

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028645.D
 Acq On : 11 Sep 2017 17:12
 Operator : SJ/JU
 Sample : I5167-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS133061

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-BG090717.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	5.444	311	316	324	rBV2	41504	69862	1.40%	0.298%
2	5.909	388	395	411	rBV	419177	714780	14.37%	3.051%
3	7.489	655	664	678	rBV	241613	489642	9.84%	2.090%
4	7.871	721	729	741	rBV	729335	1303216	26.20%	5.563%
5	8.335	801	808	815	rBV	143964	249987	5.02%	1.067%
6	8.658	855	863	873	rBV	612645	1110363	22.32%	4.740%
7	9.504	997	1007	1016	rBV	534700	986934	19.84%	4.213%
8	10.550	1179	1185	1191	rBV4	33574	62534	1.26%	0.267%
9	11.155	1279	1288	1298	rBV	185593	354306	7.12%	1.512%
10	12.078	1433	1445	1460	rBV	403603	928958	18.67%	3.966%
11	13.564	1691	1698	1708	rVB	1611012	2515725	50.57%	10.739%
12	14.945	1925	1933	1942	rBV2	321881	550109	11.06%	2.348%
13	15.662	2047	2055	2064	rBV	3217228	4975025	100.00%	21.237%
14	16.437	2177	2187	2202	rBV	1439810	2351149	47.26%	10.037%
15	17.695	2394	2401	2411	rVB2	470347	733129	14.74%	3.130%
16	20.280	2834	2841	2849	rBV	3245183	4345695	87.35%	18.551%
17	22.025	3131	3138	3145	rBV	480809	867480	17.44%	3.703%
18	25.533	3724	3735	3748	rVB	269229	816882	16.42%	3.487%

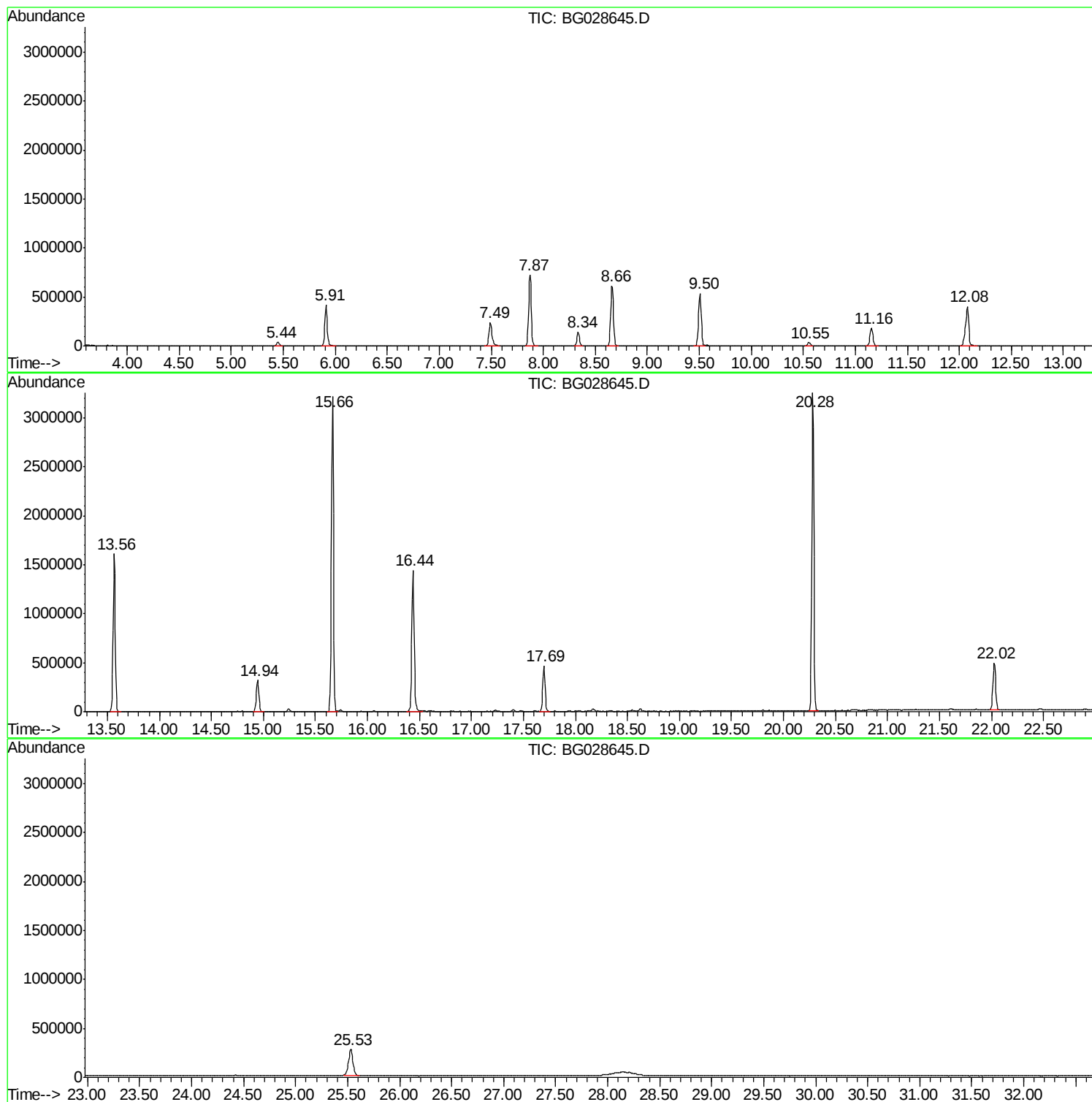
Sum of corrected areas: 23425776

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TIC Library : C:\Database\NIST11.L
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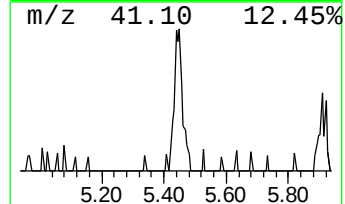
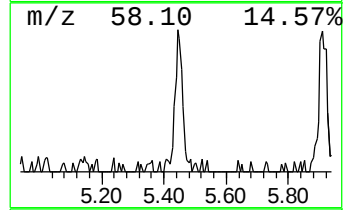
