

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
 Data File : BM006704.D
 Acq On : 28 Jul 2016 01:21
 Operator : UM/SJ
 Sample : H4094-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJF5

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-BM072616.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	4.164	263	268	282	rVB	78959	115077	3.03%	0.265%
2	4.752	362	368	378	rBV	234381	337512	8.87%	0.776%
3	6.793	708	715	726	rBV	612155	1072058	28.19%	2.465%
4	6.946	733	741	755	rBV	486545	758641	19.95%	1.744%
5	7.140	768	774	785	rBV	628957	1037274	27.27%	2.385%
6	7.605	842	853	862	rBV	555000	902260	23.72%	2.075%
7	8.316	968	974	991	rBV	715115	1257874	33.07%	2.892%
8	8.763	1042	1050	1058	rBV	566821	1001598	26.33%	2.303%
9	9.481	1164	1172	1184	rBV	467225	838291	22.04%	1.927%
10	10.016	1256	1263	1277	rBV	691992	1253198	32.95%	2.881%
11	10.387	1318	1326	1339	rBV	761022	1376750	36.20%	3.166%
12	10.528	1344	1350	1375	rVB	619424	1193822	31.39%	2.745%
13	13.151	1791	1796	1802	rBV2	35577	58533	1.54%	0.135%
14	13.675	1878	1885	1889	rBV	1214189	1804604	47.45%	4.149%
15	13.722	1889	1893	1903	rVB	708641	1057069	27.79%	2.430%
16	13.951	1922	1932	1949	rBV	1425523	2233534	58.73%	5.135%
17	14.263	1978	1985	2000	rVB2	1151981	1883353	49.52%	4.330%
18	14.486	2018	2023	2043	rBV	412812	835657	21.97%	1.921%
19	15.257	2148	2154	2171	rVB	1798908	2755901	72.46%	6.337%
20	15.398	2173	2178	2191	rBV	452693	718264	18.89%	1.651%
21	15.498	2191	2195	2204	rVB4	22923	42374	1.11%	0.097%
22	15.981	2273	2277	2287	rBV5	25855	57537	1.51%	0.132%
23	16.775	2408	2412	2418	rBV4	21755	41083	1.08%	0.094%
24	17.010	2446	2452	2458	rBV2	1490495	2325398	61.14%	5.347%
25	17.110	2463	2469	2481	rVB2	2010594	2979327	78.33%	6.850%
