LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

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-BG122117.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	3.446	21	27	39	rBV	88482	196424	4.32%	0.839%
2	6.237	496	502	512	rVB	275915	483898	10.64%	2.067%
3	7.236	662	672	680	rBV	229421	399244	8.78%	1.705%
4	7.753	753	760	767	rBV	82159	139498	3.07%	0.596%
5	7.917	780	788	798	rBV	174291	326459	7.18%	1.394%
6	8.334	844	859	867	rBV	585990	1089490	23.95%	4.654%
7	8.822	935	942	953	rVB	142658	268237	5.90%	1.146%
8	8.939	953	962	968	rBV	132171	233261	5.13%	0.996%
9	9.016	968	975	981	rVB3	24703	51075	1.12%	0.218%
10	9.163	990	1000	1005	rBV	618924	1192022	26.20%	5.092%
11	9.216	1005	1009	1017	rVB	176529	314495	6.91%	1.343%
12	9.321	1019	1027	1034	rBV2	42435	73856	1.62%	0.315%
13	9.480	1049	1054	1060	rBV2	30033	55941	1.23%	0.239%
14	9.962	1129	1136	1141	rBV4	88132	187497	4.12%	0.801%
15	10.026	1141	1147	1162	rVB2	432035	1010387	22.21%	4.316%
16	10.308	1186	1195	1206	rBV4	18949	58633	1.29%	0.250%
17	10.491	1221	1226	1233	rVB	54394	98800	2.17%	0.422%
18	10.872	1284	1291	1296	rBV5	24245	51522	1.13%	0.220%
19	10.937	1296	1302	1312	rVB	57348	124734	2.74%	0.533%
20	11.090	1320	1328	1336	rBV	280702	523124	11.50%	2.235%
21	11.713	1420	1434	1441	rBV	204796	487148	10.71%	2.081%
22	11.813	1446	1451	1458	rVB3	41651	80682	1.77%	0.345%
23	12.059	1486	1493	1501	rVB5	20591	48386	1.06%	0.207%
24	12.165	1506	1511	1519	rVB2	37063	64030	1.41%	0.274%
25	12.283	1522	1531	1536	rBV3	31518	72859	1.60%	0.311%
26	12.594	1576	1584	1594	rVB	30588	59892	1.32%	0.256%