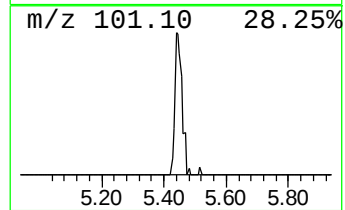
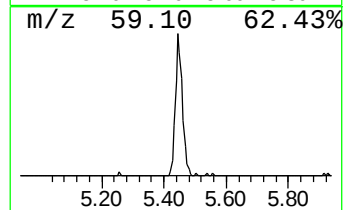
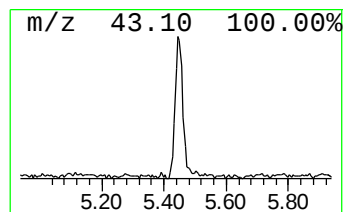
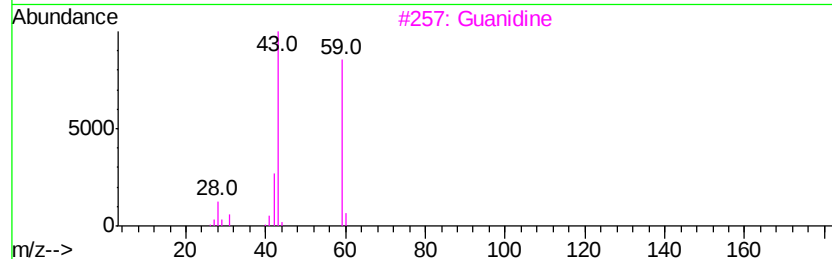
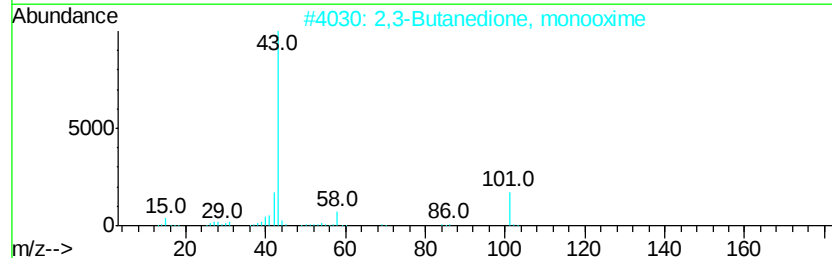
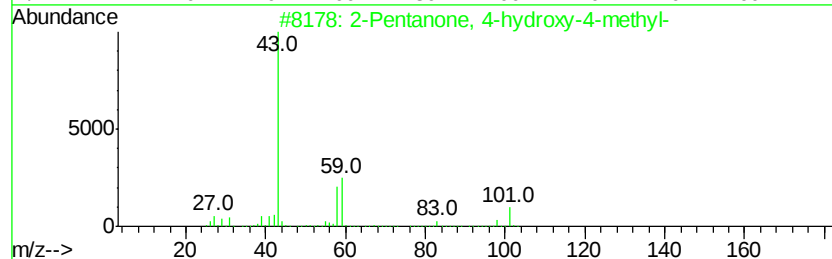
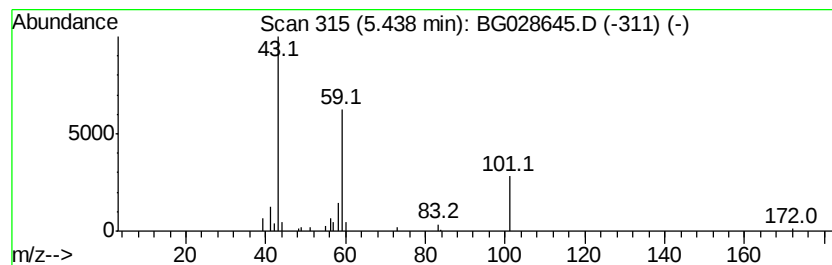
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	5.59 ng	69862	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3			Guanidine	59	CH5N3	000113-00-8	9
4			Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9
5			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



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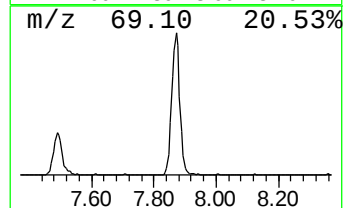
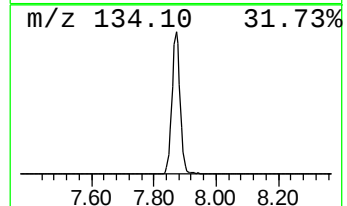
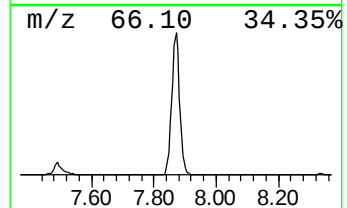
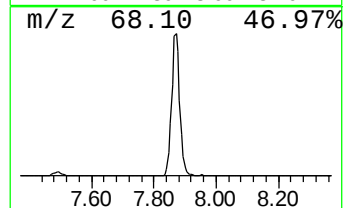
