LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022255.D
Acq On : 9 Jun 2016 5:44
Operator : UM/SJ
Sample : H3381-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-45

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-BG060616.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	5.667	474	481	495	rBV	169211	322955	13.14%	1.791%
2	7.277	746	755	769	rBV	112839	227862	9.27%	1.264%
3	7.647	807	818	834	rBV	368323	725665	29.53%	4.024%
4	8.117	889	898	912	rVB	88816	170310	6.93%	0.945%
5	8.440	940	953	967	rBV	368972	724395	29.48%	4.017%
6	9.286	1090	1097	1116	rBV	262450	549168	22.35%	3.046%
7	10.990	1369	1387	1405	rBV3	513417	1985480	80.80%	11.011%
8	12.835	1696	1701	1706	rBV4	13624	28883	1.18%	0.160%
9	13.369	1784	1792	1806	rVB	989214	1659637	67.54%	9.204%
10	13.581	1816	1828	1838	rBV2	177725	438740	17.86%	2.433%
11	14.192	1926	1932	1938	rBV2	16709	30893	1.26%	0.171%
12	14.744	2018	2026	2034	rBV2	256506	465183	18.93%	2.580%
13	15.726	2184	2193	2207	rBV	582748	1138851	46.35%	6.316%
14	16.237	2272	2280	2291	rBV	631458	1117978	45.50%	6.200%
15	17.230	2442	2449	2461	rBV2	268158	508453	20.69%	2.820%
16	17.488	2485	2493	2502	rBV2	284435	504802	20.54%	2.800%
17	17.676	2520	2525	2535	rBV	113226	224173	9.12%	1.243%
18	17.841	2548	2553	2562	rVB2	19776	45391	1.85%	0.252%
19	19.686	2862	2867	2881	rBV	157695	348605	14.19%	1.933%
