

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014747.D
 Acq On : 19 Apr 2018 23:17
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

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-BM041918.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	3.675	11	15	22	rVB	84275	130644	1.84%	0.167%
2	4.751	194	198	209	rVB	147423	219728	3.10%	0.282%
3	5.198	269	274	283	rBV	107915	169130	2.39%	0.217%
4	5.522	323	329	338	rVB2	67738	129917	1.83%	0.167%
5	7.663	686	693	706	rBV	1287840	2117792	29.88%	2.715%
6	7.845	717	724	737	rVB	1027593	1619175	22.84%	2.076%
7	8.063	753	761	767	rBV	1310949	2138977	30.18%	2.742%
8	8.545	835	843	857	rVB	1271057	2095648	29.56%	2.686%
9	9.239	954	961	972	rBV	1558990	2522958	35.59%	3.234%
10	9.728	1036	1044	1052	rBV	1185288	2039732	28.78%	2.615%
11	10.457	1160	1168	1178	rBV	909966	1524971	21.51%	1.955%
12	10.992	1252	1259	1270	rBV	1503298	2531402	35.71%	3.245%
13	11.392	1319	1327	1340	rBV	1731447	2988287	42.16%	3.831%
14	11.510	1340	1347	1362	rBV	1384058	2436394	34.37%	3.123%
