

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009020.D
 Acq On : 24 Feb 2017 16:31
 Operator : SJ/MA
 Sample : I1940-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABQ9

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\SOM02.2-EPA-BM022317.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	3.363	43	47	54	rVB3	39160	59358	1.64%	0.146%
2	5.016	324	328	337	rBV	91219	140713	3.88%	0.346%
3	7.051	667	674	685	rVB2	634179	1175131	32.44%	2.893%
4	7.228	698	704	714	rBV	487624	753235	20.79%	1.855%
5	7.428	732	738	745	rBV	631846	992521	27.40%	2.444%
6	7.898	810	818	827	rBV	647301	1037603	28.64%	2.555%
7	8.592	928	936	945	rBV	644811	1066938	29.45%	2.627%
8	9.063	1006	1016	1023	rBV	595227	1010629	27.90%	2.488%
9	9.786	1131	1139	1146	rBV2	461278	789945	21.80%	1.945%
10	10.316	1222	1229	1240	rBV	706871	1213590	33.50%	2.988%
11	10.704	1287	1295	1305	rVB	789220	1337772	36.93%	3.294%
12	10.839	1311	1318	1326	rBV	633667	1048933	28.95%	2.583%
13	13.945	1838	1846	1850	rBV	1238127	1718277	47.43%	4.231%
14	13.992	1850	1854	1861	rVB	240276	334536	9.23%	0.824%
15	14.233	1888	1895	1903	rBV	1264525	1830125	50.52%	4.506%
16	14.539	1941	1947	1955	rBV2	1093408	1692098	46.71%	4.166%
17	14.721	1971	1978	1988	rBV	599424	866266	23.91%	2.133%
18	15.368	2083	2088	2092	rVB2	58064	68628	1.89%	0.169%
19	15.533	2109	2116	2122	rBV	1706178	2486479	68.63%	6.122%
20	15.645	2129	2135	2144	rBV	625317	847098	23.38%	2.086%
21	15.774	2147	2157	2160	rBV6	36654	65454	1.81%	0.161%
22	16.227	2229	2234	2243	rBV	93162	152232	4.20%	0.375%
23	17.021	2364	2369	2373	rBV	93190	116700	3.22%	0.287%
24	17.068	2373	2377	2382	rVV4	30798	46023	1.27%	0.113%
25	17.286	2407	2414	2423	rBV	1483907	2142278	59.13%	5.274%
26	17.380	2424	2430	2438	rVV	1974462	2813458	77.66%	6.927%
27	17.757	2490	2494	2500	rBV2	69364	91956	2.54%	0.226%
28	18.157	2557	2562	2571	rBV	315645	449074	12.40%	1.106%
