

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011993.D
 Acq On : 09 Oct 2017 01:01
 Operator : SJ/JU
 Sample : I5522-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

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	7.010	660	667	681	rBV	667961	1247866	13.60%	1.847%
2	7.175	689	695	707	rBV	550338	926182	10.10%	1.371%
3	7.381	722	730	744	rBV	745953	1309119	14.27%	1.938%
4	7.851	803	810	818	rBV	565957	969227	10.57%	1.435%
5	8.551	920	929	949	rBV	888360	1598939	17.43%	2.367%
6	9.016	1000	1008	1022	rBV	754057	1331754	14.52%	1.971%
7	9.739	1121	1131	1149	rBV	635972	1196803	13.05%	1.771%
8	10.275	1215	1222	1235	rBV	975424	1769366	19.29%	2.619%
9	10.651	1278	1286	1300	rBV	857620	1491344	16.26%	2.207%
10	10.792	1303	1310	1329	rBV	815144	1608675	17.54%	2.381%
11	13.904	1832	1839	1843	rBV	2316507	3228194	35.19%	4.778%
12	13.945	1843	1846	1857	rVB	696418	1030238	11.23%	1.525%
13	14.192	1881	1888	1903	rBV	2426482	3614210	39.40%	5.350%
14	14.498	1933	1940	1951	rVB2	1419760	2168647	23.64%	3.210%
15	14.698	1968	1974	1993	rBV	531438	1206086	13.15%	1.785%
16	15.486	2102	2108	2116	rBV	3216851	4725690	51.52%	6.995%
17	15.610	2123	2129	2143	rBV	1056272	1591744	17.35%	2.356%
18	15.727	2144	2149	2154	rVB3	57949	98239	1.07%	0.145%
19	16.192	2222	2228	2236	rBV	82760	143586	1.57%	0.213%
20	17.239	2400	2406	2417	rBV2	1940545	2878460	31.38%	4.261%
21	17.339	2417	2423	2433	rVV	3802186	5446579	59.38%	8.062%
22	18.121	2550	2556	2566	rBV	643653	994951	10.85%	1.473%
23	19.274	2744	2752	2753	rBV2	78165	175267	1.91%	0.259%
24	19.298	2754	2756	2761	rVB	83316	96764	1.05%	0.143%
25	19.398	2768	2773	2784	rBV	737091	1122325	12.24%	1.661%
26	19.633	2806	2813	2822	rBV	5161782	7507609	81.85%	11.112%
27	21.103	3060	3063	3071	rBV	442482	550240	6.00%	0.814%
28	21.415	3111	3116	3130	rBV	2855431	4038960	44.03%	5.978%
