

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005339.D
 Acq On : 08 May 2016 10:19
 Operator : UM/SJ
 Sample : H2772-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3B0

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-BM050516.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	2.934	38	42	55	rVB	63423	129308	5.20%	0.485%
2	6.939	717	723	737	rBV	297506	485173	19.50%	1.820%
3	7.104	745	751	759	rBV	254517	392271	15.77%	1.471%
4	7.304	779	785	800	rBV	310233	505794	20.33%	1.897%
5	7.769	858	864	876	rVB	339467	550235	22.11%	2.064%
6	8.475	978	984	994	rBV	406802	665442	26.74%	2.496%
7	8.928	1054	1061	1072	rBV	308702	521412	20.96%	1.956%
8	9.645	1176	1183	1192	rBV	263812	440735	17.71%	1.653%
9	10.180	1268	1274	1292	rBV	393870	684571	27.51%	2.568%
10	10.557	1331	1338	1350	rBV	535962	903595	36.32%	3.389%
11	10.692	1355	1361	1381	rBV	343163	626696	25.19%	2.351%
12	13.815	1886	1892	1897	rBV	805201	1185736	47.66%	4.448%
13	13.863	1897	1900	1908	rVB	198125	269761	10.84%	1.012%
14	14.104	1934	1941	1953	rBV	936892	1420247	57.08%	5.327%
15	14.304	1969	1975	1979	rBV	41736	52716	2.12%	0.198%
16	14.410	1984	1993	2002	rVB2	852410	1330129	53.46%	4.989%
17	14.621	2024	2029	2046	rBV	184174	344575	13.85%	1.292%
18	14.992	2085	2092	2107	rVB5	17701	59238	2.38%	0.222%
19	15.257	2132	2137	2142	rVB	70189	88900	3.57%	0.333%
20	15.404	2156	2162	2172	rVB	1224193	1837776	73.86%	6.893%
21	15.527	2178	2183	2194	rVB	249914	370397	14.89%	1.389%
22	15.651	2197	2204	2210	rBV3	27040	59314	2.38%	0.222%
23	16.115	2278	2283	2292	rBV	71627	115678	4.65%	0.434%
24	17.156	2454	2460	2468	rBV2	1135490	1672114	67.20%	6.272%
25	17.256	2471	2477	2489	rVB2	1430711	2059349	82.77%	7.724%
26	18.045	2607	2611	2618	rBV	35731	51009	2.05%	0.191%
27	19.556	2862	2868	2877	rBV2	1737194	2488124	100.00%	9.333%
28	20.092	2955	2959	2965	rVB	23981	26735	1.07%	0.100%
29	20.586	3039	3043	3047	rBV	26242	28717	1.15%	0.108%
