

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028831.D
 Acq On : 20 Sep 2017 14:36
 Operator : SJ/JU
 Sample : I5113-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RL-1-0-12.25-SPLP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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	5.392	297	307	318	rBV	110376	174475	5.38%	1.281%
2	5.856	379	386	399	rBV	526502	876171	27.01%	6.432%
3	7.442	649	656	669	rBV	517135	930460	28.69%	6.830%
4	7.818	709	720	731	rBV	492715	887621	27.36%	6.516%
5	8.288	793	800	807	rBV2	111436	188179	5.80%	1.381%
6	8.612	847	855	866	rBV	357301	644648	19.87%	4.732%
7	9.458	991	999	1009	rBV	300967	570497	17.59%	4.188%
8	11.109	1273	1280	1287	rBV	141556	272033	8.39%	1.997%
9	13.529	1684	1692	1704	rBV	971994	1559447	48.08%	11.448%
10	14.904	1919	1926	1934	rBV3	254460	440499	13.58%	3.234%
11	16.397	2173	2180	2191	rBV	857743	1401699	43.21%	10.290%
12	17.660	2388	2395	2401	rBV2	420257	685173	21.12%	5.030%
13	17.854	2422	2428	2436	rVB	68782	108362	3.34%	0.795%
14	18.048	2455	2461	2470	rBV3	32649	75953	2.34%	0.558%
15	20.245	2827	2835	2843	rBV	2432892	3243698	100.00%	23.811%
16	21.984	3123	3131	3141	rBV	435044	794745	24.50%	5.834%
17	25.457	3705	3722	3736	rBV4	215379	768742	23.70%	5.643%

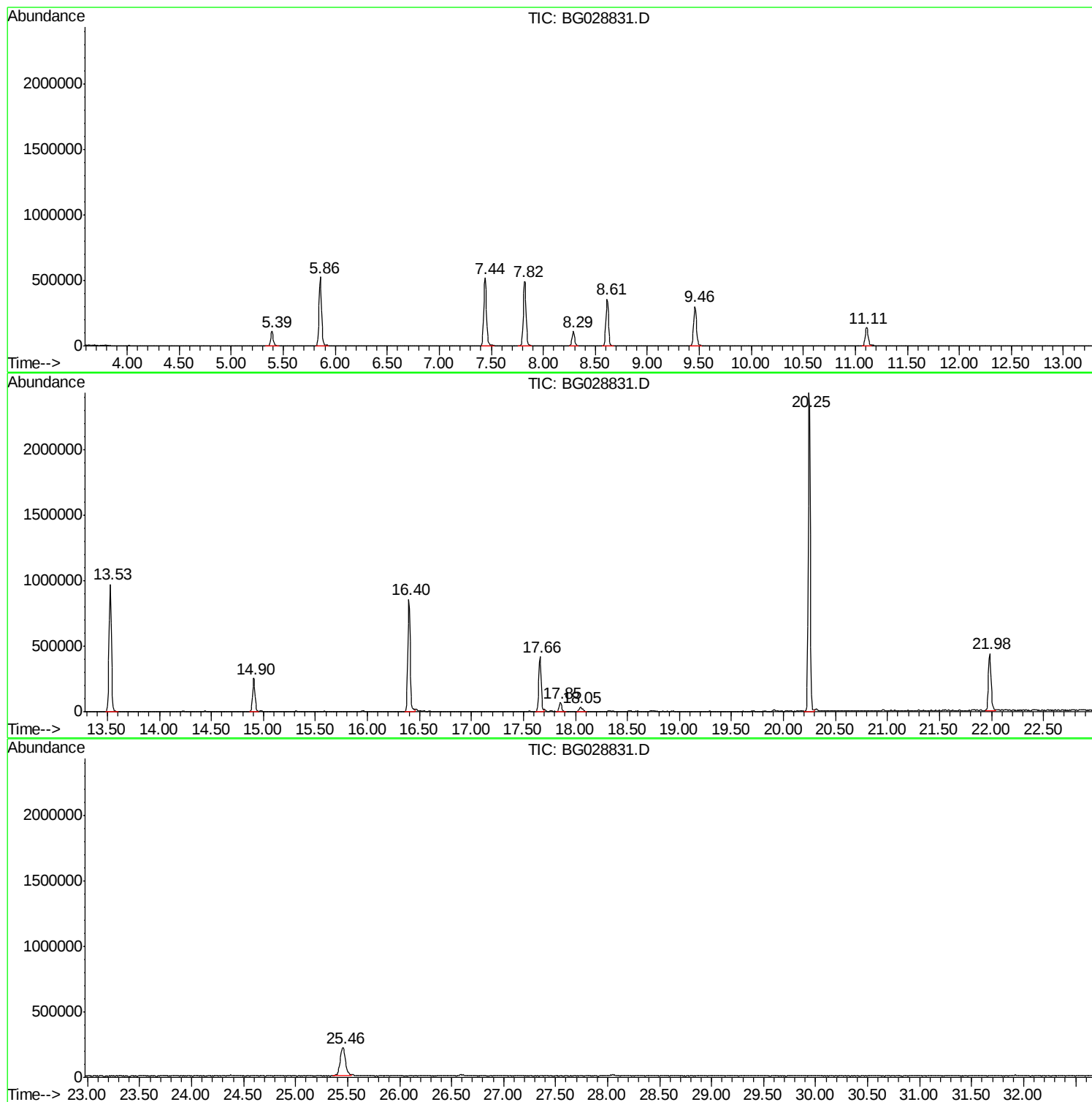
Sum of corrected areas: 13622402

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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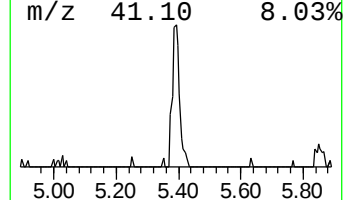
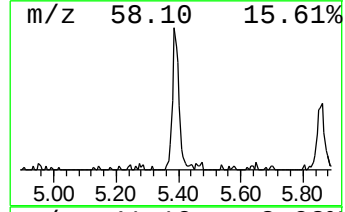
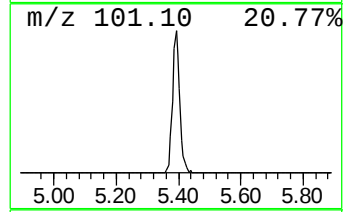
