

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009760.D
 Acq On : 28 Apr 2017 03:05
 Operator : SJ/MA
 Sample : I2806-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM4

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-BM042517.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	4.028	154	160	179	rBV	4704994	6798431	100.00%	11.898%
2	6.987	655	663	677	rBV	631820	1061476	15.61%	1.858%
3	7.157	686	692	699	rBV	462899	704732	10.37%	1.233%
4	7.351	718	725	733	rBV	599123	945940	13.91%	1.655%
5	7.822	796	805	812	rBV	683886	1088796	16.02%	1.906%
6	8.522	918	924	934	rBV	770113	1259480	18.53%	2.204%
7	8.987	995	1003	1013	rBV	613809	1035742	15.24%	1.813%
8	9.704	1118	1125	1132	rBV	536934	912434	13.42%	1.597%
9	10.239	1209	1216	1228	rBV	762143	1295160	19.05%	2.267%
10	10.616	1273	1280	1287	rBV	973416	1648344	24.25%	2.885%
11	10.763	1298	1305	1320	rVB	626212	1116184	16.42%	1.953%
12	13.874	1825	1834	1839	rBV	1438647	1947082	28.64%	3.408%
13	13.922	1839	1842	1849	rVB	376764	502964	7.40%	0.880%
14	14.163	1876	1883	1891	rVB	1503681	2184916	32.14%	3.824%
15	14.469	1929	1935	1943	rVB2	1506433	2280398	33.54%	3.991%
16	14.674	1963	1970	1984	rBV	765017	1234370	18.16%	2.160%
17	15.292	2071	2075	2081	rVB2	77568	95963	1.41%	0.168%
18	15.463	2097	2104	2111	rVB	2030264	2857949	42.04%	5.002%
19	15.592	2120	2126	2134	rBV	763097	1053865	15.50%	1.844%
20	15.698	2136	2144	2149	rVV4	48480	89693	1.32%	0.157%
21	16.157	2218	2222	2225	rBV	113820	147966	2.18%	0.259%
22	16.951	2352	2357	2361	rBV	77869	99435	1.46%	0.174%
23	17.004	2361	2366	2372	rVB5	40547	75014	1.10%	0.131%
24	17.221	2395	2403	2408	rBV	1993004	2864080	42.13%	5.012%
25	17.315	2413	2419	2426	rVB	2256918	3230077	47.51%	5.653%
26	17.580	2460	2464	2472	rVB3	99193	154634	2.27%	0.271%
27	17.686	2478	2482	2486	rBV2	71201	86505	1.27%	0.151%
28	18.092	2547	2551	2556	rBV	281304	383139	5.64%	0.671%