30	21.050	3117	3122	3138	rBV	177754	264185	10.62%	0.991%
31	21.350	3167	3173	3186	rBV	1555679	2084233	83.77%	7.818%
32	21.927	3267	3271	3280	rBV2	38897	63718	2.56%	0.239%
33	22.391	3346	3350	3355	rBV	47521	57473	2.31%	0.216%
34	22.521	3369	3372	3378	rVB	22880	29767	1.20%	0.112%

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35	22.903	3432	3437	3442	rVB	90183	121354	4.88%	0.455%
36	23.474	3527	3534	3550	rVB2	1130767	2245141	90.23%	8.421%
37	23.621	3551	3559	3573	rVB2	878689	1748908	70.29%	6.560%
38	24.127	3639	3645	3653	rVB	110175	211196	8.49%	0.792%
39	24.874	3766	3772	3782	rVB	91147	196799	7.91%	0.738%
40	25.750	3915	3921	3930	rVB	64021	158228	6.36%	0.594%
41	26.785	4091	4097	4105	rVB4	41094	113294	4.55%	0.425%

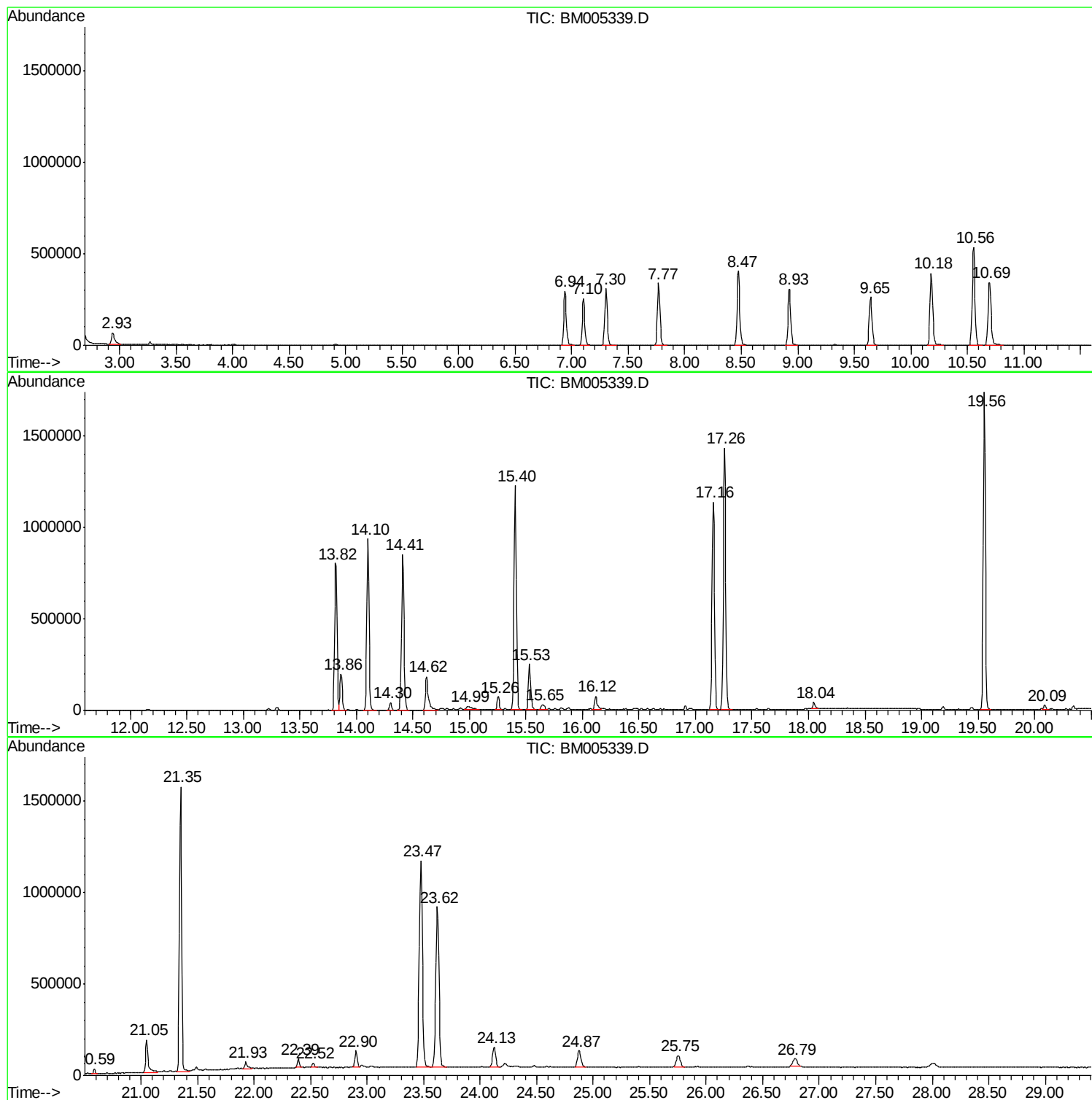
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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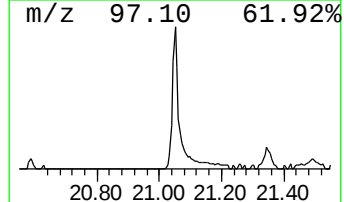
