

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013230.D
 Acq On : 07 Dec 2017 03:30
 Operator : SJ/JU
 Sample : I6647-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0278

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	655	rBV	1030553	1777620	26.80%	2.481%
2	7.039	665	672	682	rVB	748977	1150044	17.34%	1.605%
3	7.234	696	705	714	rBV	1027950	1670715	25.19%	2.331%
4	7.698	777	784	792	rBV	1071105	1675671	25.26%	2.338%
5	8.404	897	904	915	rBV	1214514	2001724	30.18%	2.793%
6	8.851	973	980	991	rVB	1046651	1711468	25.80%	2.388%
7	9.569	1095	1102	1110	rBV	894743	1471694	22.19%	2.054%
8	10.104	1186	1193	1203	rBV	1408566	2368545	35.71%	3.305%
9	10.480	1247	1257	1266	rBV	1535354	2487788	37.50%	3.471%
10	10.622	1273	1281	1293	rBV	1180371	2054530	30.97%	2.867%
11	13.168	1709	1714	1720	rVB	62091	87163	1.31%	0.122%
12	13.757	1807	1814	1818	rBV	2417452	3356196	50.60%	4.683%
13	13.804	1818	1822	1830	rVB	485782	711293	10.72%	0.993%
14	14.033	1851	1861	1871	rBV	2912680	4291265	64.69%	5.988%
15	14.245	1892	1897	1903	rBV	159212	212503	3.20%	0.297%
16	14.339	1906	1913	1921	rBV3	2185829	3379492	50.95%	4.716%
17	14.551	1942	1949	1960	rBV	1059825	1673673	25.23%	2.335%
18	15.204	2056	2060	2064	rVB	189468	226089	3.41%	0.315%
19	15.339	2074	2083	2089	rBV	3508331	5012410	75.56%	6.994%
20	15.457	2098	2103	2110	rBV	742233	1085554	16.36%	1.515%
21	15.574	2116	2123	2127	rBV2	49421	106442	1.60%	0.149%
22	15.821	2161	2165	2171	rBV2	69441	93096	1.40%	0.130%
23	16.068	2202	2207	2210	rBV	150440	207304	3.13%	0.289%
24	16.856	2337	2341	2346	rBV3	63255	82977	1.25%	0.116%
25	16.974	2356	2361	2366	rBV2	109280	133707	2.02%	0.187%
26	17.086	2372	2380	2385	rBV2	2859009	4222872	63.66%	5.893%
27	17.127	2385	2387	2391	rVV	145449	178469	2.69%	0.249%
28	17.186	2391	2397	2407	rVB2	3927833	5528805	83.35%	7.715%