29	19.368	2765	2768	2773	rBV3	67133	98617	1.45%	0.173%
30	19.615	2804	2810	2816	rVB	2807828	3948294	58.08%	6.910%
31	20.051	2881	2884	2888	rBV6	54223	74223	1.09%	0.130%
32	20.103	2890	2893	2895	rBV4	71504	88457	1.30%	0.155%
33	21.086	3056	3060	3066	rBV	2383060	2614947	38.46%	4.576%
34	21.398	3108	3113	3119	rBV	3156602	4017908	59.10%	7.032%

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35	21.986	3209	3213	3220	rBV	2385416	3115000	45.82%	5.452%
36	23.568	3475	3482	3489	rVB2	1568635	3105513	45.68%	5.435%
37	23.715	3501	3507	3516	rVB2	1441542	2921762	42.98%	5.113%

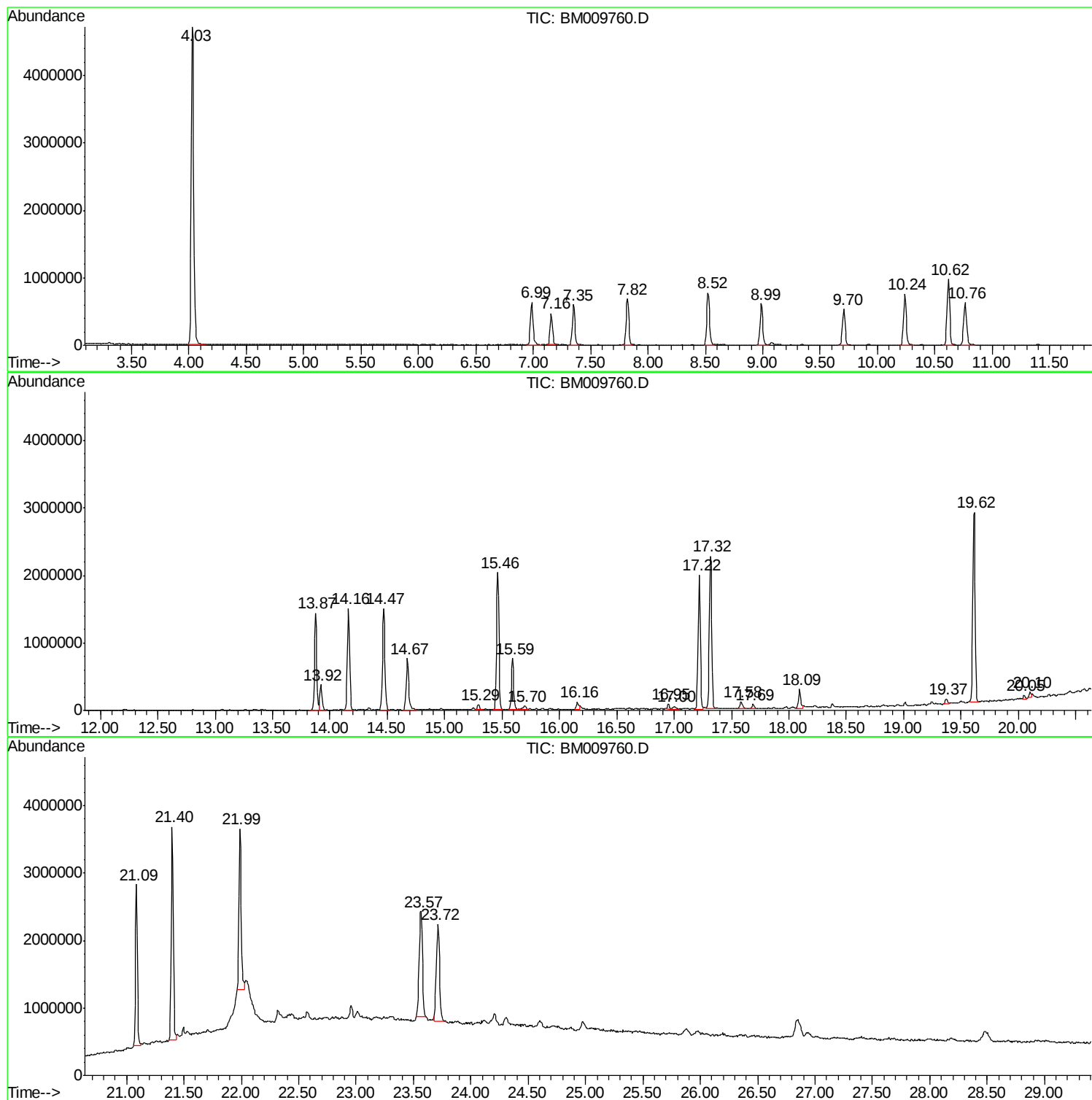
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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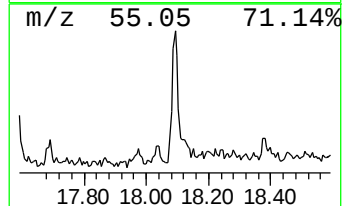
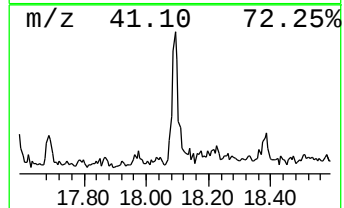
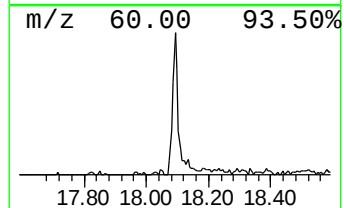
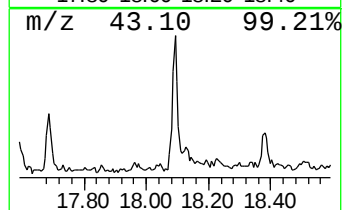
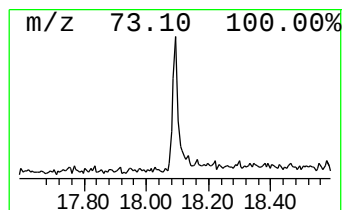
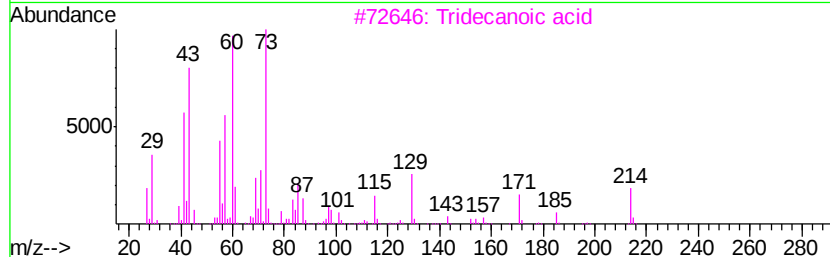
