

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009798.D
 Acq On : 29 Apr 2017 01:51
 Operator : SJ/MA
 Sample : I2845-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSX1

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-BM042517.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	3.305	33	37	44	rVB3	42914	60559	1.59%	0.122%
2	3.640	91	94	102	rVB3	23018	43473	1.14%	0.088%
3	3.816	120	124	131	rVB	106580	140675	3.70%	0.284%
4	5.034	325	331	339	rBV	26087	44421	1.17%	0.090%
5	6.987	657	663	676	rVB	985074	1667874	43.91%	3.370%
6	7.157	686	692	705	rBV	743193	1122759	29.56%	2.268%
7	7.351	717	725	734	rBV	960593	1538564	40.50%	3.108%
8	7.822	797	805	810	rBV	805989	1297592	34.16%	2.622%
9	7.869	810	813	823	rVB3	41737	66299	1.75%	0.134%
10	8.528	917	925	934	rBV	1133475	1861123	48.99%	3.760%
11	8.987	995	1003	1015	rBV	953286	1580618	41.61%	3.193%
12	9.704	1117	1125	1138	rBV	747217	1292625	34.03%	2.612%
13	10.239	1207	1216	1230	rBV	1137705	1937859	51.01%	3.915%
14	10.616	1274	1280	1291	rVB	1103430	1855419	48.84%	3.749%
15	10.763	1296	1305	1318	rBV	633743	1155428	30.42%	2.334%
16	12.145	1536	1540	1546	rVB2	32930	51558	1.36%	0.104%
17	13.874	1823	1834	1839	rBV	1917259	2626701	69.15%	5.307%
18	13.922	1839	1842	1848	rVB	353224	456241	12.01%	0.922%
19	14.163	1876	1883	1890	rBV	2129981	3136851	82.57%	6.338%
20	14.339	1908	1913	1917	rBV2	63357	84200	2.22%	0.170%
21	14.469	1928	1935	1945	rBV2	1550025	2362023	62.18%	4.772%
22	14.680	1965	1971	1983	rBV	622058	1083321	28.52%	2.189%
23	14.839	1994	1998	2001	rBV5	38671	48245	1.27%	0.097%
24	15.292	2070	2075	2080	rVB	106051	138778	3.65%	0.280%
25	15.463	2097	2104	2111	rBV	2734026	3798815	100.00%	7.675%
26	15.592	2121	2126	2135	rBV	470909	665699	17.52%	1.345%
