LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

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_M\METHODS\8270-BM120915.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	3.928	136	143	157	rBV	4648122	7457188	13.05%	2.822%
2	5.246	359	367	373	rBV	5599532	9563590	16.73%	3.619%
3	5.305	373	377	383	rVV	598317	903889	1.58%	0.342%
4	5.375	383	389	405	rVV	4472893	10526429	18.42%	3.983%
5	5.746	442	452	464	rBV	3375007	5523726	9.66%	2.090%
6	6.816	627	634	639	rVV	2150167	3372296	5.90%	1.276%
7	6.875	639	644	651	rVV2	1381750	2511543	4.39%	0.950%
8	6.952	651	657	665	rVB	872690	1383182	2.42%	0.523%
9	7.257	699	709	715	rBV	1151547	1845467	3.23%	0.698%
10	7.381	723	730	737	rVV3	3211624	6244686	10.93%	2.363%
11	7.446	737	741	750	rVB	351205	582975	1.02%	0.221%
12	7.840	803	808	815	rVB	1007877	1639373	2.87%	0.620%
13	7.910	815	820	827	rVB	379116	629017	1.10%	0.238%
14	8.046	836	843	847	rBV	1012891	1830757	3.20%	0.693%
15	8.104	847	853	860	rVB	4327695	7862835	13.76%	2.975%
16	8.299	871	886	891	rBV	8388160	25254457	44.18%	9.556%
17	8.887	980	986	996	rVB	878970	1627553	2.85%	0.616%
18	8.993	996	1004	1012	rBV	457444	834554	1.46%	0.316%
19	9.404	1069	1074	1081	rVB	364300	601483	1.05%	0.228%
20	9.951	1155	1167	1173	rBV2	2452785	5806767	10.16%	2.197%
21	10.022	1173	1179	1184	rBV	2100160	4559217	7.98%	1.725%
22	10.222	1206	1213	1221	rBV	344581	601726	1.05%	0.228%
23	10.657	1257	1287	1292	rBV	10094808	57157390	100.00%	21.628%
24	10.728	1292	1299	1304	rVB	4198626	6699278	11.72%	2.535%
25	11.687	1455	1462	1474	rVB2	396624	1053546	1.84%	0.399%
26	12.081	1517	1529	1540	rVB	744305	1529905	2.68%	0.579%
27	12.216	1540	1552	1557	rBV	8392117	20938010	36.63%	7.923%
28	12.310	1561	1568	1574	rVV	568546	1022380	1.79%	0.387%
29	12.428	1574	1588	1594	rVB	6755066	15353662	26.86%	5.810%
30	12.992	1677	1684	1690	rVB	2437294	3608810	6.31%	1.366%
31	13.204	1713	1720	1729	rBV	1474034	2255604	3.95%	0.853%
32	13.398	1748	1753	1765	rVB	618163	1240157	2.17%	0.469%
33	13.551	1765	1779	1785	rBV3	1262501	3294848	5.76%	1.247%
34	13.698	1795	1804	1808	rBV	1791910	3388586	5.93%	1.282%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

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_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.751	1808	1813	1821	rVV	1159337	1950646	3.41%	0.738%
36	13.828	1821	1826	1835	rVB	690419	1011557	1.77%	0.383%
37	13.933	1836	1844	1848	rBV	806353	1330079	2.33%	0.503%
38	14.110	1865	1874	1882	rVB	5774549	10549896	18.46%	3.992%
39	14.351	1908	1915	1916	rBV	428808	578898	1.01%	0.219%
40	14.375	1916	1919	1925	rVB2	641040	924065	1.62%	0.350%
41	14.439	1925	1930	1936	rBV2	907350	1543482	2.70%	0.584%
42	14.775	1975	1987	1995	rBV	603566	1107309	1.94%	0.419%
43	14.957	2012	2018	2028	rBV3	267676	782207	1.37%	0.296%
44	15.245	2062	2067	2072	rBV	499861	692876	1.21%	0.262%
45	15.369	2079	2088	2092	rVV	448284	672977	1.18%	0.255%
46	15.427	2092	2098	2109	rVB	2242361	3734443	6.53%	1.413%
47	15.833	2161	2167	2169	rBV	642637	928914	1.63%	0.351%
48	15.869	2169	2173	2181	rVV	1625123	2498279	4.37%	0.945%
49	16.939	2345	2355	2362	rVB	478330	761950	1.33%	0.288%
50	17.121	2380	2386	2389	rBV	723746	1096116	1.92%	0.415%
51	17.169	2389	2394	2399	rVB	2859596	4304373	7.53%	1.629%
52	17.251	2404	2408	2414	rVV	709117	1026247	1.80%	0.388%
53	17.527	2450	2455	2460	rVB	675678	992400	1.74%	0.376%
54	18.192	2562	2568	2572	rBV3	377010	660732	1.16%	0.250%
55	19.545	2794	2798	2808	rVB	458483	677490	1.19%	0.256%
56	19.757	2828	2834	2843	rVB	3115639	4072189	7.12%	1.541%
57	21.315	3092	3099	3103	rBV	876131	1249535	2.19%	0.473%
58	21.409	3110	3115	3120	rBV	587855	677290	1.18%	0.256%
59	23.568	3474	3482	3491	rBV	515805	977681	1.71%	0.370%
60	23.803	3515	3522	3531	rBV	424063	771172	1.35%	0.292%

