

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013233.D
 Acq On : 07 Dec 2017 05:16
 Operator : SJ/JU
 Sample : I6647-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0281

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	3.240	23	26	35	rBV	56815	83561	1.05%	0.095%
2	6.881	636	645	658	rBV	1492214	2547727	31.96%	2.910%
3	7.040	666	672	683	rVB	1063339	1655459	20.77%	1.891%
4	7.240	697	706	714	rBV	1491864	2370544	29.74%	2.708%
5	7.704	778	785	792	rBV	1162005	1857978	23.31%	2.122%
6	8.410	897	905	914	rBV	1916392	3075194	38.58%	3.512%
7	8.857	970	981	989	rBV	1460651	2449530	30.73%	2.798%
8	9.569	1093	1102	1111	rBV	1264504	2123802	26.64%	2.426%
9	10.110	1186	1194	1202	rBV	1942952	3299188	41.39%	3.768%
10	10.480	1250	1257	1272	rVB	1672583	2770451	34.76%	3.164%
11	10.622	1272	1281	1292	rBV	1867303	3089637	38.76%	3.529%
12	13.169	1707	1714	1720	rBV2	66674	95924	1.20%	0.110%
13	13.757	1808	1814	1819	rBV	3443068	4748767	59.57%	5.424%
14	13.804	1819	1822	1830	rVB	714100	943463	11.84%	1.078%