29	17.992	2529	2534	2543	rBV2	807798	1095511	16.52%	1.529%
30	18.898	2683	2688	2694	rBV2	150360	228126	3.44%	0.318%
31	19.145	2722	2730	2737	rBV2	241385	459106	6.92%	0.641%
32	19.274	2748	2752	2762	rBV	649865	964982	14.55%	1.347%
33	19.486	2782	2788	2796	rBV	4674958	6633396	100.00%	9.256%
34	19.680	2817	2821	2826	rBV2	150154	212365	3.20%	0.296%

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35	20.362	2934	2937	2941	rBV2	125914	163841	2.47%	0.229%
36	20.997	3042	3045	3052	rVB	434254	589092	8.88%	0.822%
37	21.274	3087	3092	3097	rBV	3347493	4381831	66.06%	6.114%
38	23.368	3442	3448	3463	rVB2	2372021	4823814	72.72%	6.731%
39	23.509	3465	3472	3479	rVB2	1648311	3152037	47.52%	4.398%

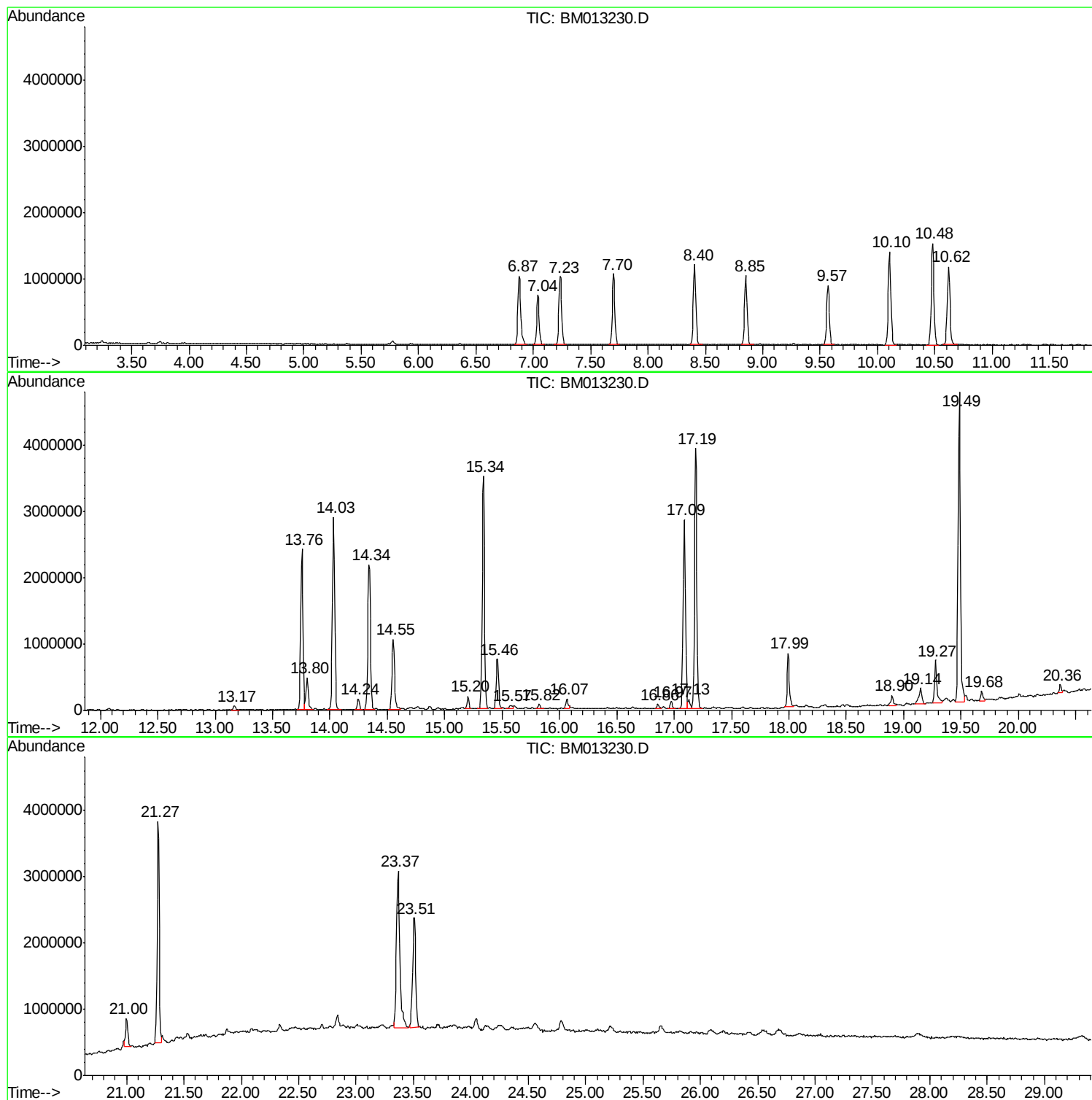
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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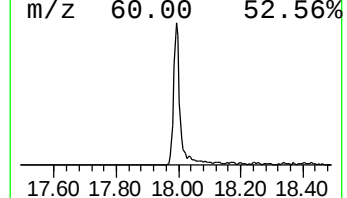
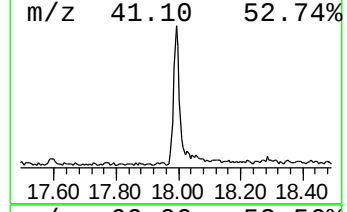