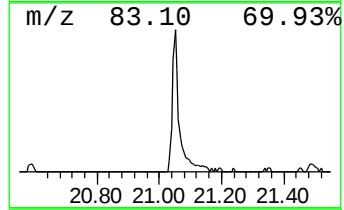
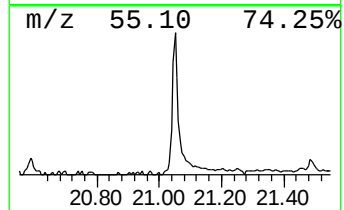
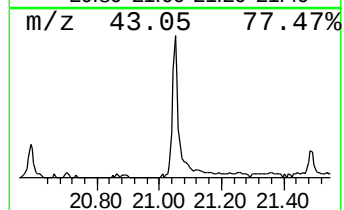
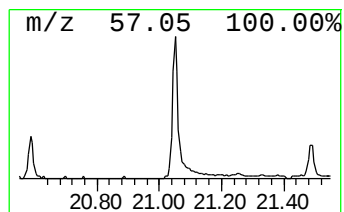
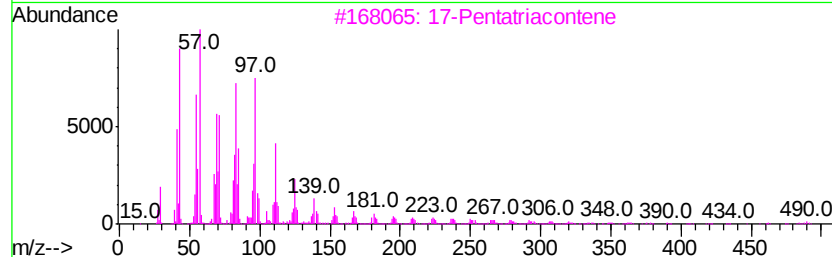
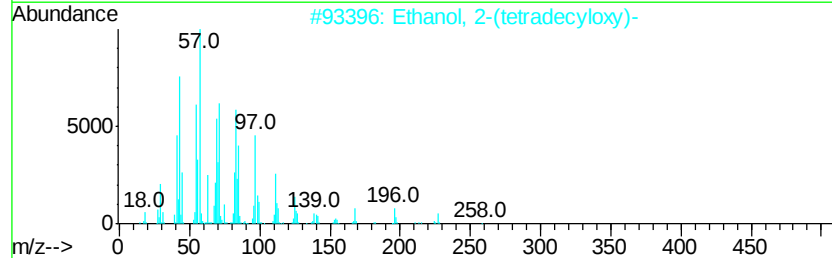
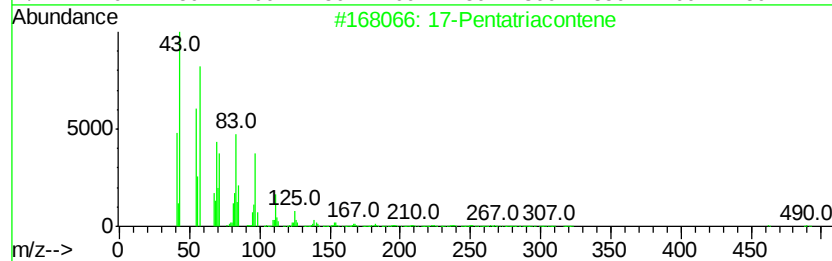
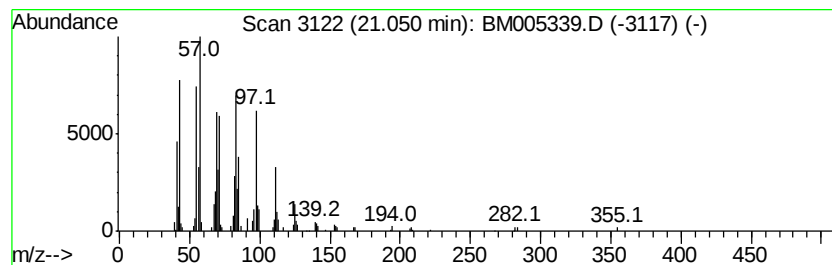
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Peak Number 2 (DEL) Alkane: Cyclic-21.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.54 ng/ul	264185	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87



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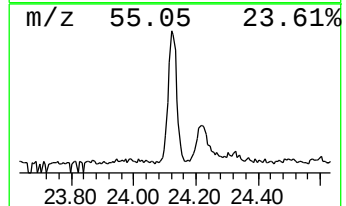
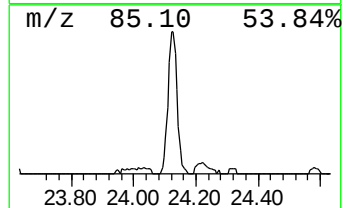
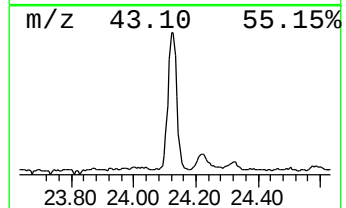
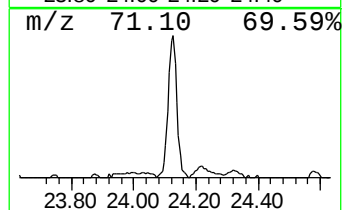
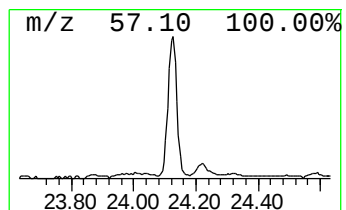
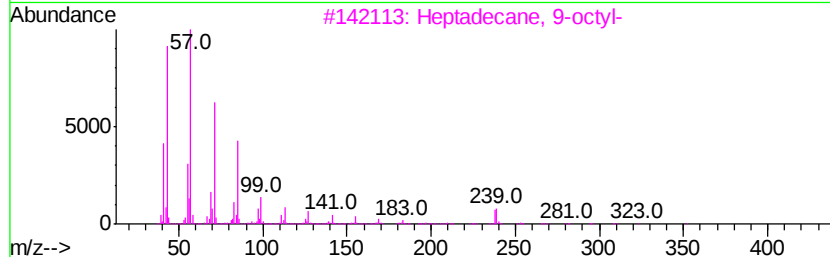
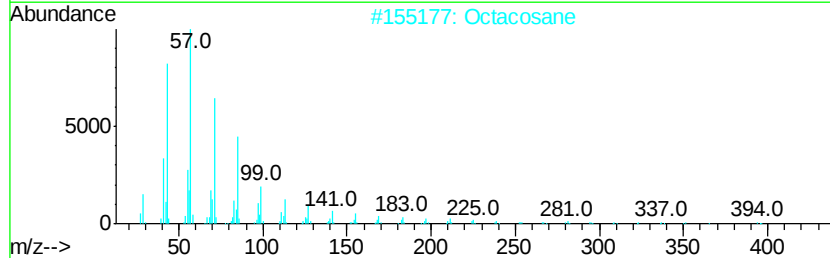
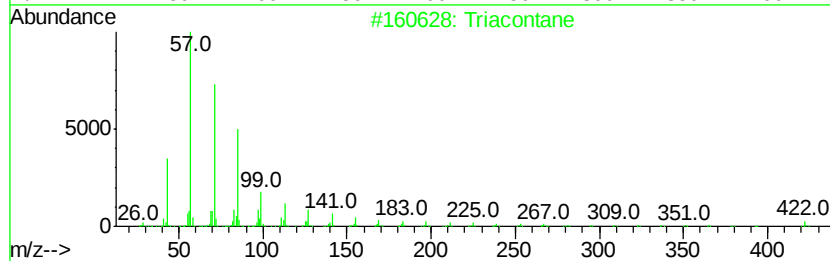
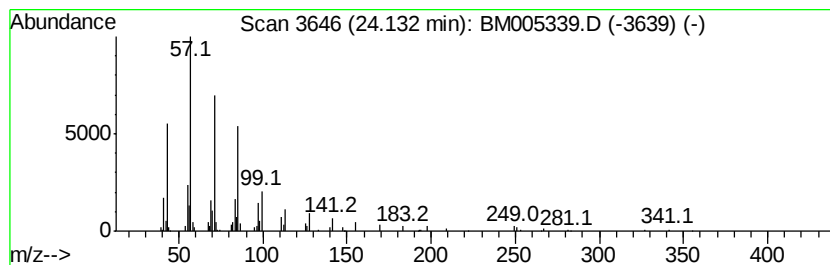
