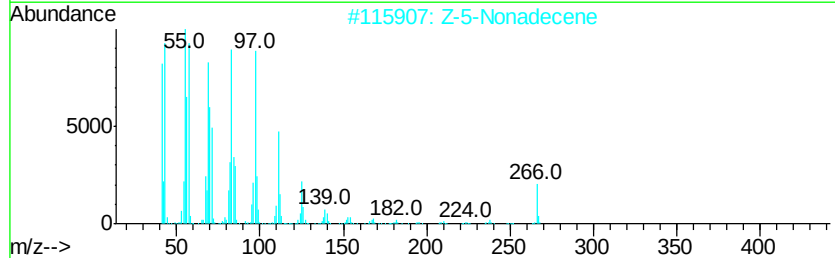
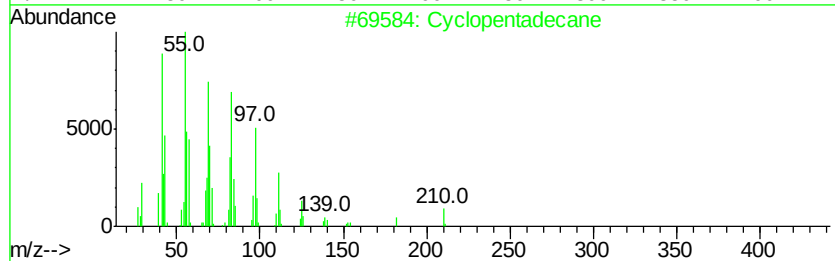
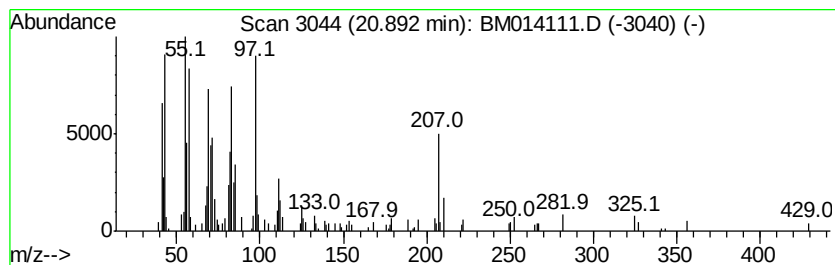
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Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	2.31 ng/ul	198026	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	91
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	78
3		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	70
4		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	64
5		Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.3	ng/ul	301230	4	16.97	1393250	20.0
Octadecanoic acid	19.16	3.0	ng/ul	258681	5	21.17	1713080	20.0
(DEL) Alkane: Cyc...	20.89	2.3	ng/ul	198026	5	21.17	1713080	20.0