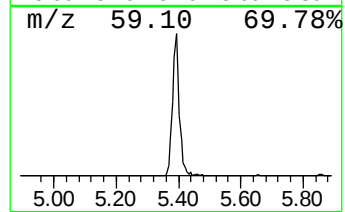
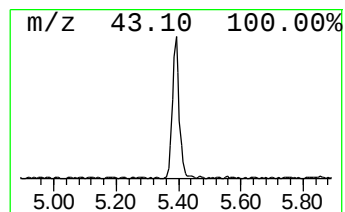
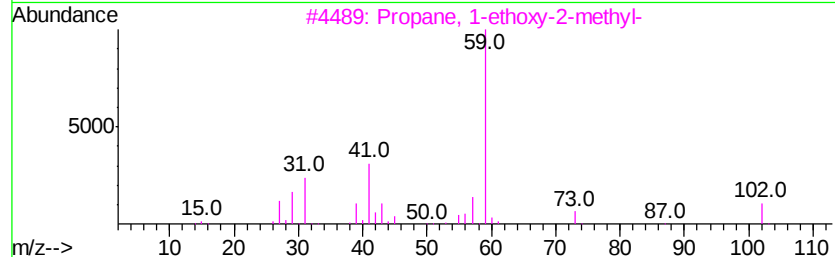
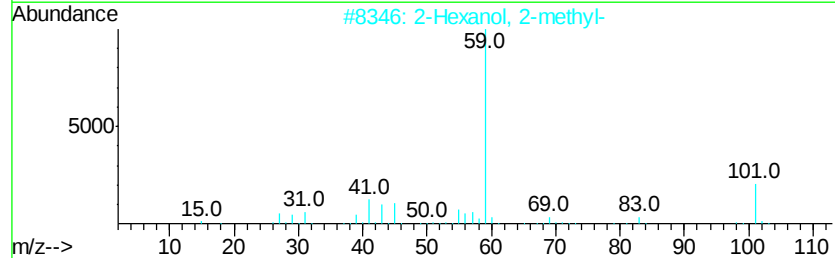
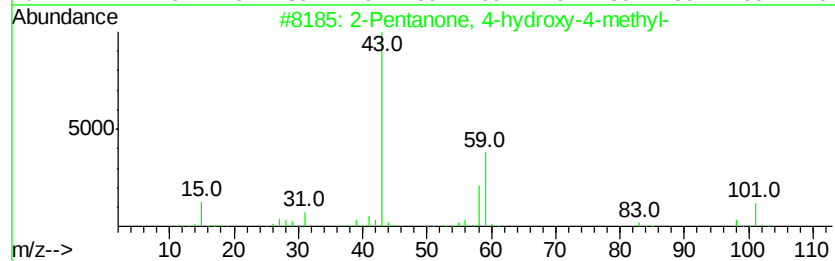
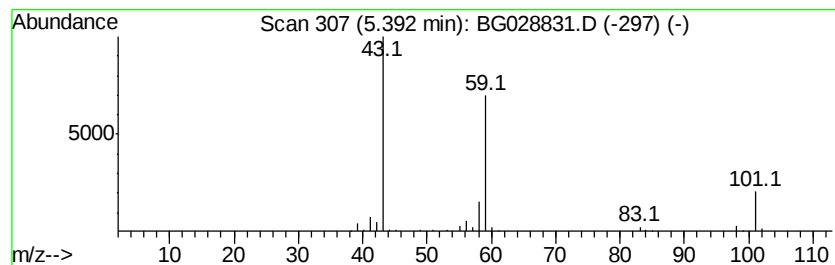
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	18.54 ng	174475	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4		3-Pentanol	88	C5H12O	000584-02-1	23
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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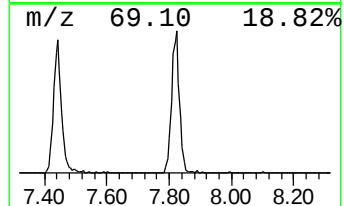
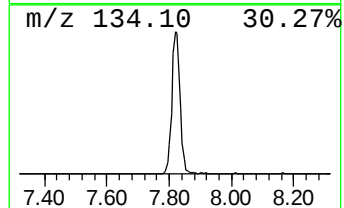
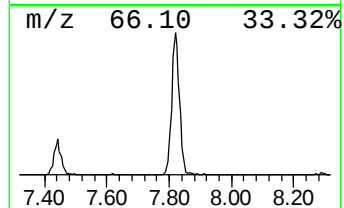
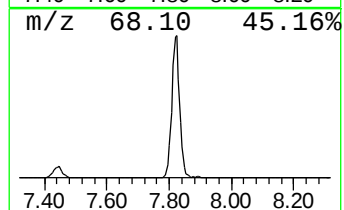
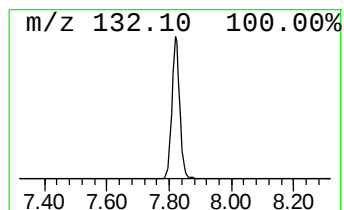
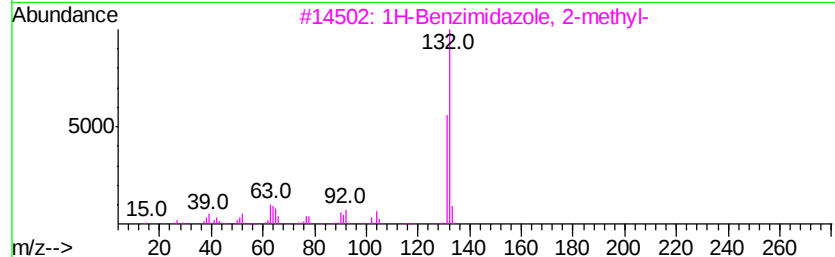