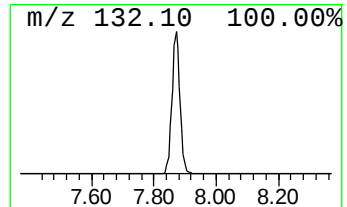
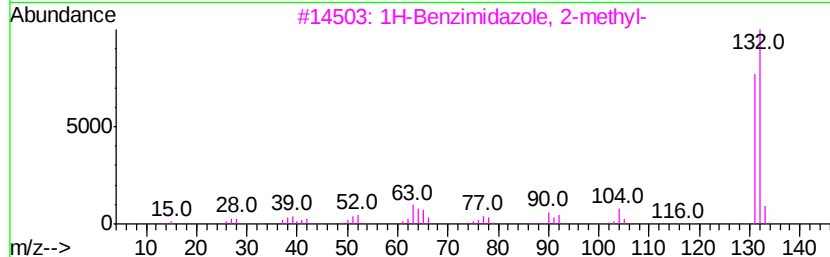
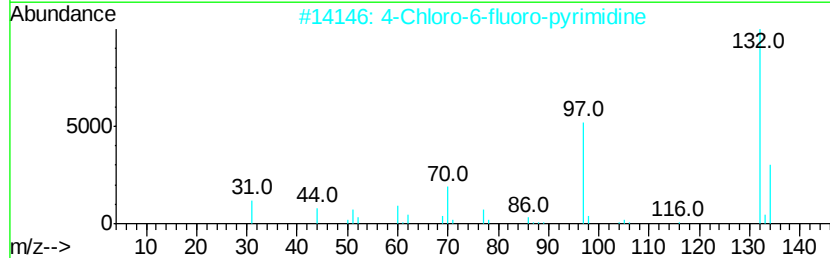
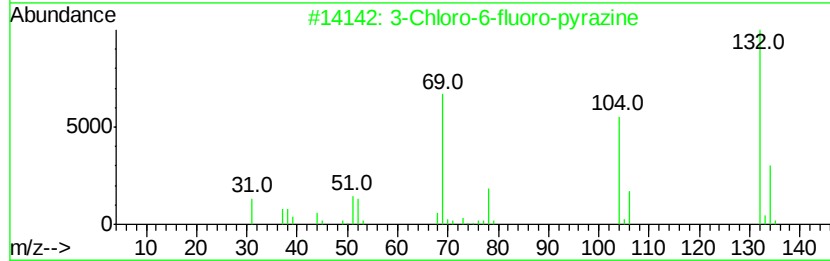
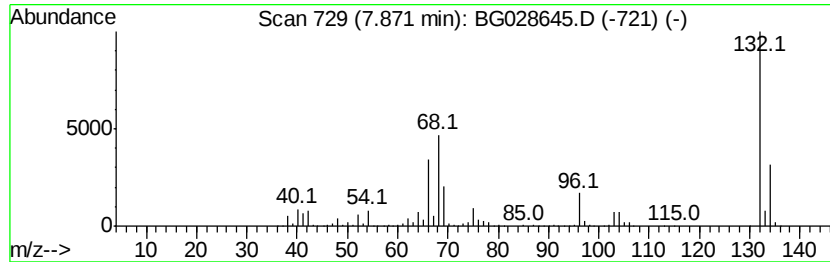
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Peak Number 2 unknown7.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	104.26 ng	1303220	1,4-Dichlorobenzene-d4	8.34

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		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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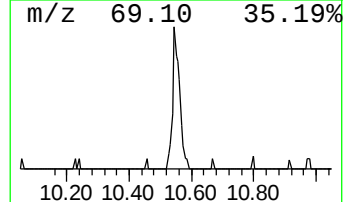
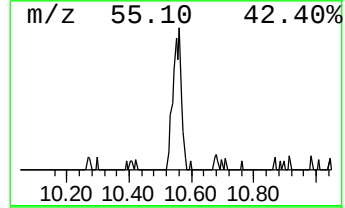
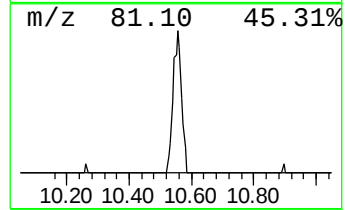
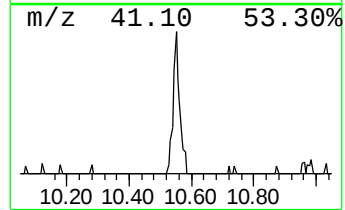
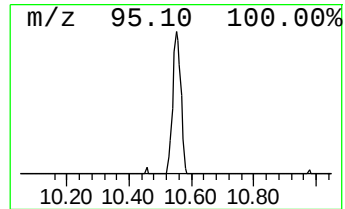
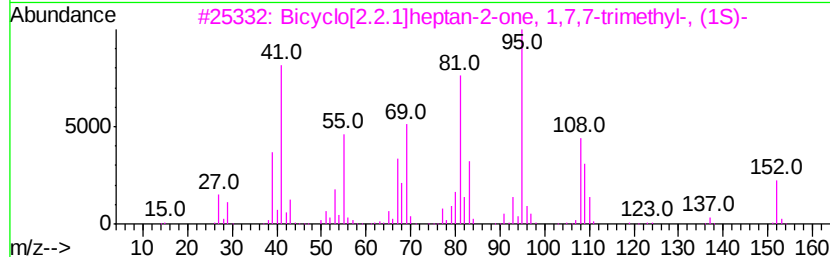