26	19.080	2800	2804	2810	rVB	160171	218193	5.74%	0.502%
27	19.416	2855	2861	2876	rBV	2534121	3775198	99.26%	8.680%
28	19.945	2949	2951	2959	rVB5	24532	39290	1.03%	0.090%
29	20.939	3116	3120	3127	rBV6	49967	124321	3.27%	0.286%
30	21.127	3149	3152	3156	rVB	75322	91211	2.40%	0.210%
31	21.215	3161	3167	3172	rBV	2335154	3117113	81.96%	7.167%
32	21.792	3262	3265	3269	rBV	48094	55329	1.45%	0.127%
33	22.245	3339	3342	3346	rVB2	59451	71222	1.87%	0.164%
34	22.739	3421	3426	3434	rBV2	510815	908567	23.89%	2.089%

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35	23.280	3511	3518	3531	rVB2	1973468	3803322	100.00%	8.745%
36	23.415	3534	3541	3553	rVB2	1552129	2978670	78.32%	6.849%
37	23.909	3620	3625	3633	rVB	195143	372723	9.80%	0.857%

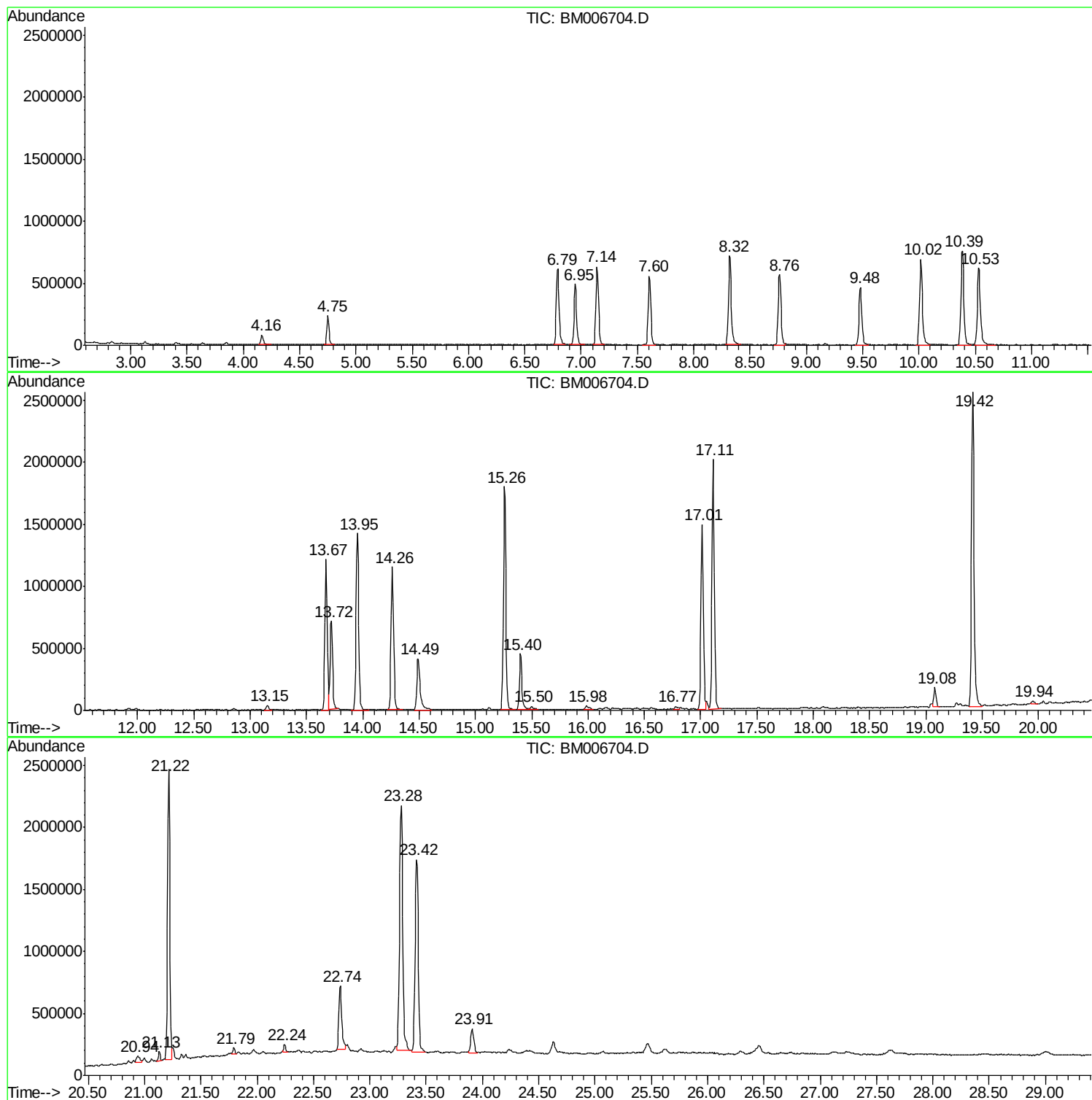