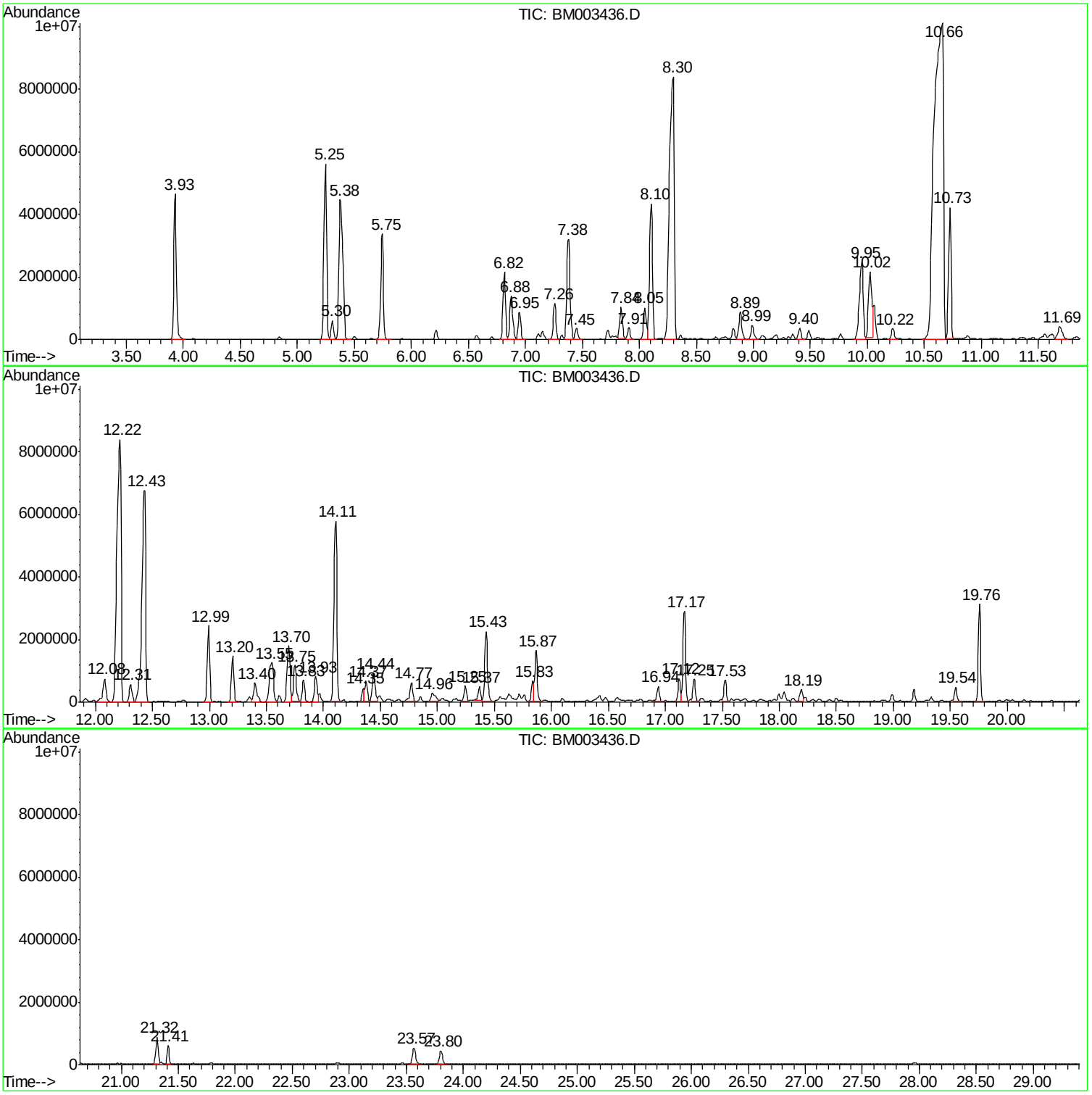
Sum of corrected areas: 264277689

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

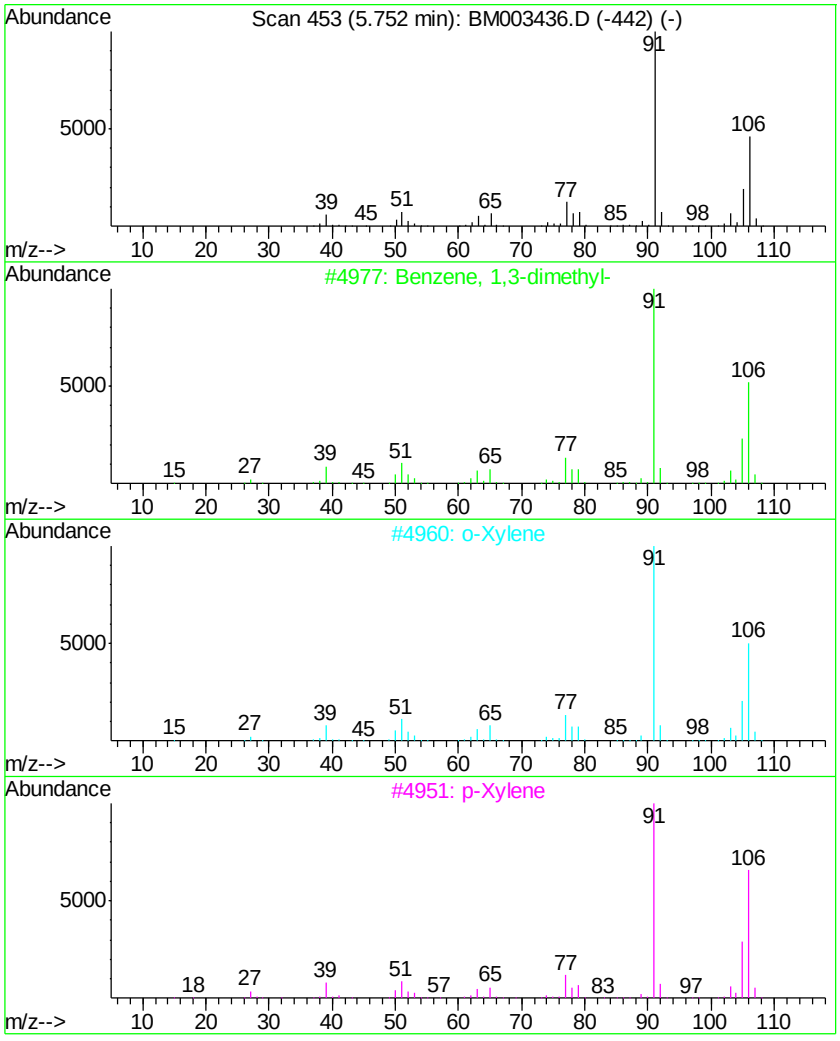