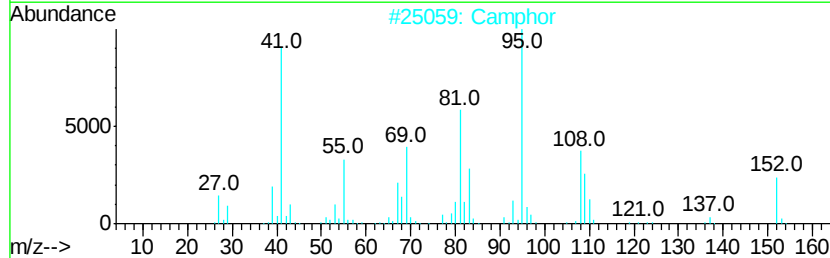
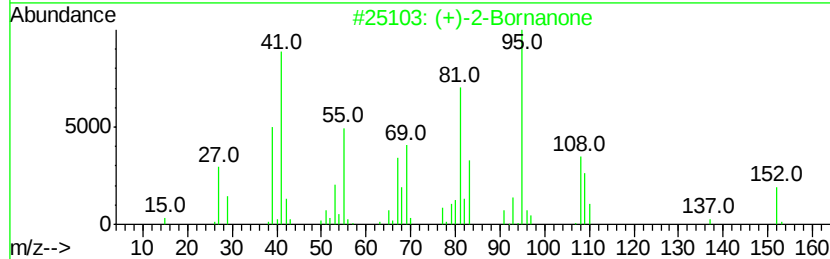
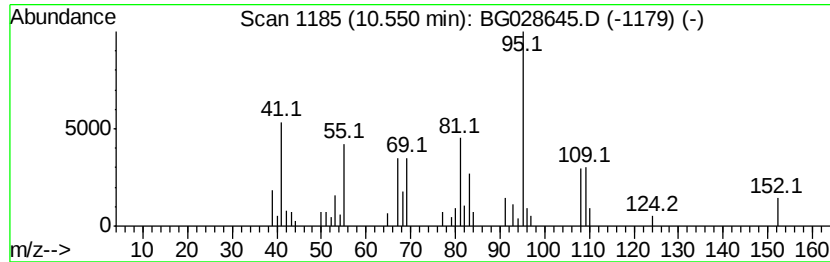
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Peak Number 4 (+)-2-Bornanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.55	3.53 ng	62534	Naphthalene-d8	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
2	Camphor	152	C10H16O	000076-22-2	90
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
4	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	52
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	47



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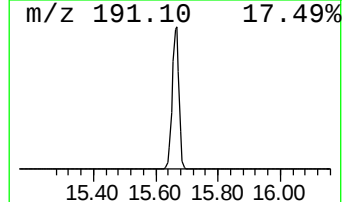
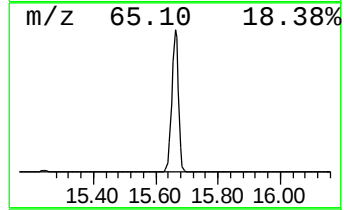
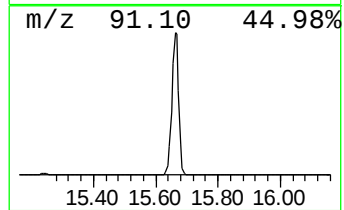
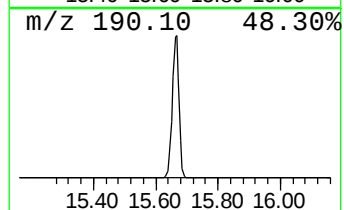
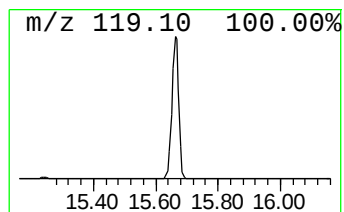