27	12.776	1610	1615	1620	rBV2	29313	50727	1.12%	0.217%
28	12.864	1624	1630	1636	rVV2	72447	122774	2.70%	0.524%
29	13.205	1679	1688	1695	rVB2	69077	113596	2.50%	0.485%
30	13.323	1703	1708	1713	rVB	112190	180175	3.96%	0.770%
31	13.534	1736	1744	1752	rBV	222479	420981	9.25%	1.798%
32	14.086	1830	1838	1845	rBV	1701592	2772181	60.94%	11.841%
33	14.404	1878	1892	1897	rBV6	18301	48121	1.06%	0.206%
34	14.492	1904	1907	1918	rVB2	30431	73924	1.63%	0.316%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

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-BG122117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.639	1918	1932	1940	rBV5	71558	241241	5.30%	1.030%
36	14.774	1948	1955	1960	rBV	96841	184996	4.07%	0.790%
37	14.833	1960	1965	1971	rVB4	53359	102572	2.25%	0.438%
38	15.015	1991	1996	1999	rBV3	41249	72749	1.60%	0.311%
39	15.455	2066	2071	2079	rVB2	380740	625695	13.75%	2.673%
40	15.590	2089	2094	2098	rBV2	88768	147882	3.25%	0.632%
41	15.902	2143	2147	2157	rVB3	22730	55919	1.23%	0.239%
42	16.043	2164	2171	2177	rVB9	27005	72090	1.58%	0.308%
43	16.266	2205	2209	2212	rVV5	47276	90960	2.00%	0.389%
44	16.301	2212	2215	2227	rVB3	63369	130680	2.87%	0.558%
45	16.930	2315	2322	2330	rVB	1466933	2340397	51.45%	9.997%
46	17.142	2354	2358	2366	rVB	30166	55405	1.22%	0.237%
47	18.193	2530	2537	2549	rVB	542975	865841	19.03%	3.698%
48	19.010	2669	2676	2685	rBV2	56128	91427	2.01%	0.391%
49	20.250	2882	2887	2897	rBV2	72412	112034	2.46%	0.479%
50	20.726	2962	2968	2976	rVB	3380543	4548995	100.00%	19.431%
51	22.106	3197	3203	3210	rBV4	24382	45820	1.01%	0.196%