20	20.050	2923	2929	2932	rBV	1620171	2457196	100.00%	13.627%
21	20.085	2932	2935	2947	rVB	1626183	2131150	86.73%	11.819%
22	21.219	3123	3128	3140	rBV	61817	131520	5.35%	0.729%
23	21.372	3152	3154	3163	rVB9	14444	28381	1.16%	0.157%
24	21.754	3211	3219	3231	rBV	415288	1009590	41.09%	5.599%
25	22.923	3413	3418	3428	rVB	13338	33366	1.36%	0.185%
26	25.056	3768	3781	3797	rBV2	307468	1022587	41.62%	5.671%

Sum of corrected areas: 18031214

LSC Report - Integrated Chromatogram

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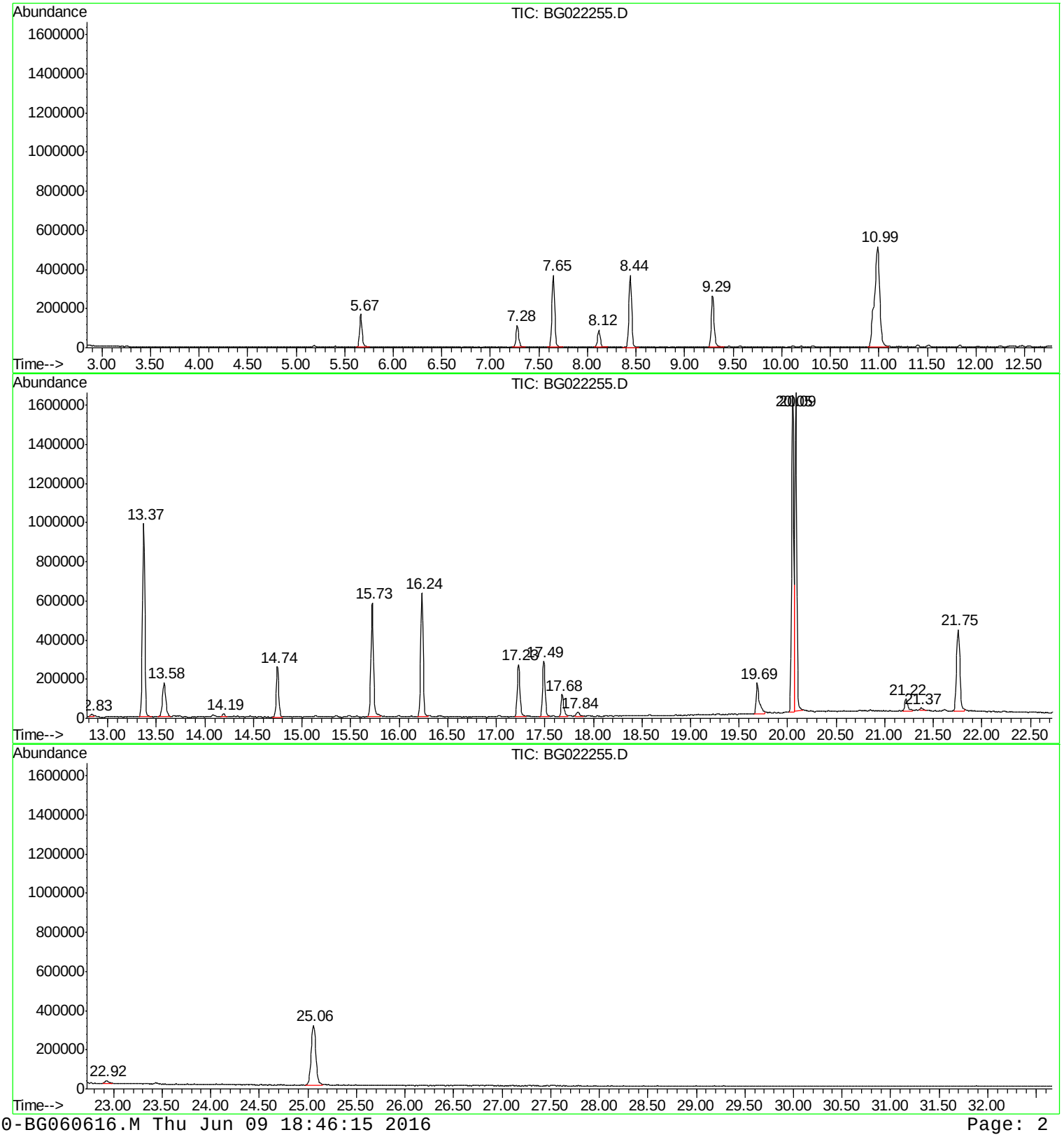
Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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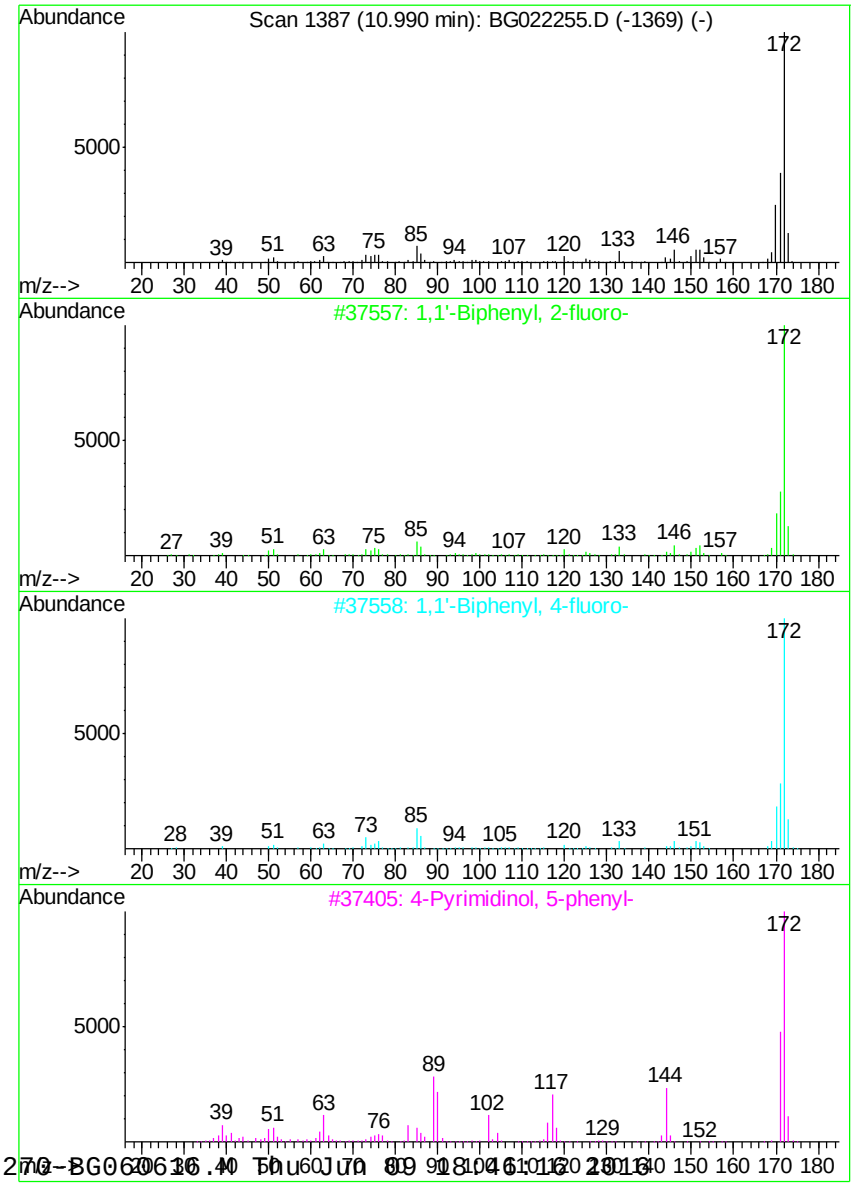
