LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

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-BG012918.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	3.470	25	31	40	rVB2	36455	60357	8.14%	0.477%
2	6.150	480	487	495	rBV	44364	77272	10.42%	0.611%
3	7.830	766	773	787	rVB3	54045	143225	19.31%	1.132%
4	8.106	813	820	829	rBB	25829	42287	5.70%	0.334%
5	8.230	835	841	846	rBV2	54385	113382	15.28%	0.896%
6	8.611	899	906	912	rVB2	17860	32581	4.39%	0.257%
7	8.723	917	925	929	rBV	78958	162890	21.96%	1.287%
8	8.758	929	931	940	rVB	60623	88748	11.96%	0.701%
9	9.058	975	982	989	rBV2	48377	84854	11.44%	0.671%
10	9.158	992	999	1007	rBV	55587	97925	13.20%	0.774%
11	9.252	1007	1015	1023	rBV2	46462	111310	15.00%	0.880%
12	9.528	1056	1062	1069	rBV3	39464	65111	8.78%	0.515%
13	9.845	1109	1116	1122	rBV2	44997	84075	11.33%	0.664%
14	9.916	1122	1128	1132	rVV	33323	63317	8.53%	0.500%
15	9.957	1132	1135	1144	rVB	25813	45951	6.19%	0.363%
16	10.480	1217	1224	1235	rBB	86044	156513	21.10%	1.237%
17	10.691	1251	1260	1267	rVB2	59262	112207	15.13%	0.887%
18	11.232	1345	1352	1360	rBV	40118	73741	9.94%	0.583%
19	11.455	1383	1390	1401	rBB	161920	295282	39.80%	2.333%
20	11.602	1408	1415	1419	rBV	109419	204011	27.50%	1.612%
21	11.655	1419	1424	1435	rVB2	105101	199385	26.88%	1.576%
22	11.919	1463	1469	1477	rBV	73187	131639	17.74%	1.040%
23	13.218	1683	1690	1700	rBV	145640	247381	33.35%	1.955%
24	13.982	1813	1820	1828	rBV	150930	225712	30.43%	1.784%
25	14.246	1859	1865	1874	rBV	122740	203268	27.40%	1.606%
26	14.781	1950	1956	1964	rBV	71711	102512	13.82%	0.810%
27	15.356	2048	2054	2060	rBV2	224154	356959	48.12%	2.821%
28	15.421	2060	2065	2072	rVB	107976	176742	23.82%	1.397%
29	15.527	2077	2083	2089	rBV2	15182	24866	3.35%	0.196%
30	15.691	2104	2111	2116	rBV	127951	196032	26.42%	1.549%
31	15.750	2116	2121	2130	rVB	163109	257981	34.78%	2.039%
32	16.120	2174	2184	2194	rBB	247872	361639	48.75%	2.858%
33	16.391	2216	2230	2241	rBB2	284129	692189	93.31%	5.470%
34	16.831	2298	2305	2315	rBV	124707	192988	26.01%	1.525%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

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-BG012918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.260	2372	2378	2387	rVB	374955	558884	75.34%	4.416%
36	17.730	2448	2458	2465	rBV3	132607	213407	28.77%	1.686%
37	18.089	2512	2519	2528	rBV	336314	520032	70.10%	4.109%
38	18.224	2533	2542	2551	rVB	253975	399858	53.90%	3.160%
39	20.092	2854	2860	2869	rVB	412833	598019	80.61%	4.726%
40	20.421	2913	2916	2926	rVB2	7546	11614	1.57%	0.092%
41	20.621	2944	2950	2956	rBV	380325	494942	66.72%	3.911%
42	21.960	3172	3178	3181	rBV5	6686	12480	1.68%	0.099%
43	22.419	3248	3256	3260	rBV2	372523	680430	91.72%	5.377%
44	22.466	3260	3264	3272	rVB	217449	383352	51.67%	3.029%
45	23.606	3450	3458	3470	rVB	284981	574528	77.45%	4.540%
46	24.910	3669	3680	3687	rBV2	210209	595659	80.29%	4.707%
47	24.986	3687	3693	3706	rVB2	200331	549588	74.08%	4.343%
48	26.097	3869	3882	3894	rBV	217350	690780	93.12%	5.459%
49	30.351	4585	4606	4614	rBV	136677	741852	100.00%	5.862%
50	31.667	4813	4830	4831	rBV	48903	144911	19.53%	1.145%