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

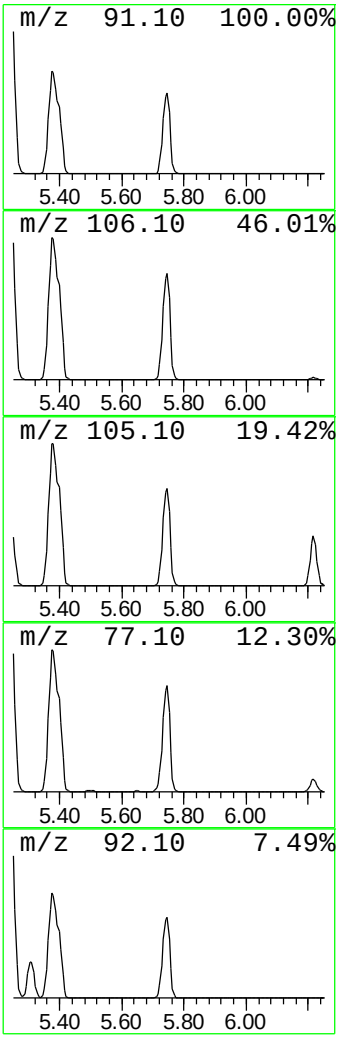
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	67.39 ng	5523730	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

