

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
 Data File : BM005898.D
 Acq On : 21 Jun 2016 19:24
 Operator : UM/SJ
 Sample : H3612-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z35

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-BM062116.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	6.845	715	724	734	rBV	888954	1449500	20.41%	1.889%
2	7.016	746	753	767	rBV	703216	1125563	15.84%	1.467%
3	7.210	779	786	798	rBV	852094	1411160	19.87%	1.839%
4	7.675	859	865	874	rBV	761773	1244145	17.51%	1.622%
5	8.375	977	984	1001	rBV	1180507	1965036	27.66%	2.561%
6	8.828	1054	1061	1076	rBV	881738	1492562	21.01%	1.946%
7	9.545	1175	1183	1195	rBV	678853	1141897	16.07%	1.489%
8	10.075	1266	1273	1285	rBV	1129149	1987819	27.98%	2.591%
9	10.457	1331	1338	1349	rBV	1235952	2140777	30.14%	2.791%
10	10.592	1353	1361	1374	rBV	1174555	2141314	30.14%	2.791%
11	13.739	1889	1896	1900	rBV	2390987	3525983	49.64%	4.596%
12	13.786	1900	1904	1915	rVB	742516	1158134	16.30%	1.510%
13	14.016	1934	1943	1953	rBV	2584832	4078252	57.41%	5.316%
14	14.239	1974	1981	1986	rBV2	50053	75477	1.06%	0.098%
15	14.321	1988	1995	2004	rVB2	2056195	3256605	45.84%	4.245%
16	14.516	2021	2028	2039	rBV	1139657	1732202	24.38%	2.258%
17	15.192	2138	2143	2149	rBV	89563	124654	1.75%	0.162%
18	15.321	2157	2165	2171	rBV	3425312	5237368	73.73%	6.827%
19	15.433	2178	2184	2200	rVB	880030	1272298	17.91%	1.658%
20	15.557	2200	2205	2209	rBV2	54266	91107	1.28%	0.119%
21	16.057	2285	2290	2298	rBV	115050	216235	3.04%	0.282%
22	16.851	2419	2425	2430	rBV2	98344	142261	2.00%	0.185%
23	17.068	2456	2462	2472	rBV2	2829627	4175052	58.77%	5.442%
24	17.168	2472	2479	2487	rBV2	3983810	5844825	82.28%	7.619%
25	17.974	2612	2616	2624	rBV	162549	253477	3.57%	0.330%
26	19.098	2802	2807	2811	rBV	62131	88130	1.24%	0.115%
27	19.268	2832	2836	2843	rBV2	68855	112146	1.58%	0.146%
28	19.356	2847	2851	2856	rVB	54492	72591	1.02%	0.095%
