

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012261.D
 Acq On : 17 Oct 2017 22:47
 Operator : SJ/JU
 Sample : I5664-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B71

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-BM101217.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	6.957	651	658	678	rBV2	580469	1234526	26.51%	2.614%
2	7.116	678	685	694	rVV	446993	759286	16.30%	1.608%
3	7.186	694	697	705	rVB	35518	56582	1.21%	0.120%
4	7.316	713	719	732	rBV	603118	1058785	22.73%	2.242%
5	7.786	792	799	814	rVB	609638	1046823	22.48%	2.217%
6	8.504	914	921	936	rBV	809511	1513160	32.49%	3.204%
7	8.957	991	998	1010	rBV	600303	1095234	23.52%	2.319%
8	9.680	1113	1121	1136	rBV	580248	1094200	23.50%	2.317%
9	10.222	1206	1213	1229	rBV	802474	1586179	34.06%	3.359%
10	10.586	1268	1275	1290	rVB	901849	1501956	32.25%	3.180%
11	10.739	1293	1301	1319	rBV	504993	1117413	23.99%	2.366%
12	13.851	1823	1830	1834	rBV	1479334	2138917	45.93%	4.529%
13	13.898	1834	1838	1849	rVB	421805	672448	14.44%	1.424%
14	14.133	1871	1878	1897	rBV	1631692	2490584	53.48%	5.274%
15	14.310	1897	1908	1920	rVV2	37635	109919	2.36%	0.233%
16	14.439	1924	1930	1944	rVB2	1286892	2002436	43.00%	4.240%
17	14.674	1964	1970	1988	rBV	335104	843364	18.11%	1.786%
18	15.433	2093	2099	2112	rBV	2186409	3210716	68.94%	6.799%
19	15.586	2119	2125	2137	rBV	472825	860083	18.47%	1.821%
20	15.674	2137	2140	2147	rVB2	29813	48684	1.05%	0.103%
21	15.804	2156	2162	2171	rBV	114601	167684	3.60%	0.355%
22	17.192	2391	2398	2408	rBV	1865893	2687302	57.70%	5.690%
23	17.292	2408	2415	2424	rBV	2438886	3604976	77.41%	7.633%
24	18.068	2542	2547	2557	rBV	571564	821848	17.65%	1.740%
25	19.227	2739	2744	2754	rBV2	40823	72283	1.55%	0.153%
26	19.350	2760	2765	2776	rBV2	181669	325107	6.98%	0.688%