52	22.553	3271	3279	3289	rVB	547555	1057709	23.25%	4.518%
53	26.337	3910	3923	3940	rVB2	329692	1094481	24.06%	4.675%

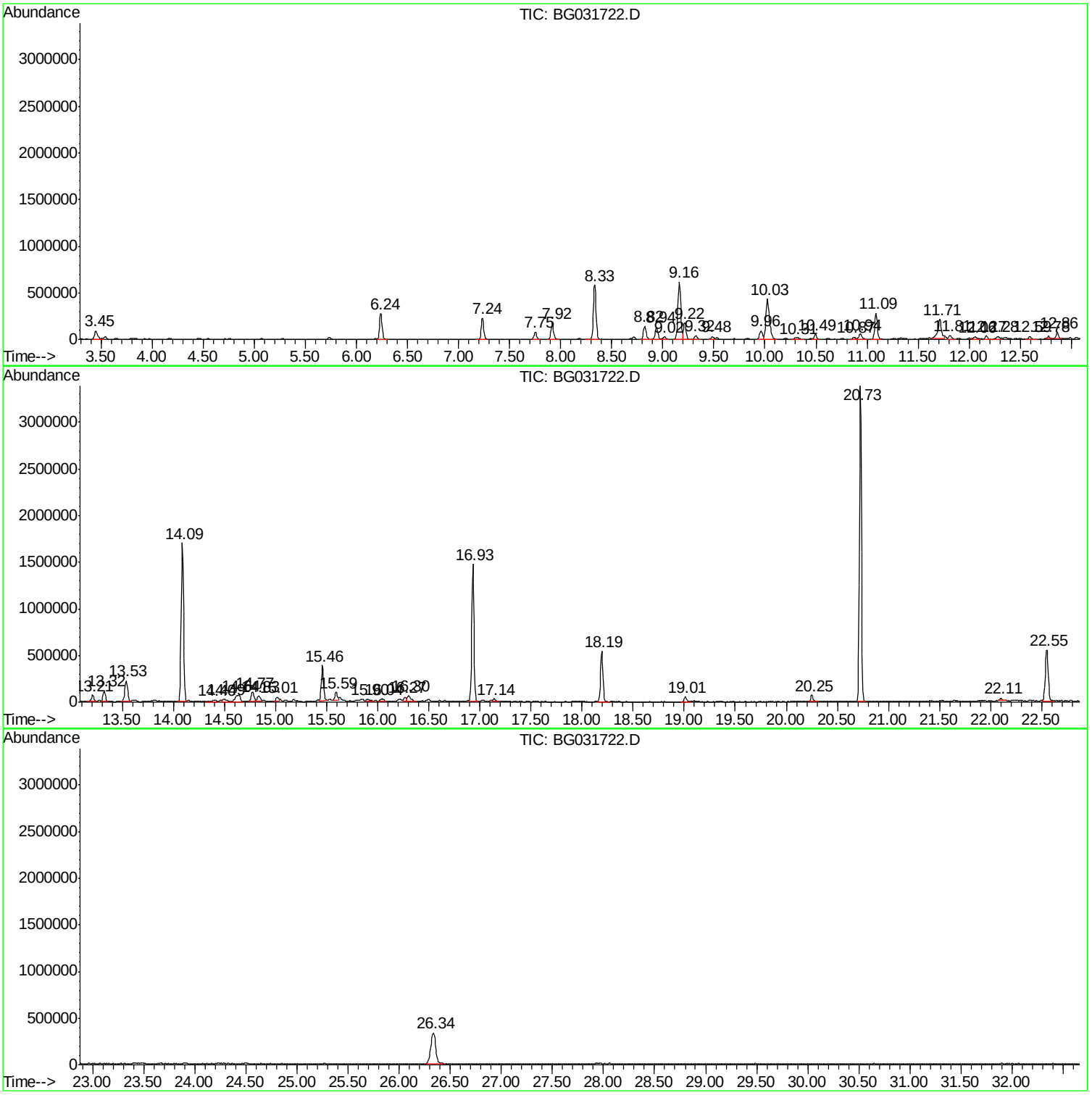
Sum of corrected areas: 23410966

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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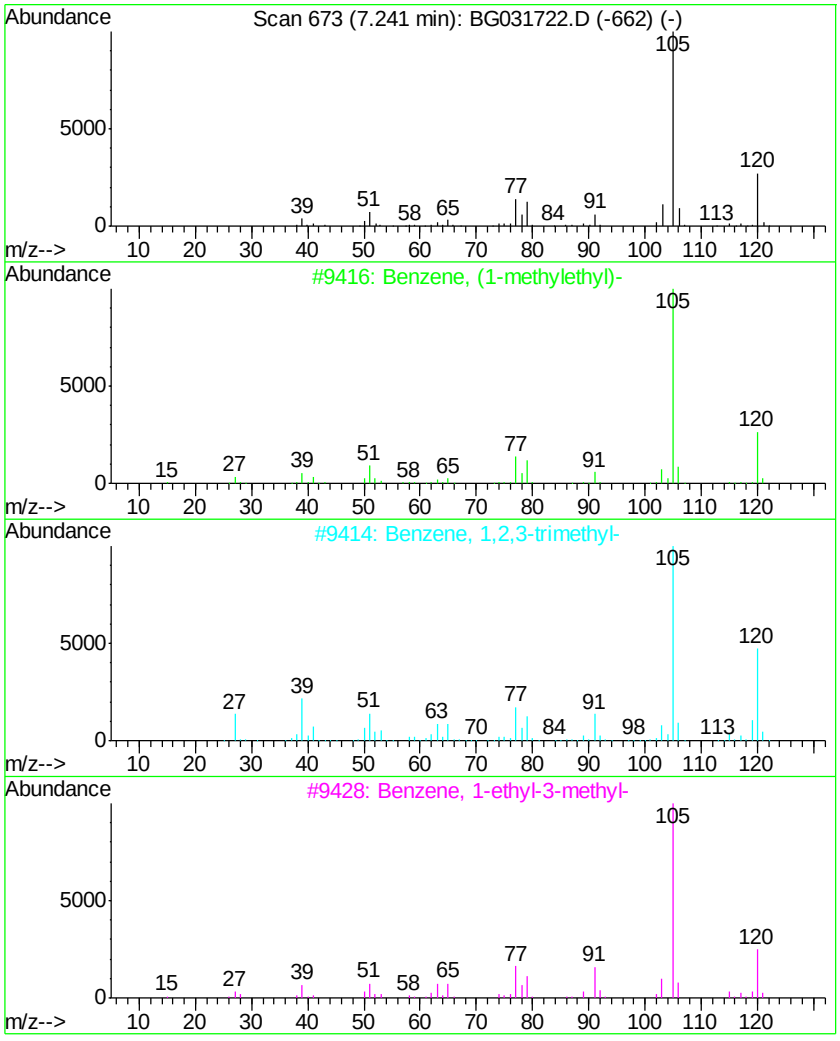
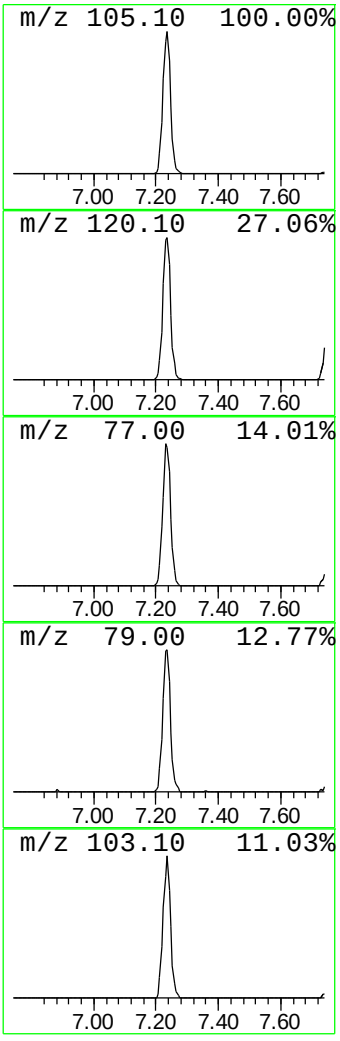
Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	29.77 ng	399244	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

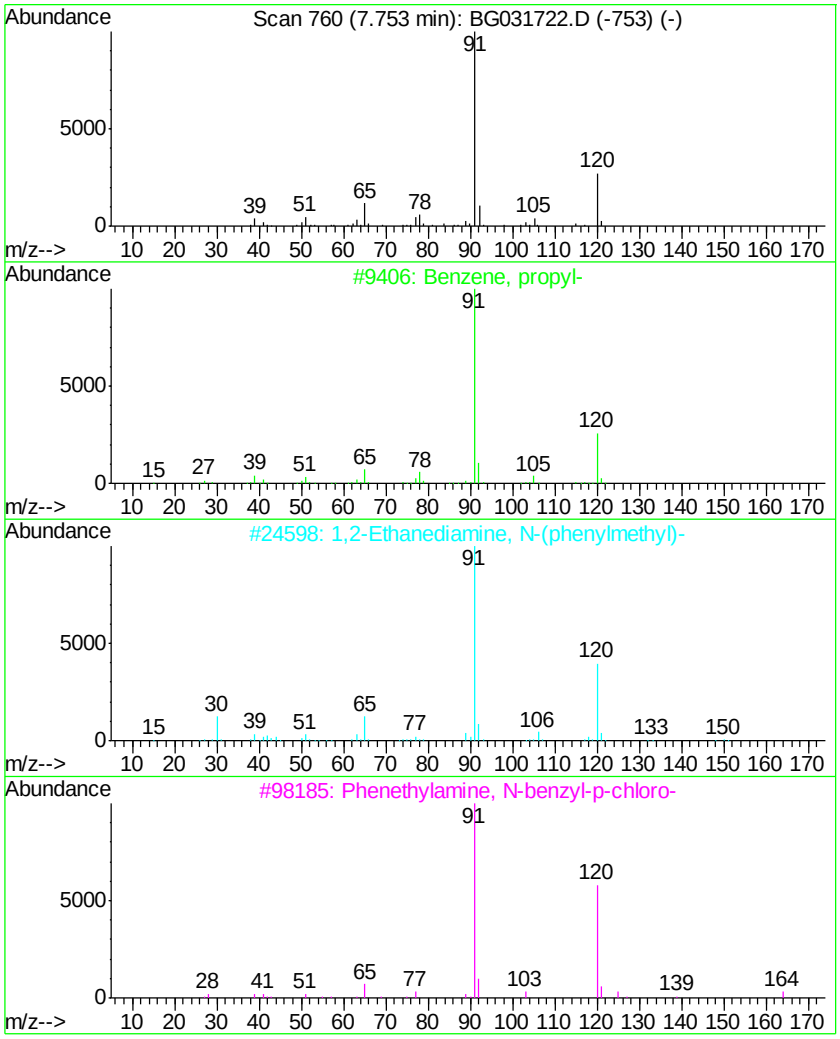
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

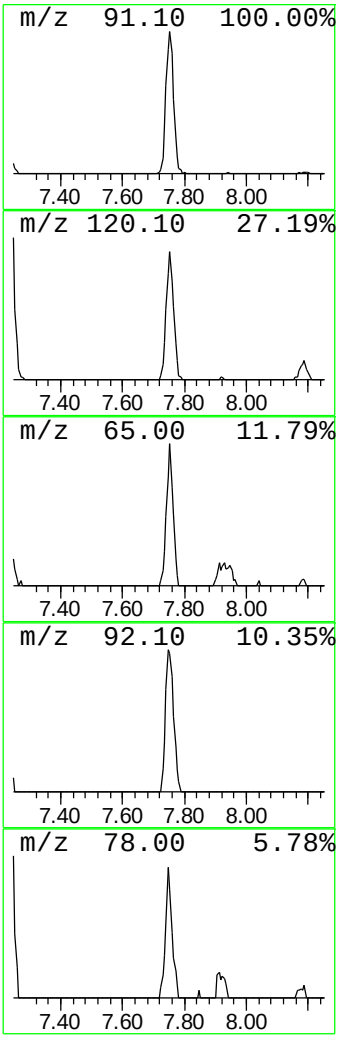
****

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	10.40 ng	139498	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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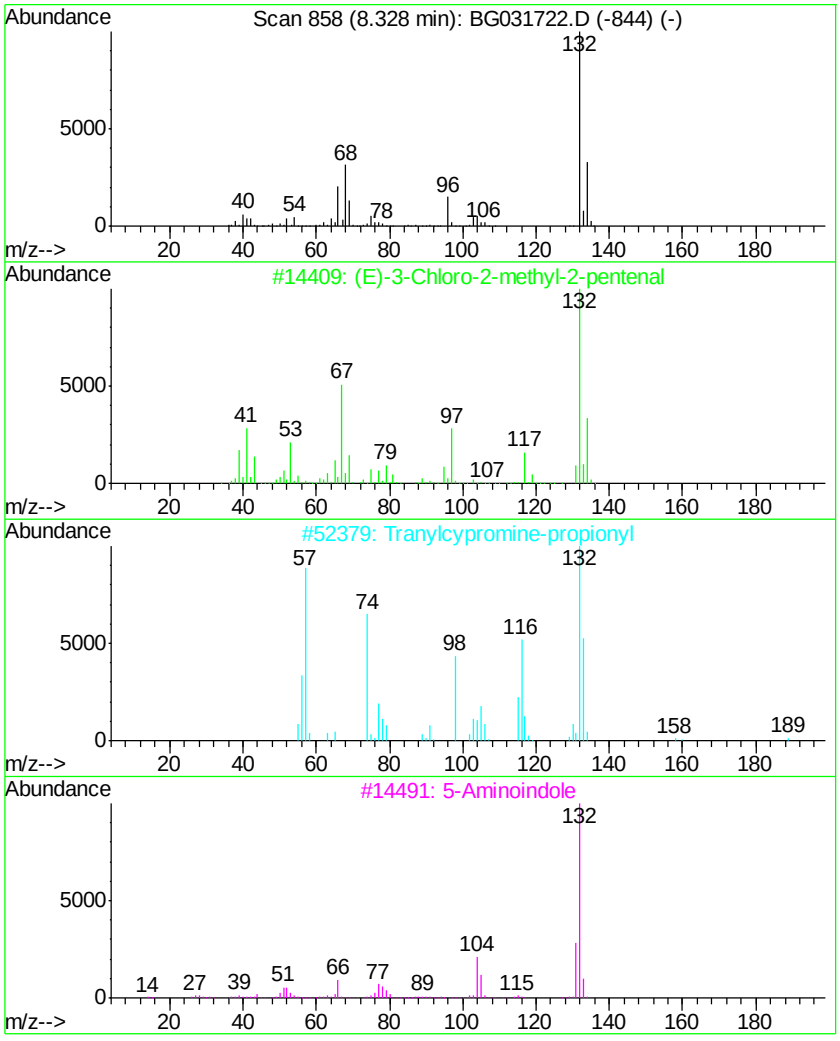
