LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022228.D
Acq On : 8 Jun 2016 8:43
Operator : UM/SJ
Sample : H3425-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-JMW0882

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	5.184	393	399	410	rBV	40838	78062	3.62%	0.953%
2	5.401	427	436	447	rVB	12546	27758	1.29%	0.339%
3	5.666	473	481	490	rBV2	124570	240645	11.15%	2.937%
4	7.276	747	755	769	rBV	84220	176395	8.18%	2.153%
5	7.646	809	818	830	rBV	265616	527052	24.43%	6.432%
6	7.752	832	836	842	rVB	13203	22902	1.06%	0.280%
7	8.116	891	898	906	rBV	51090	101612	4.71%	1.240%
8	8.439	946	953	971	rBV	230237	472410	21.89%	5.766%
9	9.291	1090	1098	1112	rBV	154192	337952	15.66%	4.125%
10	10.936	1370	1378	1383	rBV	82036	168232	7.80%	2.053%
11	10.989	1383	1387	1394	rVB2	21059	41102	1.90%	0.502%
12	13.369	1783	1792	1804	rBV	669798	1143018	52.98%	13.950%
13	14.068	1905	1911	1917	rBV3	15295	30384	1.41%	0.371%
14	14.743	2019	2026	2033	rBV2	168211	308703	14.31%	3.768%
15	15.472	2143	2150	2156	rBV	42974	70178	3.25%	0.856%
16	15.543	2157	2162	2170	rVB	14781	27074	1.25%	0.330%
17	16.230	2273	2279	2295	rBV	518621	896014	41.53%	10.935%