27	19.586	2799	2805	2814	rBV	3413511	4657104	100.00%	9.861%
28	21.056	3052	3055	3064	rVB	403559	516293	11.09%	1.093%
29	21.374	3104	3109	3117	rBV	2358987	3260006	70.00%	6.903%
30	22.968	3377	3380	3387	rVB3	301189	504226	10.83%	1.068%
31	23.527	3468	3475	3486	rVB2	1825921	3714920	79.77%	7.866%
32	23.668	3493	3499	3507	rVB2	1249149	2453777	52.69%	5.196%

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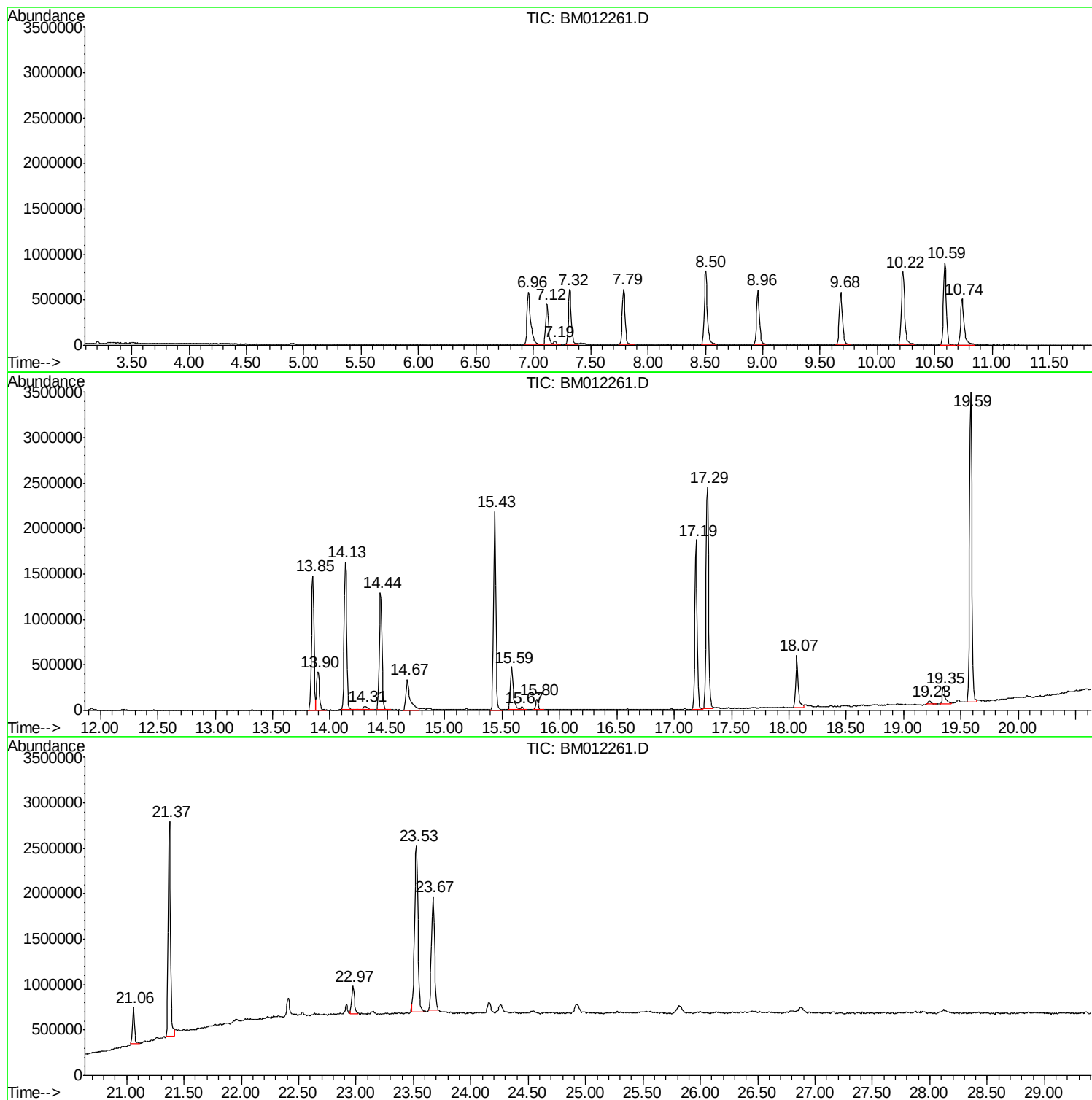
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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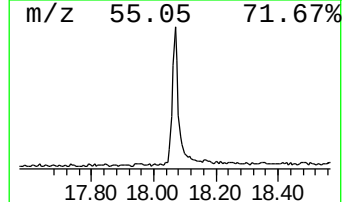
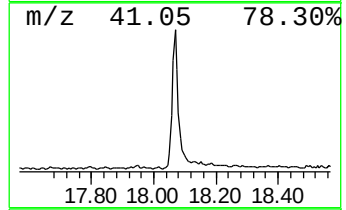
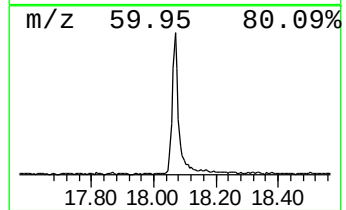
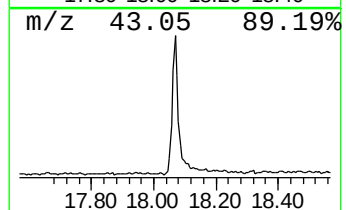
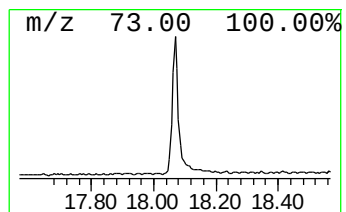
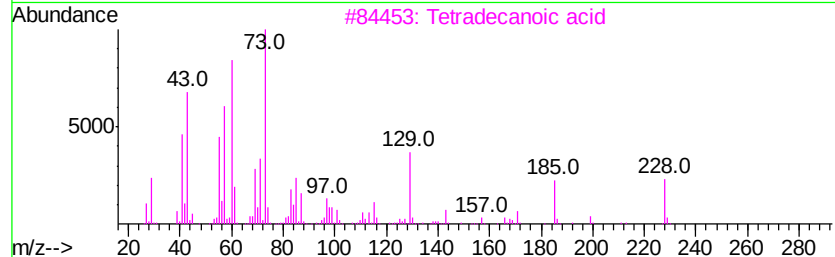
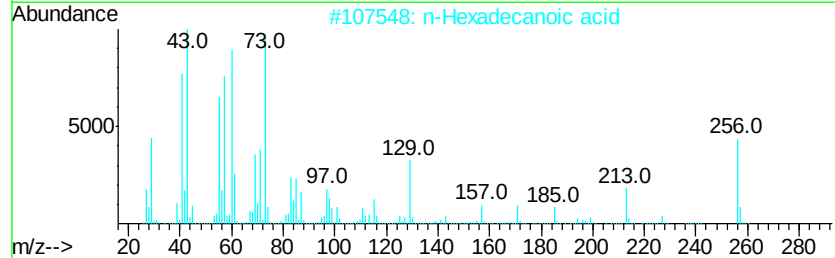
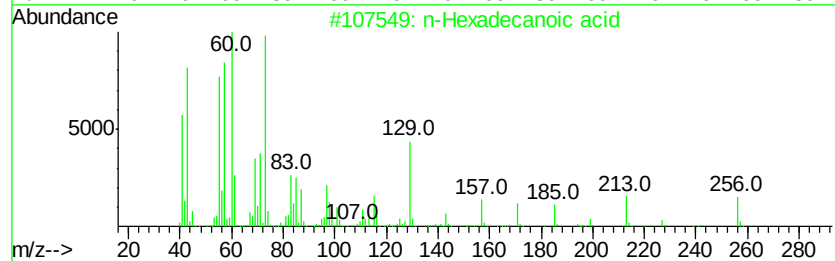
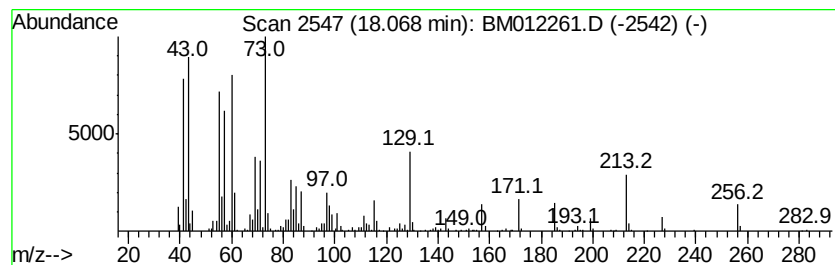