27	15.698	2135	2144	2149	rVV5	72127	132445	3.49%	0.268%
28	16.151	2215	2221	2224	rBV	129363	196704	5.18%	0.397%
29	16.598	2294	2297	2303	rVB8	28256	52974	1.39%	0.107%
30	16.951	2353	2357	2361	rBV	75874	98104	2.58%	0.198%
31	16.998	2361	2365	2369	rVV3	53922	78731	2.07%	0.159%
32	17.215	2397	2402	2409	rBV	1724848	2508546	66.03%	5.068%
33	17.315	2413	2419	2426	rVV	2719240	3788886	99.74%	7.655%
34	17.692	2479	2483	2487	rVB4	40439	56162	1.48%	0.113%

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35	18.092	2547	2551	2561	rBV2	300889	463449	12.20%	0.936%
36	19.374	2766	2769	2773	rBV5	75467	96441	2.54%	0.195%
37	19.609	2804	2809	2815	rBV	2498307	3473213	91.43%	7.017%
38	20.109	2891	2894	2900	rBV8	159474	289190	7.61%	0.584%
39	21.086	3056	3060	3066	rBV2	639234	850465	22.39%	1.718%
40	21.398	3109	3113	3120	rVB	1658269	2058884	54.20%	4.160%
41	23.568	3477	3482	3489	rVB2	1632717	3215894	84.66%	6.497%