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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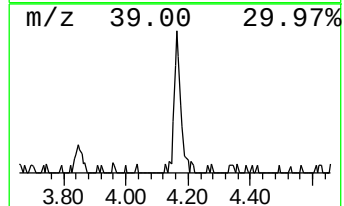
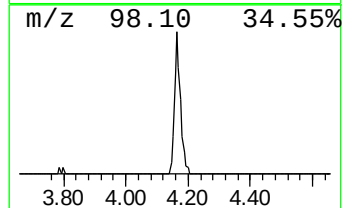
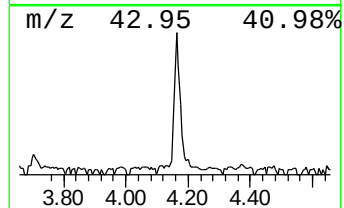
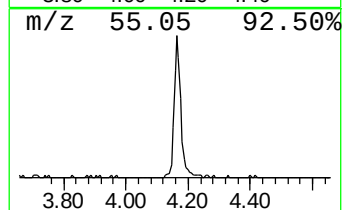
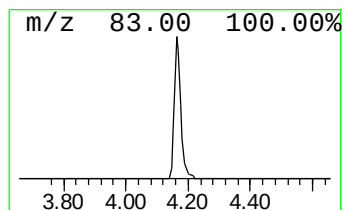
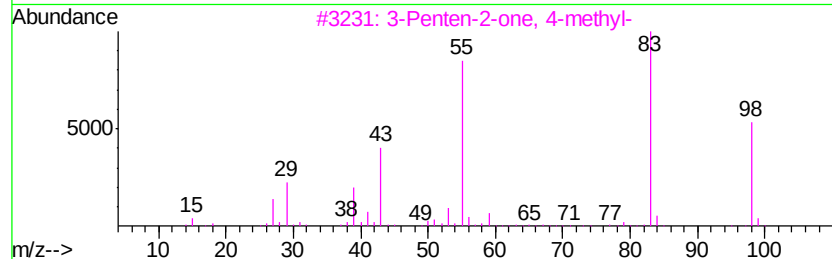
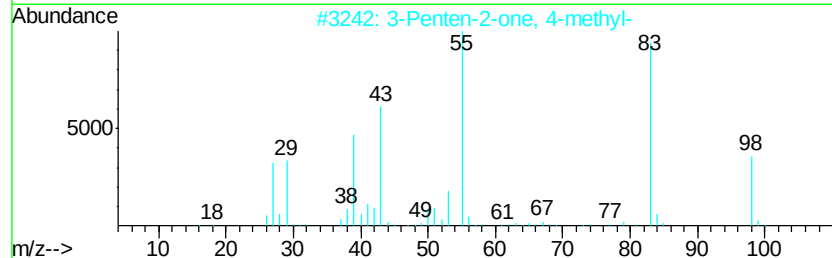
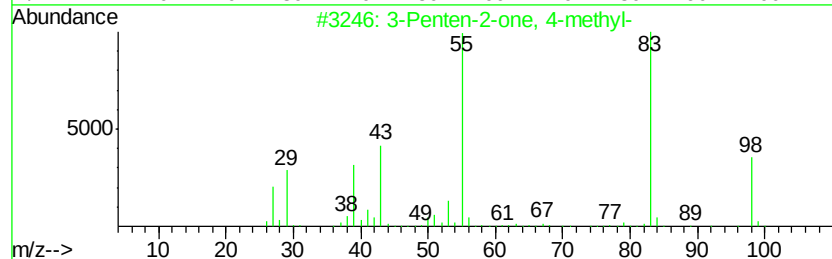
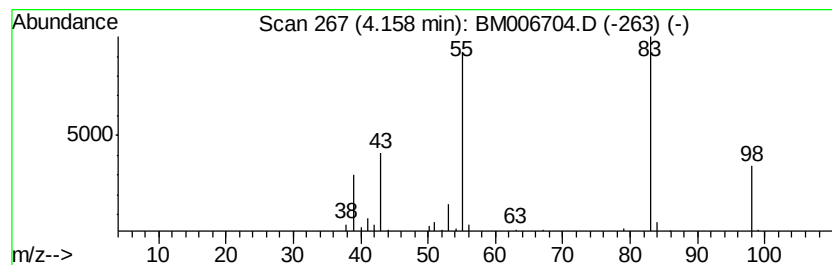
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	2.55 ng/ul	115077	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	93
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
4			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87



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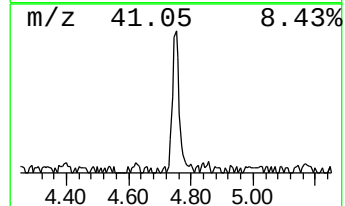
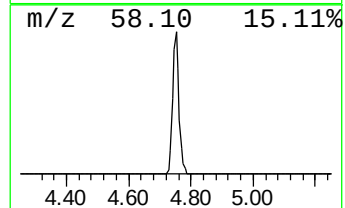
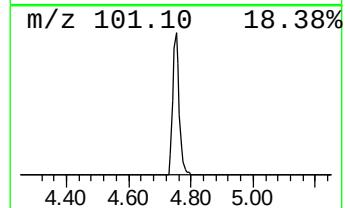