29	23.586	3478	3485	3500	rVB2	4491403	9172787	100.00%	13.577%
30	23.733	3504	3510	3527	rVB	2126387	4321653	47.11%	6.397%

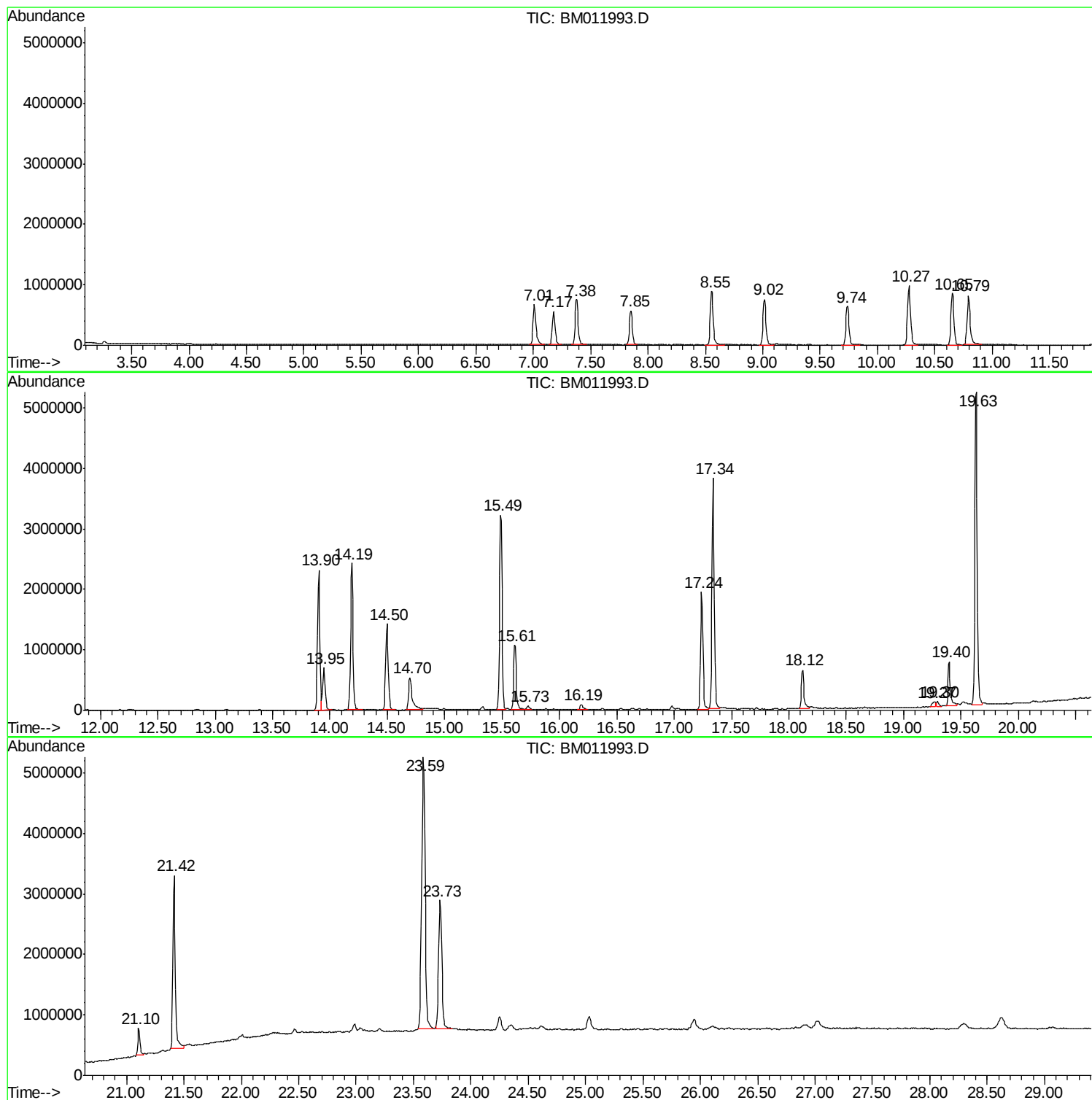
Sum of corrected areas: 67561504

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BNA_M
ClientSampled :
C0AD2

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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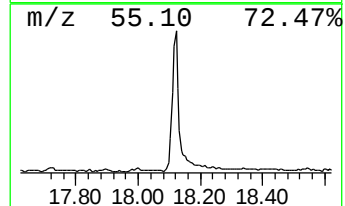
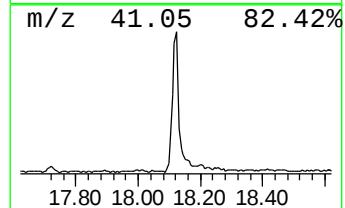
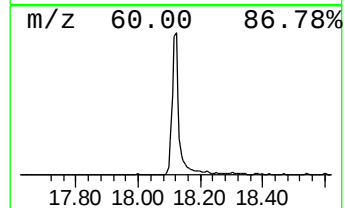
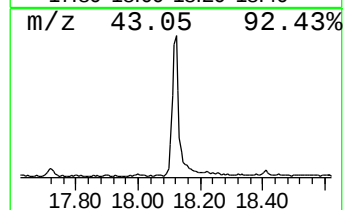
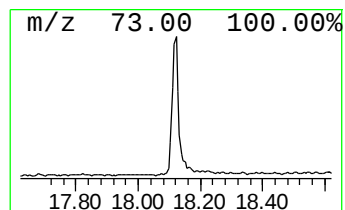
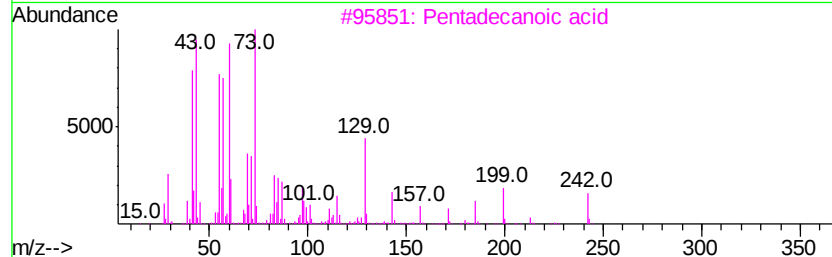
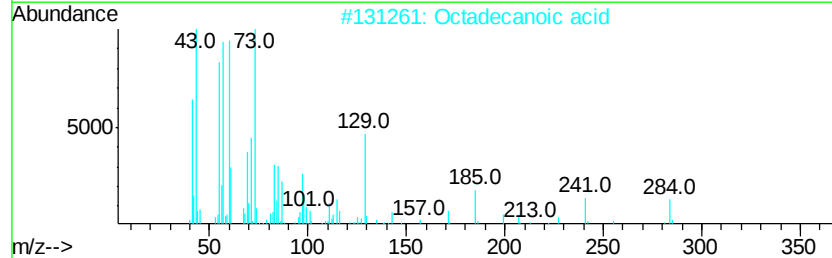
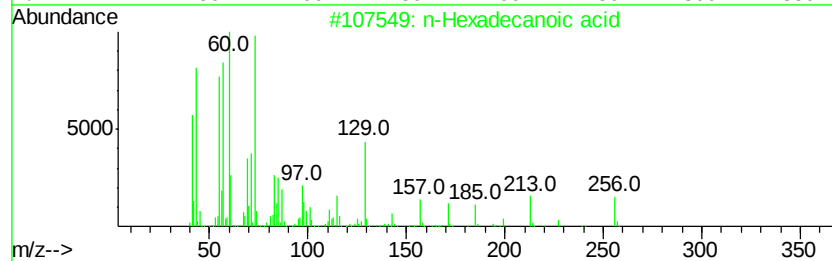
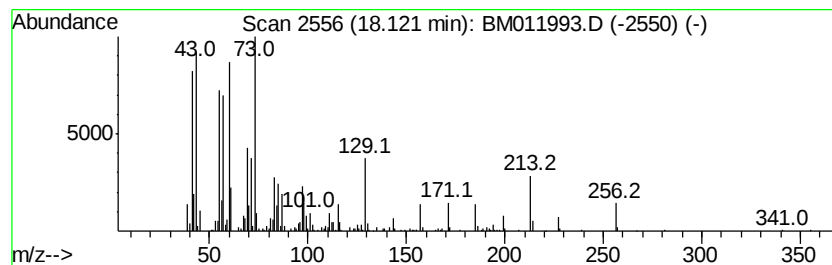
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Quant Title : SVOA CALIBRATION

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.		
18.12	6.91 ng/ul	994951	Phenanthrene-d10	17.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	