42	23.715	3503	3507	3515	rVB	1112024	2017762	53.12%	4.077%

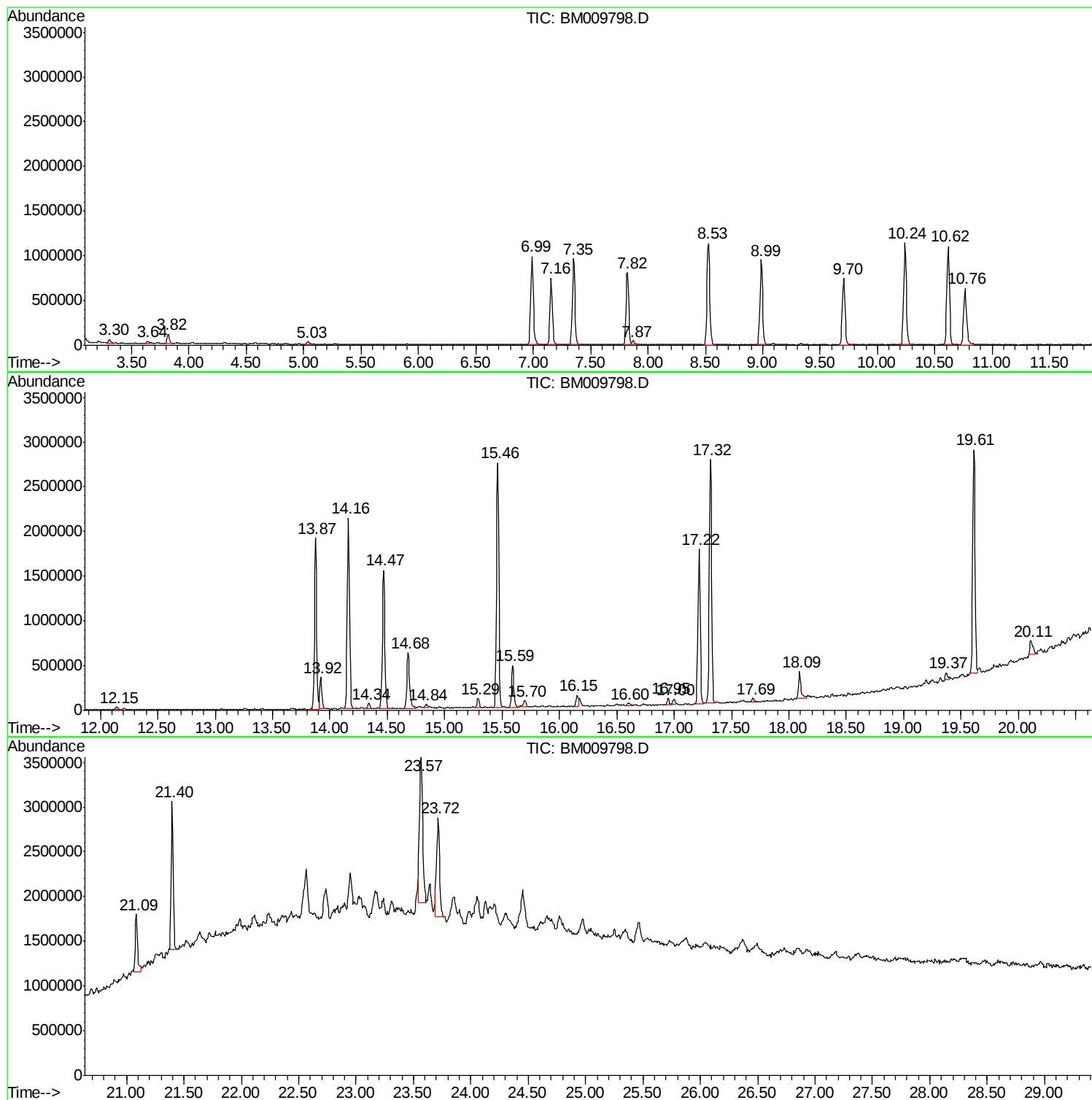
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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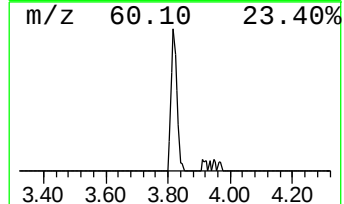
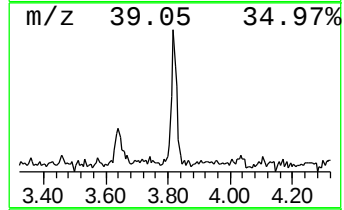
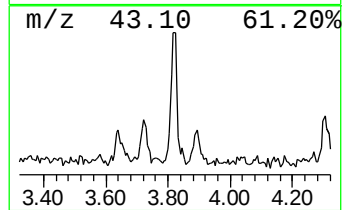
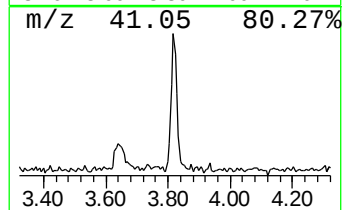
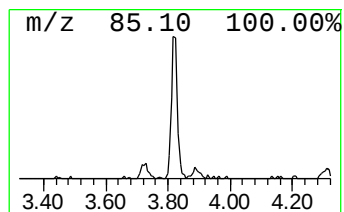
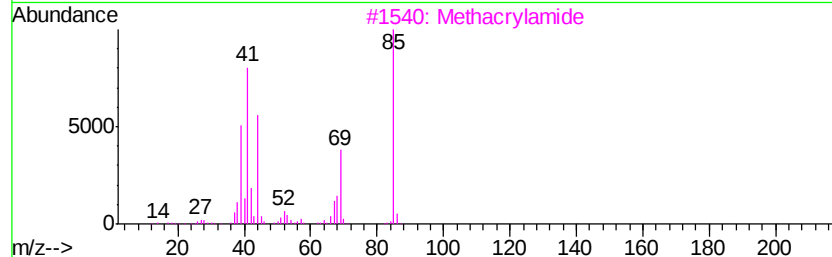
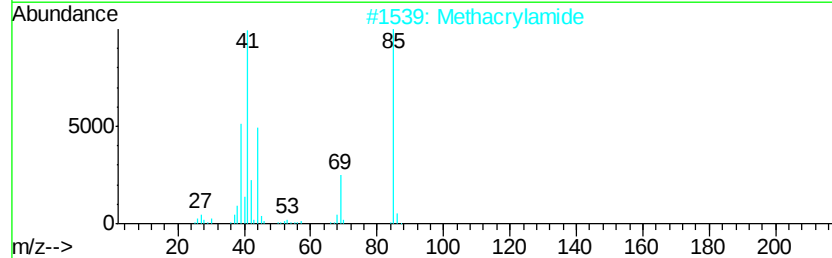
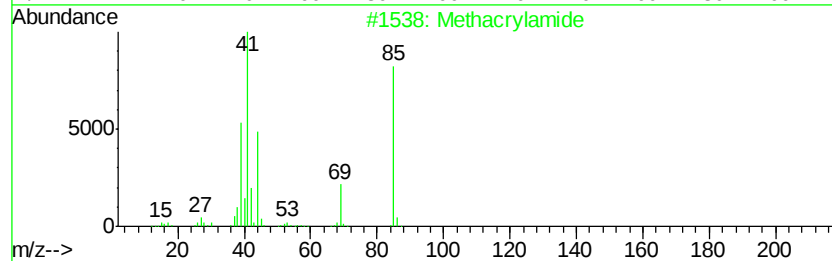
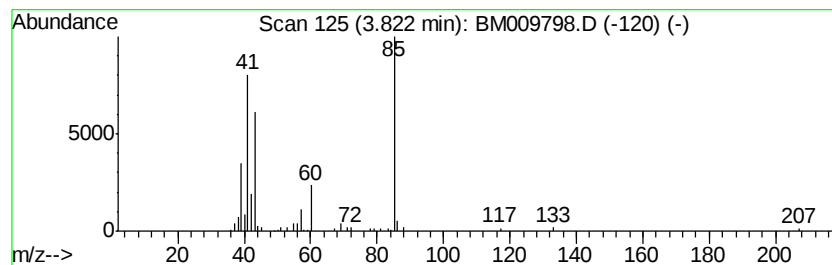
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.17 ng/ul	140675	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	83
2		Methacrylamide	85	C4H7NO	000079-39-0	83
3		Methacrylamide	85	C4H7NO	000079-39-0	59
4		trans-Crotonamide	85	C4H7NO	000625-37-6	59