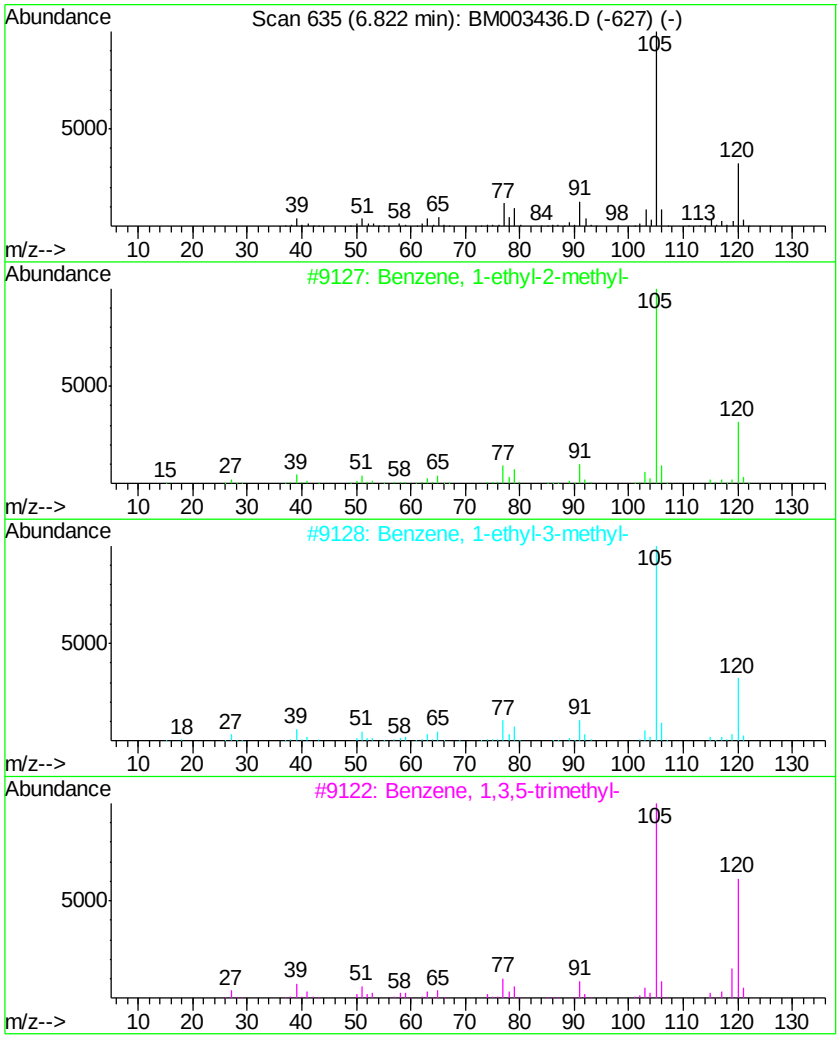
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

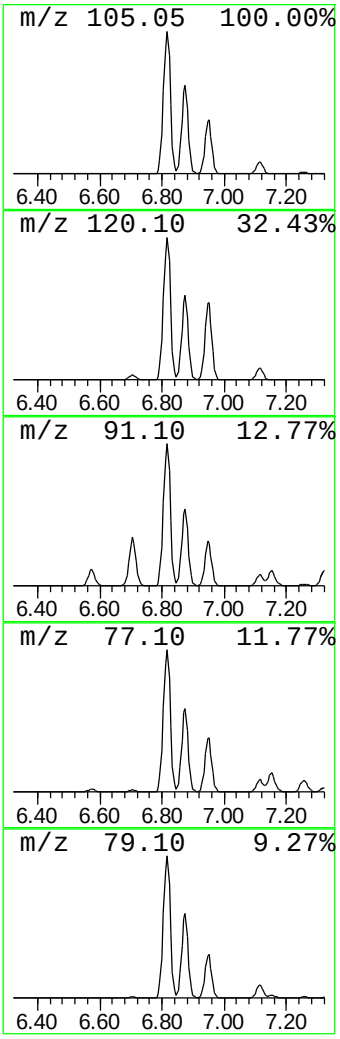
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	41.14 ng	3372300	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