15	14.033	1850	1861	1871	rBV	3984252	5970091	74.90%	6.819%
16	14.251	1893	1898	1903	rBV	191343	232474	2.92%	0.266%
17	14.345	1903	1914	1922	rBV2	2395669	3747204	47.01%	4.280%
18	14.557	1943	1950	1962	rBV	1477057	2305377	28.92%	2.633%
19	15.204	2056	2060	2066	rVB	222331	264789	3.32%	0.302%
20	15.339	2073	2083	2090	rBV	4833247	6844105	85.86%	7.817%
21	15.463	2098	2104	2112	rBV	1017863	1423066	17.85%	1.625%
22	15.580	2118	2124	2127	rBV	72117	131720	1.65%	0.150%
23	16.068	2203	2207	2214	rBV	147151	228978	2.87%	0.262%
24	16.862	2338	2342	2347	rBV3	61595	87404	1.10%	0.100%
25	17.092	2374	2381	2387	rBV2	3227358	4492364	56.36%	5.131%
26	17.192	2391	2398	2407	rVB	5150118	7414272	93.01%	8.468%
27	17.339	2419	2423	2428	rBV5	68890	124552	1.56%	0.142%
28	17.992	2530	2534	2542	rBV	527824	704782	8.84%	0.805%
29	19.121	2723	2726	2730	rBV3	75007	128636	1.61%	0.147%
30	19.280	2748	2753	2761	rBV2	356427	547381	6.87%	0.625%
31	19.486	2783	2788	2795	rBV	5812921	7971193	100.00%	9.104%
32	20.997	3042	3045	3052	rBV	428663	566810	7.11%	0.647%
