

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036797.D
 Acq On : 18 Sep 2018 22:24
 Operator : JU/SJ
 Sample : J4922-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.616	391	396	404	rBV	32878	53184	4.04%	0.633%
2	7.203	657	666	677	rBV2	26197	65067	4.94%	0.774%
3	7.579	723	730	737	rBV2	51254	91013	6.91%	1.083%
4	8.049	801	810	816	rBV	153045	254027	19.30%	3.022%
5	8.372	858	865	874	rVB	175661	303171	23.03%	3.607%
6	9.206	999	1007	1016	rBV	155333	279342	21.22%	3.324%
7	9.289	1016	1021	1032	rVB3	10249	19672	1.49%	0.234%
8	10.264	1180	1187	1194	rBV	48966	88174	6.70%	1.049%
9	10.851	1279	1287	1294	rBV	219657	385453	29.28%	4.586%
10	13.296	1692	1703	1710	rBV	433279	739666	56.19%	8.801%
11	14.118	1835	1843	1853	rBV	186790	277190	21.06%	3.298%
12	14.671	1931	1937	1946	rBV2	365362	607090	46.12%	7.223%
13	14.941	1979	1983	1990	rVB2	11949	18277	1.39%	0.217%
14	16.157	2185	2190	2198	rVB3	94593	151400	11.50%	1.801%
15	17.414	2398	2404	2411	rBV2	554198	858880	65.24%	10.219%
16	17.814	2468	2472	2477	rBV3	8094	16509	1.25%	0.196%
17	17.902	2479	2487	2491	rBV6	6826	13381	1.02%	0.159%
18	18.302	2550	2555	2567	rBV2	113992	199849	15.18%	2.378%
19	19.095	2686	2690	2694	rBV6	13027	22610	1.72%	0.269%
20	19.571	2765	2771	2777	rBV5	34602	63923	4.86%	0.761%
21	19.847	2812	2818	2825	rBV4	25097	62276	4.73%	0.741%
22	20.023	2842	2848	2853	rBV	1000594	1316447	100.00%	15.663%
23	20.064	2853	2855	2861	rVB5	18295	24955	1.90%	0.297%
24	20.334	2897	2901	2904	rBV6	9261	18128	1.38%	0.216%
25	20.628	2949	2951	2957	rBV7	8017	13390	1.02%	0.159%
26	20.716	2964	2966	2971	rVB6	12874	16739	1.27%	0.199%
27	21.351	3070	3074	3090	rVB6	53494	178761	13.58%	2.127%
28	21.562	3108	3110	3114	rBV4	12870	18702	1.42%	0.223%
29	21.680	3124	3130	3139	rVB2	586494	990000	75.20%	11.779%
30	23.166	3381	3383	3390	rVB6	17414	32831	2.49%	0.391%