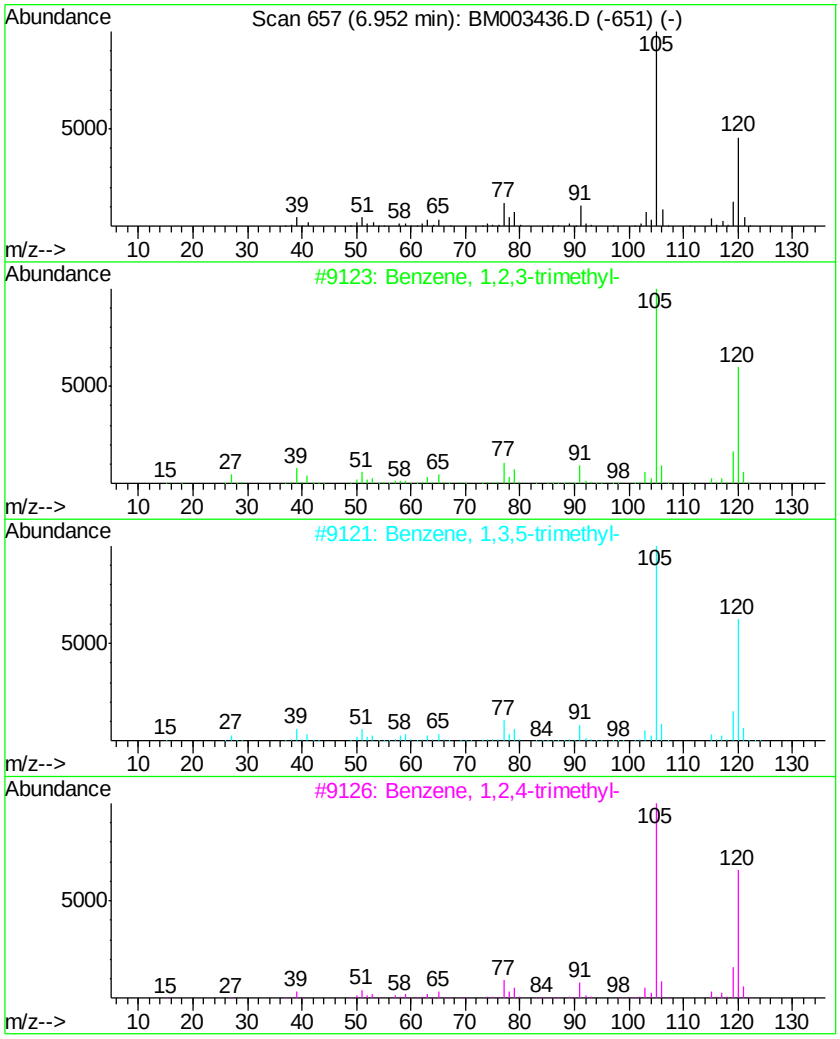
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

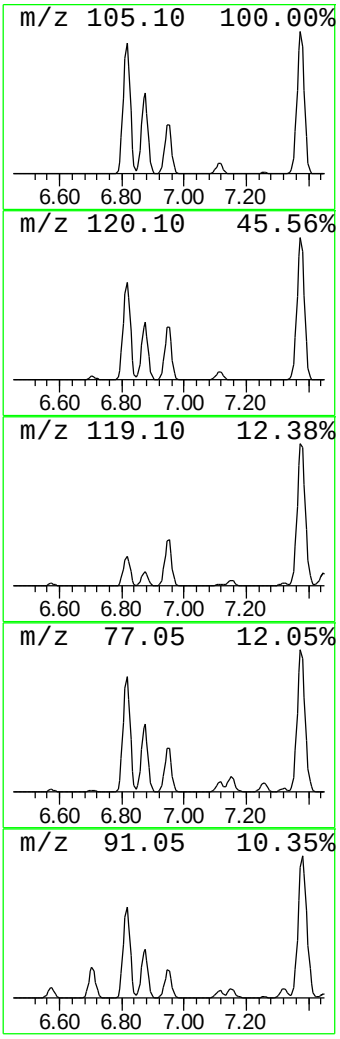
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	16.87 ng	1383180	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