15	14.533	1854	1861	1866	rBV	2535794	3475643	49.03%	4.456%
16	14.580	1866	1869	1875	rVV	367930	504767	7.12%	0.647%
17	14.651	1875	1881	1887	rVB2	62794	113684	1.60%	0.146%
18	14.845	1907	1914	1926	rBV	2982026	4361591	61.53%	5.591%
19	14.998	1933	1940	1945	rVB	153989	208516	2.94%	0.267%
20	15.145	1957	1965	1972	rBV2	2453071	3671881	51.80%	4.707%
21	15.298	1984	1991	2000	rBV	928713	1349495	19.04%	1.730%
22	15.892	2087	2092	2095	rBV	70809	100916	1.42%	0.129%
23	15.933	2095	2099	2104	rVB	226259	290105	4.09%	0.372%
24	16.121	2124	2131	2137	rBV	3779448	5259925	74.20%	6.743%
25	16.215	2142	2147	2156	rVB	760417	1033485	14.58%	1.325%
26	16.333	2160	2167	2169	rBV2	53166	104892	1.48%	0.134%
27	16.786	2239	2244	2251	rVB	179309	289750	4.09%	0.371%
28	17.568	2373	2377	2382	rBV	104025	135497	1.91%	0.174%
29	17.856	2420	2426	2431	rBV	2937337	4043440	57.04%	5.183%
30	17.898	2431	2433	2436	rVV	93075	103742	1.46%	0.133%
31	17.956	2436	2443	2452	rVB	3598040	5365314	75.69%	6.878%
32	18.298	2497	2501	2504	rBV	65837	80866	1.14%	0.104%