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.07	6.12 ng/ul	821848	Phenanthrene-d10		17.19	
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	



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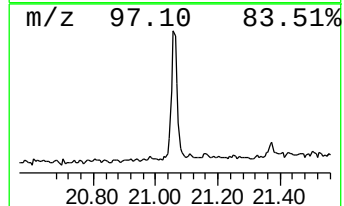
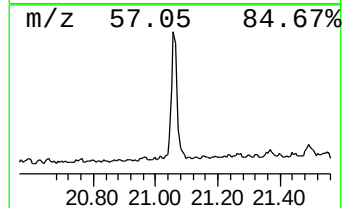
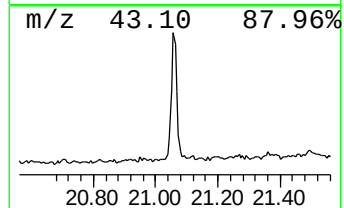
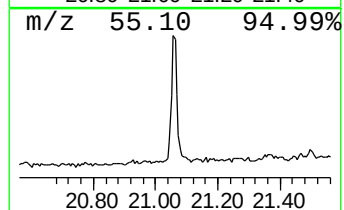
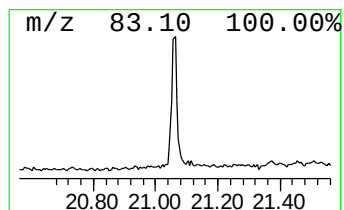
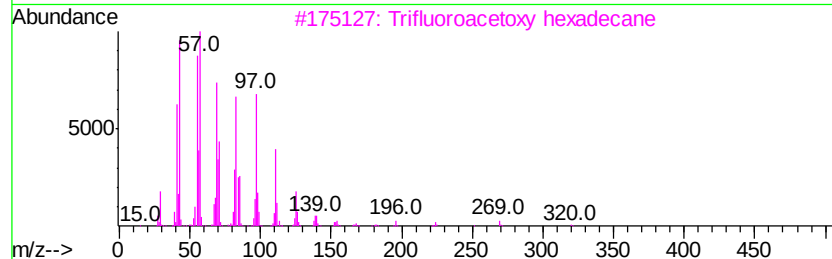
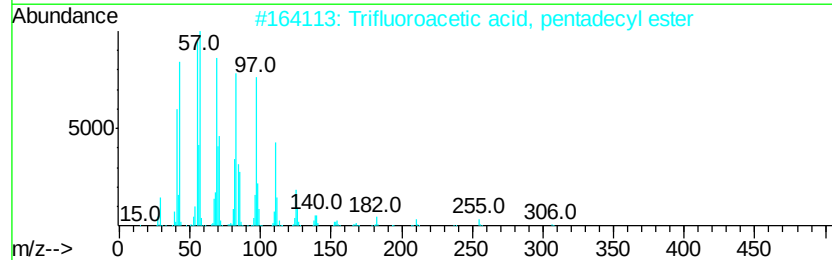
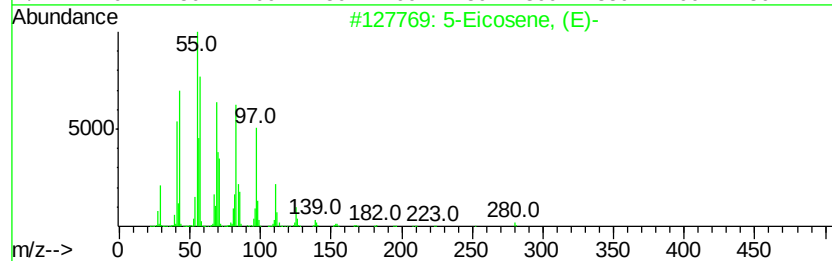
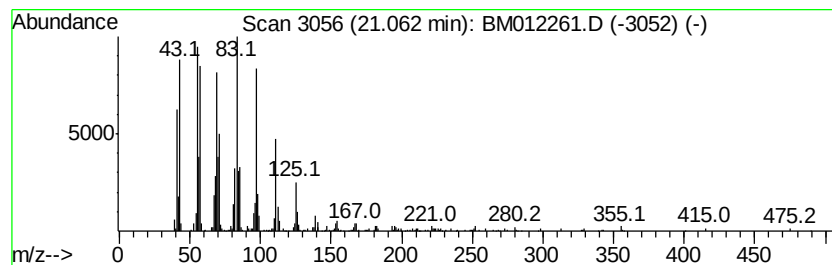
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Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.17 ng/ul	516293	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		1-Octadecene	252	C18H36	000112-88-9	90



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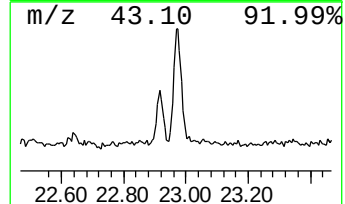