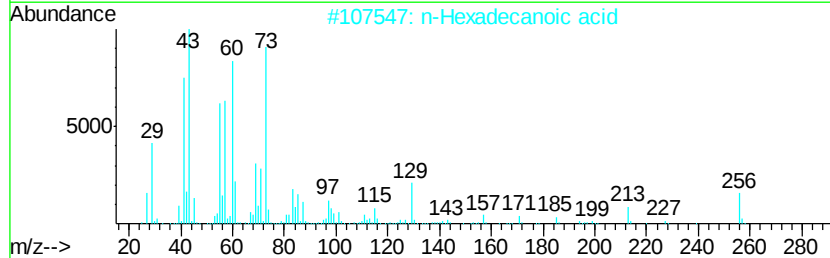
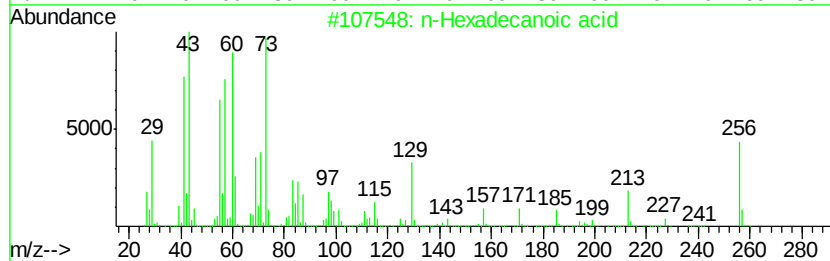
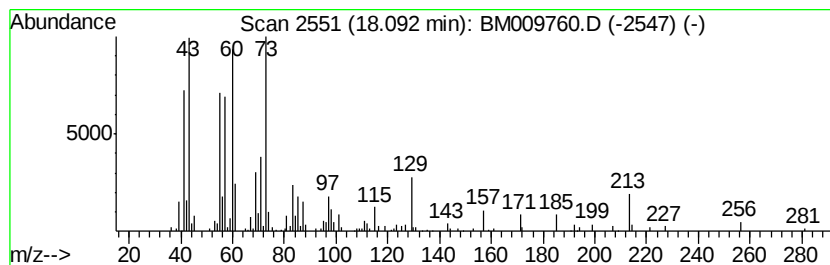
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.68 ng/ul	383139	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80	



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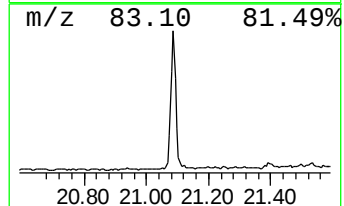
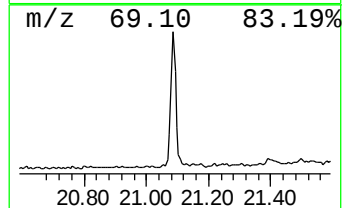
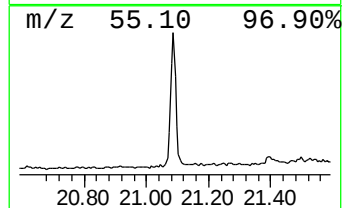
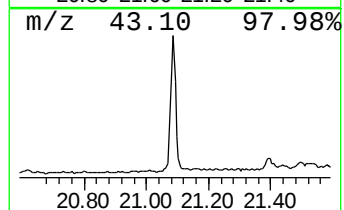
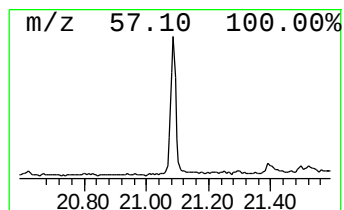
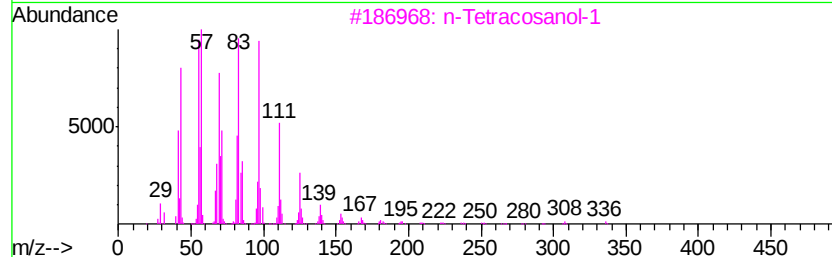
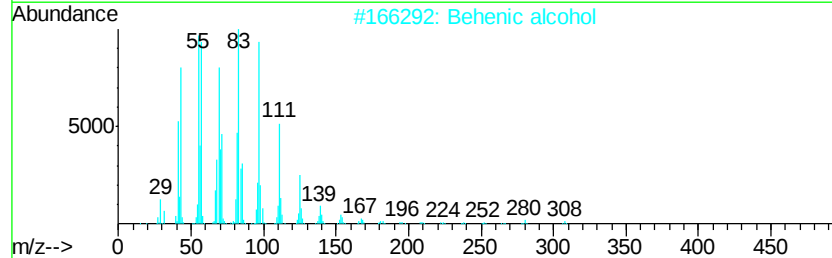
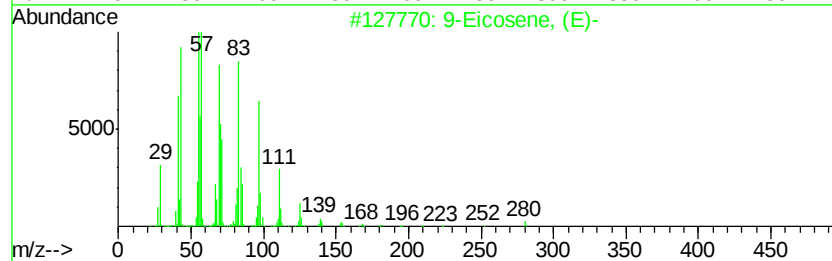
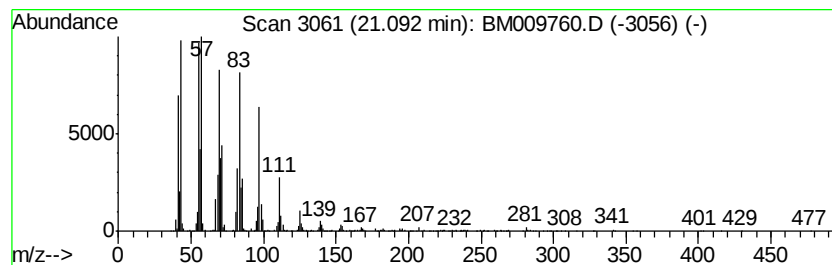
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Peak Number 3 (DEL) Alkane: Cyclic21.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	13.02 ng/ul	2614950	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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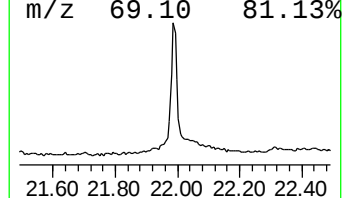