33	18.680	2561	2566	2577	rBV	453671	707243	9.98%	0.907%
34	19.786	2750	2754	2755	rBV3	85263	104051	1.47%	0.133%

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35	19.809	2756	2758	2763	rVV3	96321	196582	2.77%	0.252%
36	19.856	2763	2766	2771	rVV	150519	214563	3.03%	0.275%
37	19.921	2773	2777	2787	rVV	179338	275851	3.89%	0.354%
38	20.192	2817	2823	2833	rBV	4286601	6226482	87.84%	7.982%
39	21.597	3058	3062	3070	rBV	1042931	1246933	17.59%	1.598%
40	21.944	3115	3121	3125	rBV	3088499	4461967	62.95%	5.720%
41	24.280	3511	3518	3534	rVB2	2989845	7088488	100.00%	9.087%
42	24.438	3539	3545	3558	rVB	2019692	4327056	61.04%	5.547%

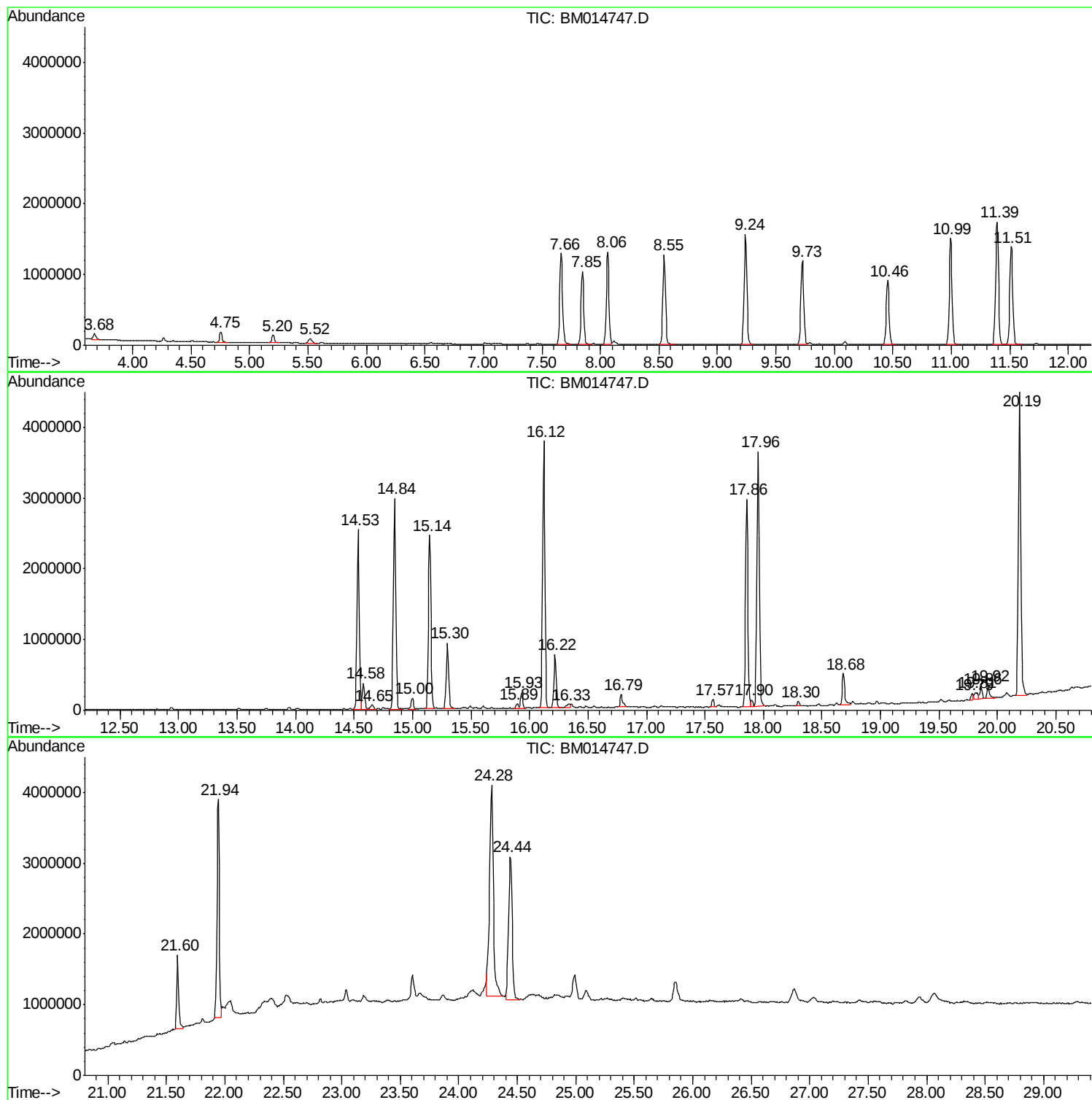
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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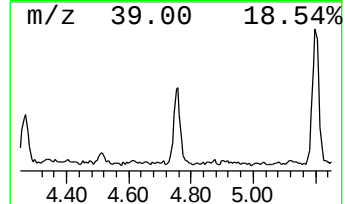
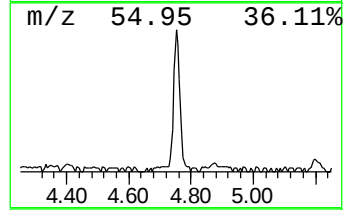
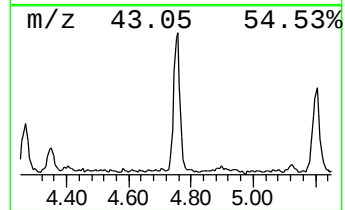
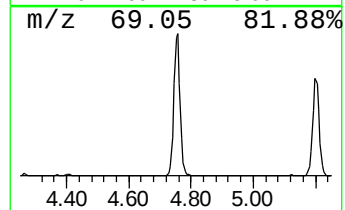
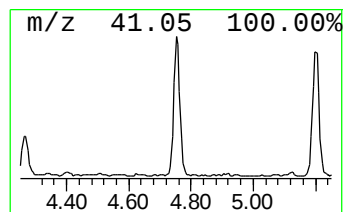
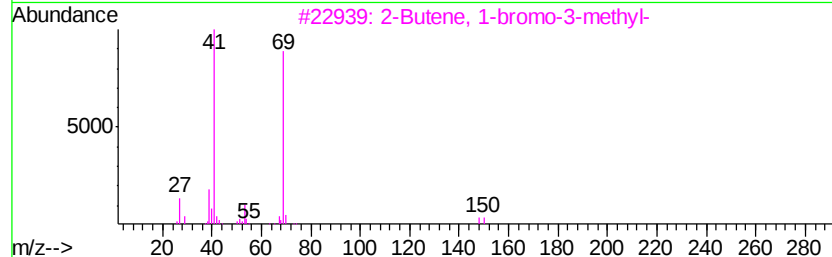