31	23.360	3411	3416	3422	rVB2	43496	81297	6.18%	0.967%
32	23.971	3517	3520	3528	rVB5	22273	41071	3.12%	0.489%
33	24.888	3666	3676	3692	rVB2	354455	1033385	78.50%	12.295%
34	26.692	3974	3983	3992	rBV2	23123	68863	5.23%	0.819%

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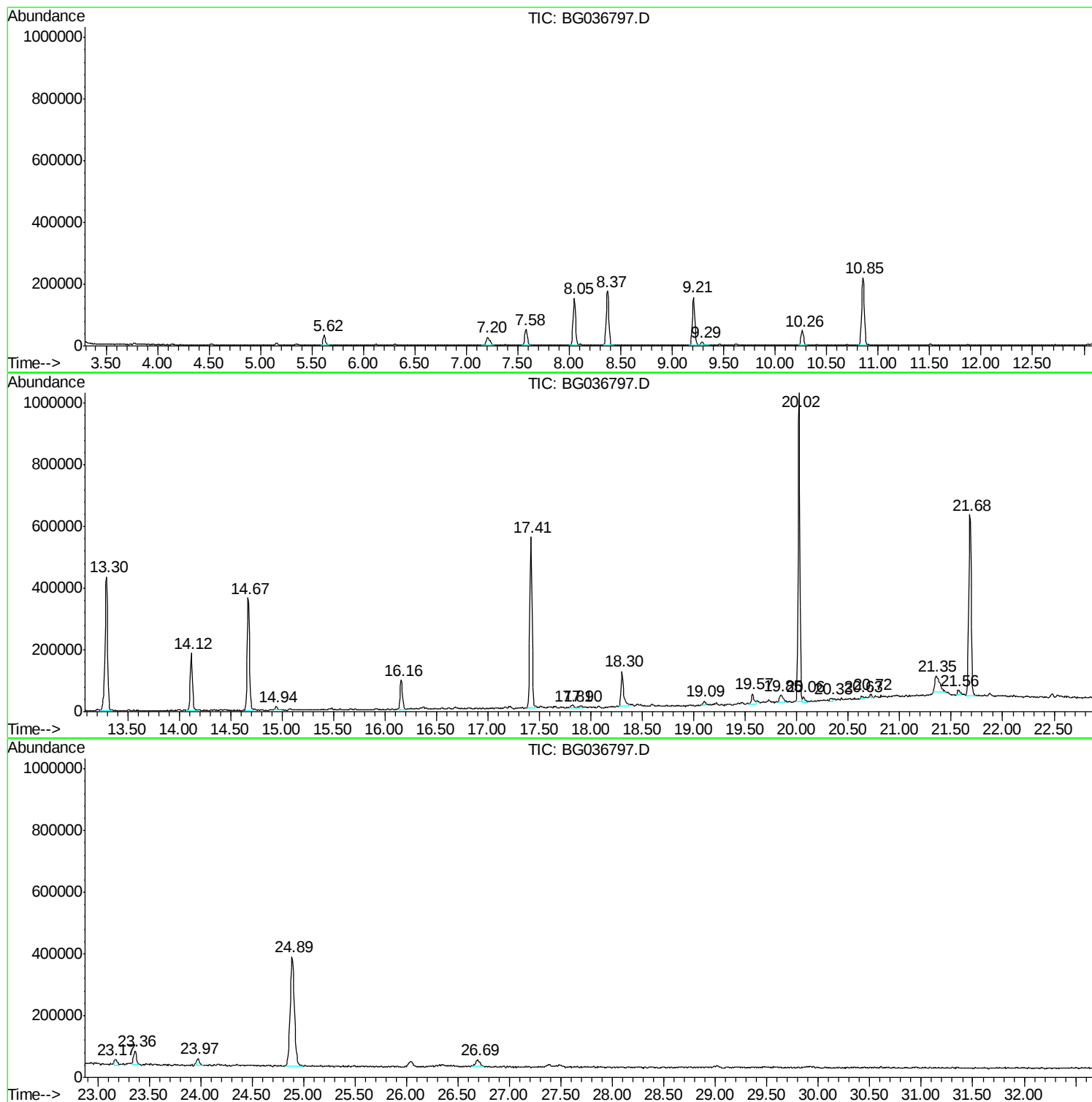
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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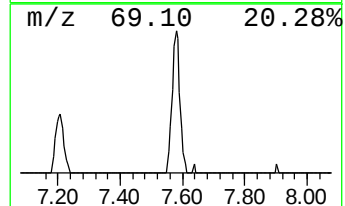
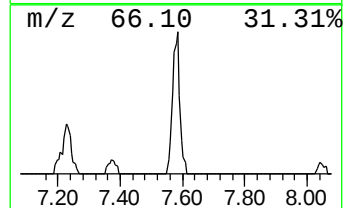
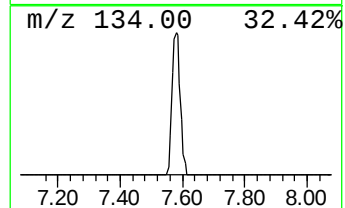
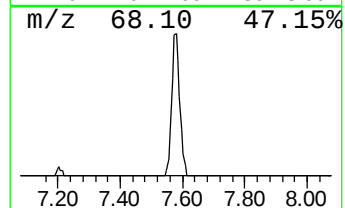
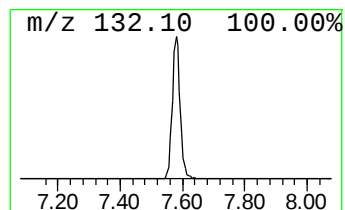
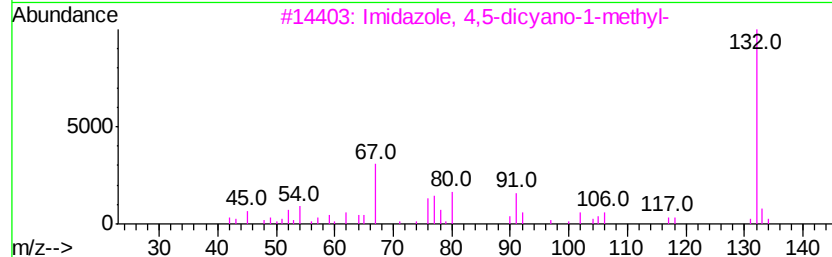
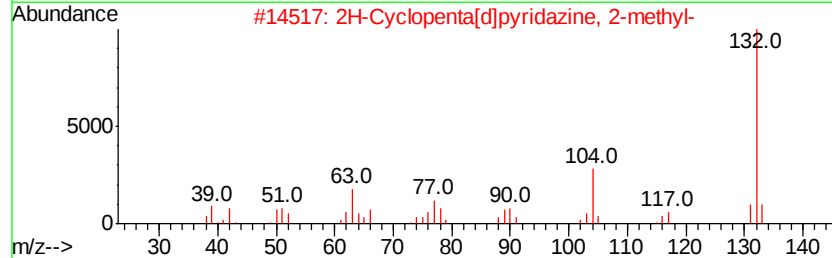
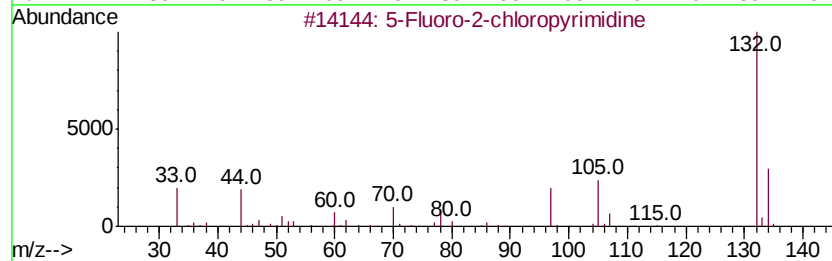
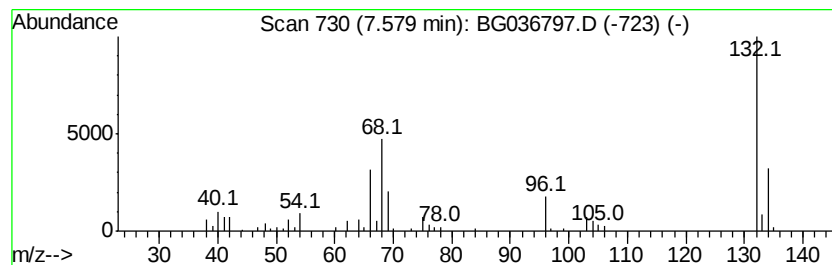
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	7.17 ng	91013	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