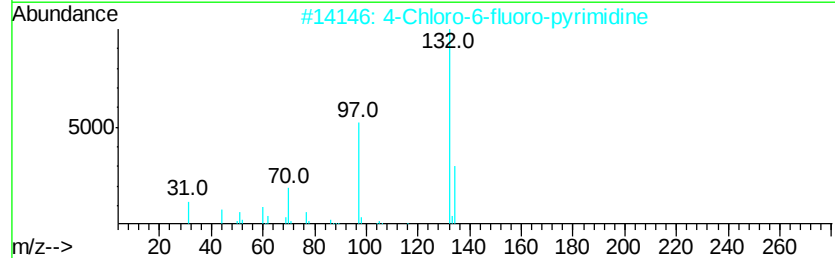
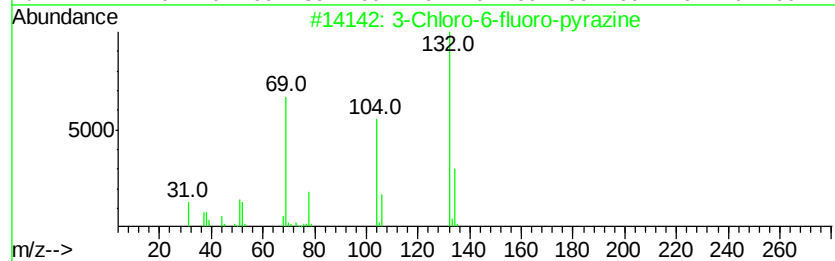
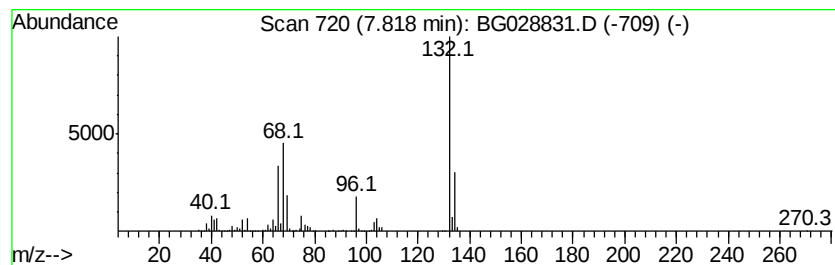
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Peak Number 2 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	94.34 ng	887621	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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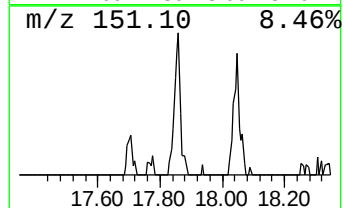
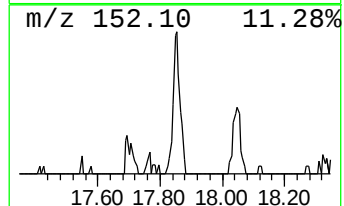
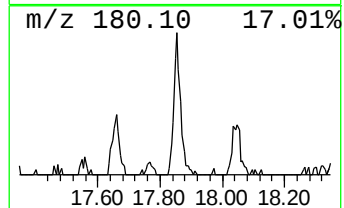
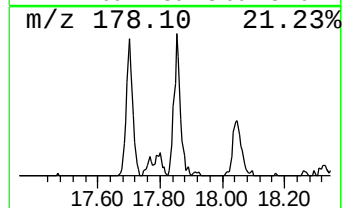
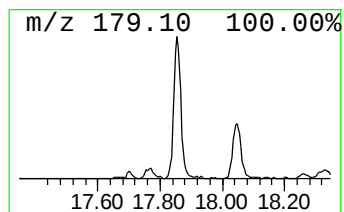
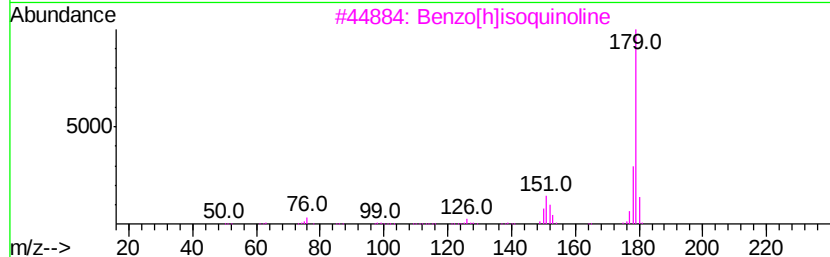
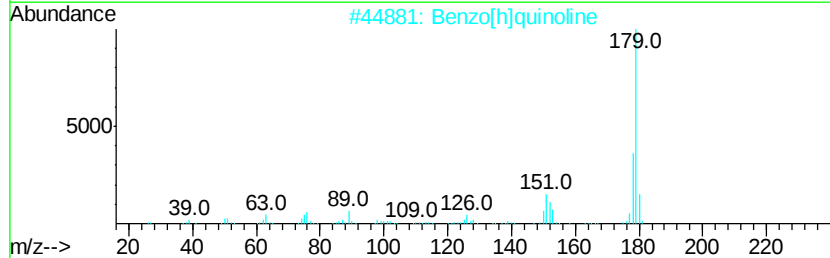
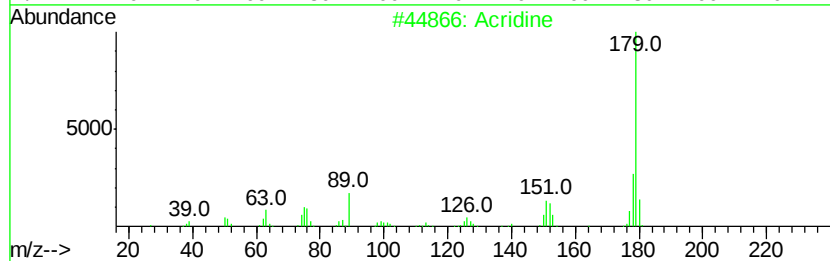
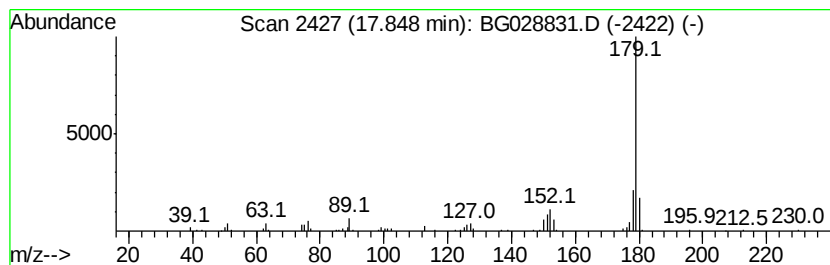