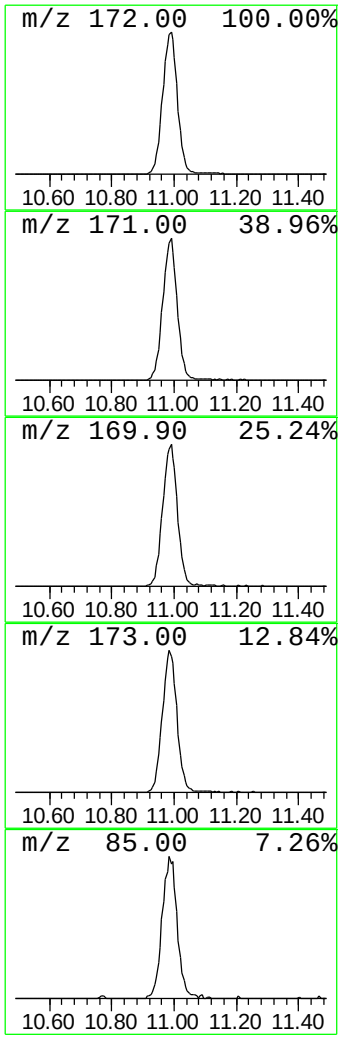
Peak Number 3 1,1'-Biphenyl, 2-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	20.00 ng	1985480	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	76
3	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	45
4	5-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	069491-51-6	32
5	Imidazole, 5-phenyl-1,4-dimethyl-	172	C11H12N2	062576-11-8	25





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Misc :
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Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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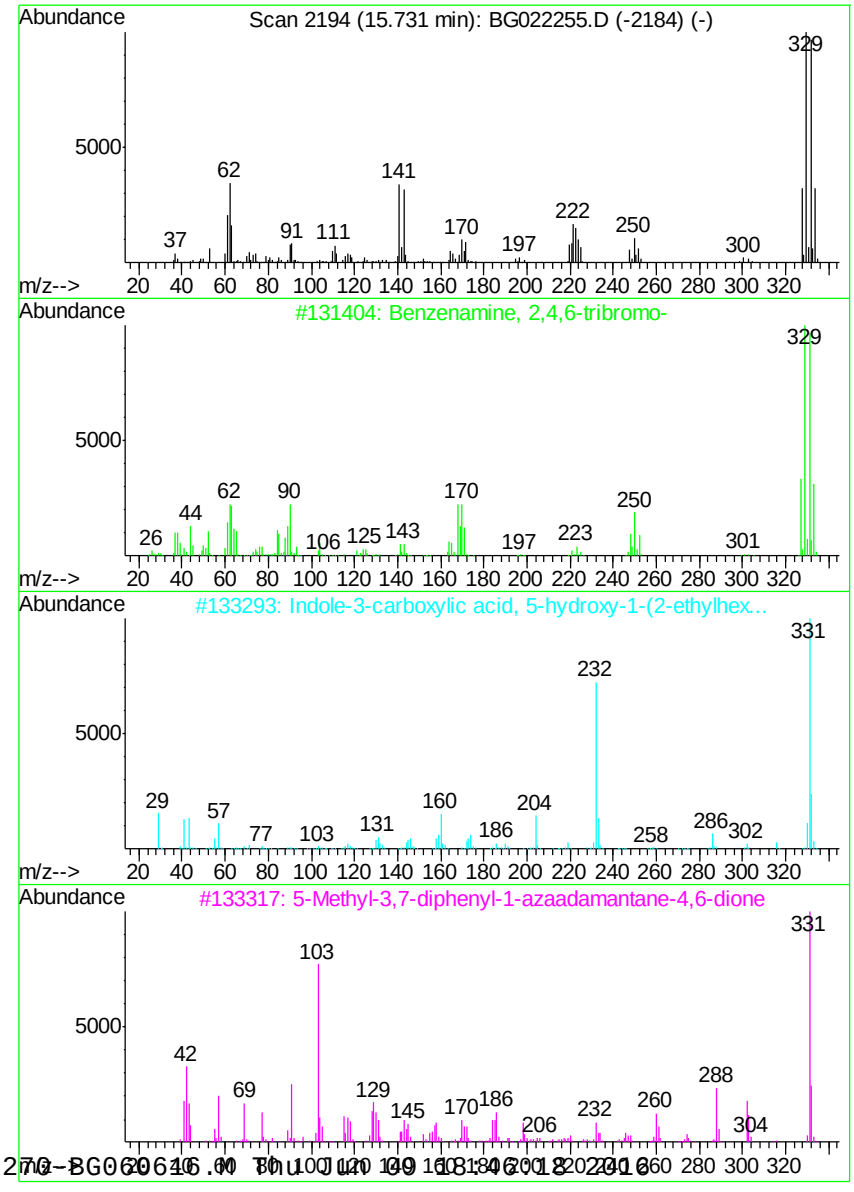