5		2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	53



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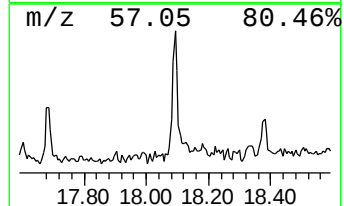
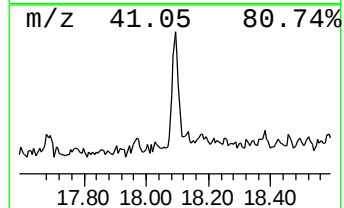
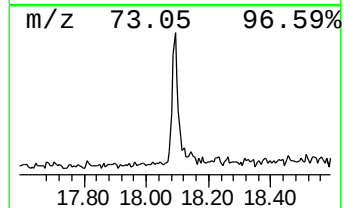
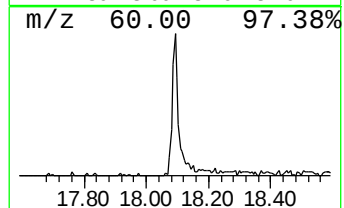
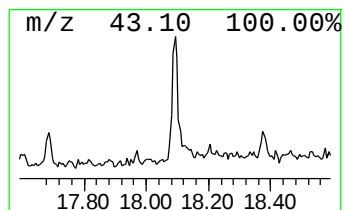
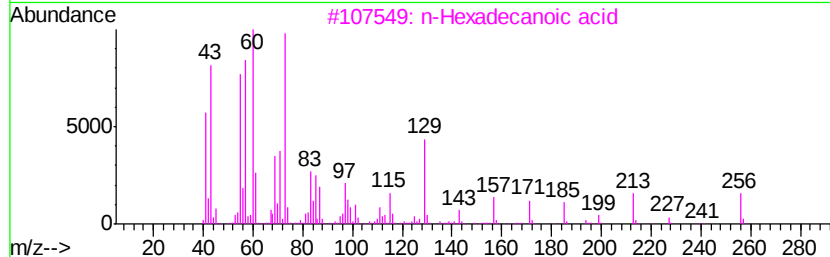
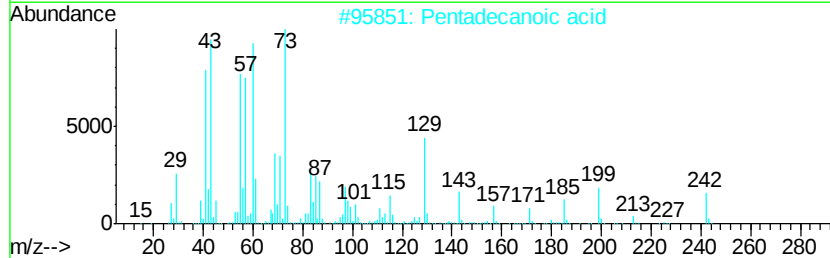
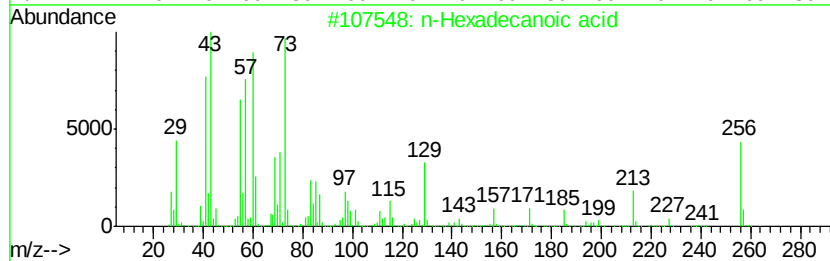
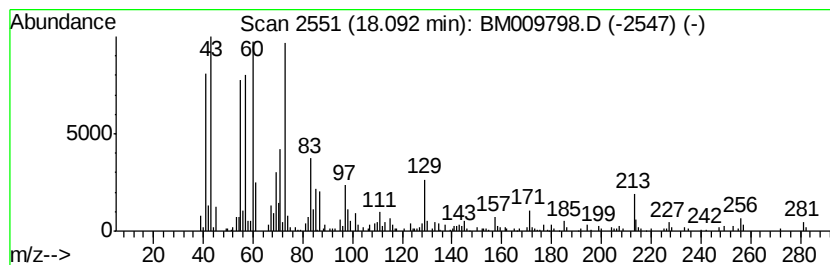
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	3.69 ng/ul	463449	Phenanthrene-d10		17.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	87
5	Tridecanoic acid		214	C13H26O2	000638-53-9	86



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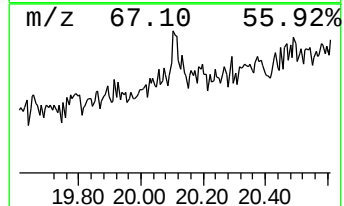
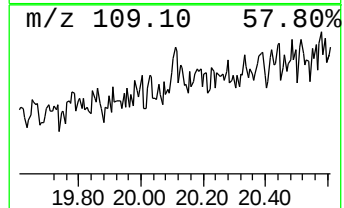
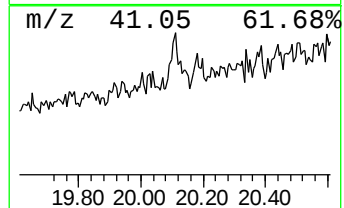