3			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	22
5			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17



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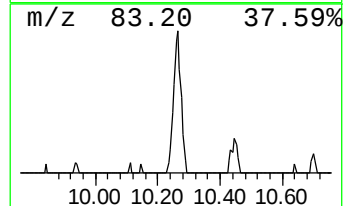
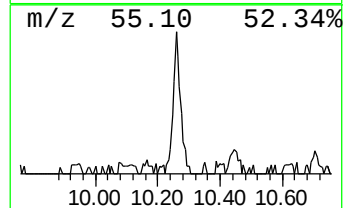
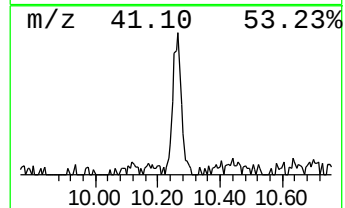
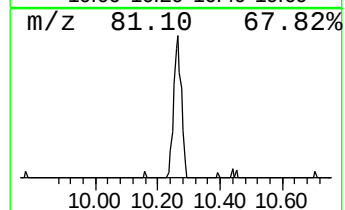
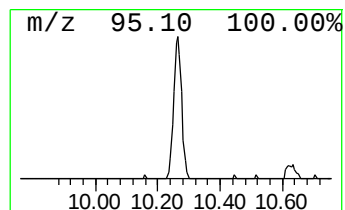
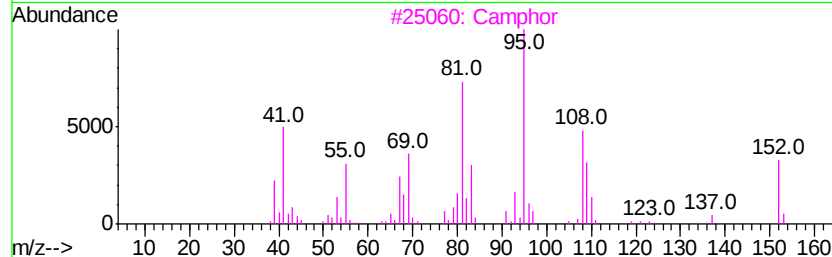
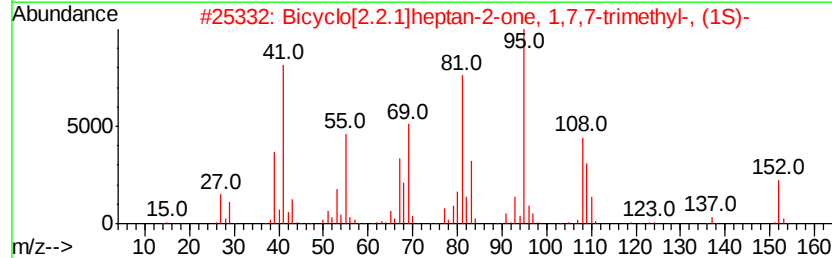
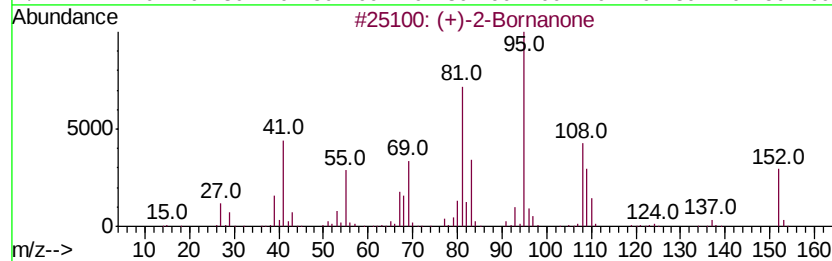
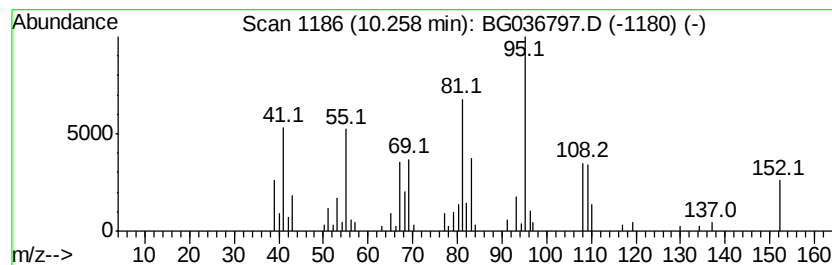
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Peak Number 3 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.58 ng	88174	Napthalene-d8	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-2-Bornanone	152 C10H16O	000464-49-3 97
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 97