33	21.280	3088	3093	3101	rVB	3322412	4347054	54.53%	4.965%
34	23.368	3441	3448	3459	rBV2	2955006	5790390	72.64%	6.613%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
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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35	23.509	3466	3472	3478	rVB2	1680666	3120825	39.15%	3.564%
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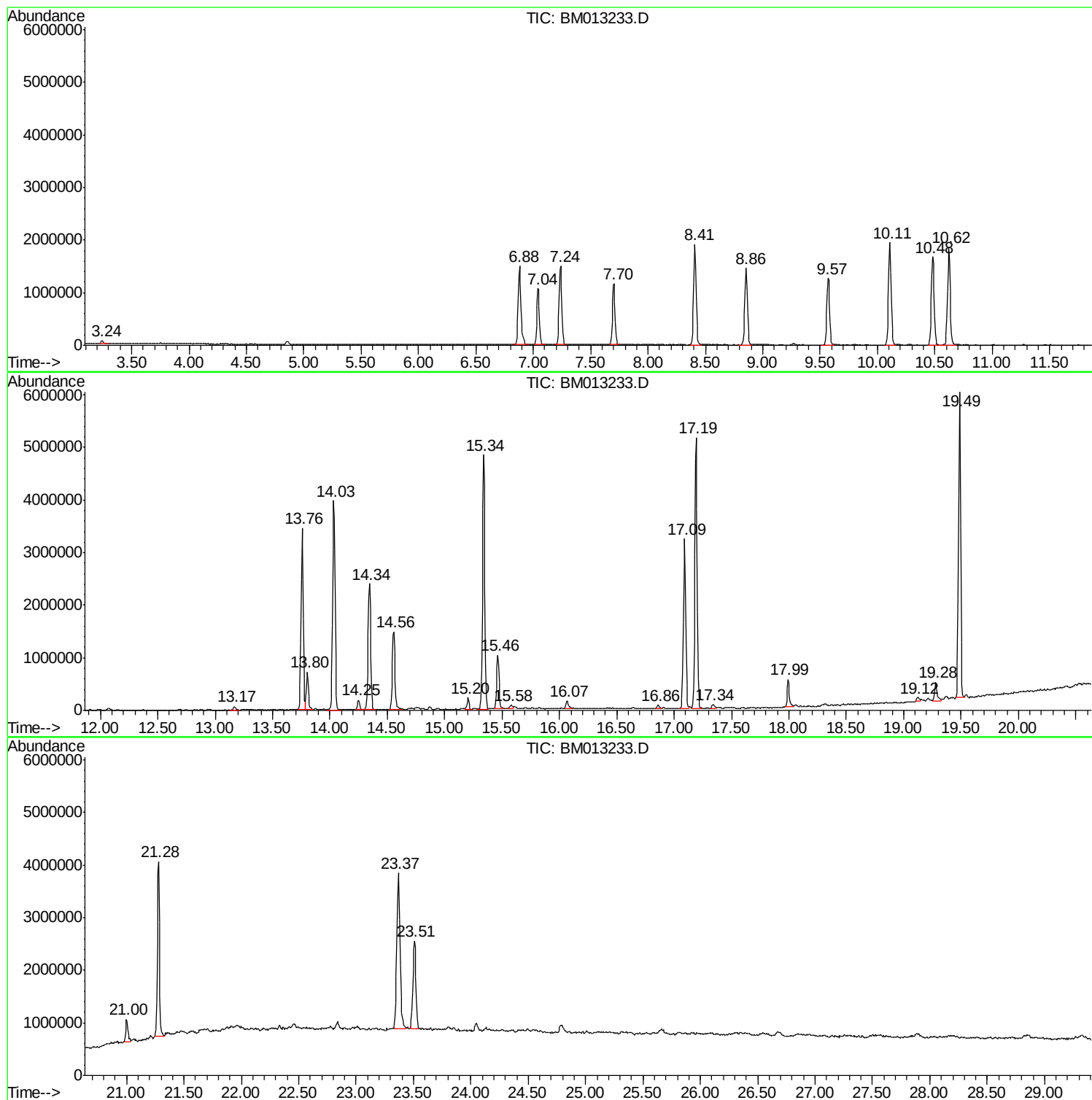
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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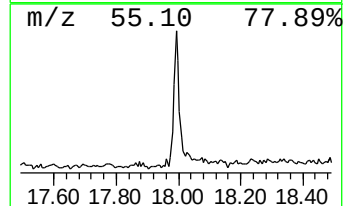
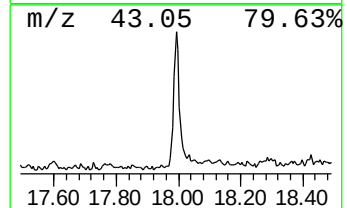
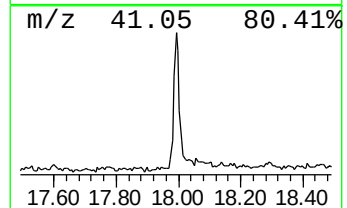
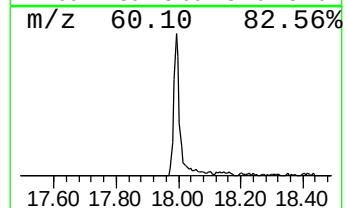
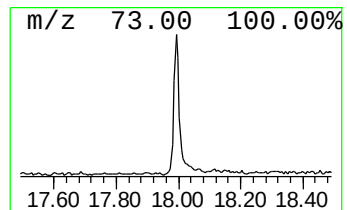
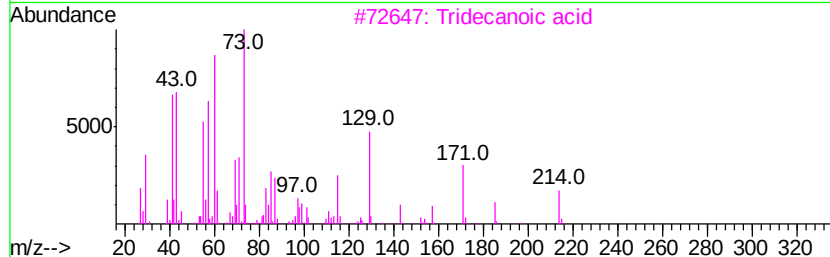
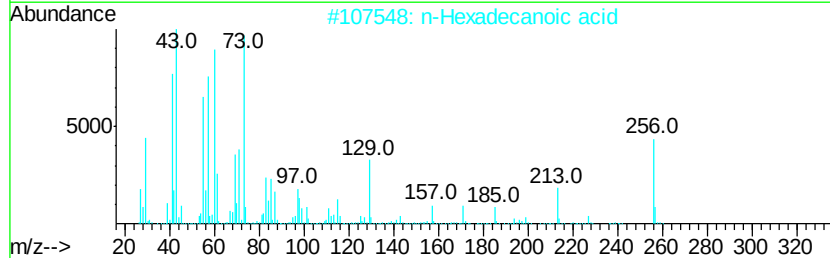
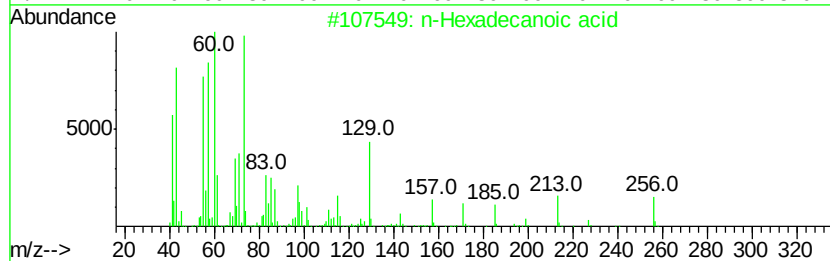
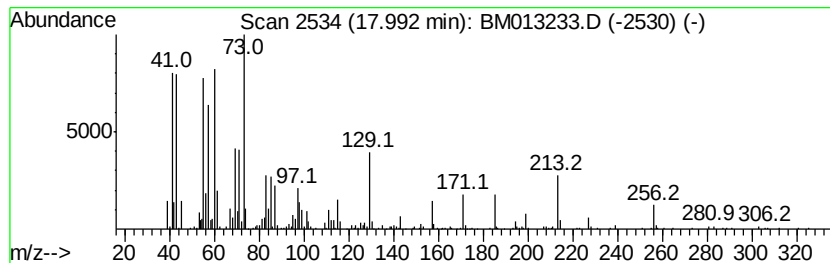
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Quant Title : SVOA CALIBRATION

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.	