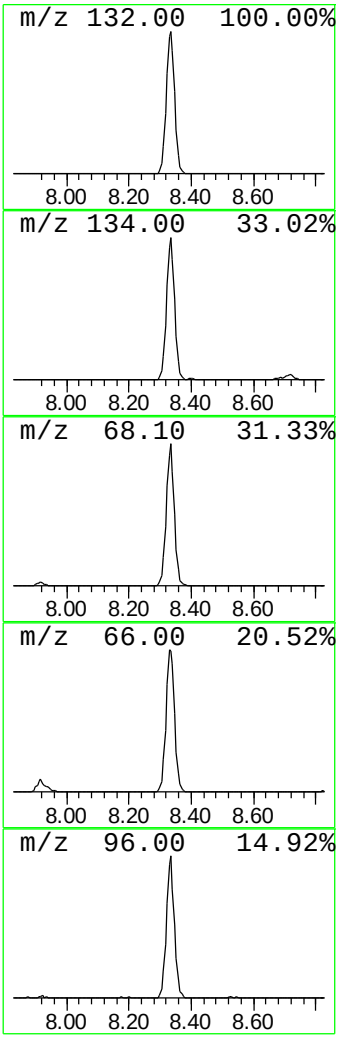
Peak Number 4 unknown8.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	81.23 ng	1089490	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

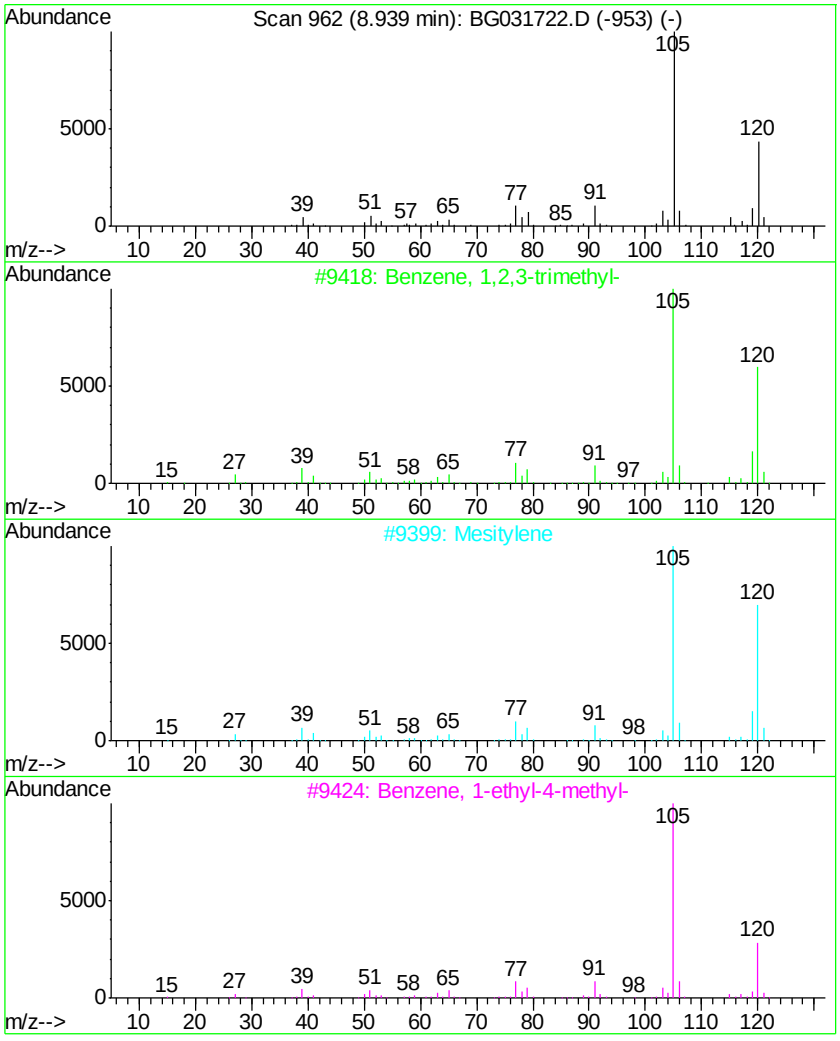
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

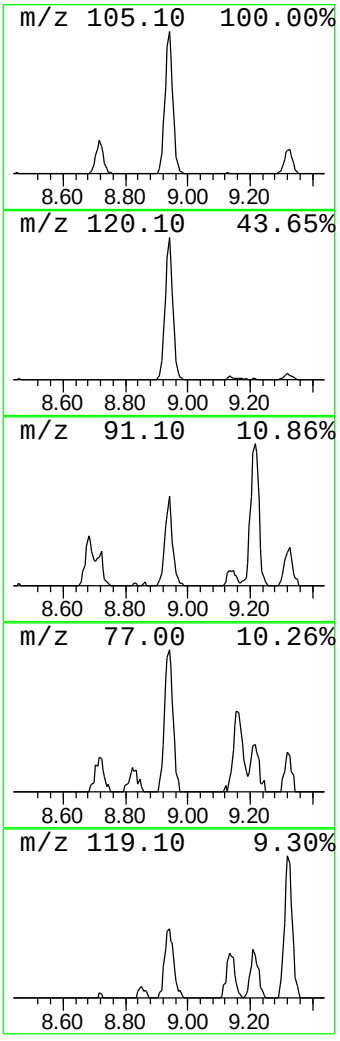
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	17.39 ng	233261	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

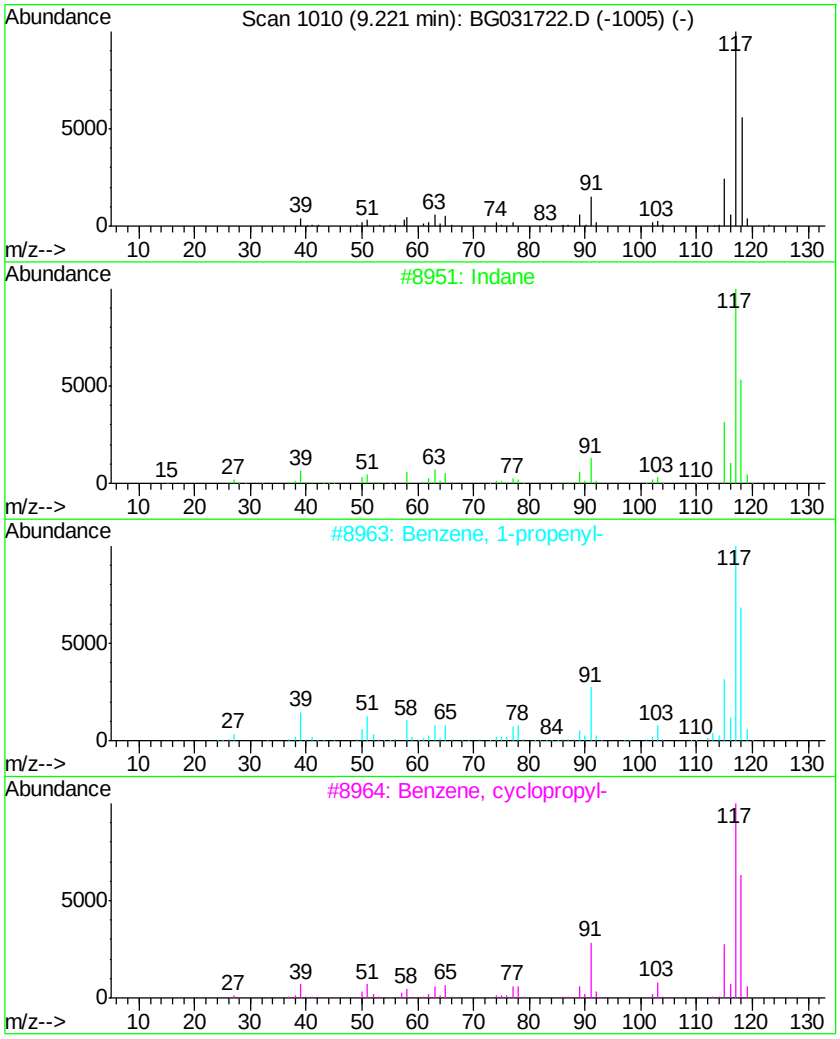
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

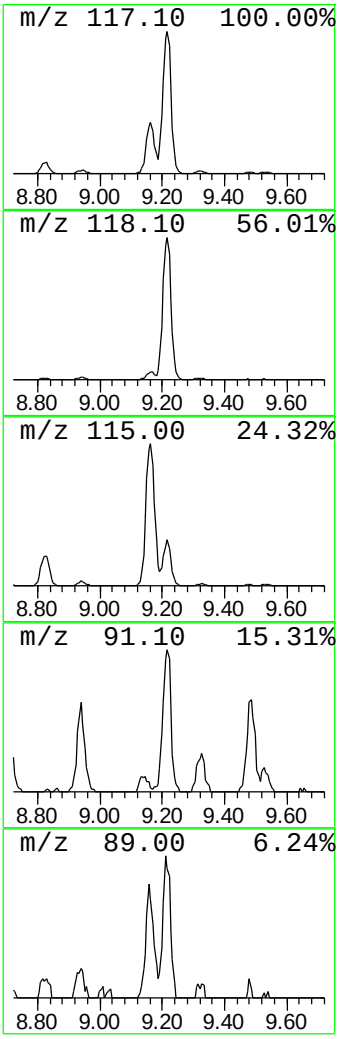
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	23.45 ng	314495	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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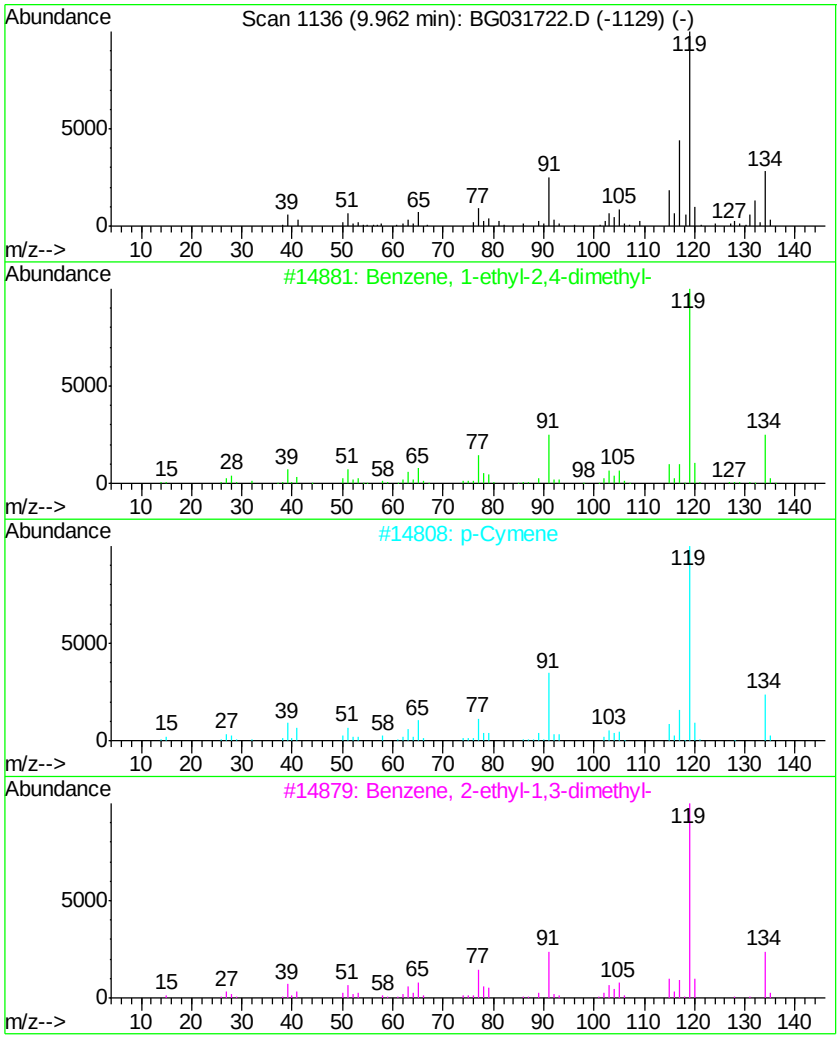