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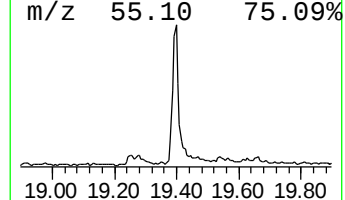
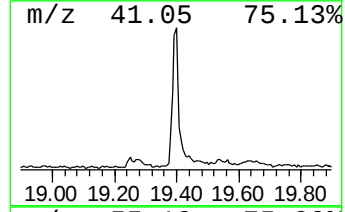
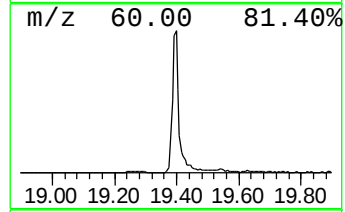
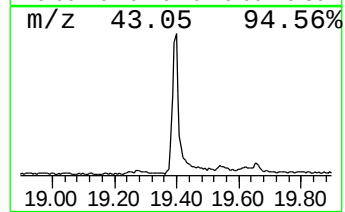
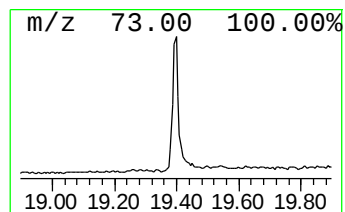
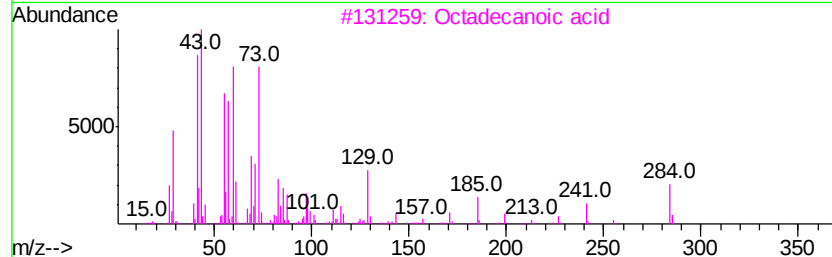
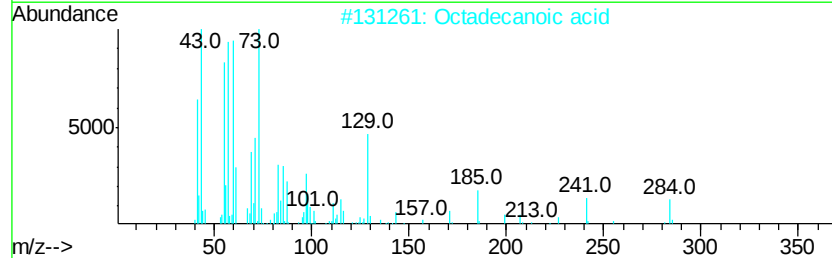
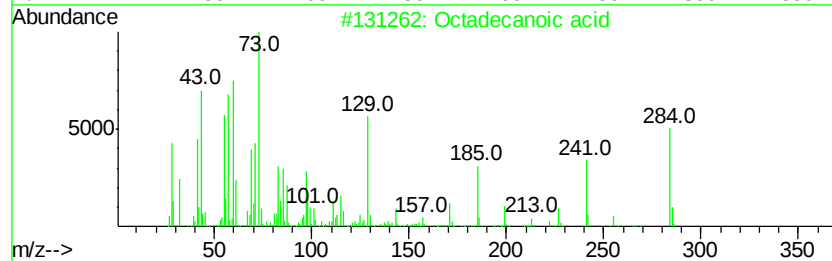
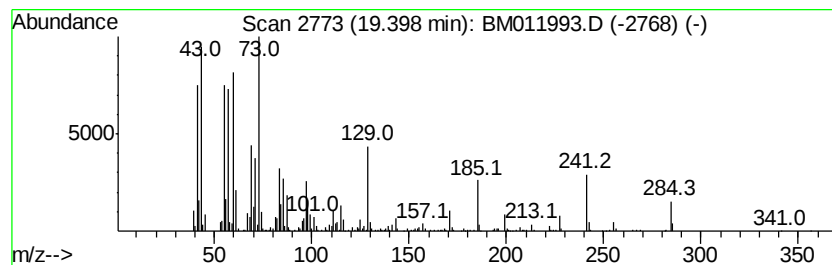
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.40	5.56 ng/ul	1122330	Chrysene-d12	21.42		
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	99
3	Octadecanoic acid		284	C18H36O2	000057-11-4	98
4	Octadecanoic acid		284	C18H36O2	000057-11-4	97
5	Octadecanoic acid		284	C18H36O2	000057-11-4	94



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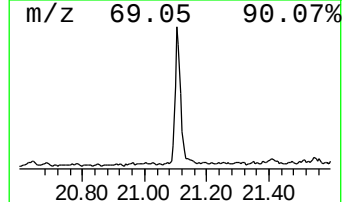
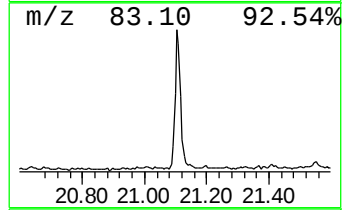
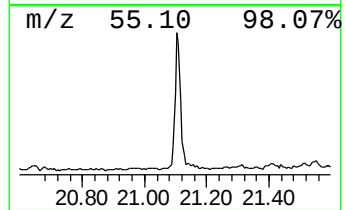