17.99	3.14 ng/ul	704782	Phenanthrene-d10	17.09	
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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90



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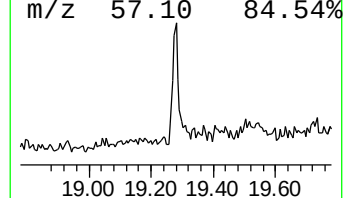
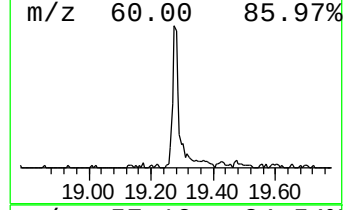
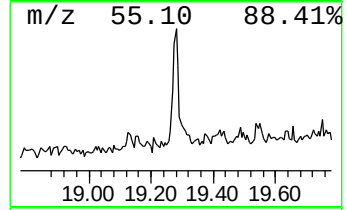
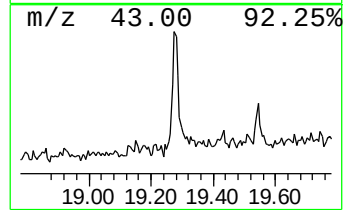
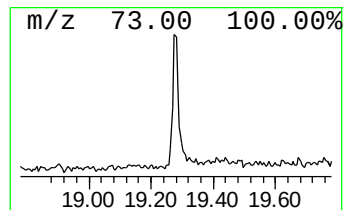
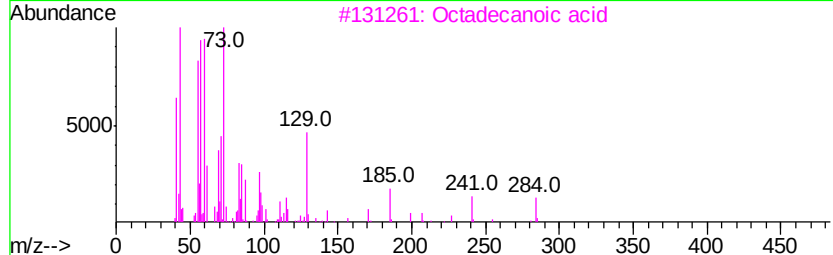
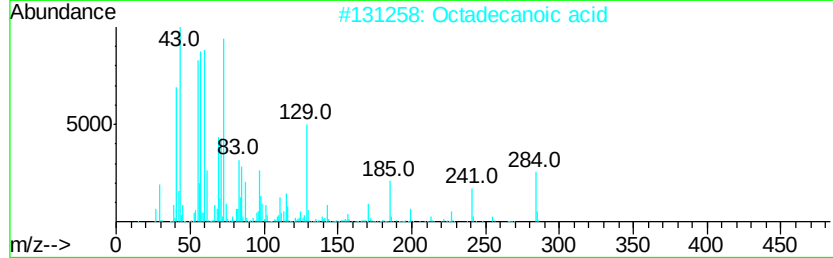
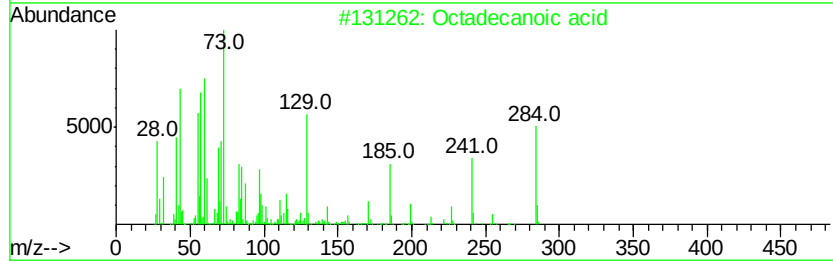
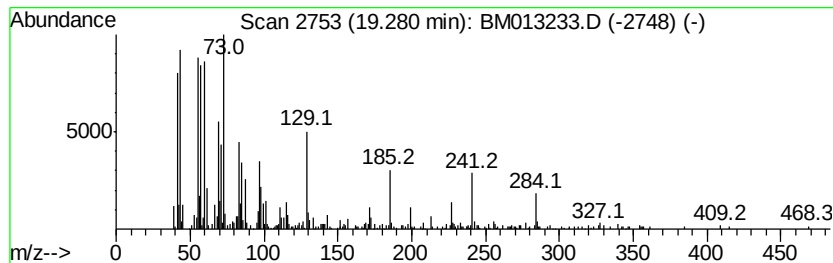
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.52 ng/ul	547381	Chrysene-d12	21.28

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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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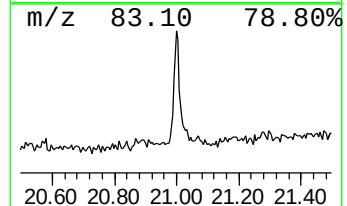