29	19.468	2864	2870	2879	rBV2	4931701	7075837	99.61%	9.224%
30	20.992	3125	3129	3138	rBV	436165	612605	8.62%	0.799%
31	21.262	3170	3175	3181	rBV	4138198	5374169	75.65%	7.005%
32	21.880	3275	3280	3282	rBV2	125756	217160	3.06%	0.283%
33	22.033	3302	3306	3311	rVB	265913	356619	5.02%	0.465%
34	22.839	3438	3443	3447	rBV	626866	905224	12.74%	1.180%

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35	23.350	3522	3530	3536	rBV2	3765245	7103629	100.00%	9.260%
36	23.491	3546	3554	3567	rVB	2661159	5239163	73.75%	6.829%
37	24.044	3643	3648	3655	rBV	273865	529643	7.46%	0.690%
38	24.127	3657	3662	3671	rVB3	160199	326071	4.59%	0.425%
39	27.085	4158	4165	4178	rVB4	476667	1417736	19.96%	1.848%

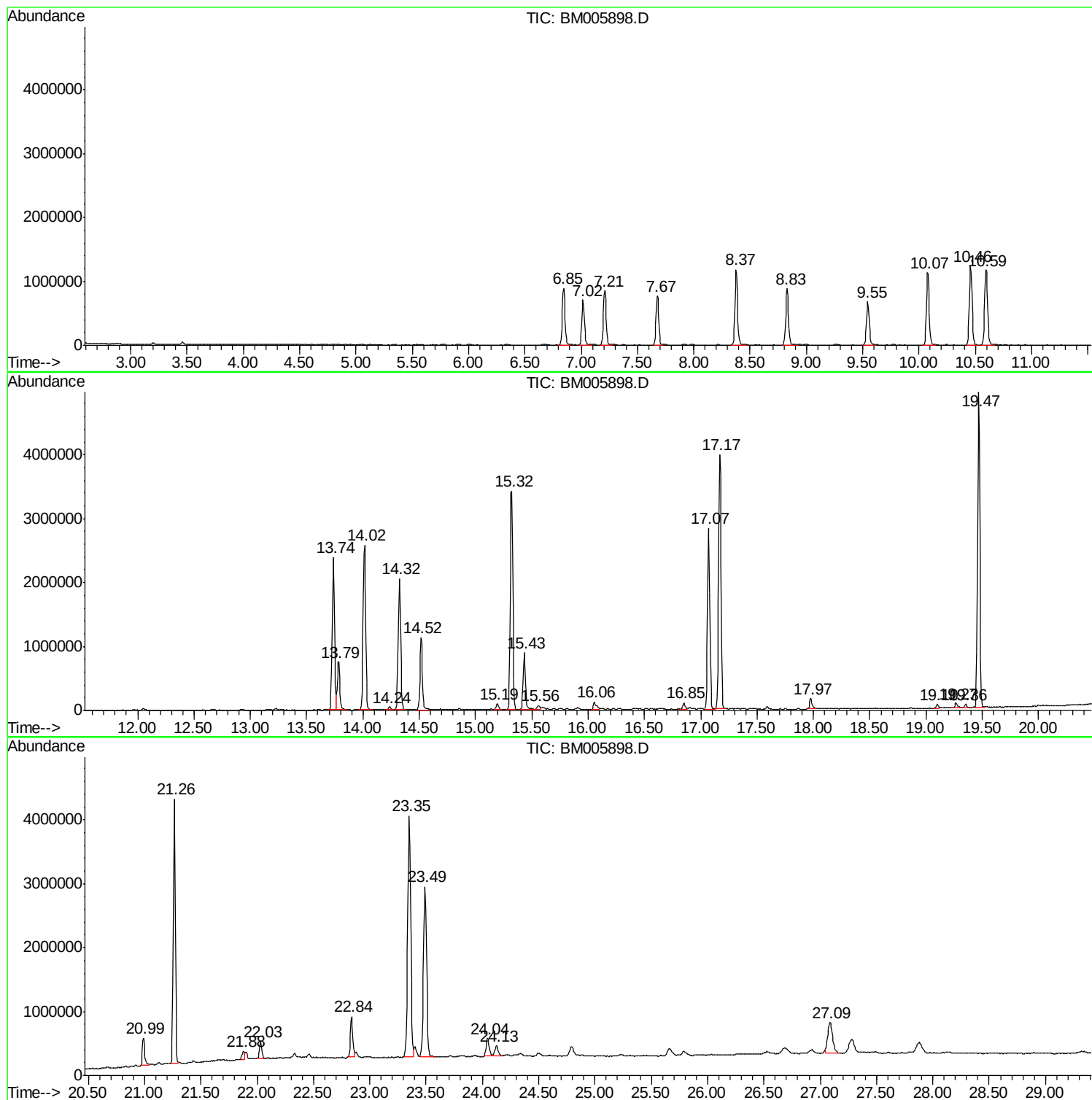
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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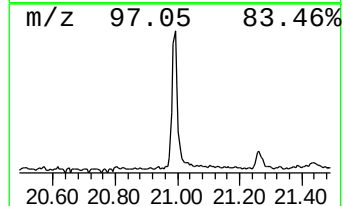
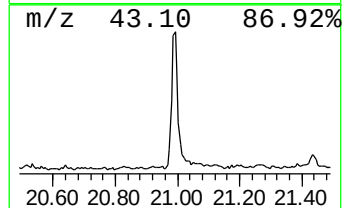
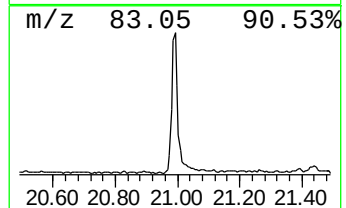