Sum of corrected areas: 12654668

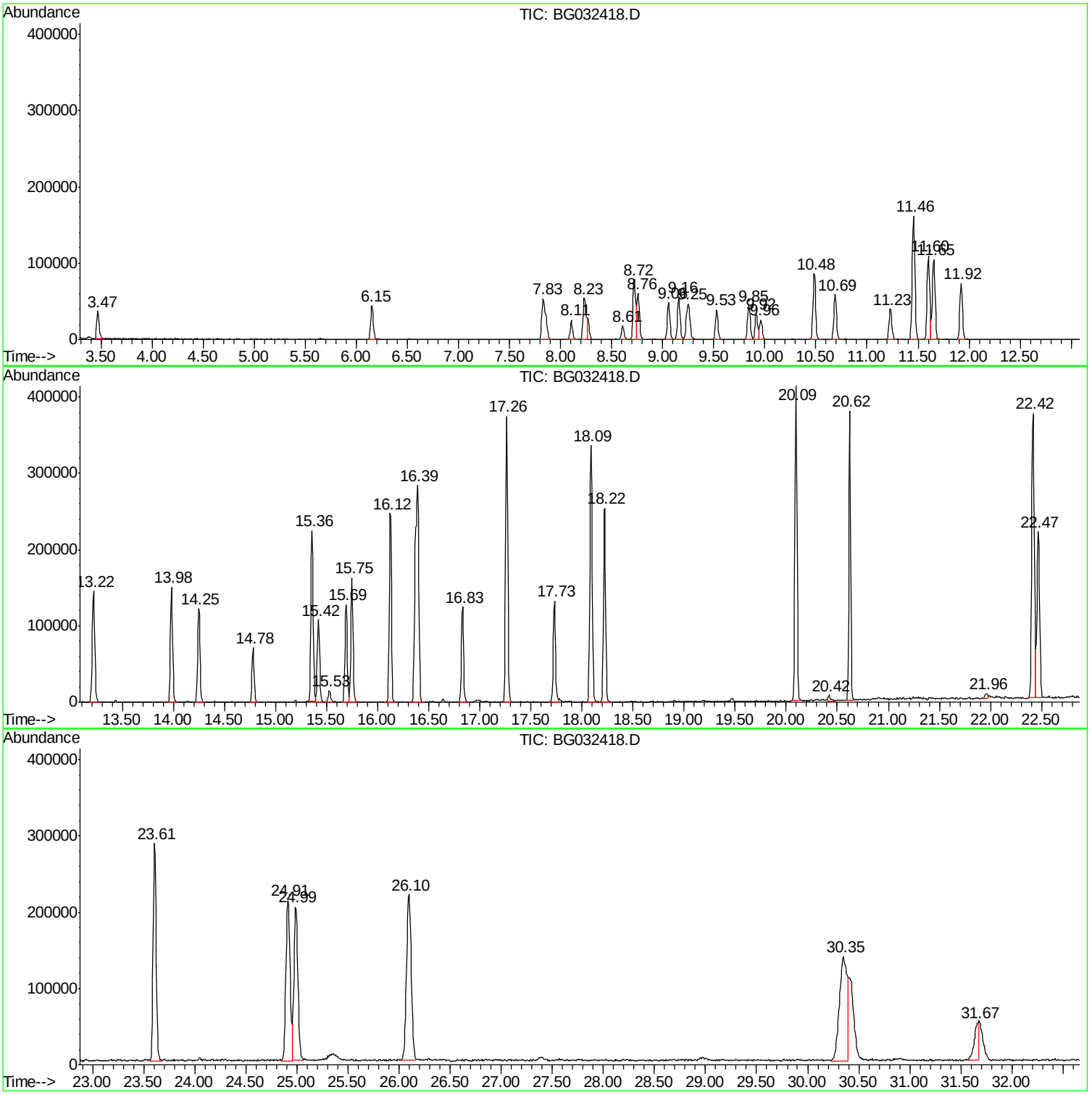
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