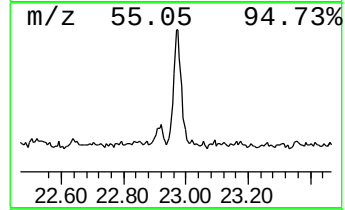
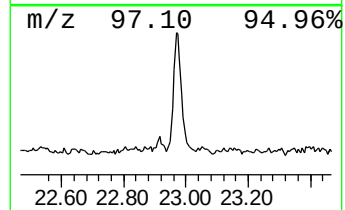
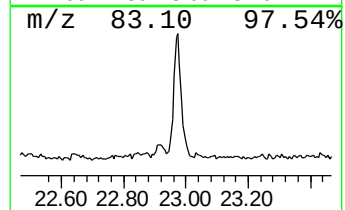
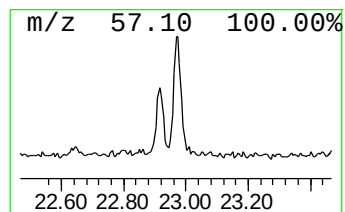
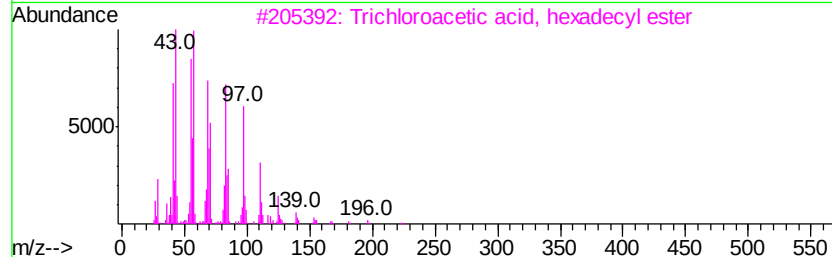
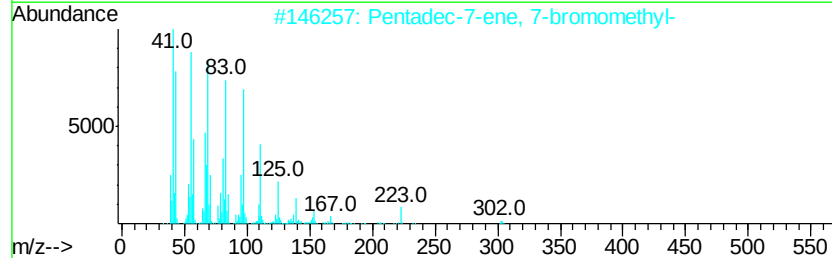
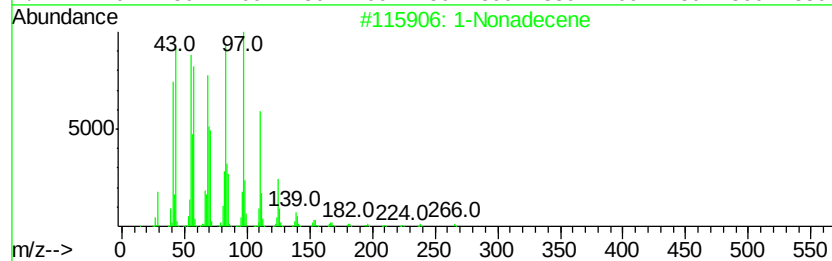
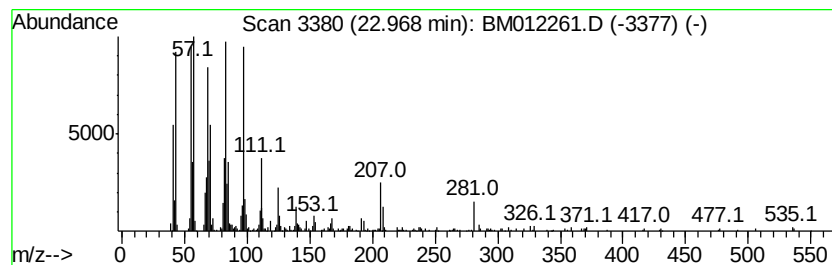
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Peak Number 3 (DEL) Alkane: Cyclic22.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	4.11 ng/ul	504226	Perylene-d12	23.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	89
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	76
5		Octacosyl acetate	452	C30H60O2	018206-97-8	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.07	6.1	ng/ul	821848	4	17.19	2687300	20.0
(DEL) Alkane: Cyc...	21.06	3.2	ng/ul	516293	5	21.37	3260010	20.0
(DEL) Alkane: Cyc...	22.97	4.1	ng/ul	504226	6	23.67	2453780	20.0