3		Camphor	152 C10H16O	000076-22-2 96
4		Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152 C10H16O	062560-53-6 49
5		5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3 46



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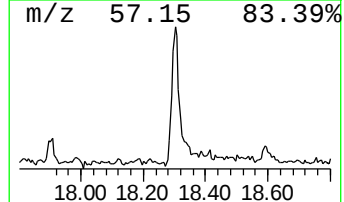
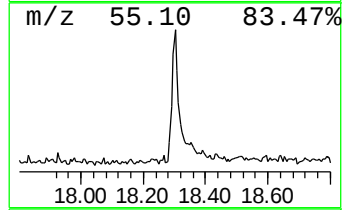
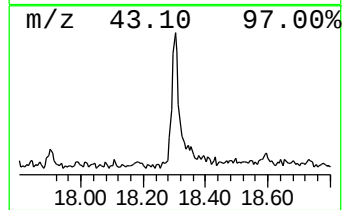
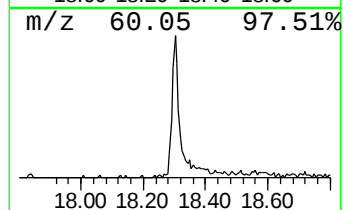
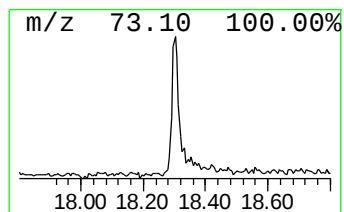
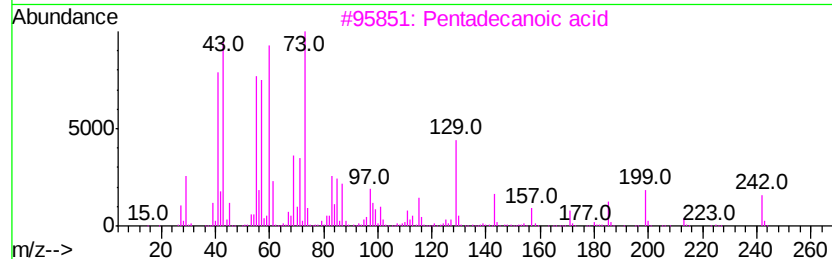
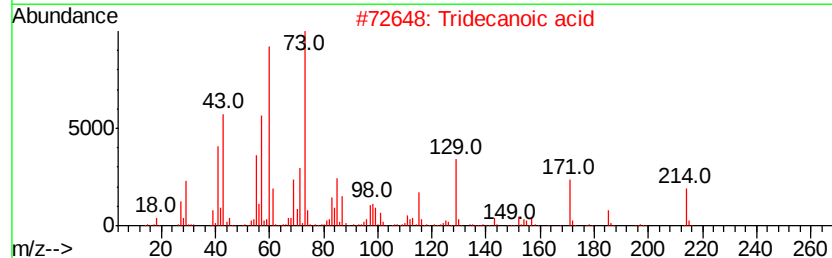
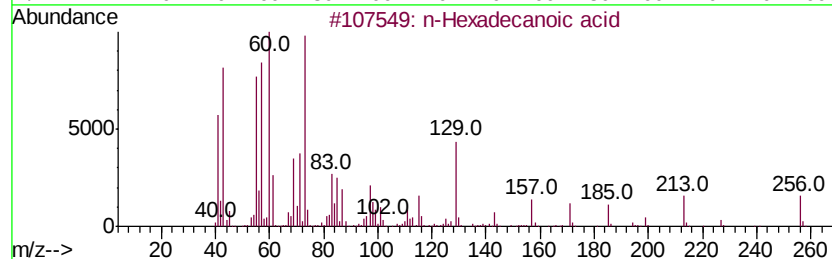
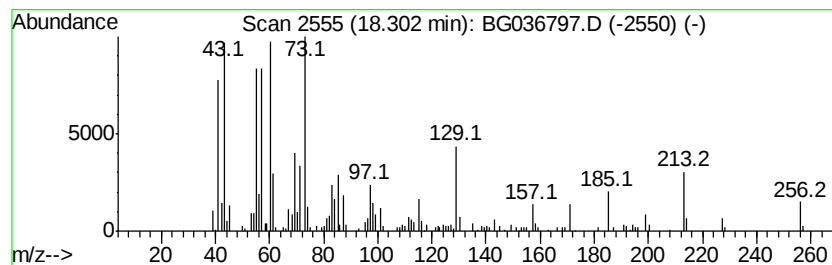
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.65 ng	199849	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52



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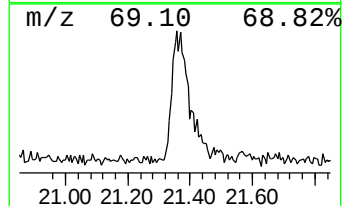
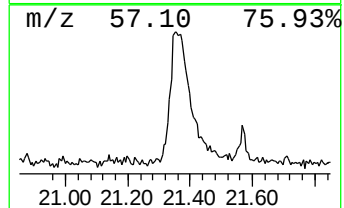
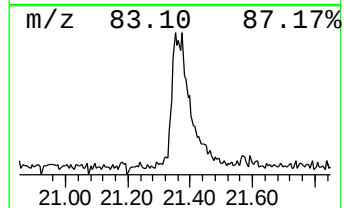