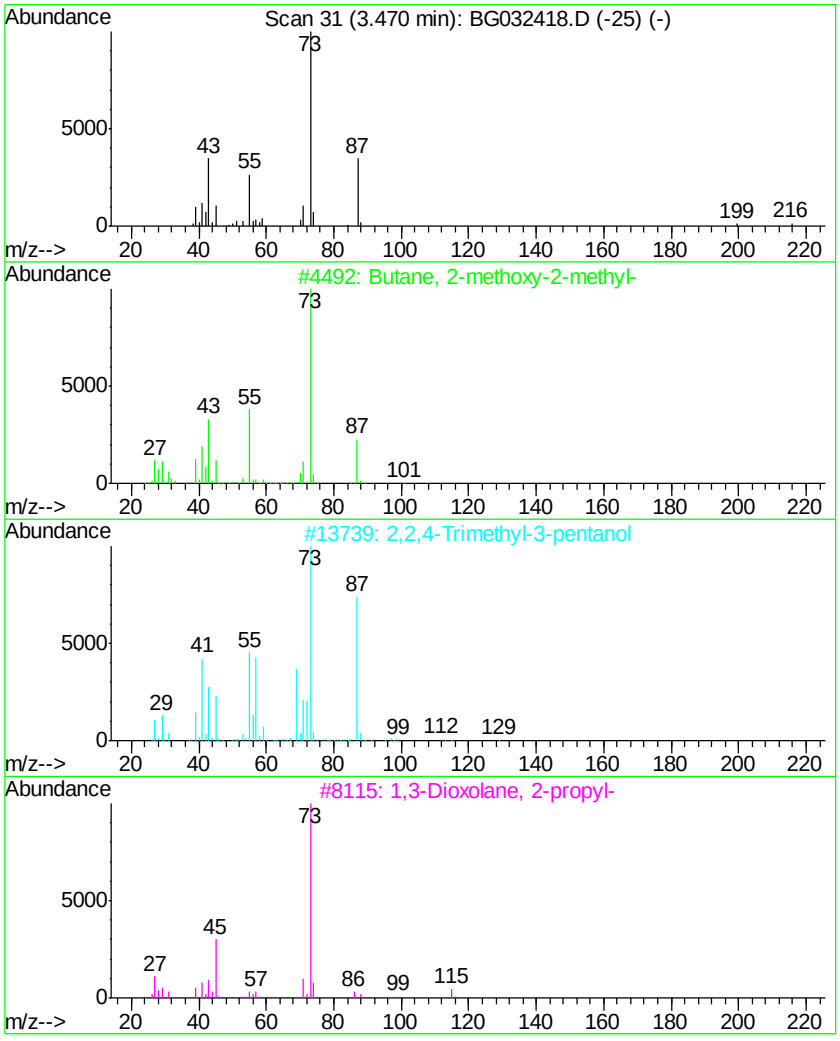
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

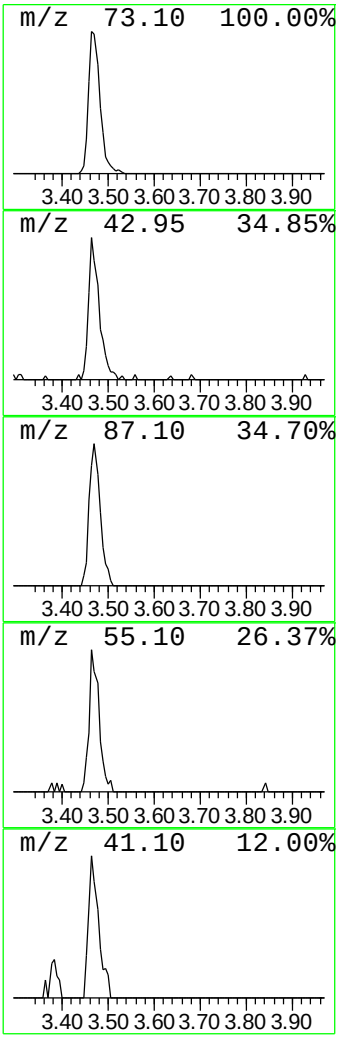
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	7.41 ng	60357	1,4-Dichlorobenzene-d4	8.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	28
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