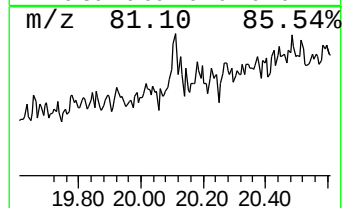
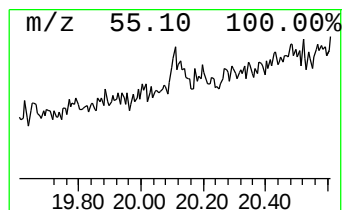
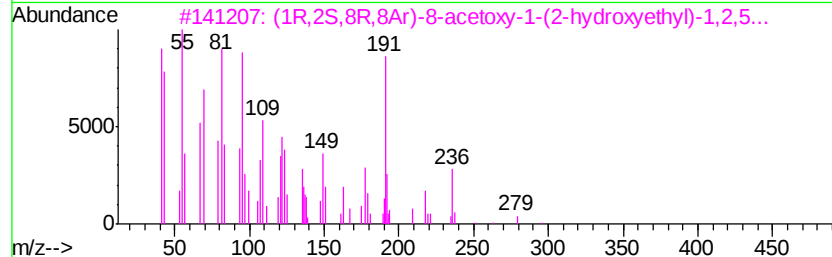
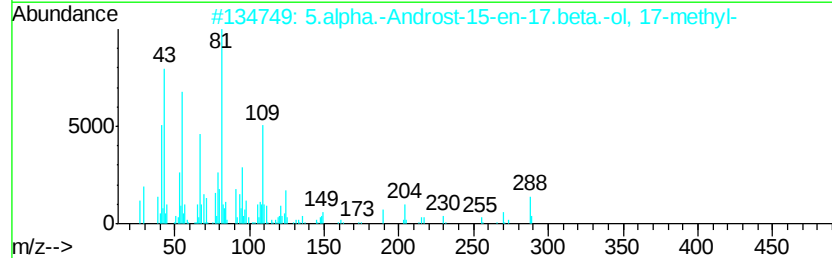
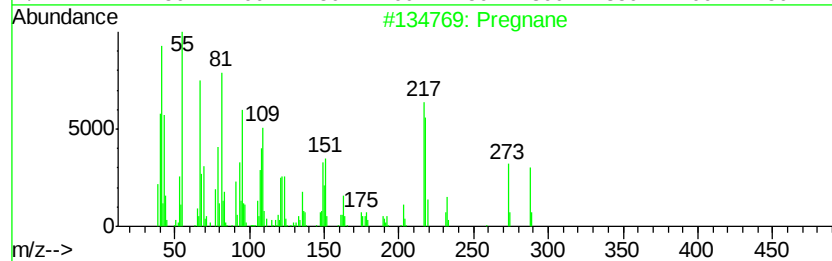
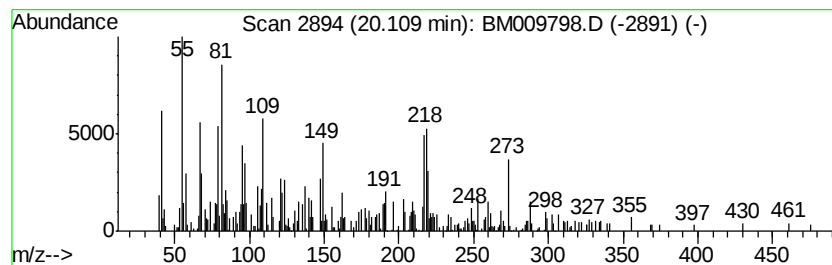
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.81 ng/ul	289190	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pregnane		288 C21H36	000481-26-5 47
2	5.alpha.-Androst-15-en-17.beta.-...		288 C20H32O	013864-65-8 46
3	(1R,2S,8R,8Ar)-8-acetoxv-1-(2-hv...		296 C18H32O3	1000298-98-4 38
4	1-Naphthalenepropanol, .alpha.-e...		308 C20H36O2	1000029-38-3 35
5	Methyl 7-(2-furyl)heptanoate		210 C12H18O3	098188-02-4 30



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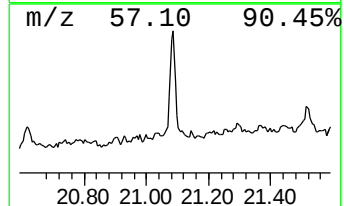
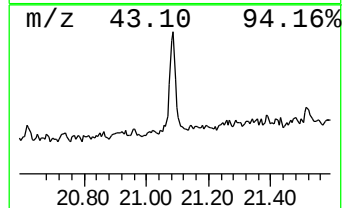
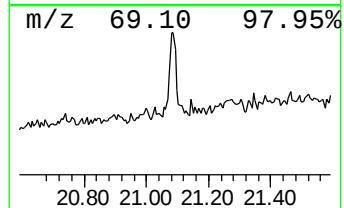
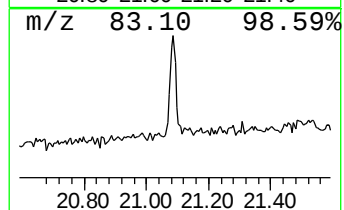