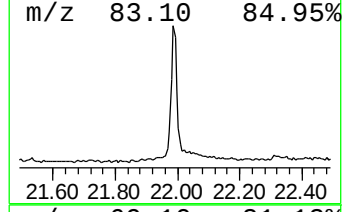
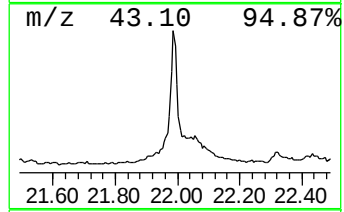
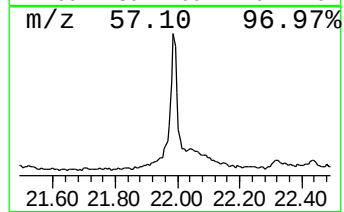
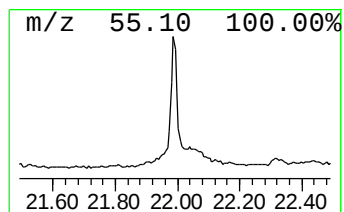
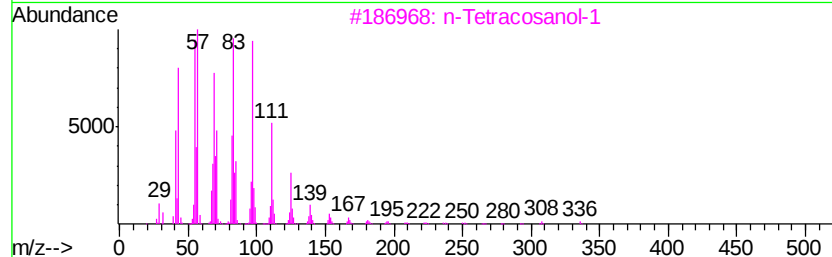
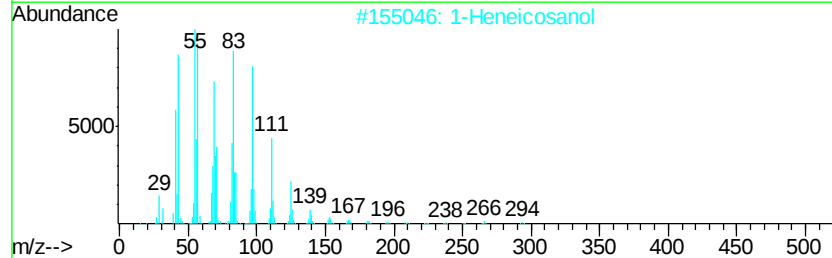
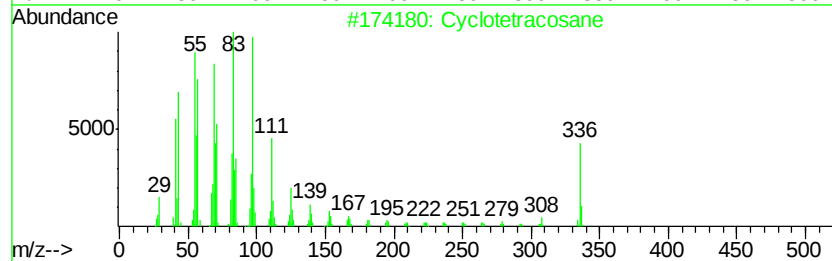
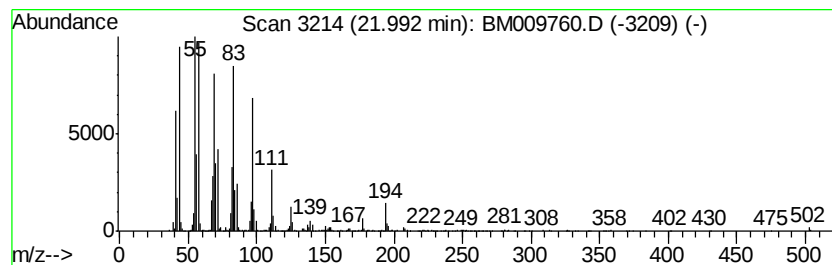
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Peak Number 4 (DEL) Alkane: Cyclic21.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	15.51 ng/ul	3115000	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	95
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4			Cyclotetradecane	196	C14H28	000295-17-0	91
5			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.7	ng/ul	383139	4	17.22	2864080	20.0
(DEL) Alkane: Cyc...	21.09	13.0	ng/ul	2614950	5	21.40	4017910	20.0
(DEL) Alkane: Cyc...	21.99	15.5	ng/ul	3115000	5	21.40	4017910	20.0