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Peak Number 4 Acridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.16 ng	108362	Phenanthrene-d10	17.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine		179	C13H9N	000260-94-6	91
2	Benzo[h]quinoline		179	C13H9N	000230-27-3	91
3	Benzo[h]isoquinoline		179	C13H9N	000229-71-0	87
4	Phenanthridine		179	C13H9N	000229-87-8	87
5	Benzo[f]quinoline		179	C13H9N	000085-02-9	86



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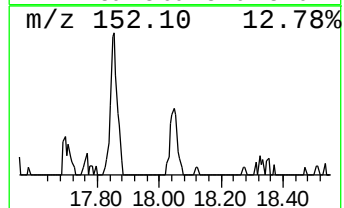
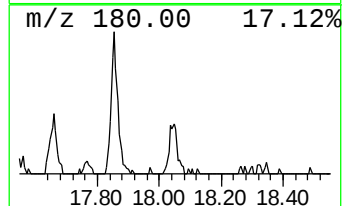
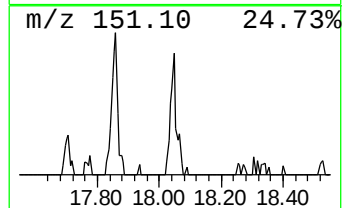
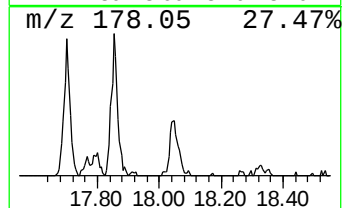
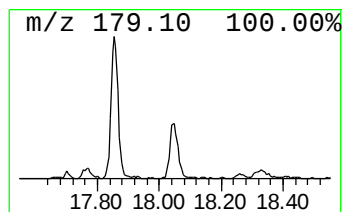
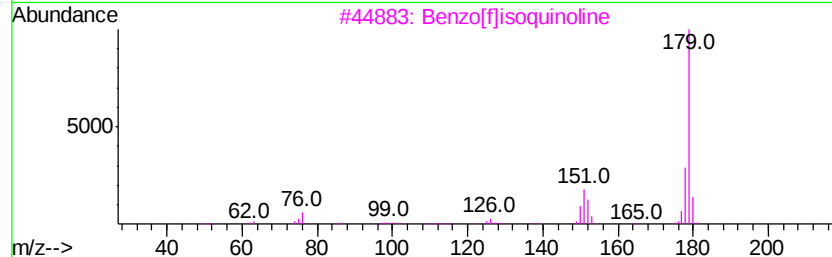
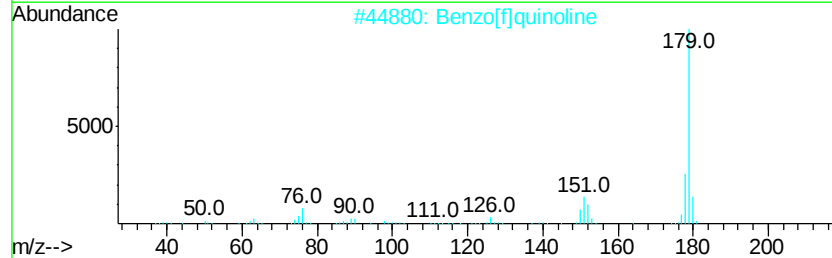