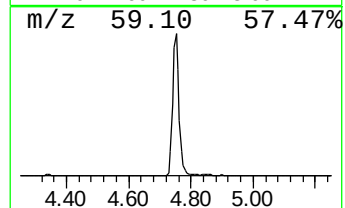
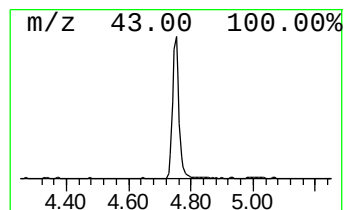
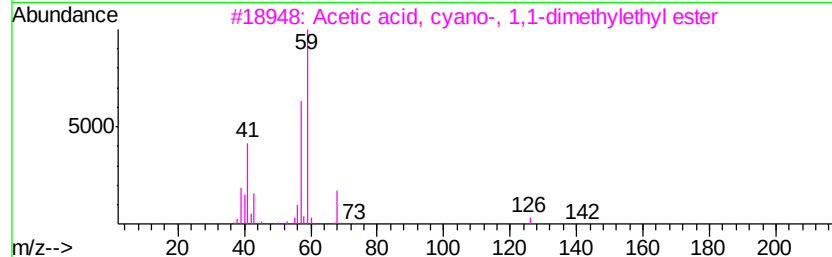
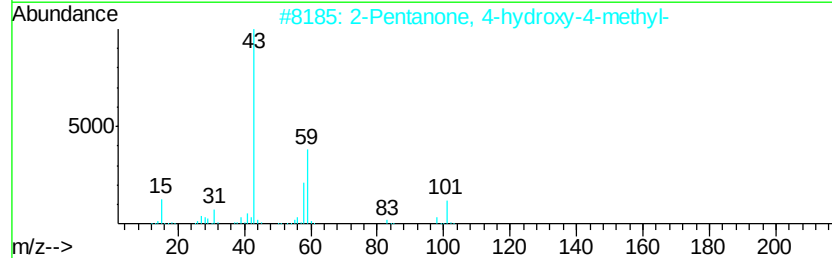
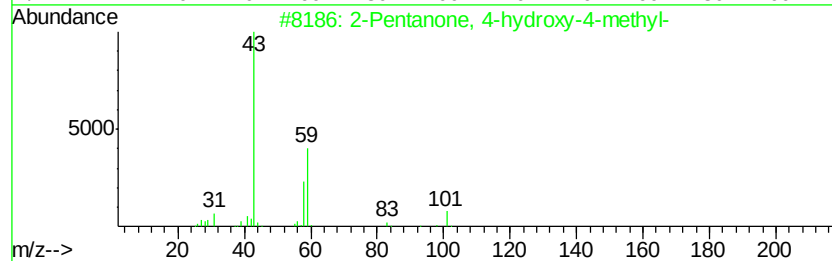
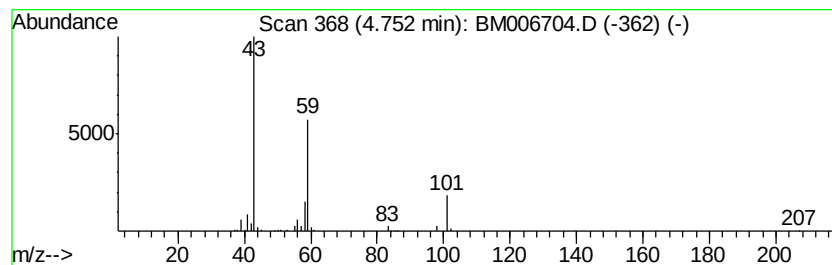
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.48 ng/ul	337512	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28



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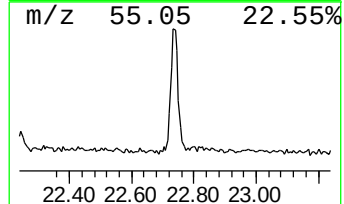
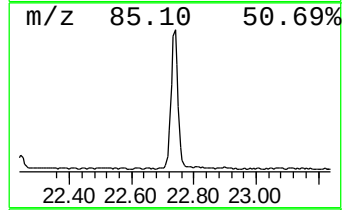
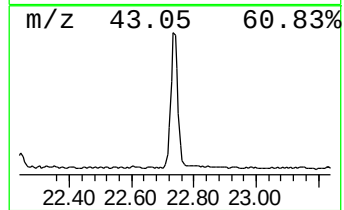
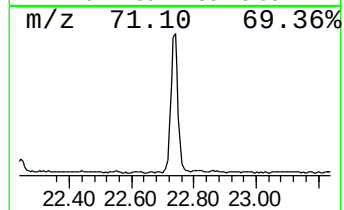
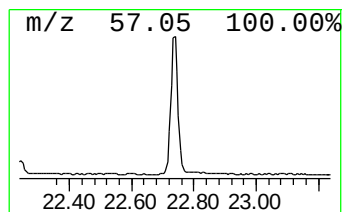
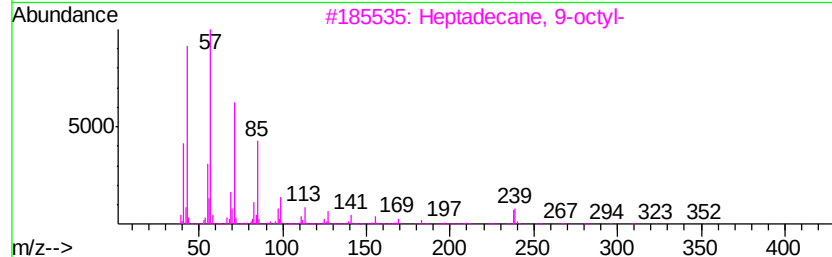
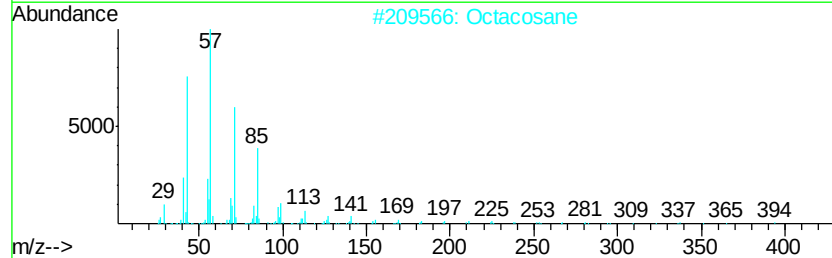
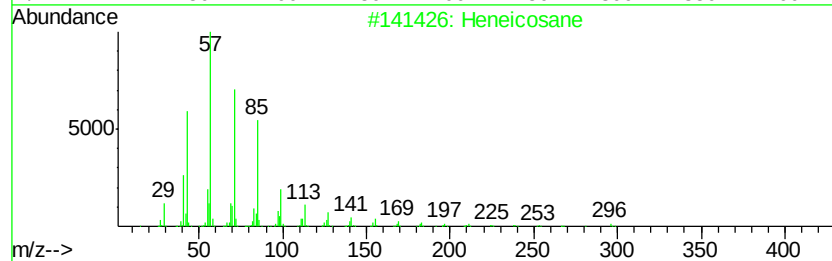
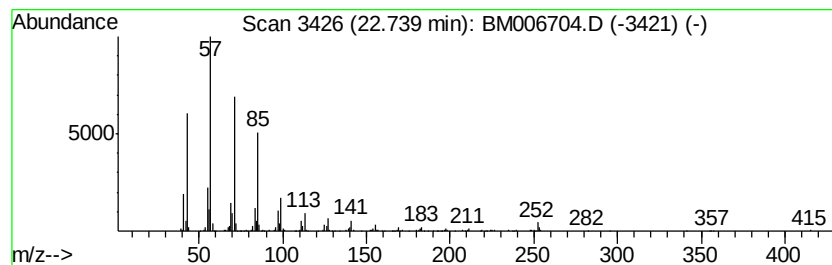