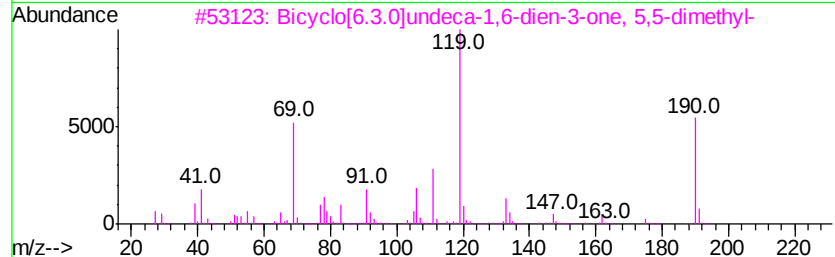
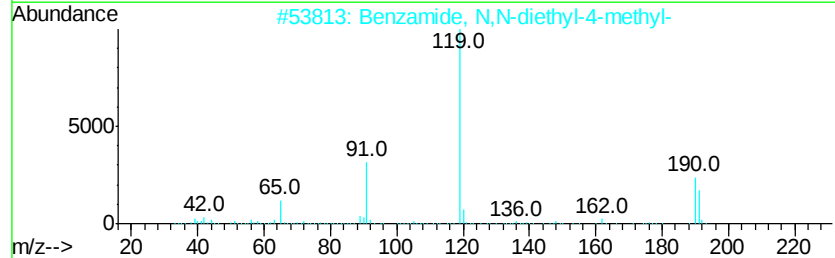
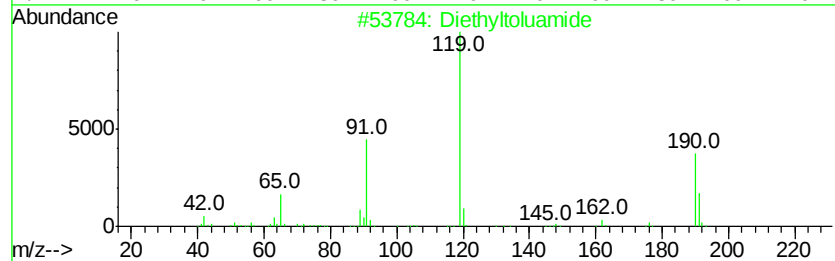
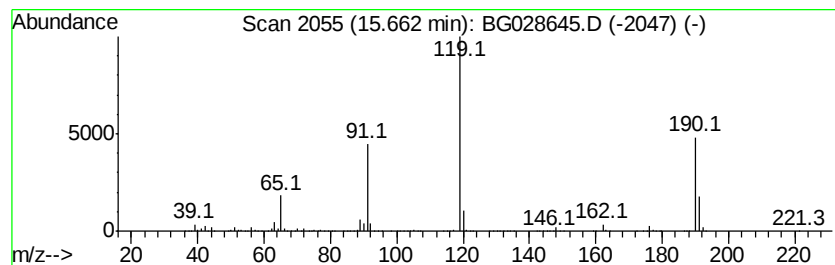
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Peak Number 5 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	180.87 ng	4975030	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3		Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	78
4		3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	72
5		m-Toluic acid, cyclobutyl ester	190	C12H14O2	1000292-23-2	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.44	5.6	ng	69862	1	8.34	249987	20.0
unknown7.87	7.87	104.3	ng	1303220	1	8.34	249987	20.0
(+)-2-Bornanone	10.55	3.5	ng	62534	2	11.16	354306	20.0
Diethyltoluamide	15.66	180.9	ng	4975030	3	14.95	550109	20.0