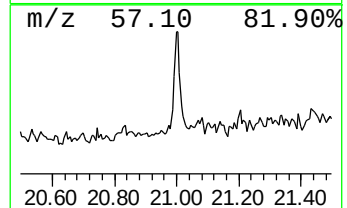
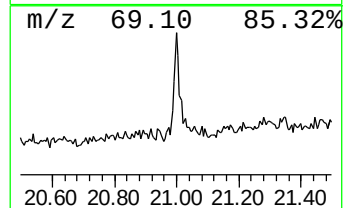
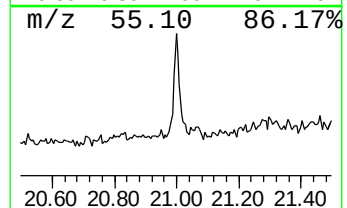
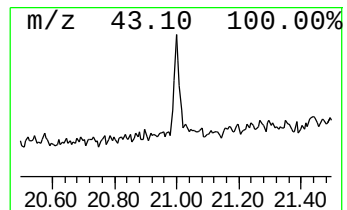
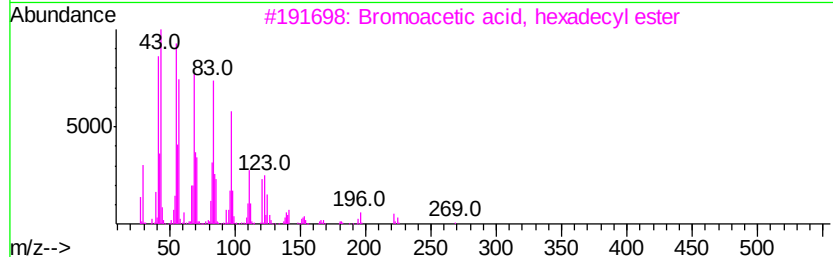
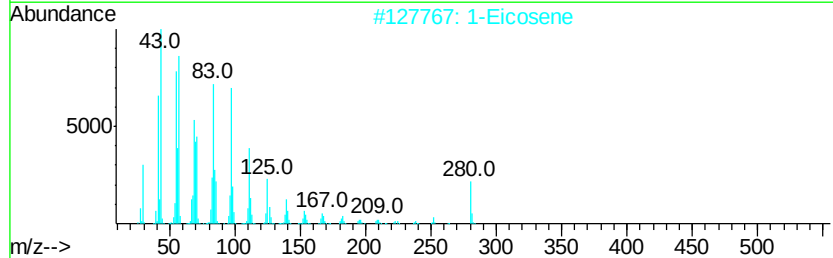
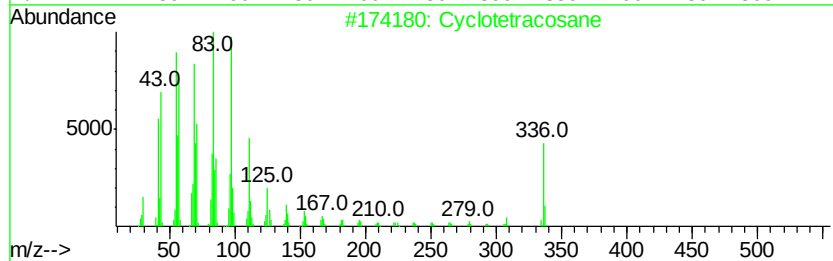
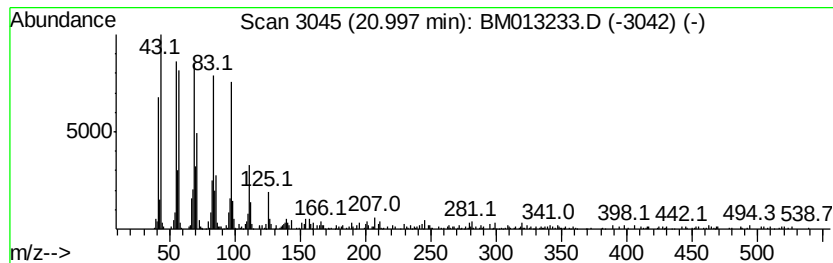
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Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.61 ng/ul	566810	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	97
2		1-Eicosene	280	C20H40	003452-07-1	83
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76
4		1-Docosene	308	C22H44	001599-67-3	64
5		1-Tricosene	322	C23H46	018835-32-0	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.1	ng/ul	704782	4	17.09	4492360	20.0
Octadecanoic acid	19.28	2.5	ng/ul	547381	5	21.28	4347050	20.0
(DEL) Alkane: Cyc...	21.00	2.6	ng/ul	566810	5	21.28	4347050	20.0