29	19.051	2710	2714	2722	rVB3	115588	168925	4.66%	0.416%
30	19.292	2751	2755	2756	rBV2	44955	53673	1.48%	0.132%
31	19.309	2756	2758	2763	rVB5	52729	73671	2.03%	0.181%
32	19.433	2774	2779	2785	rBV4	116621	174806	4.83%	0.430%
33	19.674	2814	2820	2831	rBV	2619003	3552403	98.06%	8.746%
34	20.380	2936	2940	2947	rBV4	74207	125569	3.47%	0.309%

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35	21.139	3065	3069	3075	rBV	362593	512303	14.14%	1.261%
36	21.456	3118	3123	3128	rBV	2299873	2878199	79.45%	7.086%
37	22.521	3300	3304	3311	rVB4	183655	272728	7.53%	0.671%
38	23.650	3489	3496	3507	rVB2	1914508	3622841	100.00%	8.920%
39	23.803	3515	3522	3531	rBV	1428214	2833624	78.22%	6.977%

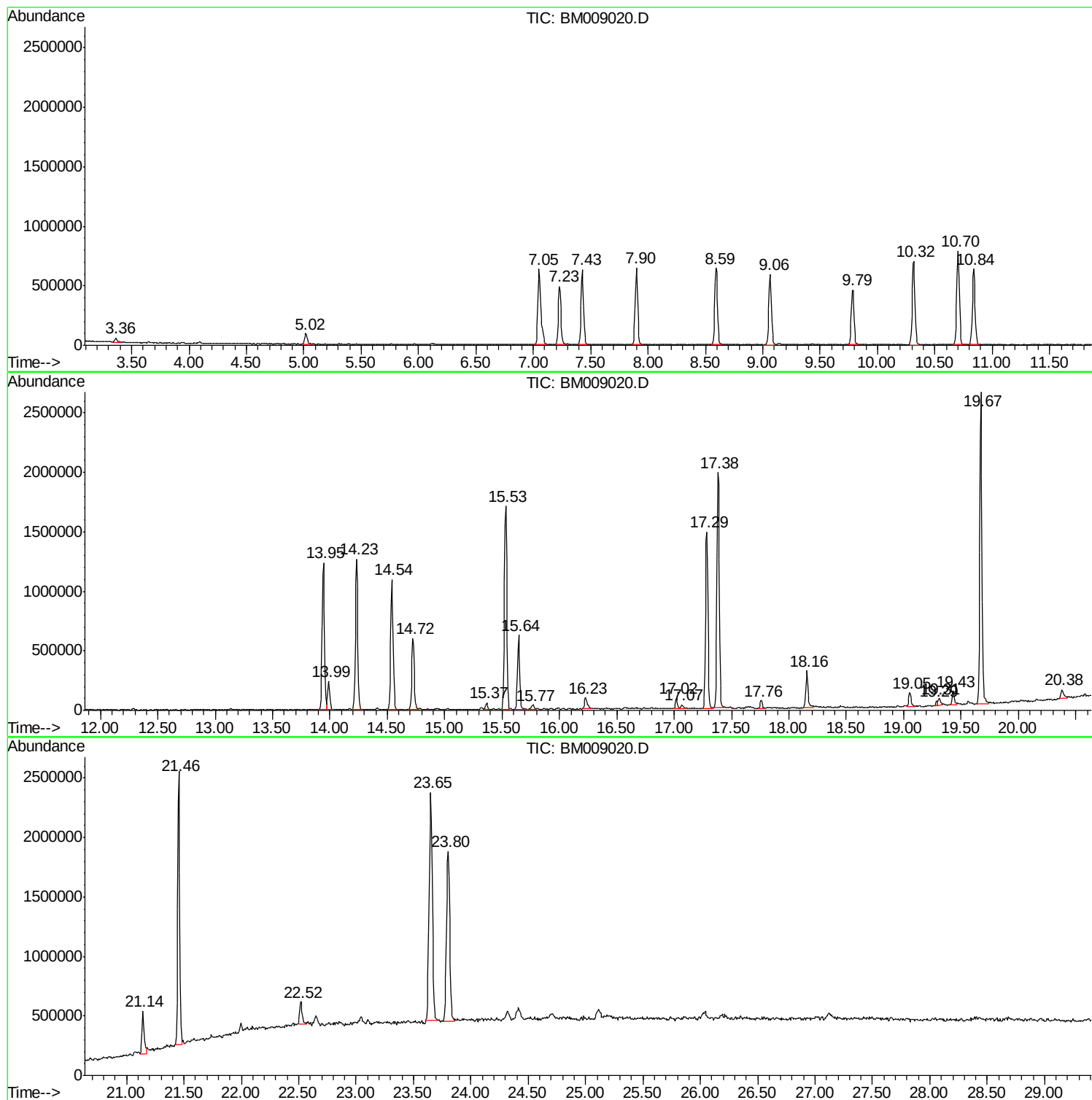
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



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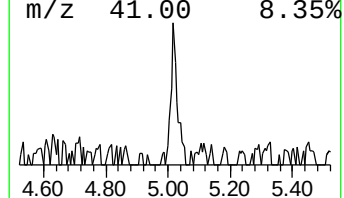
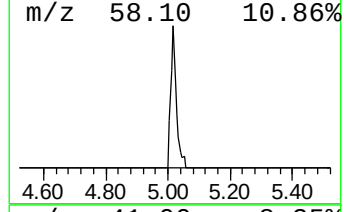
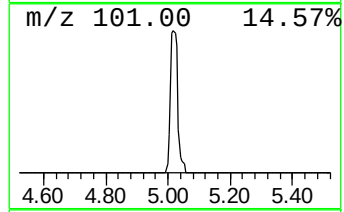