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.42 ng/ul	211196	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



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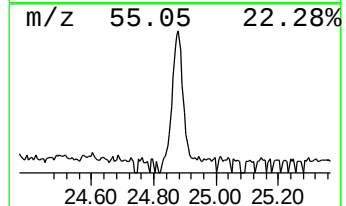
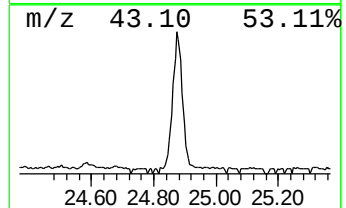
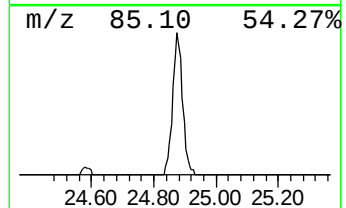
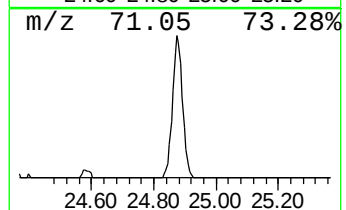
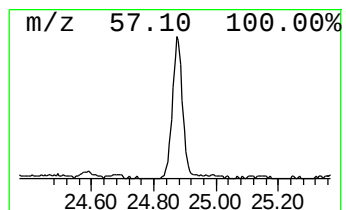
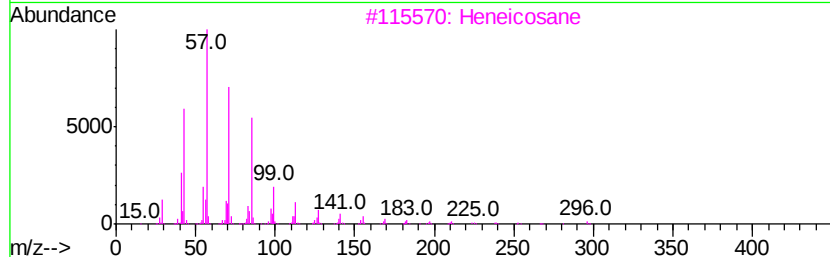
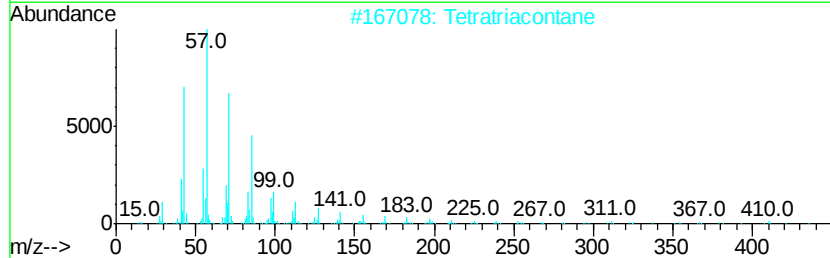
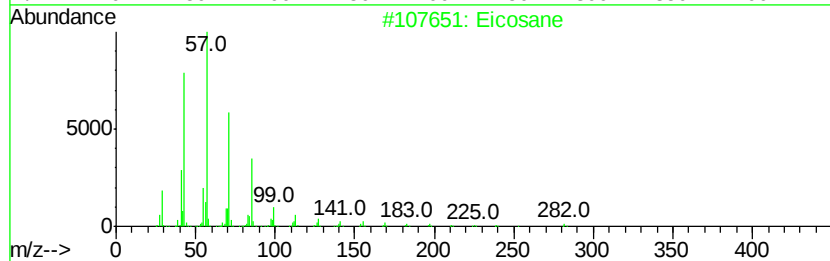
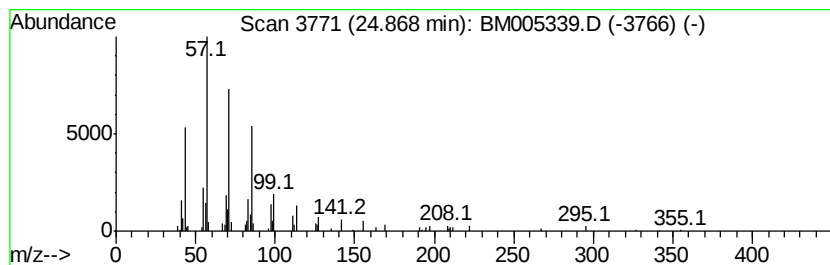
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.25 ng/ul	196799	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Triacontane	422	C30H62	000638-68-6	90



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	21.05	2.5	ng/ul	264185	5	21.35	2084230	20.0
(DEL) Alkane: Str...	24.13	2.4	ng/ul	211196	6	23.62	1748910	20.0
(DEL) Alkane: Str...	24.87	2.3	ng/ul	196799	6	23.62	1748910	20.0