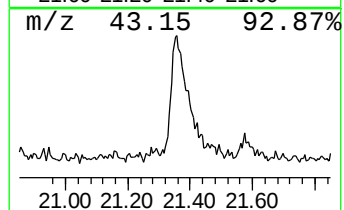
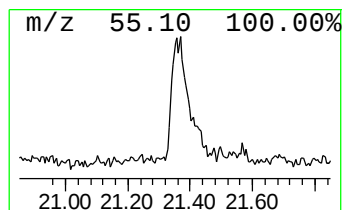
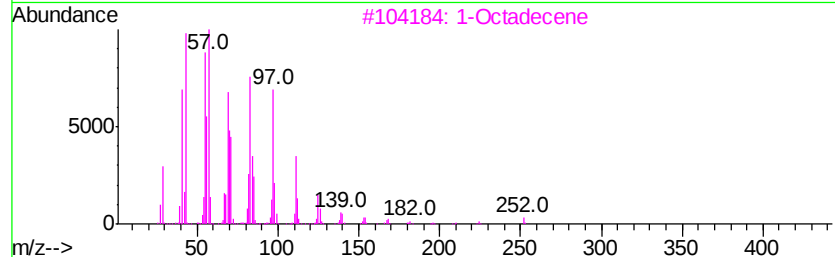
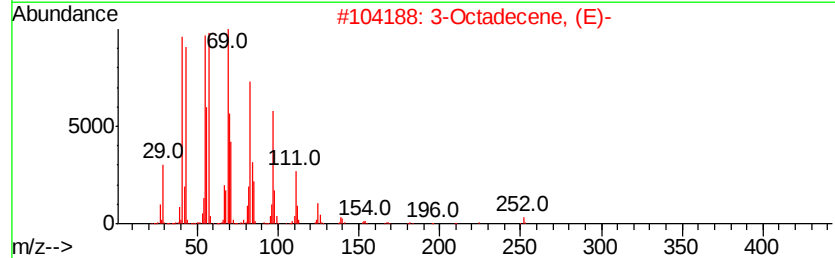
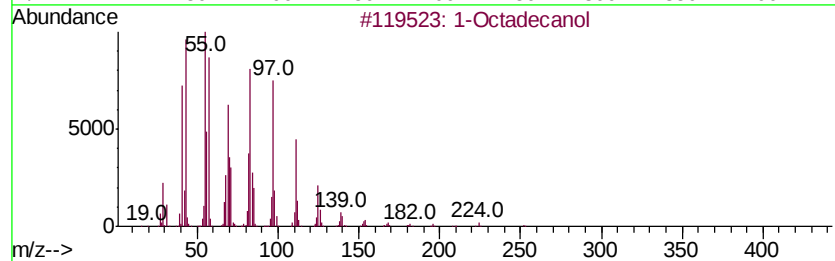
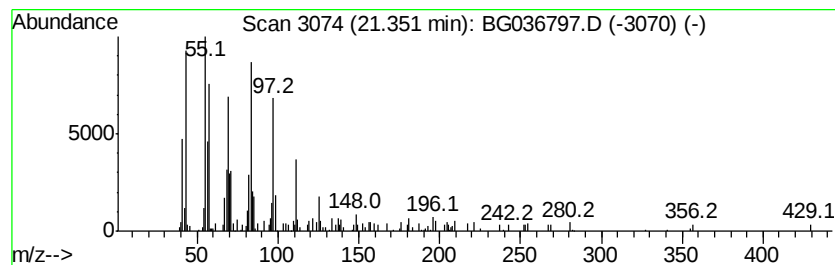
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Peak Number 5 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.61 ng	178761	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol		270	C18H38O	000112-92-5	90
2	3-Octadecene, (E)-		252	C18H36	007206-19-1	86
3	1-Octadecene		252	C18H36	000112-88-9	86
4	Cycloeicosane		280	C20H40	000296-56-0	83
5	1-Eicosene		280	C20H40	003452-07-1	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.58	7.58	7.2	ng	91013	1	8.05	254027	20.0
(+)-2-Bornanone	10.26	4.6	ng	88174	2	10.85	385453	20.0
n-Hexadecanoic acid	18.30	4.7	ng	199849	4	17.41	858880	20.0
1-Octadecanol	21.35	3.6	ng	178761	5	21.68	990000	20.0