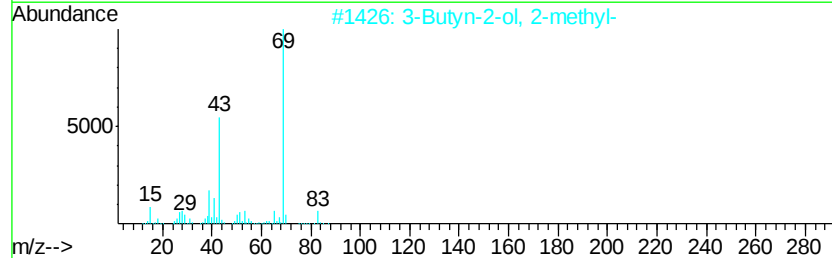
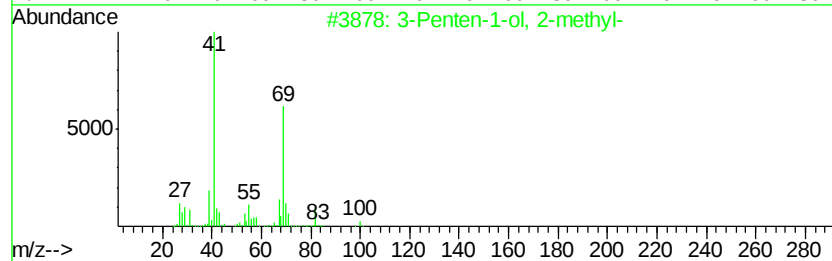
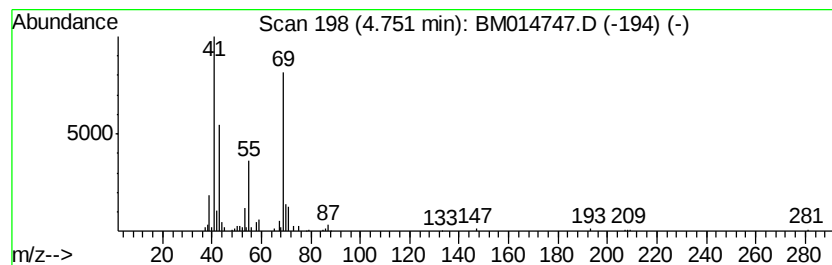
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-1-ol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.10 ng/ul	219728	1,4-Dichlorobenzene-d4	8.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	64
2			3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	47
3			2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	45
4			1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	45
5			2-Butyn-1-ol	70	C4H6O	000764-01-2	40



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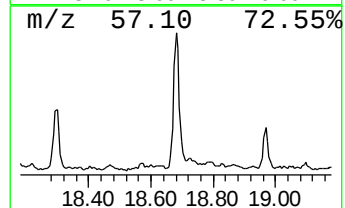
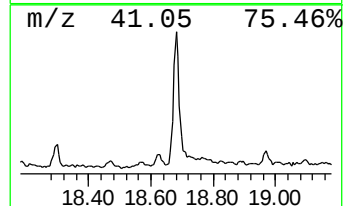
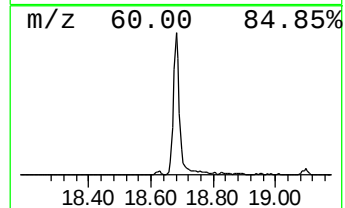
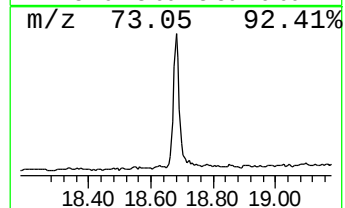
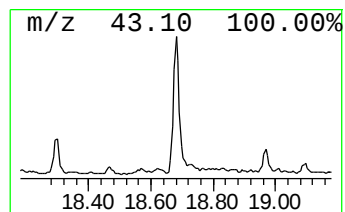
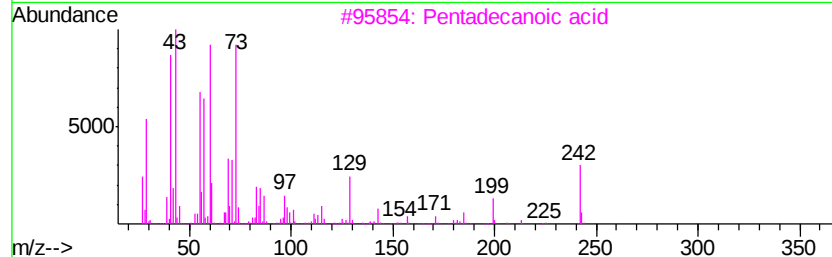
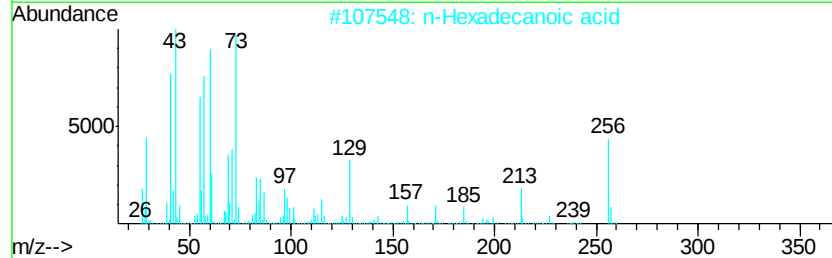
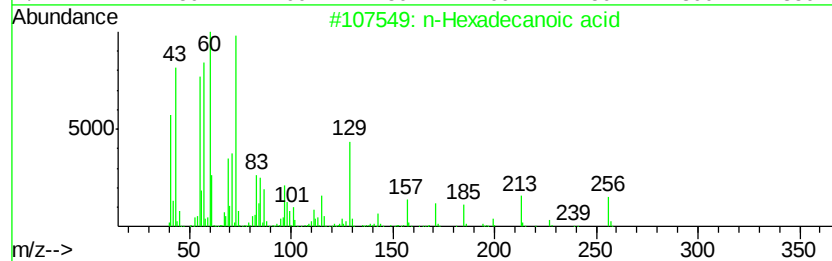
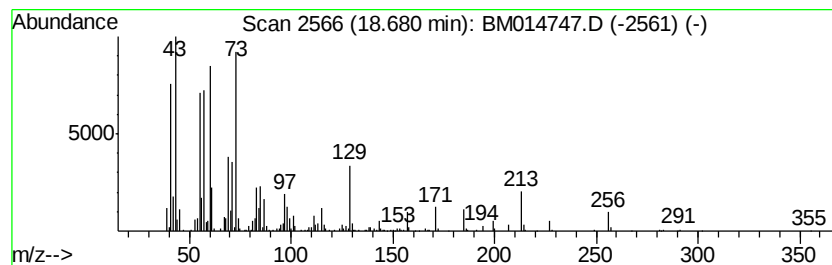