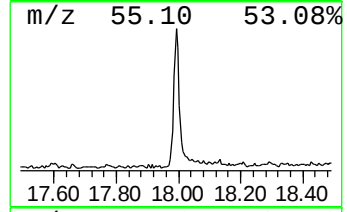
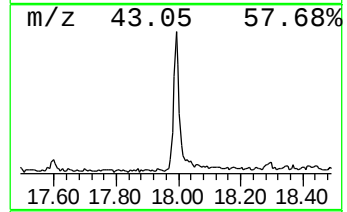
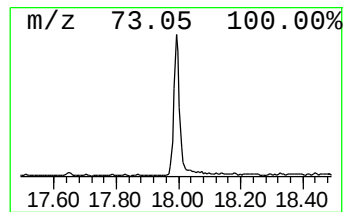
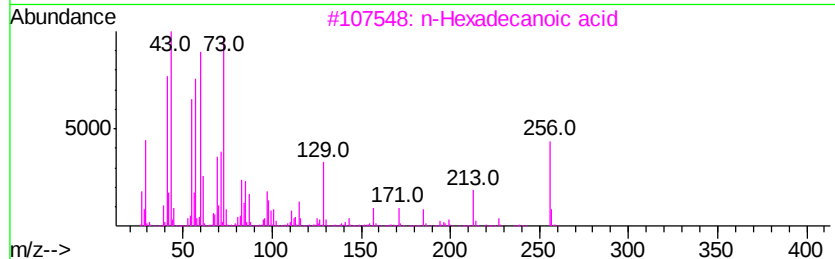
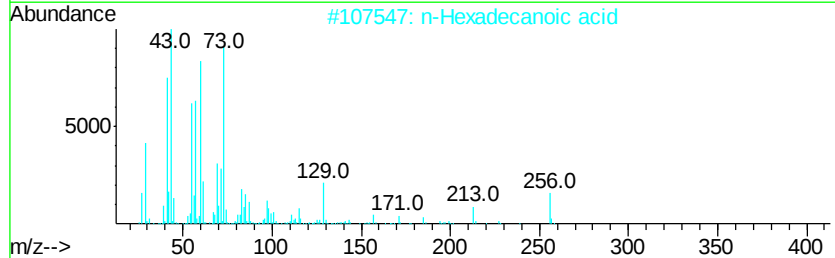
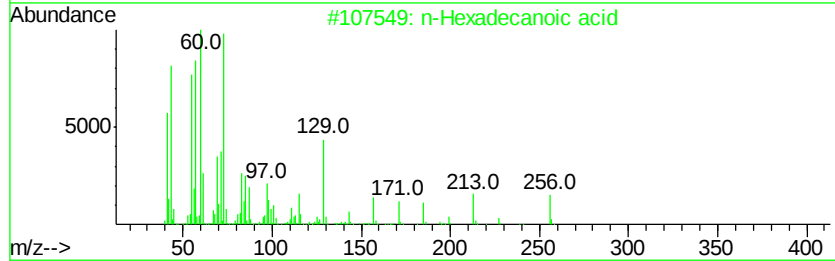
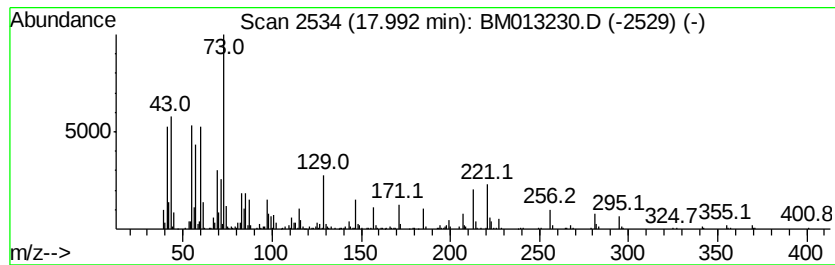
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	5.19 ng/ul	1095510	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5		Octadecanoic acid	284	C18H36O2	000057-11-4	46



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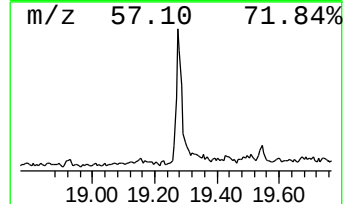
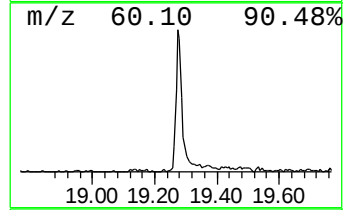
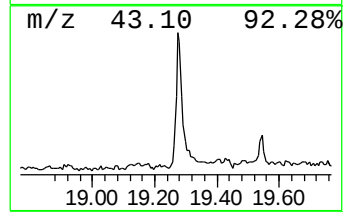
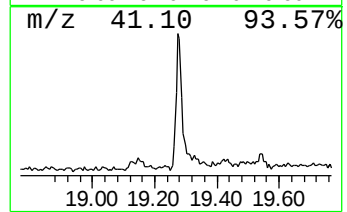
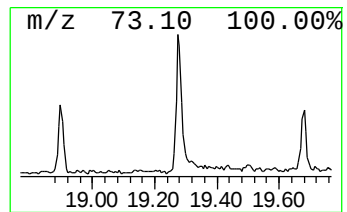
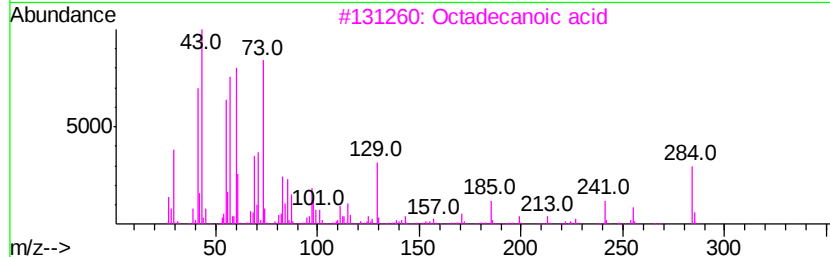
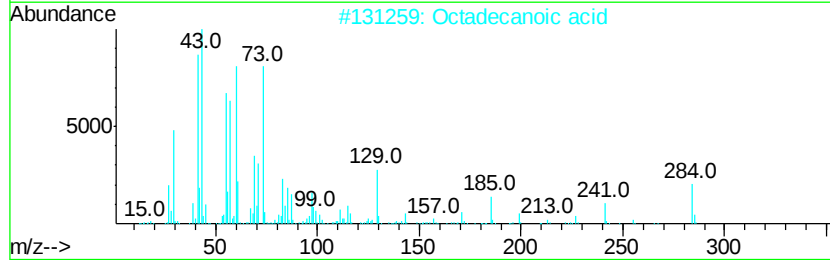
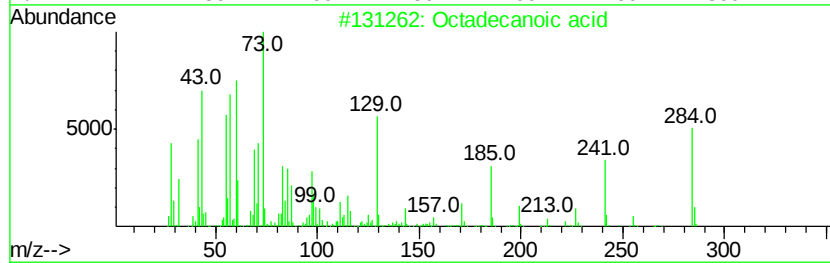
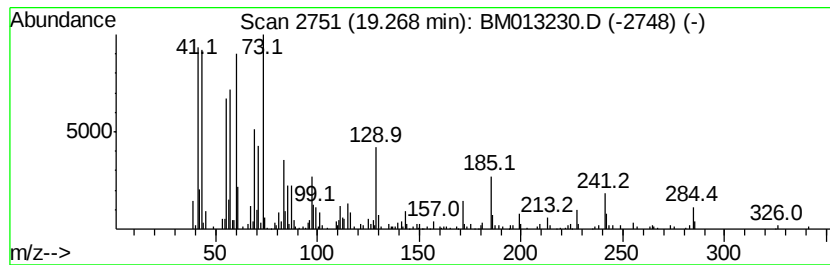