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	6.10 ng/ul	908567	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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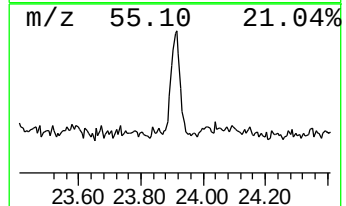
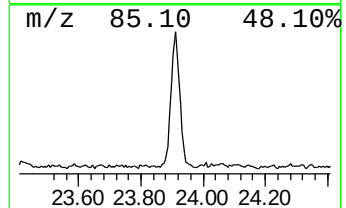
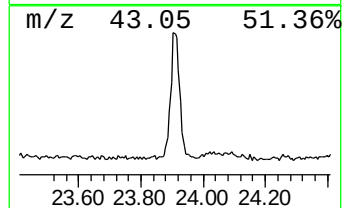
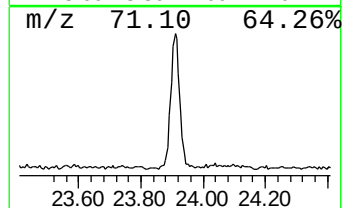
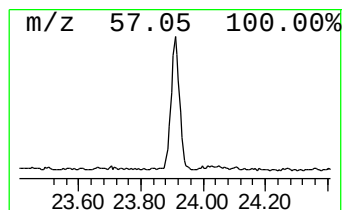
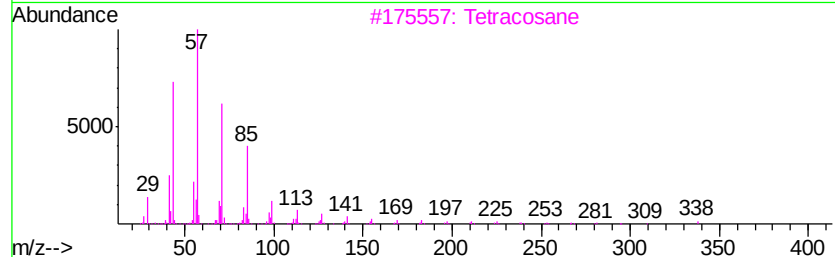
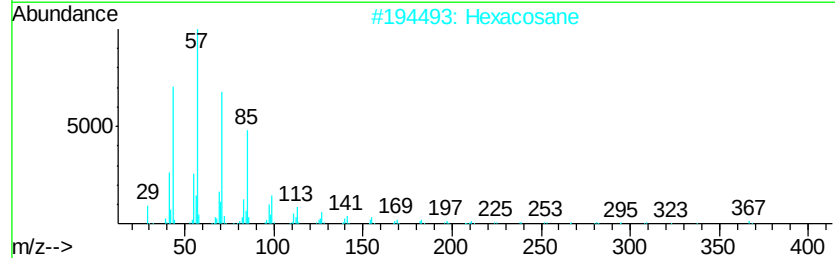
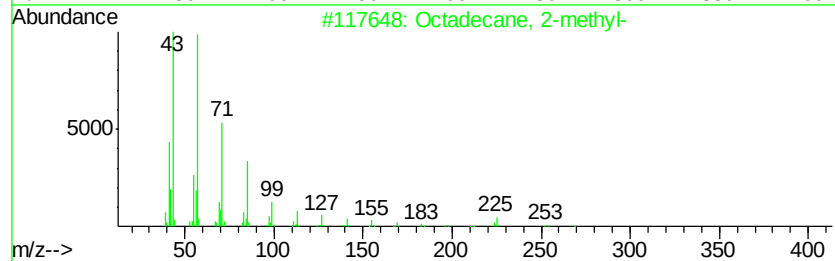
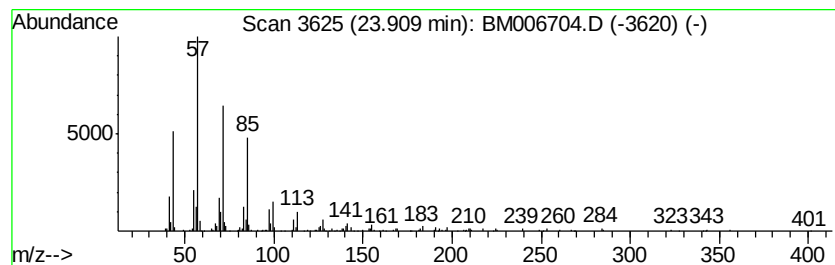
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.50 ng/ul	372723	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.16	2.5	ng/ul	115077	1	7.60	902260	20.0
2-Pentanone, 4-hy...	4.75	7.5	ng/ul	337512	1	7.60	902260	20.0
(DEL) Alkane: Str...	22.74	6.1	ng/ul	908567	6	23.42	2978670	20.0
(DEL) Alkane: Str...	23.91	2.5	ng/ul	372723	6	23.42	2978670	20.0