18	17.487	2487	2493	2507	rBV2	224637	414034	19.19%	5.053%
19	19.896	2897	2903	2911	rBV2	19855	37479	1.74%	0.457%
20	20.084	2928	2935	2951	rBV	1446951	2157653	100.00%	26.333%
21	21.765	3211	3221	3238	rBV2	231856	479898	22.24%	5.857%
22	25.055	3769	3781	3799	rBV3	130684	435141	20.17%	5.311%

Sum of corrected areas: 8193698

LSC Report - Integrated Chromatogram

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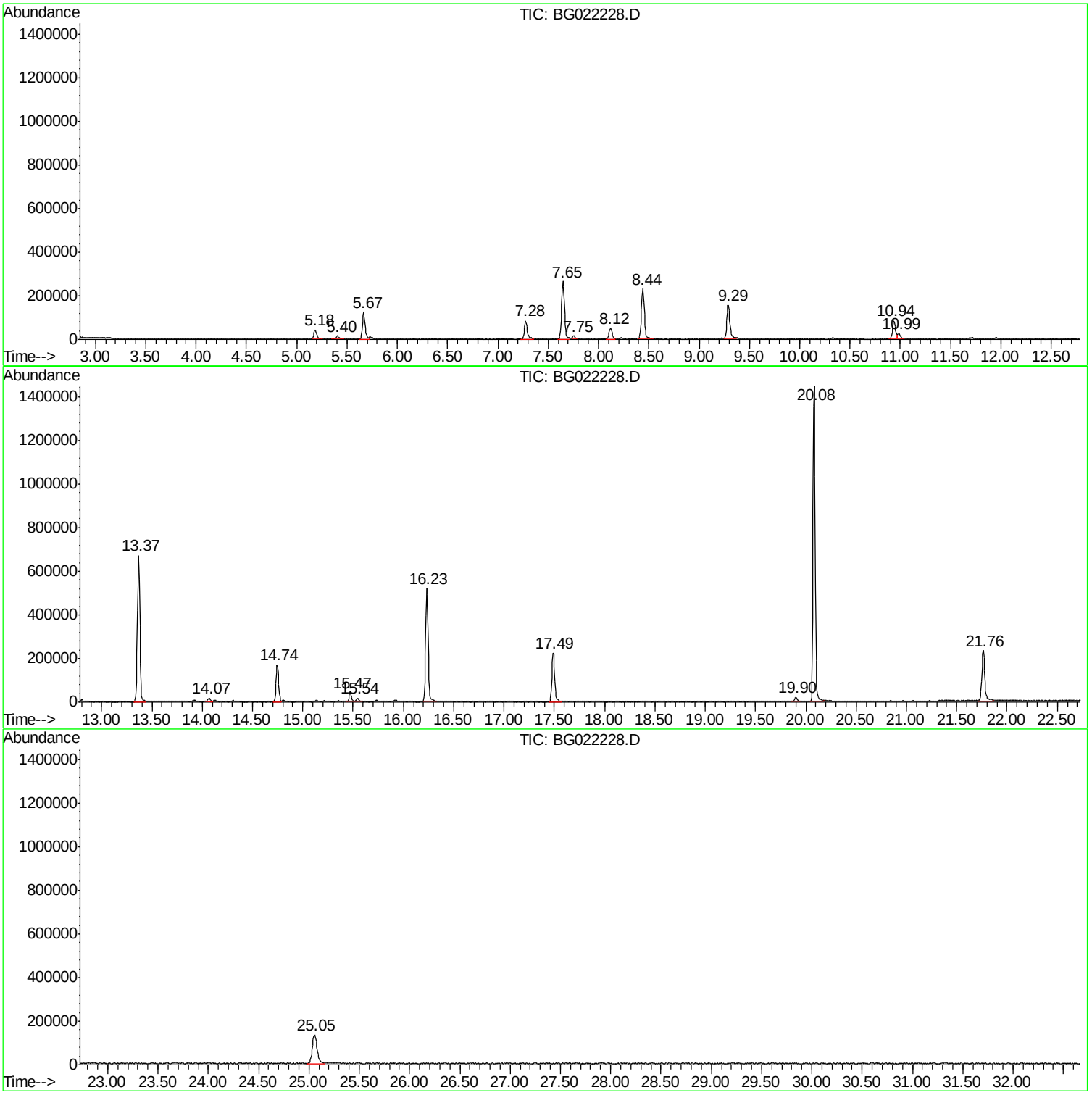
ClientSampleId : SP16-JMW0882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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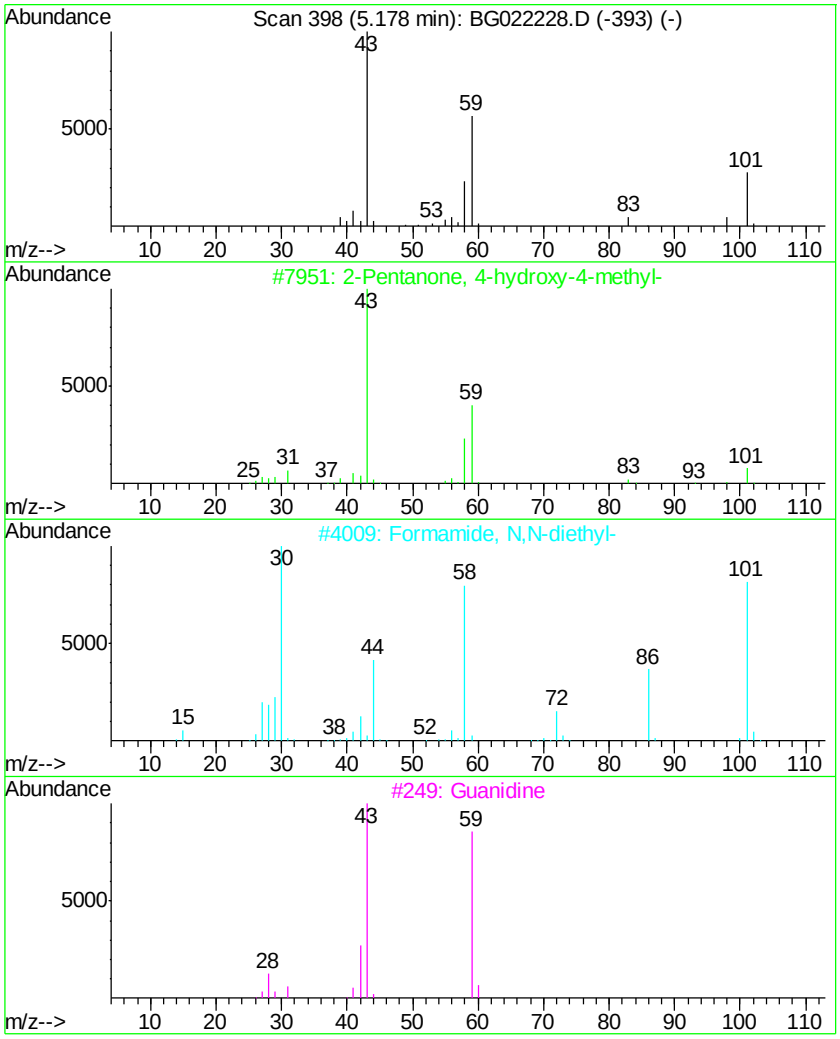