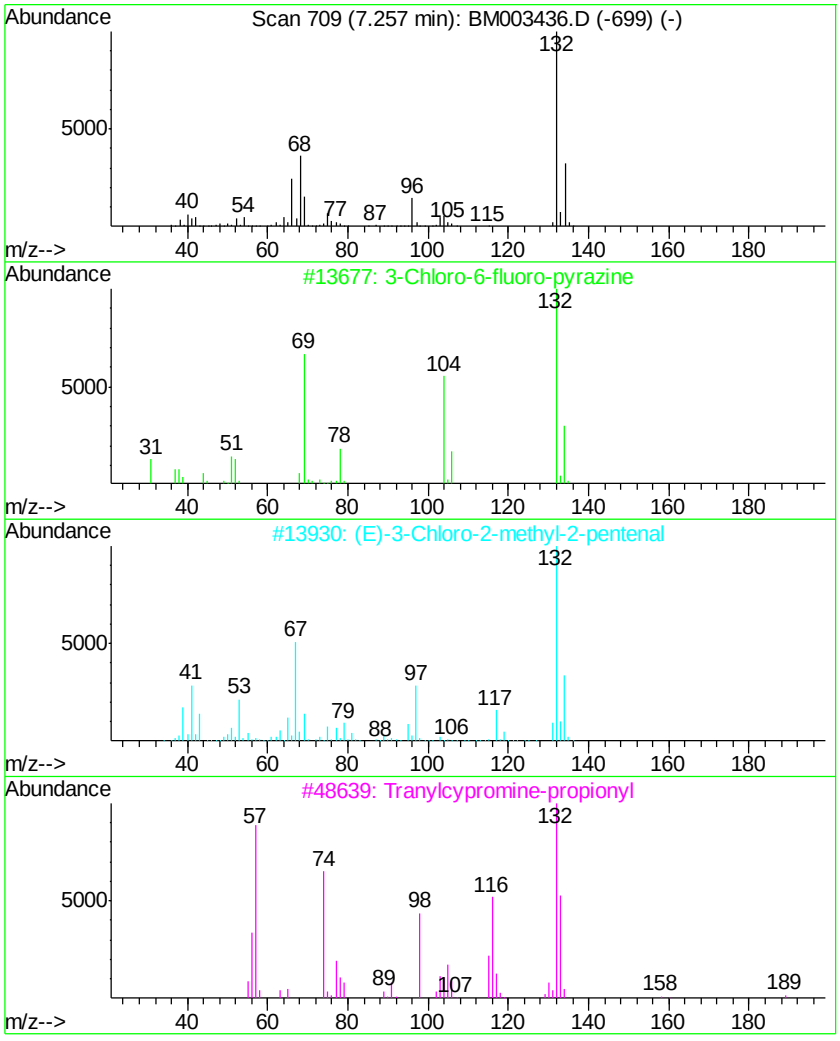
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

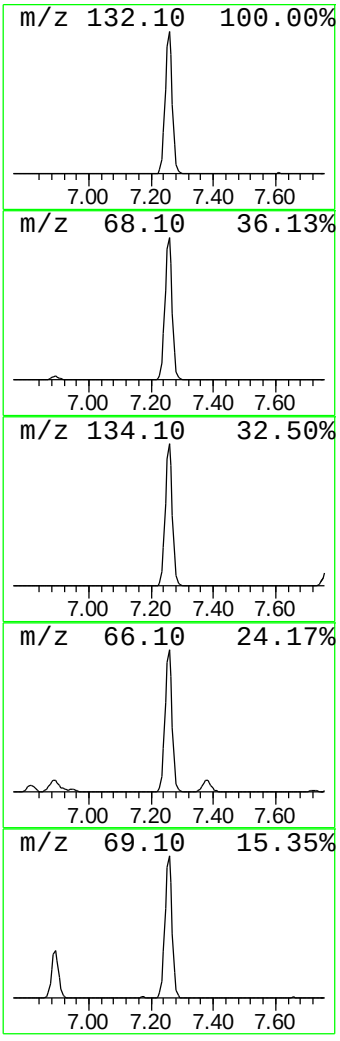
****

Peak Number 7 unknown7.26 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	22.51 ng	1845470	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