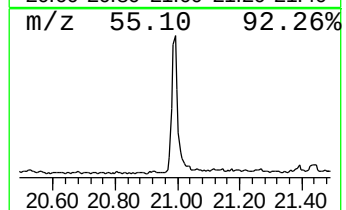
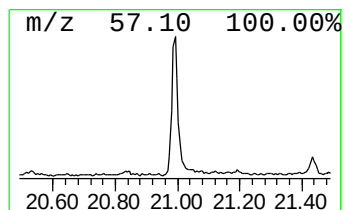
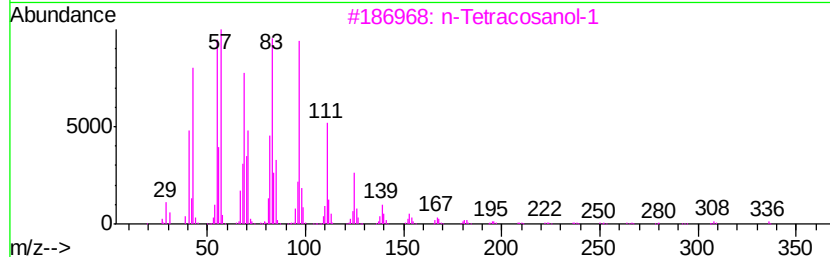
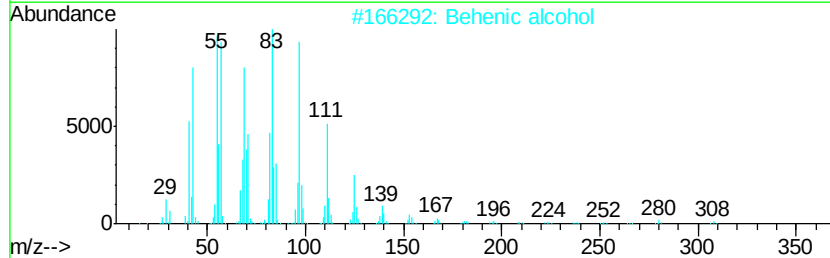
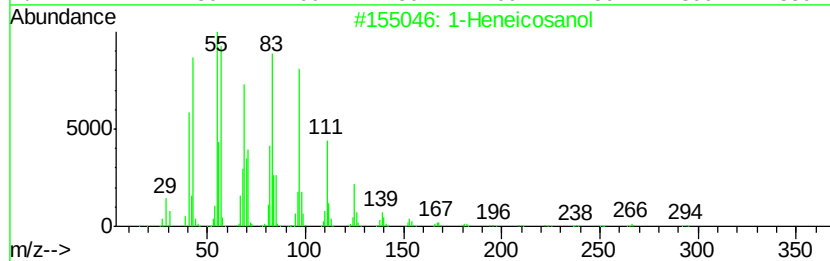
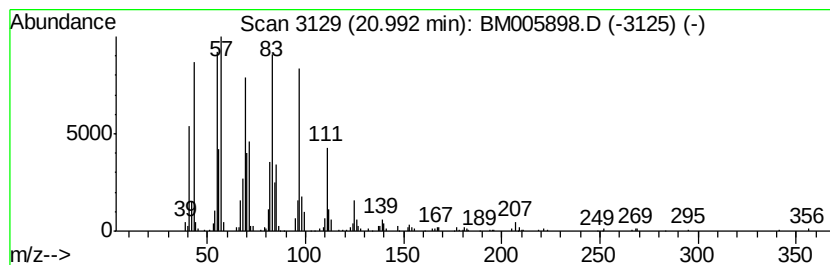
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Peak Number 1 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.28 ng/ul	612605	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8 94
2	Behenic alcohol	326	C22H46O	000661-19-8 94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4 94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5 94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2 94



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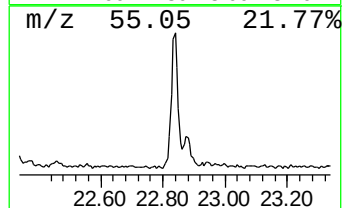
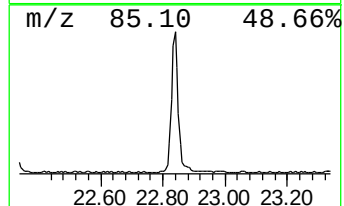
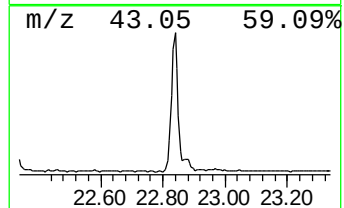
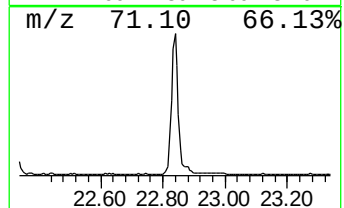
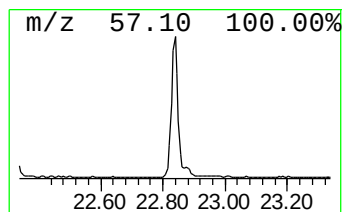
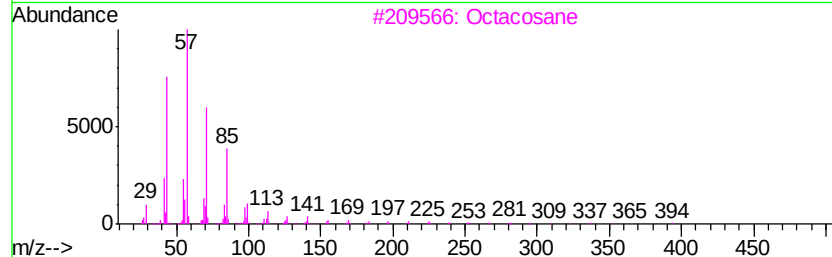