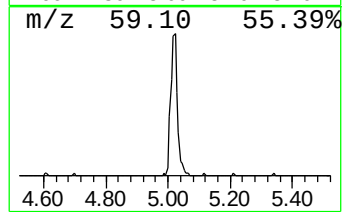
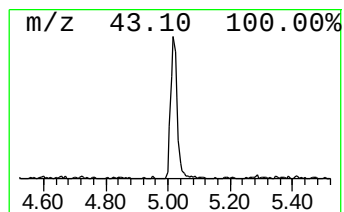
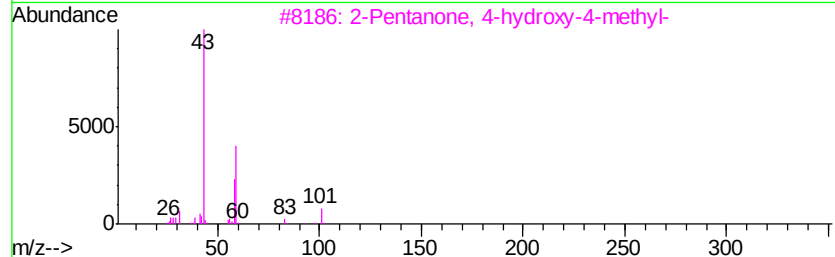
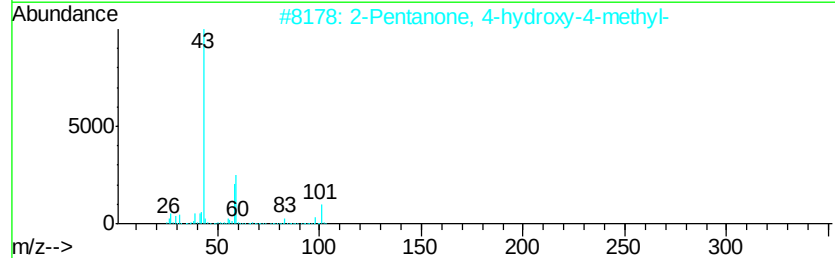
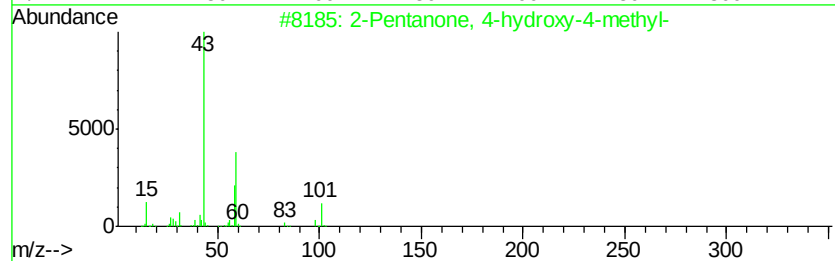
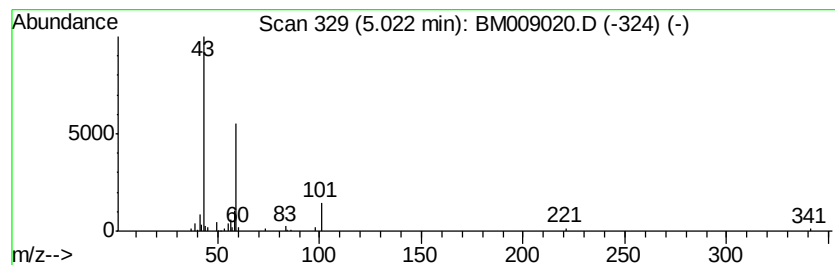
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.71 ng/ul	140713	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		Butane	58	C4H10	000106-97-8	9



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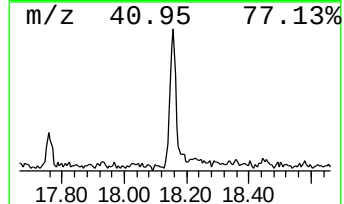
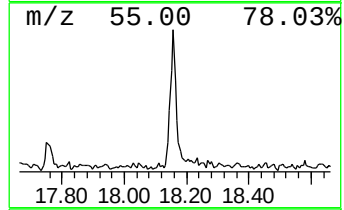
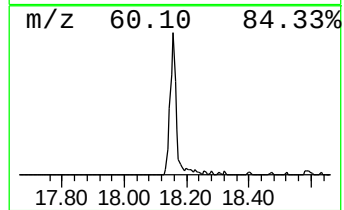
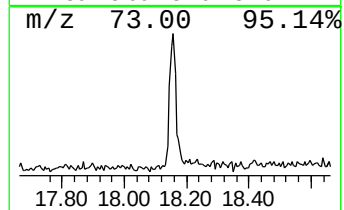
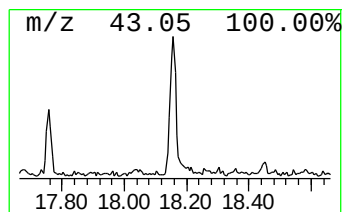
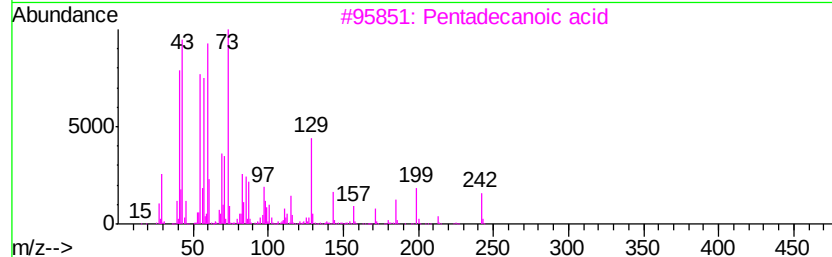
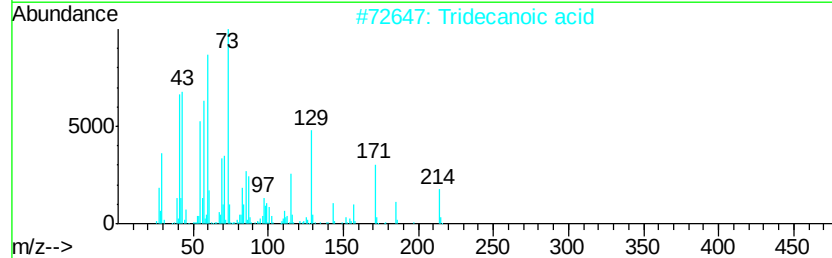
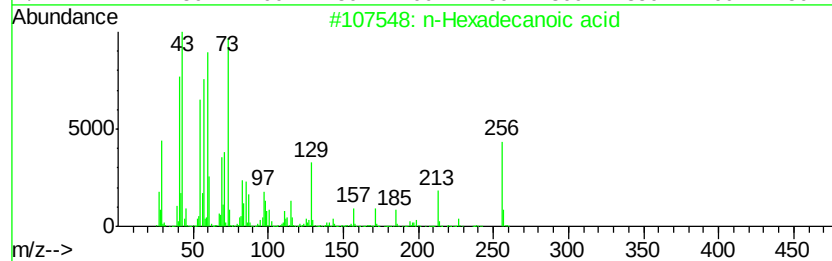
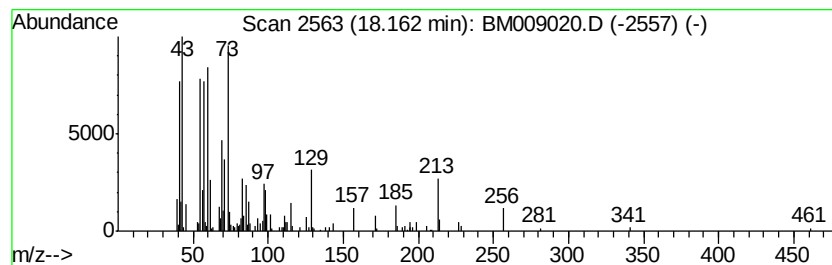
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.19 ng/ul	449074	Phenanthrene-d10	17.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83	