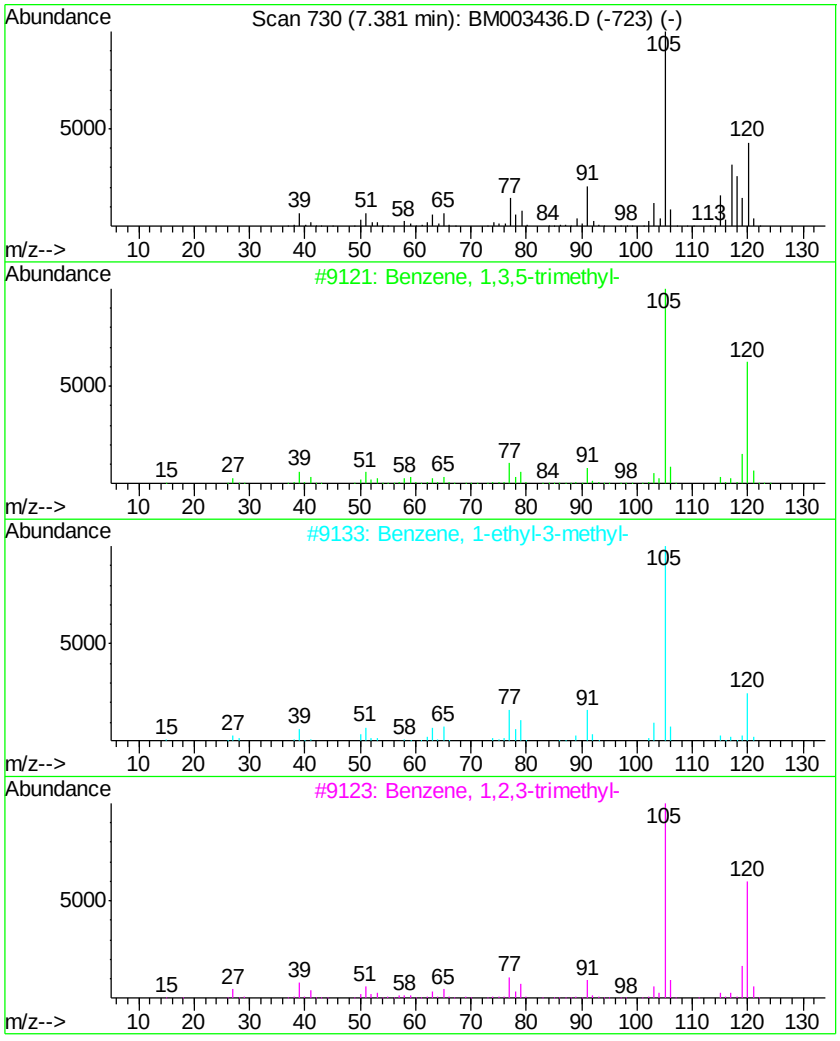
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

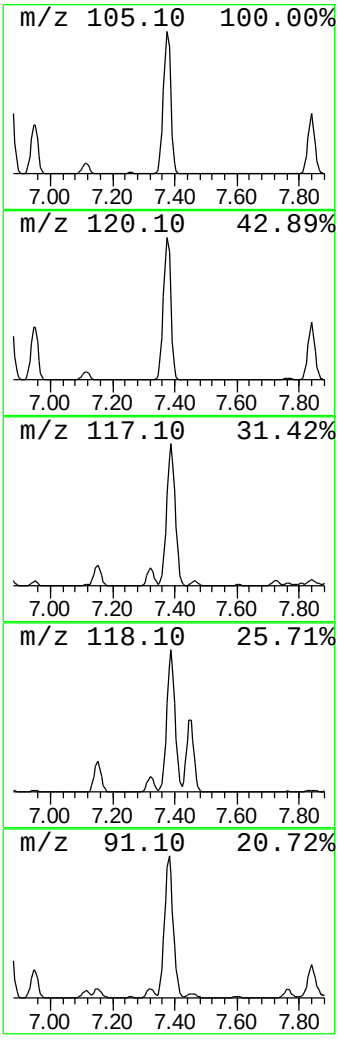
****

Peak Number 8 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	76.18 ng	6244690	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
4	2,4-Nonadiyne	120	C9H12	063621-15-8	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