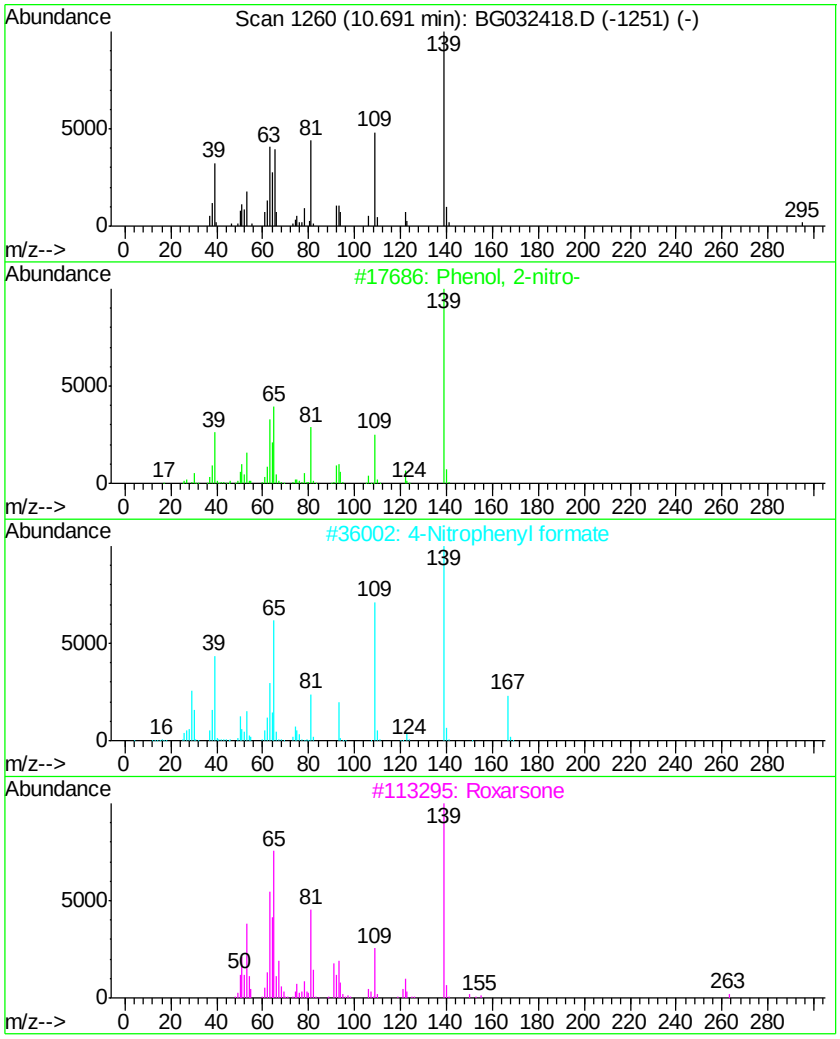
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

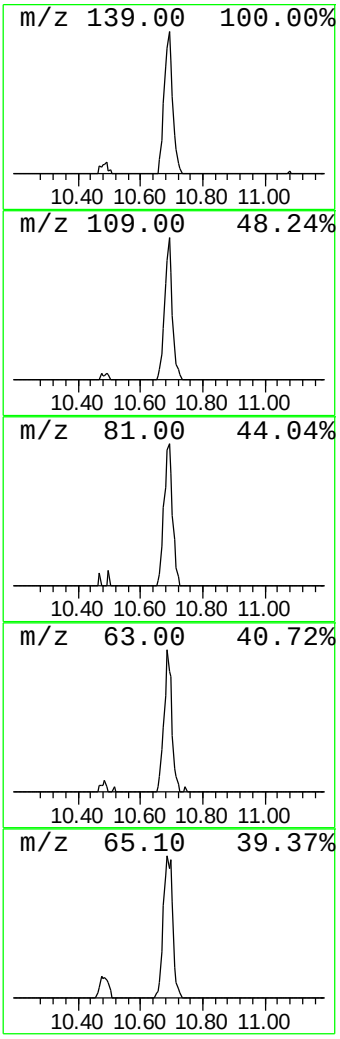
****

Peak Number 3 Phenol, 2-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	11.00 ng	112207	Naphthalene-d8	11.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-nitro-	139	C6H5NO3	000088-75-5	96
2	4-Nitrophenyl formate	167	C7H5NO4	001865-01-6	43
3	Roxarsone	263	C6H6AsNO6	000121-19-7	43
4	Phenol, 3-nitro-	139	C6H5NO3	000554-84-7	38
5	Benzene, 1-ethoxy-2-nitro-	167	C8H9NO3	000610-67-3	38





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032418.D
Acq On : 29 Jan 2018 17:25
Operator : SJ/JU
Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1024DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.47	7.4	ng	60357	1	8.72	162890	20.0
Phenol, 2-nitro-	10.69	11.0	ng	112207	2	11.60	204011	20.0