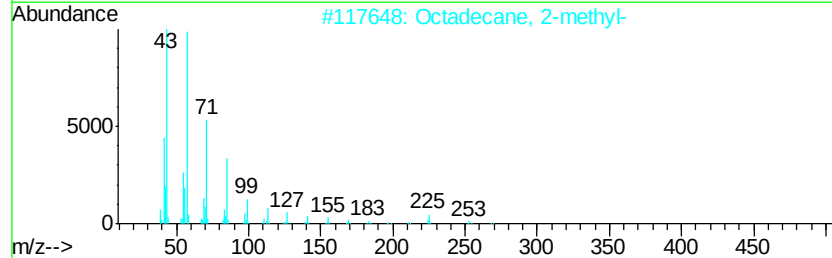
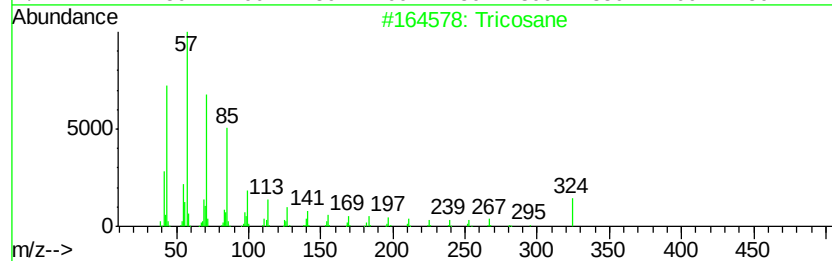
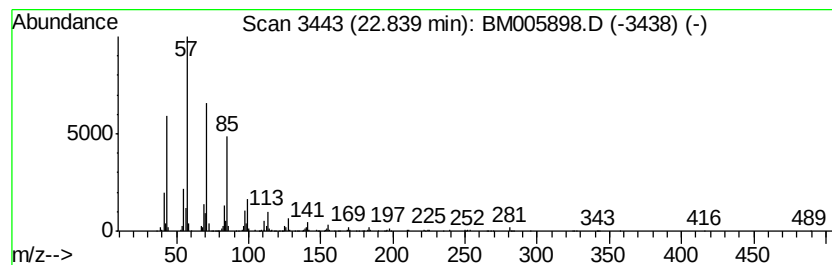
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	3.46 ng/ul	905224	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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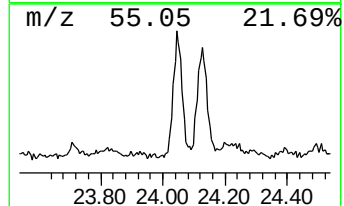
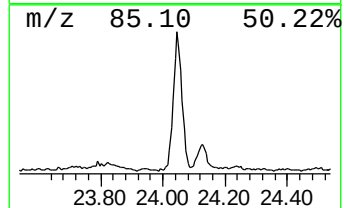
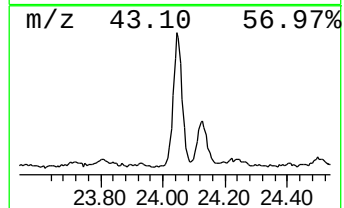
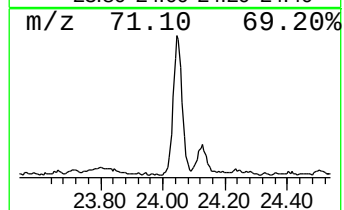
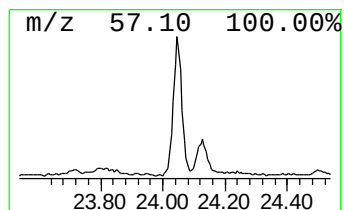
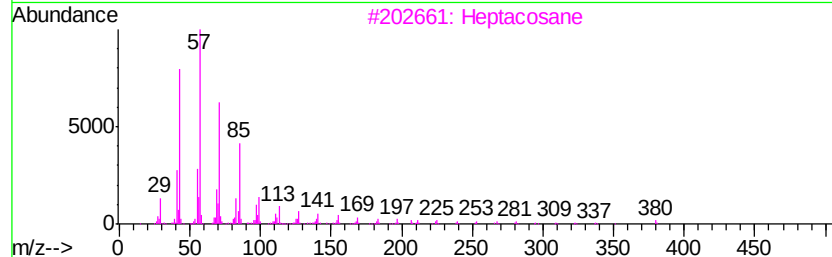
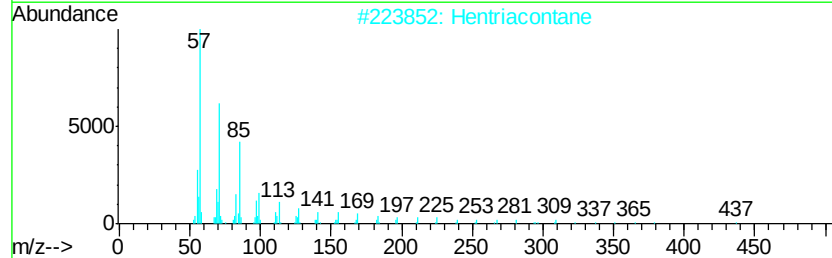
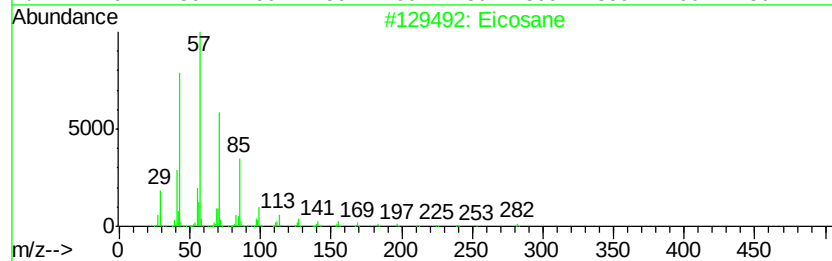
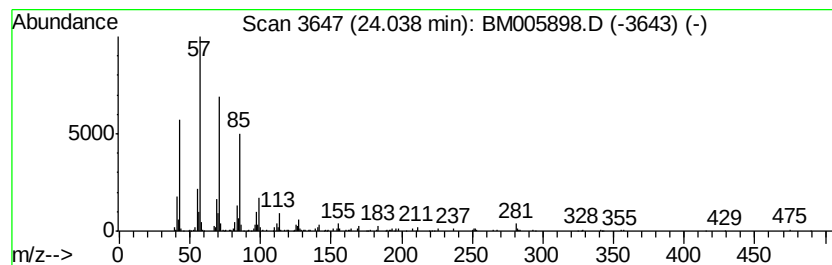
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.02 ng/ul	529643	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		Octacosane	394	C28H58	000630-02-4	87



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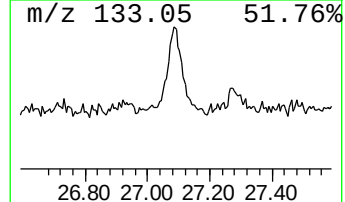
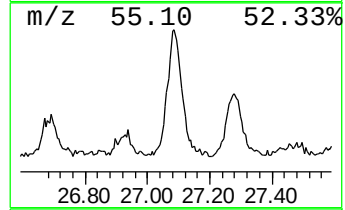