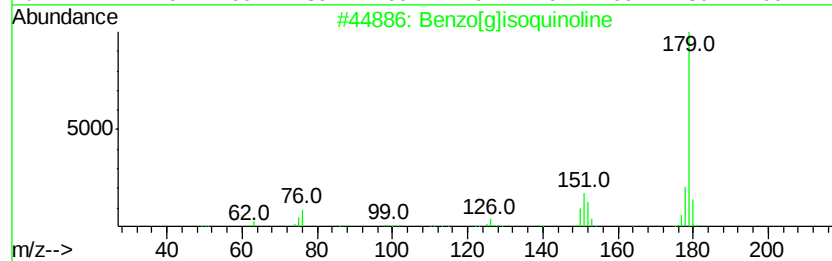
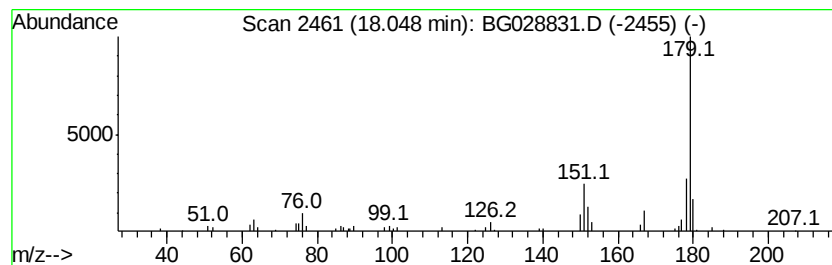
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Peak Number 5 Benzo[g]isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.22 ng	75953	Phenanthrene-d10	17.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]isoquinoline	179	C13H9N	000260-32-2	93
2		Benzo[f]quinoline	179	C13H9N	000085-02-9	93
3		Benzo[f]isoquinoline	179	C13H9N	000229-67-4	90
4		Phenanthridine	179	C13H9N	000229-87-8	87
5		Benzo[h]isoquinoline	179	C13H9N	000229-71-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.39	18.5	ng	174475	1	8.29	188179	20.0
unknown7.82	7.82	94.3	ng	887621	1	8.29	188179	20.0
Acridine	17.85	3.2	ng	108362	4	17.66	685173	20.0
Benzo[g]isoquinoline	18.05	2.2	ng	75953	4	17.66	685173	20.0