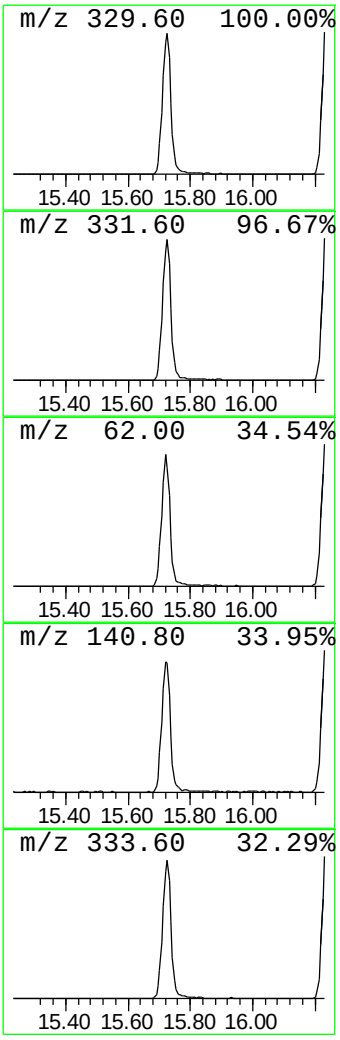
Peak Number 5 Benzenamine, 2,4,6-tribromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	48.96 ng	1138850	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	91
2	Indole-3-carboxylic acid, 5-hydr...	331	C20H29NO3	300860-45-1	9
3	5-Methyl-3,7-diphenyl-1-azaadama...	331	C22H21NO2	1000202-12-0	9
4	2-(4-Fluoro-phenyl)-5-propyl-4-[...	331	C18H22FN3O2	1000276-14-2	9
5	2-(p-Bromophenyl)-8H-thieno(2,3-...	327	C16H10BrNS	022315-08-8	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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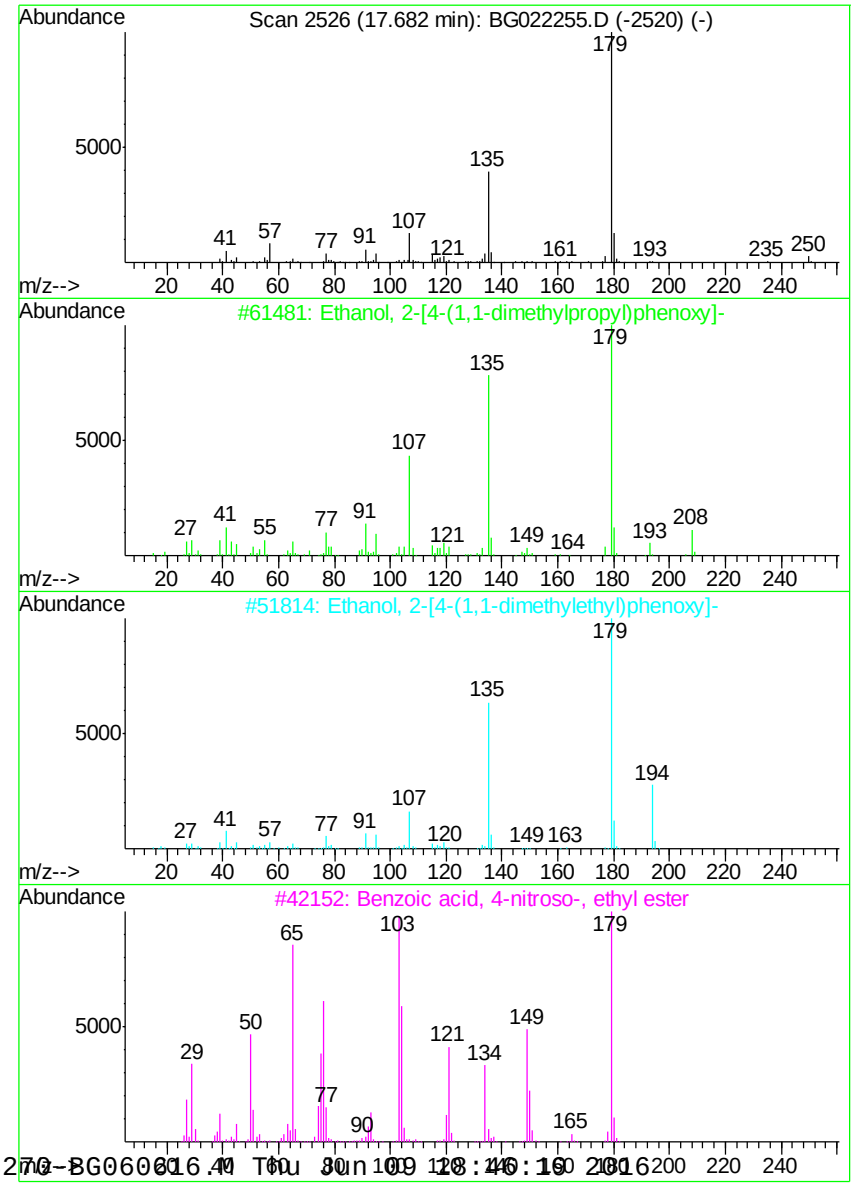