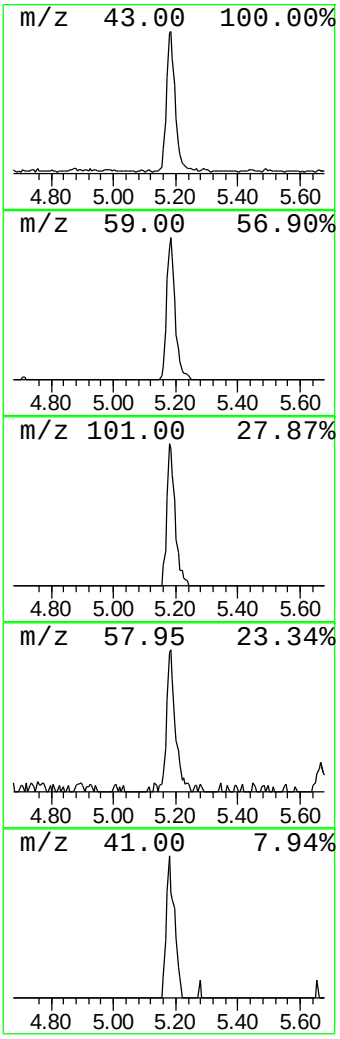
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	15.36 ng	78062	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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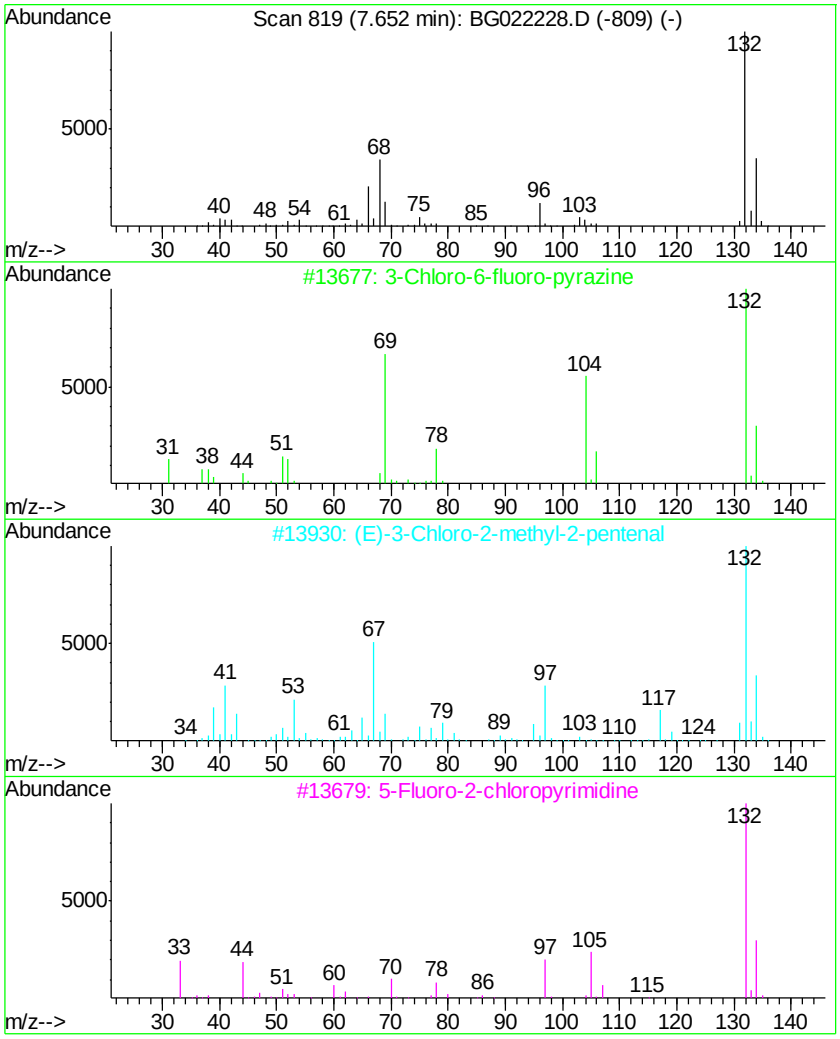
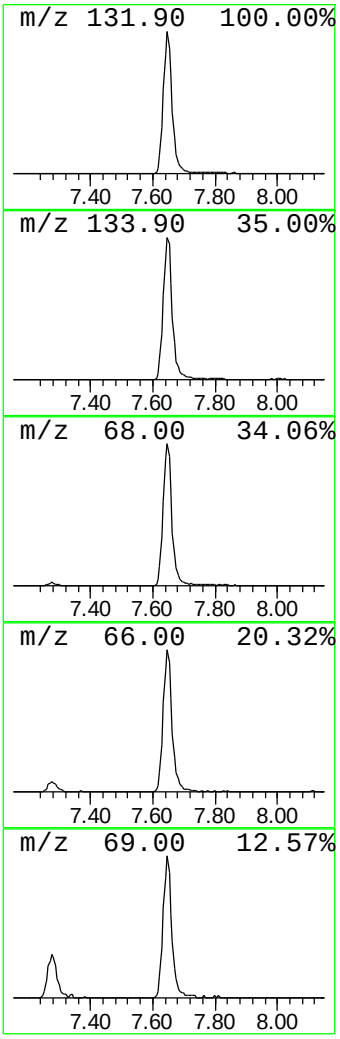
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	103.74 ng	527052	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : H3425-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-JMW0882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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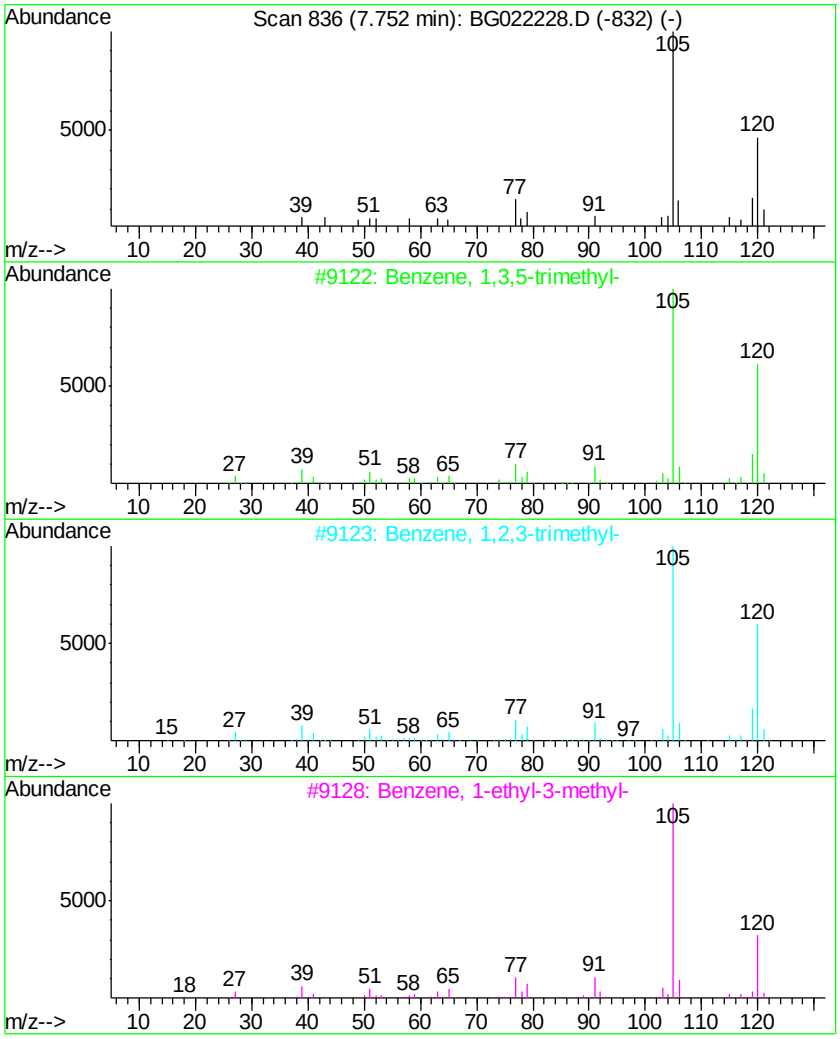
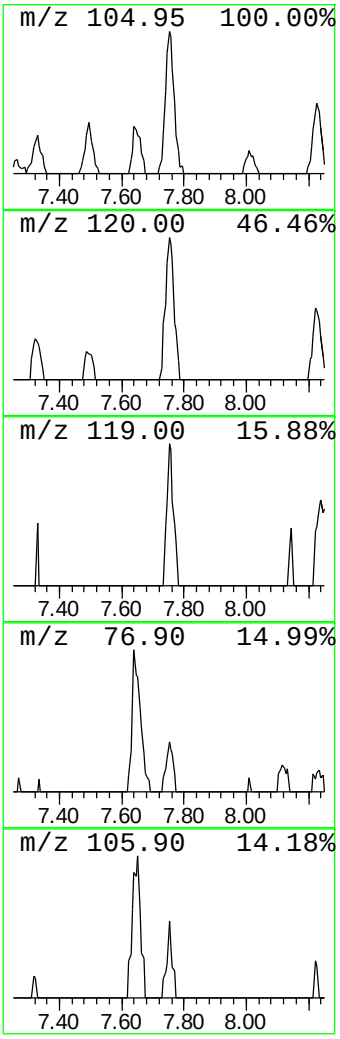
Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	4.51 ng	22902	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-JMW0882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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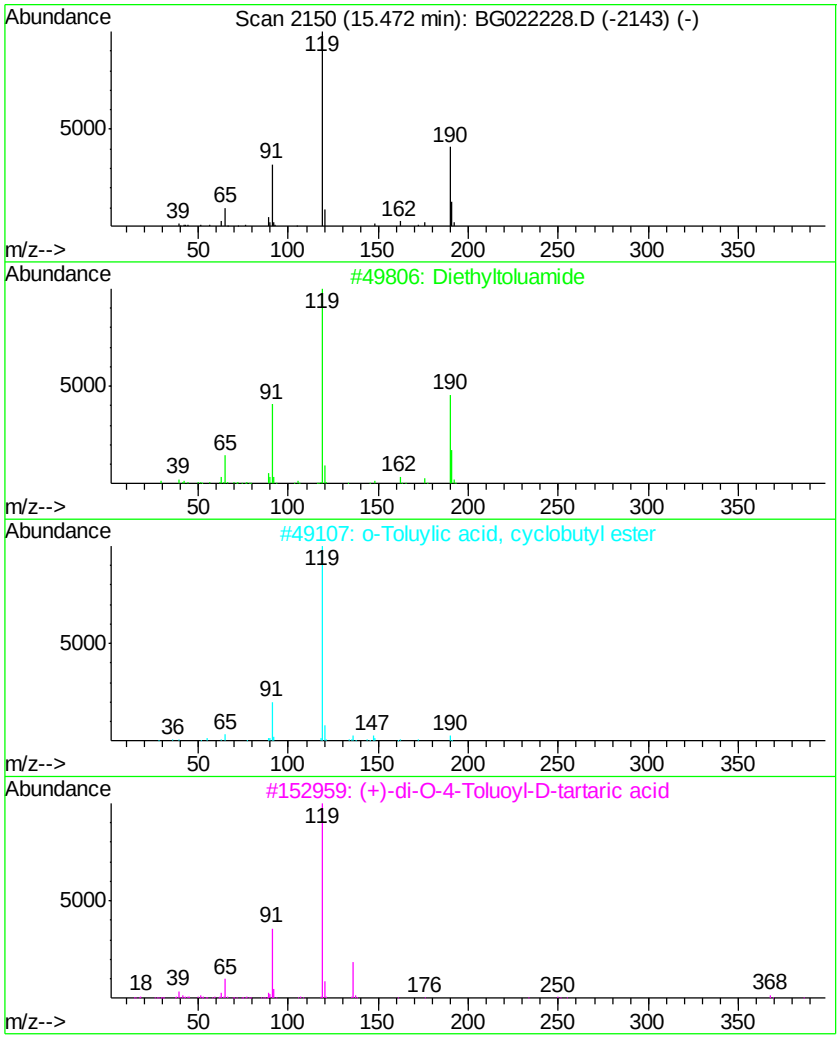
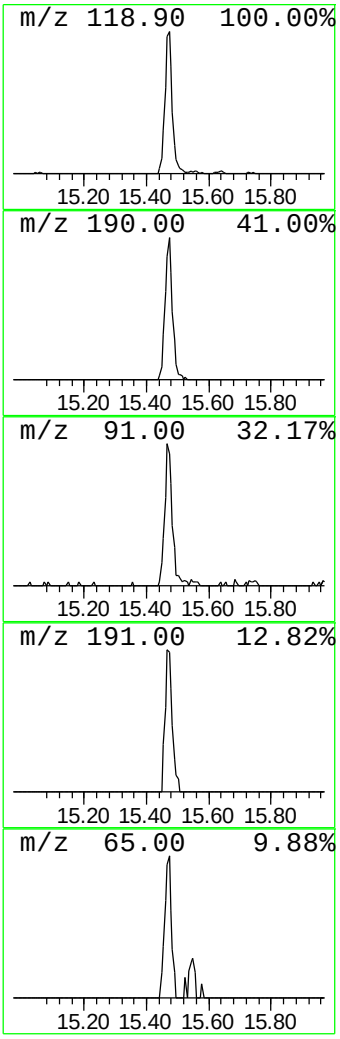
Peak Number 6 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.55 ng	70178	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	93
2	o-Toluylic acid, cyclobutyl ester	190	C12H14O2	1000292-22-3	72
3	(+)-di-O-4-Toluoyl-D-tartaric acid	386	C20H18O8	032634-68-7	47
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	47
5	Benzamide, N-[2-acetyl-1,1-di(tr...	383	C16H15F6NO3	1000276-52-7	47





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	15.4	ng	78062	1	8.12	101612	20.0
unknown7.65	7.65	103.7	ng	527052	1	8.12	101612	20.0
Benzene, 1,3,5-tr...	7.75	4.5	ng	22902	1	8.12	101612	20.0
Diethyltoluamide	15.47	4.5	ng	70178	3	14.74	308703	20.0