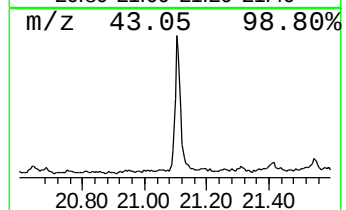
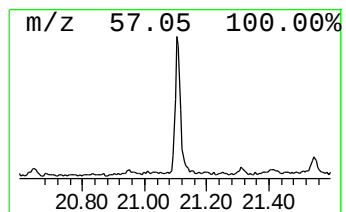
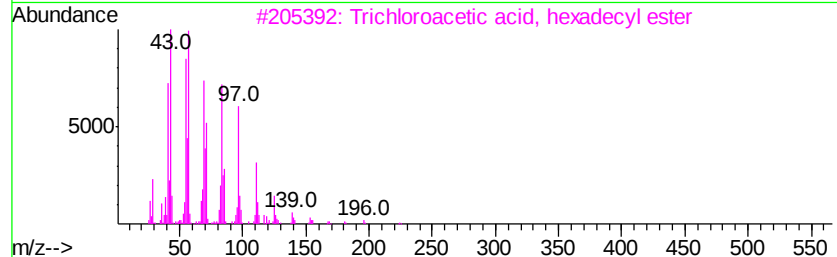
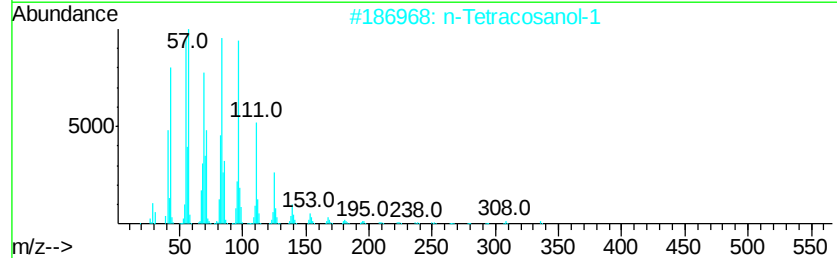
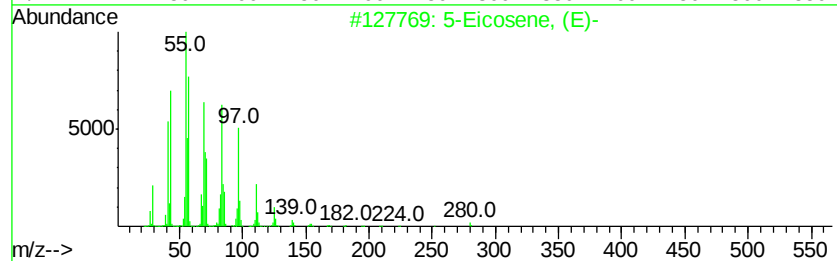
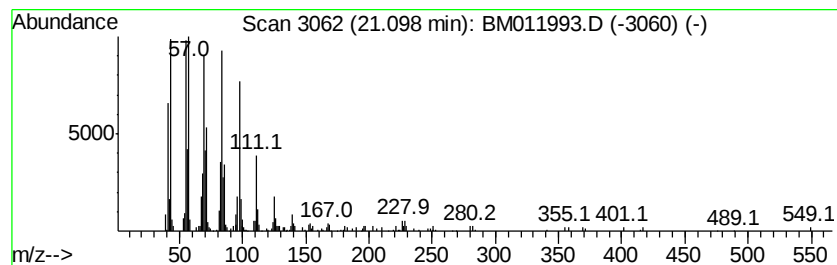
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Peak Number 3 (DEL) Alkane: Cyclic21.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.72 ng/ul	550240	Chrysene-d12	21.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 99
2	n-Tetracosanol-1		354 C24H50O	000506-51-4 94
3	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
4	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 94
5	n-Nonadecanol-1		284 C19H40O	001454-84-8 94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	6.9	ng/ul	994951	4	17.24	2878460	20.0
Octadecanoic acid	19.40	5.6	ng/ul	1122330	5	21.42	4038960	20.0
(DEL) Alkane: Cyc...	21.10	2.7	ng/ul	550240	5	21.42	4038960	20.0