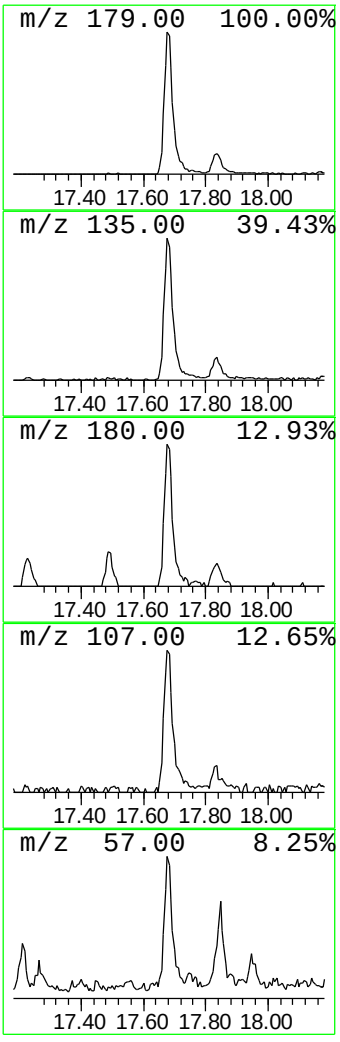
Peak Number 7 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	8.88 ng	224173	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	78
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
3	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	46
4	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	40
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	38





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Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

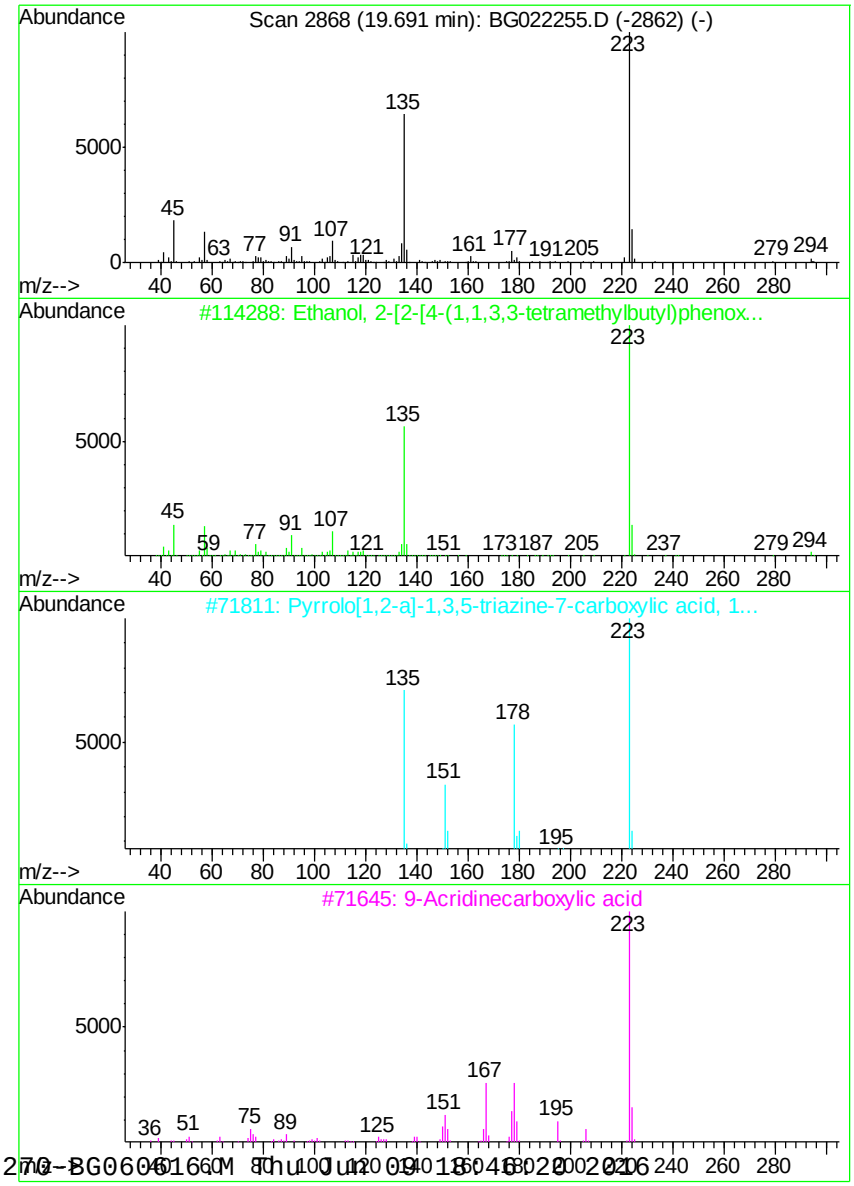
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

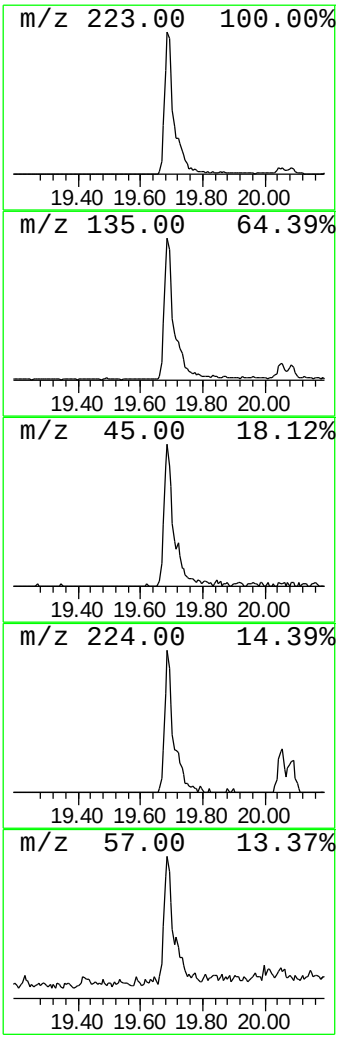