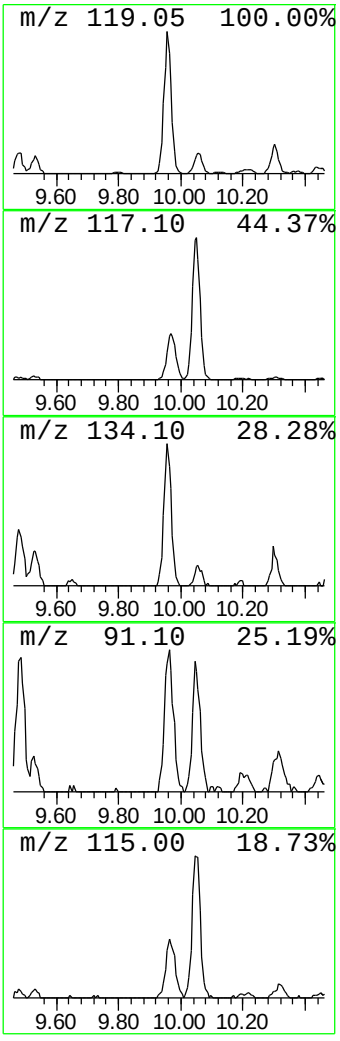
Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	13.98 ng	187497	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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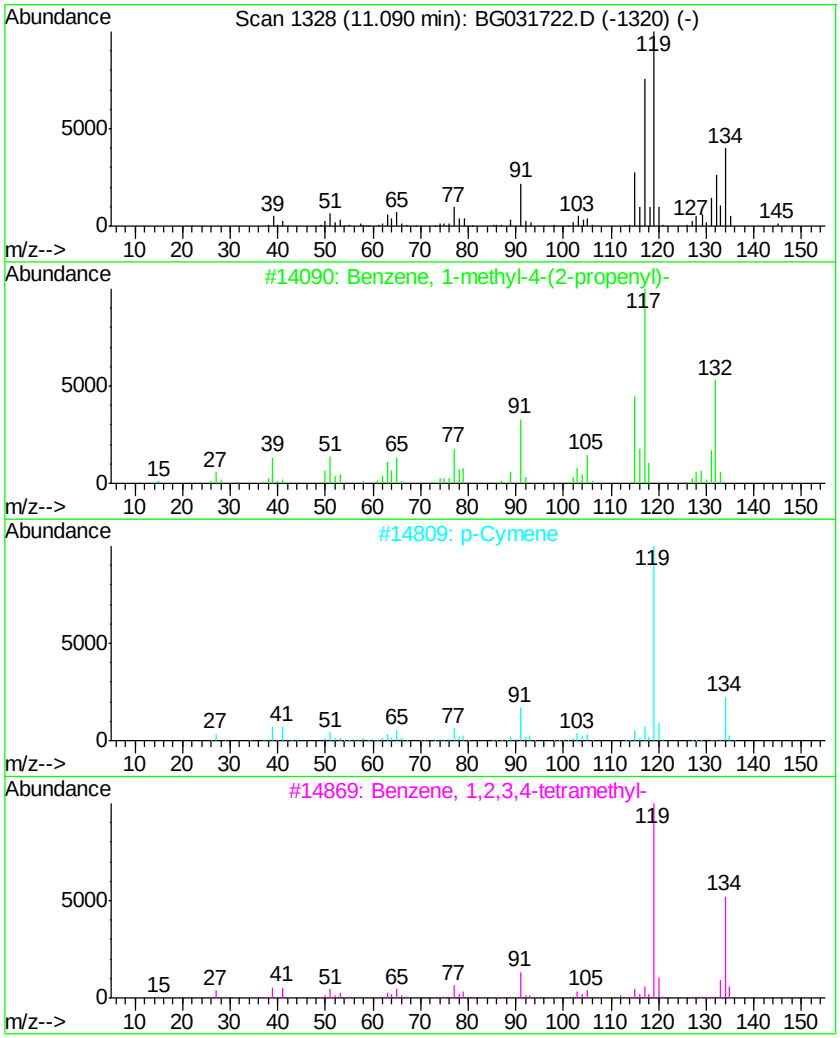
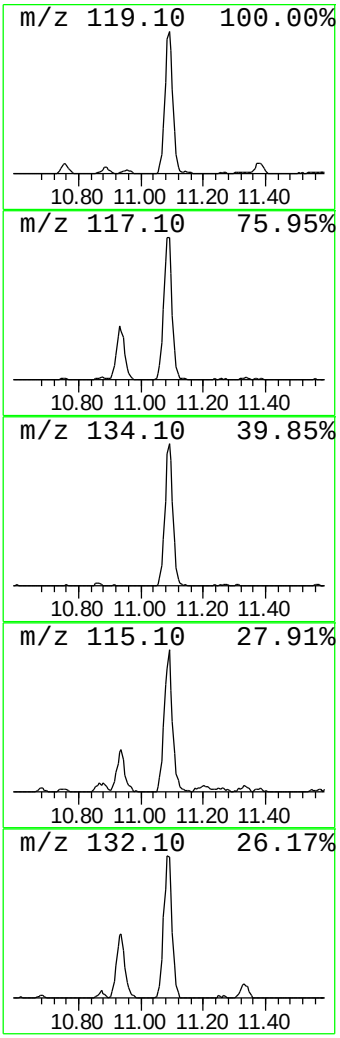
Peak Number 9 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	21.48 ng	523124	Naphthalene-d8	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	p-Cymene	134	C10H14	000099-87-6	50
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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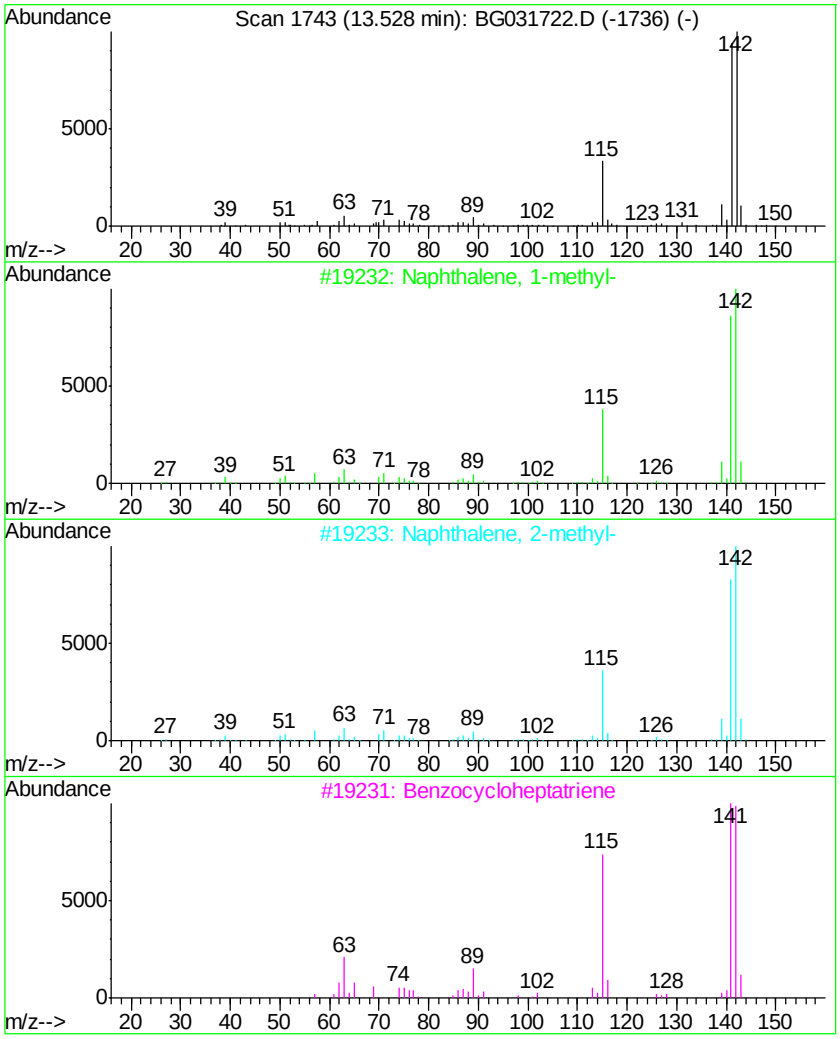
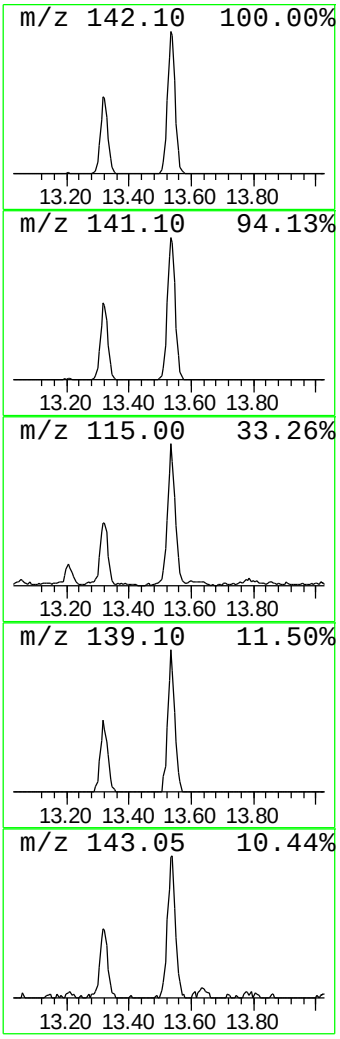
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	17.28 ng	420981	Naphthalene-d8	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031722.D
Acq On : 22 Dec 2017 21:55
Operator : SJ/JU
Sample : I7004-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-02-121817

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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
Benzene, (1-methy...	7.24	29.8	ng	399244	1	8.82	268237	20.0
Benzene, propyl-	7.75	10.4	ng	139498	1	8.82	268237	20.0
unknown8.33	8.33	81.2	ng	1089490	1	8.82	268237	20.0
Benzene, 1,2,3-tr...	8.94	17.4	ng	233261	1	8.82	268237	20.0
Indane	9.22	23.4	ng	314495	1	8.82	268237	20.0
Benzene, 1-ethyl-...	9.96	14.0	ng	187497	1	8.82	268237	20.0
Benzene, 1-methyl...	11.09	21.5	ng	523124	2	11.71	487148	20.0
Naphthalene, 1-me...	13.53	17.3	ng	420981	2	11.71	487148	20.0