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.50 ng/ul	707243	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



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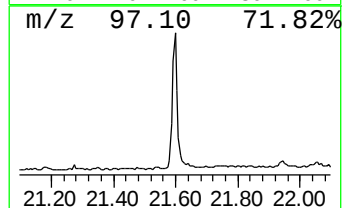
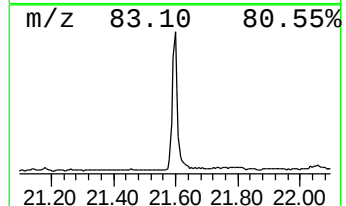
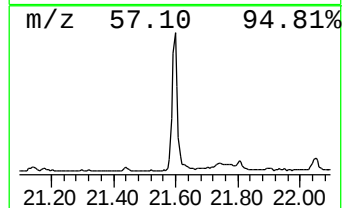
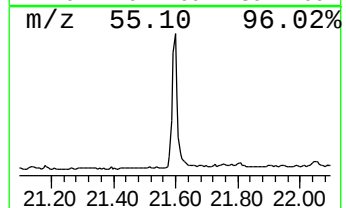
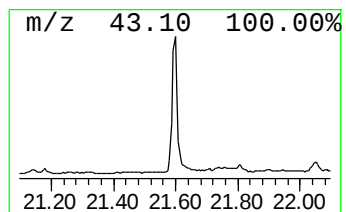
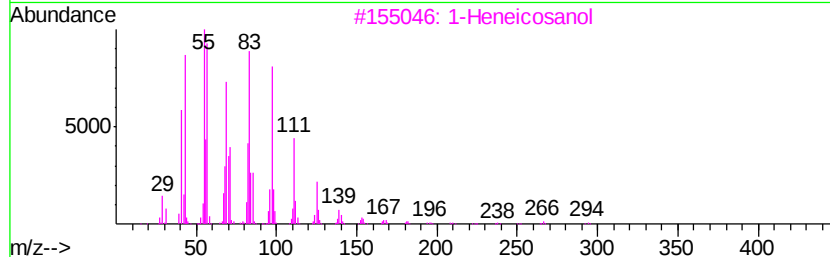
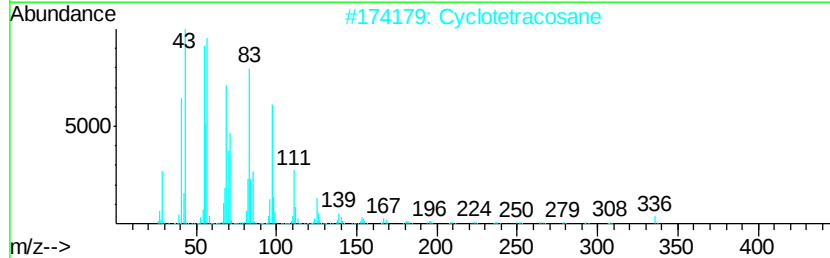
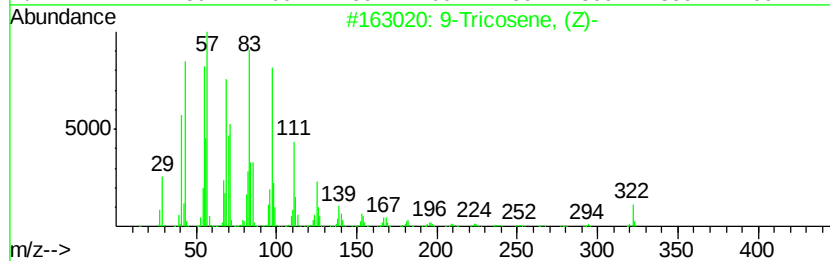
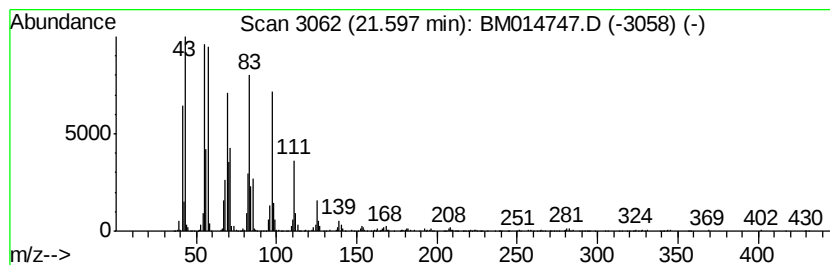
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Peak Number 3 (DEL) Alkane: Cyclic21.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	5.59 ng/ul	1246930	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5		1-Docosene	308	C22H44	001599-67-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-1-ol, 2-...	4.75	2.1	ng/ul	219728	1	8.55	2095650	20.0
n-Hexadecanoic acid	18.68	3.5	ng/ul	707243	4	17.86	4043440	20.0
(DEL) Alkane: Cyc...	21.60	5.6	ng/ul	1246930	5	21.94	4461970	20.0