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	4.40 ng/ul	964982	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



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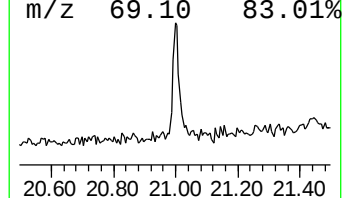
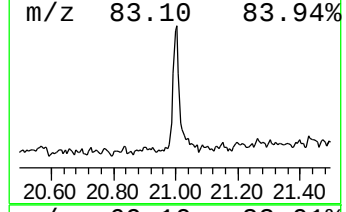
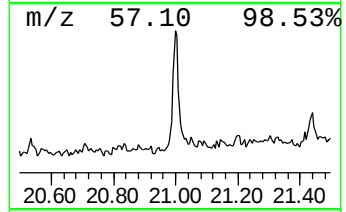
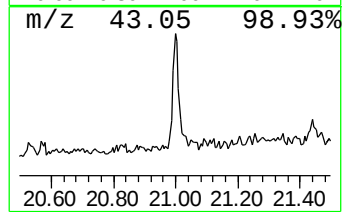
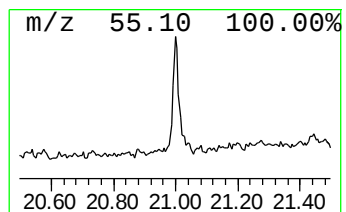
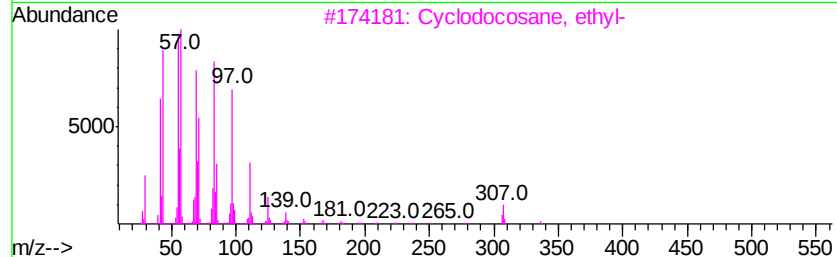
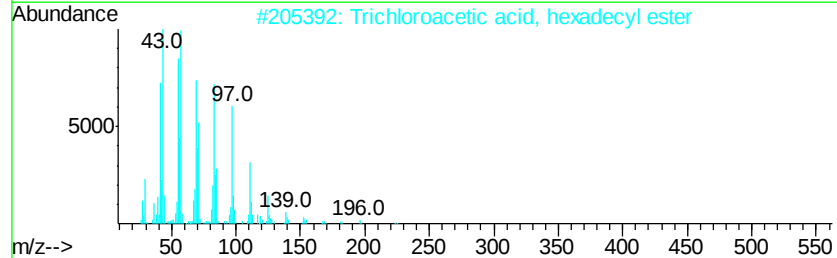
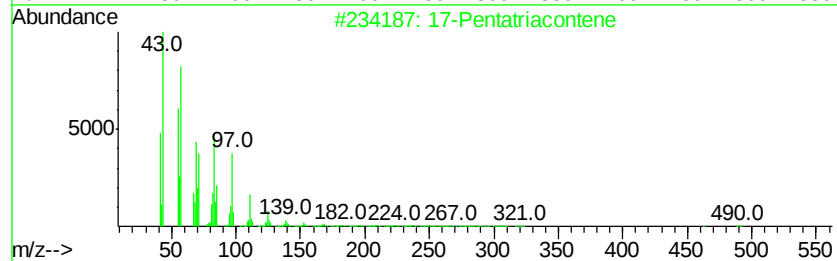
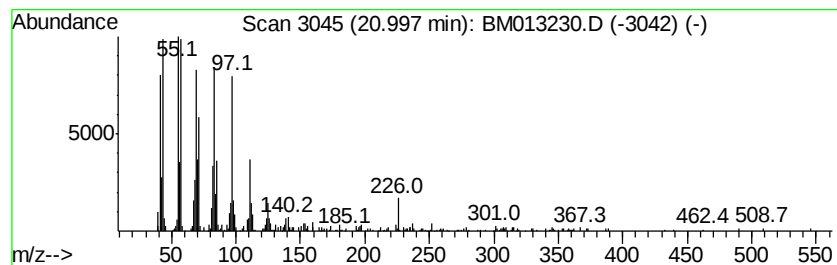
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Peak Number 4 (DEL) Alkane: Cyclic21.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.00	2.69 ng/ul	589092	Chrysene-d12	21.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	5.2	ng/ul	1095510	4	17.09	4222870	20.0
Octadecanoic acid	19.27	4.4	ng/ul	964982	5	21.27	4381830	20.0
(DEL) Alkane: Cyc...	21.00	2.7	ng/ul	589092	5	21.27	4381830	20.0