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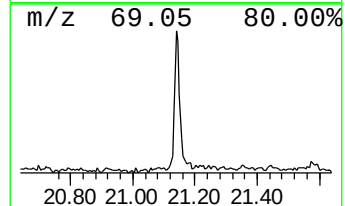
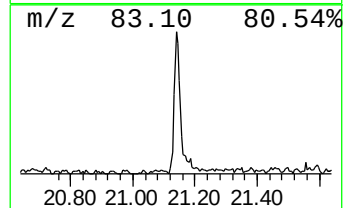
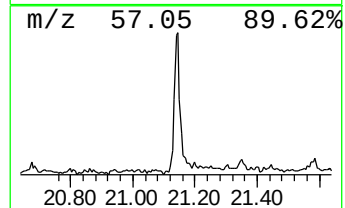
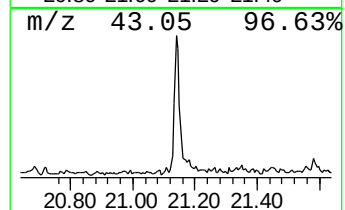
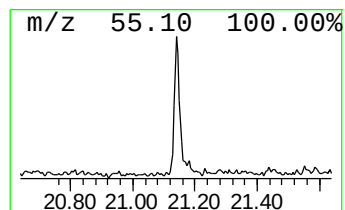
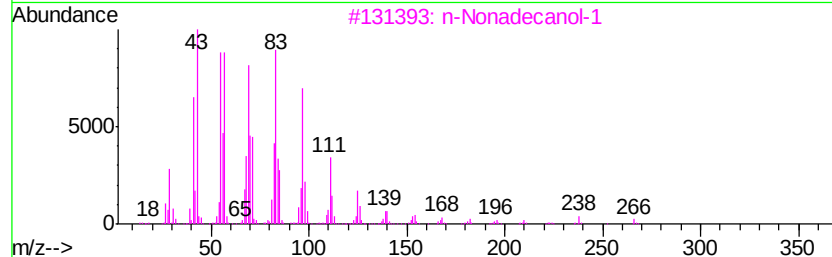
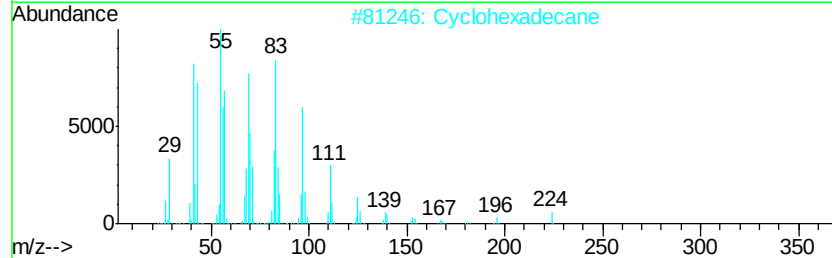
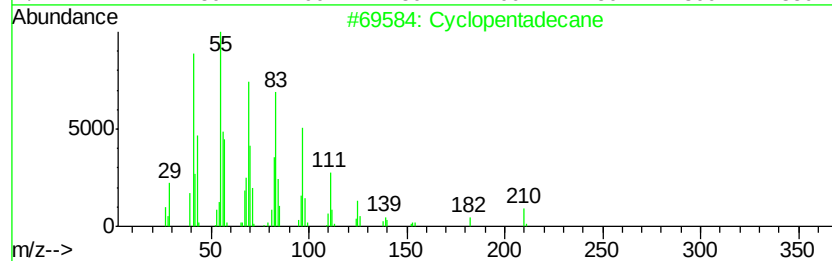
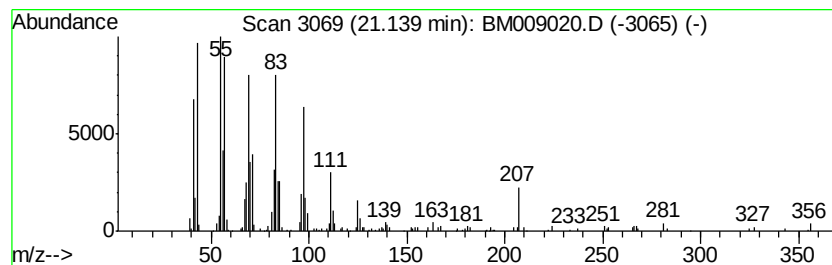
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Peak Number 3 (DEL) Alkane: Cyclic21.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.14	3.56 ng/ul	512303	Chrysene-d12	21.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclohexadecane	224	C16H32	000295-65-8	96
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	2.7	ng/ul	140713	1	7.90	1037600	20.0
n-Hexadecanoic acid	18.16	4.2	ng/ul	449074	4	17.29	2142280	20.0
(DEL) Alkane: Cyc...	21.14	3.6	ng/ul	512303	5	21.46	2878200	20.0