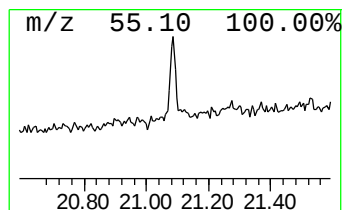
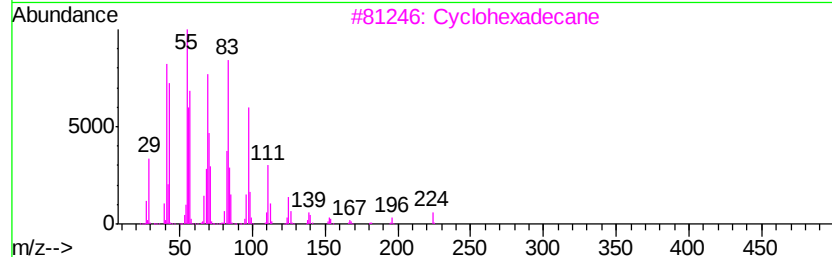
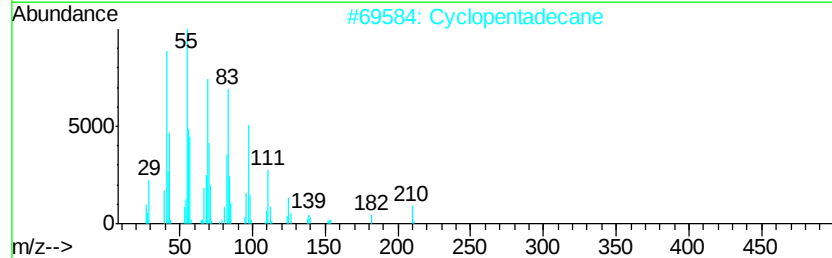
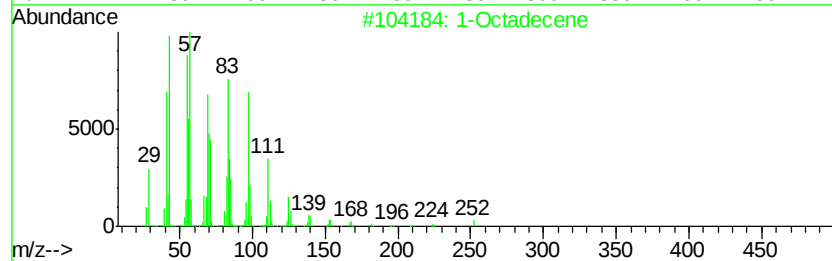
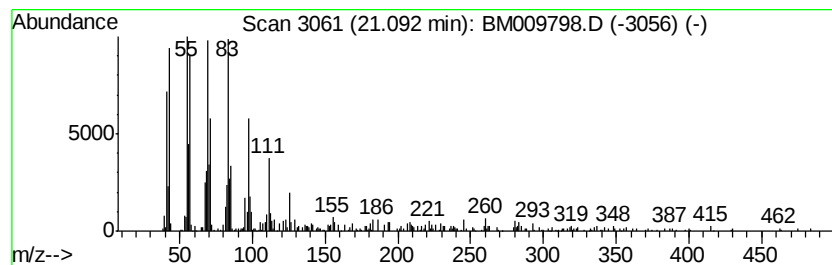
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Peak Number 4 (DEL) Alkane: Cyclic21.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.26 ng/ul	850465	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	97
2		Cyclopentadecane	210	C15H30	000295-48-7	96
3		Cyclohexadecane	224	C16H32	000295-65-8	96
4		Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	95
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
Methacrylamide	3.82	2.2	ng/ul	140675	1	7.82	1297590	20.0
n-Hexadecanoic acid	18.09	3.7	ng/ul	463449	4	17.22	2508550	20.0
unknown-01	20.11	2.8	ng/ul	289190	5	21.40	2058880	20.0
(DEL) Alkane: Cyc...	21.09	8.3	ng/ul	850465	5	21.40	2058880	20.0