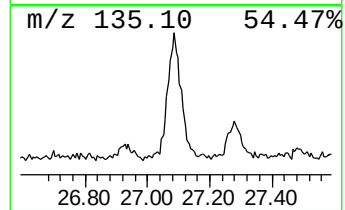
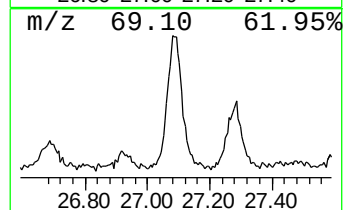
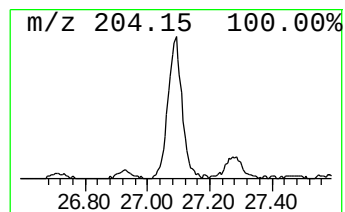
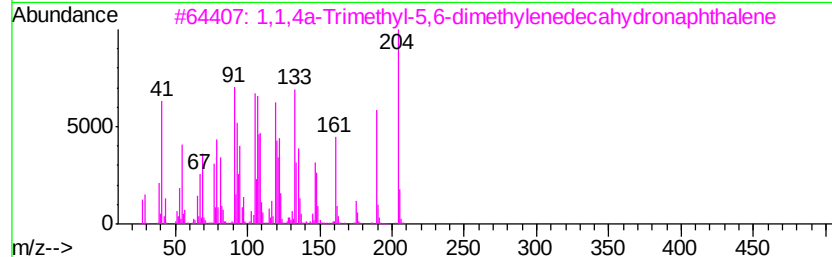
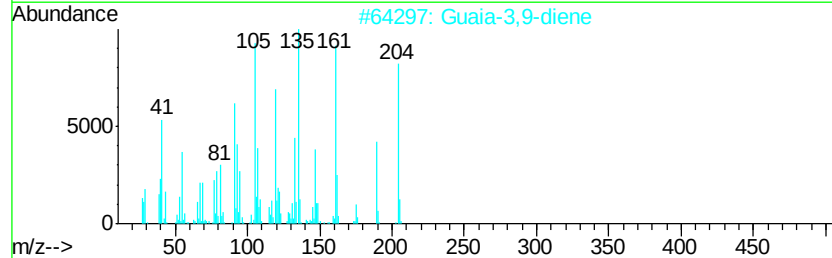
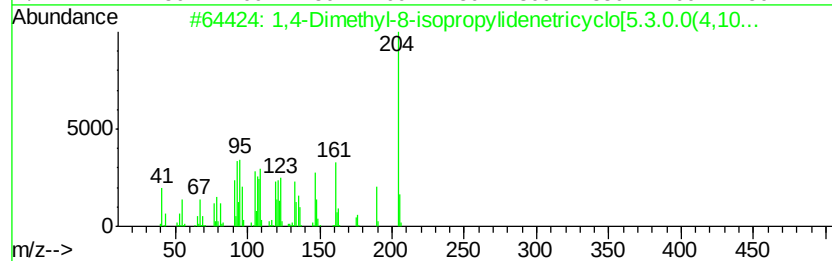
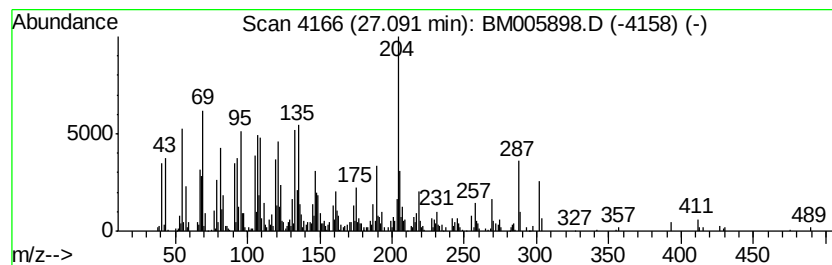
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Peak Number 4 1,4-Dimethyl-8-isopropylide... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.09	5.41 ng/ul	1417740	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	68
2		Guaia-3,9-diene	204	C15H24	000489-83-8	52
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
4		.beta.-Humulene	204	C15H24	000116-04-1	49
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosanol	20.99	2.3	ng/ul	612605	5	21.26	5374170	20.0
(DEL) Alkane: Str...	22.84	3.5	ng/ul	905224	6	23.49	5239160	20.0
(DEL) Alkane: Str...	24.04	2.0	ng/ul	529643	6	23.49	5239160	20.0
1,4-Dimethyl-8-is...	27.09	5.4	ng/ul	1417740	6	23.49	5239160	20.0