****

Peak Number 8 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	6.91 ng	348605	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	94
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38
4	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	38
5	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	38





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Instrument : BNA_G
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Quant Title :

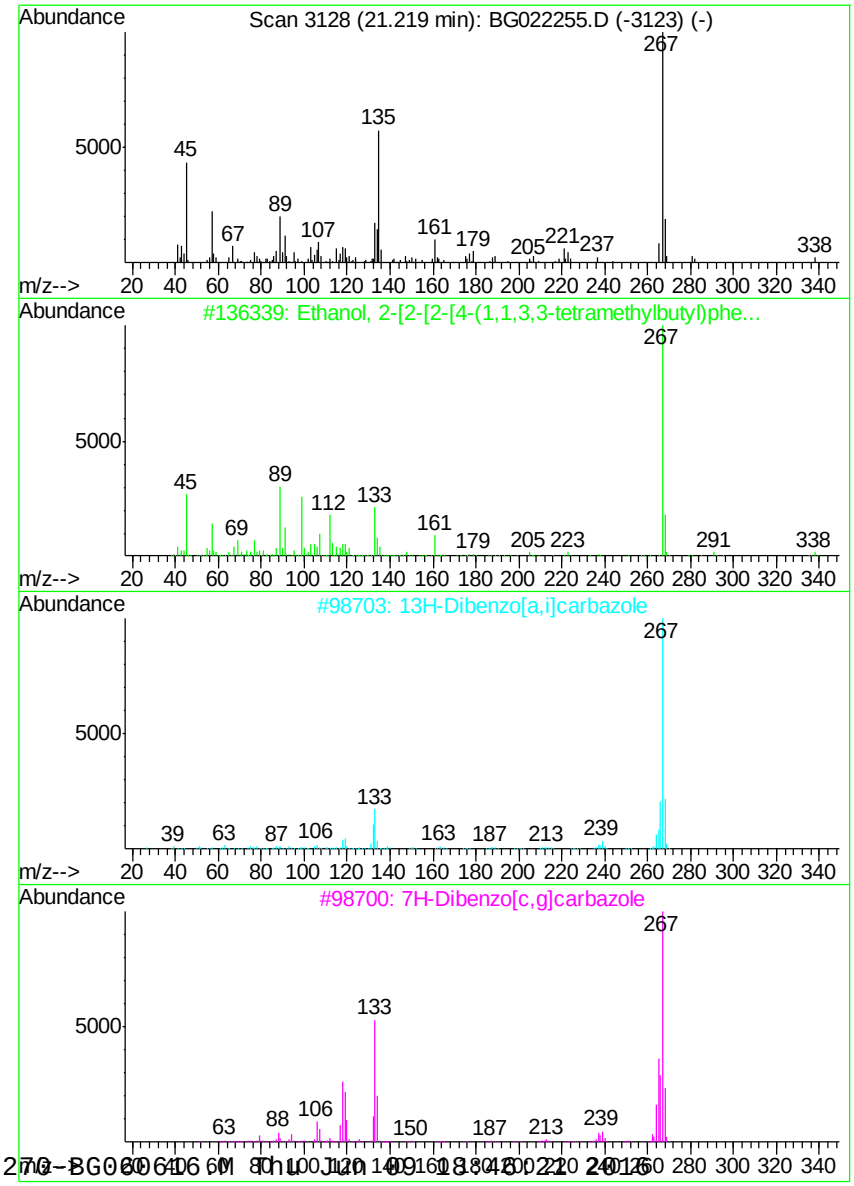
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

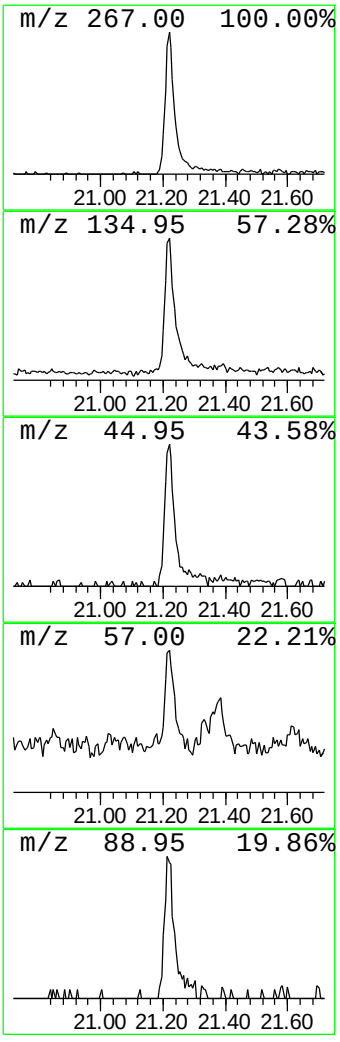
****

Peak Number 9 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.61 ng	131520	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	60
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	45
3	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	43
4	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	38
5	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : W-45

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 2-...	10.99	20.0	ng	1985480	2	10.94	1985480	20.0
Benzenamine, 2,4,...	15.73	49.0	ng	1138850	3	14.74	465183	20.0
Ethanol, 2-[4-(1,...	17.68	8.9	ng	224173	4	17.49	504802	20.0
Ethanol, 2-[2-[4-...	19.69	6.9	ng	348605	5	21.76	1009590	20.0
Ethanol, 2-[2-[2-...	21.22	2.6	ng	131520	5	21.76	1009590	20.0