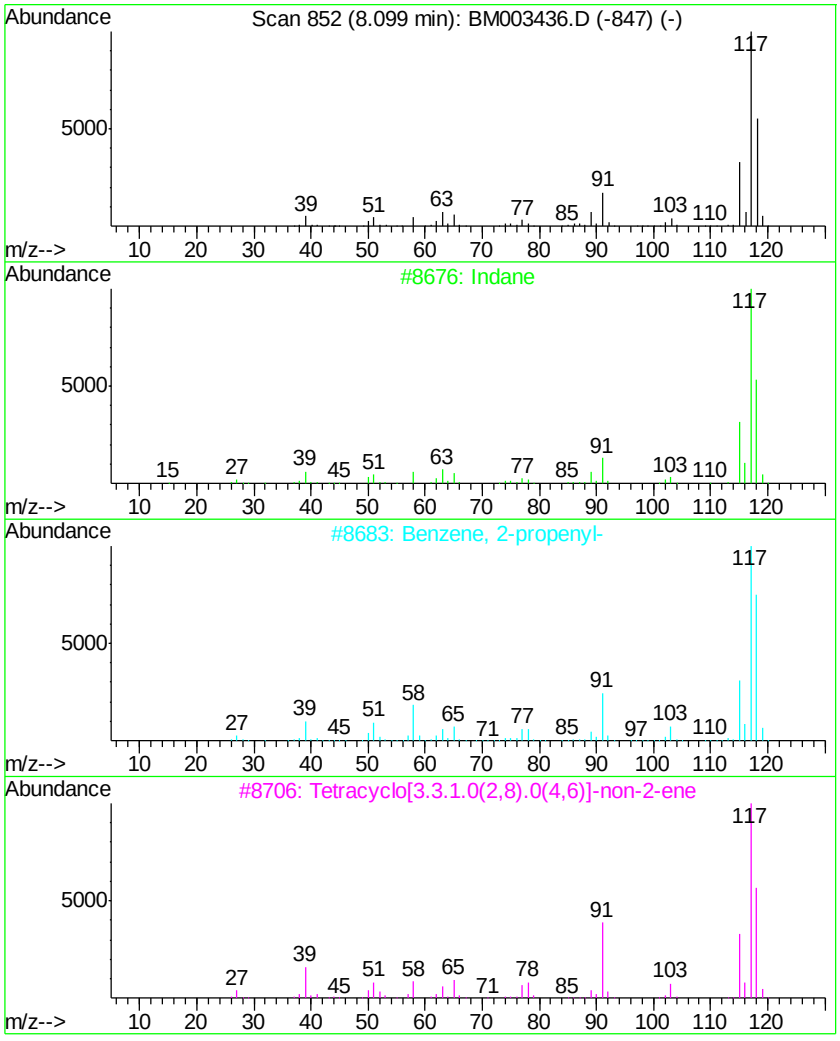
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

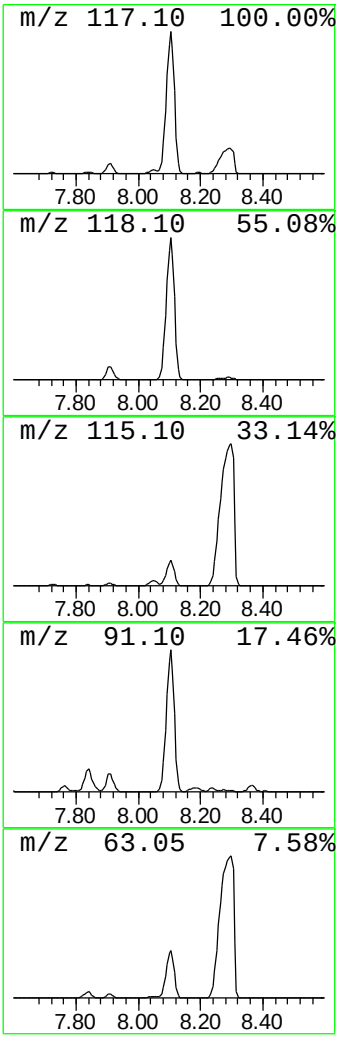
****

Peak Number 11 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	95.92 ng	7862840	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

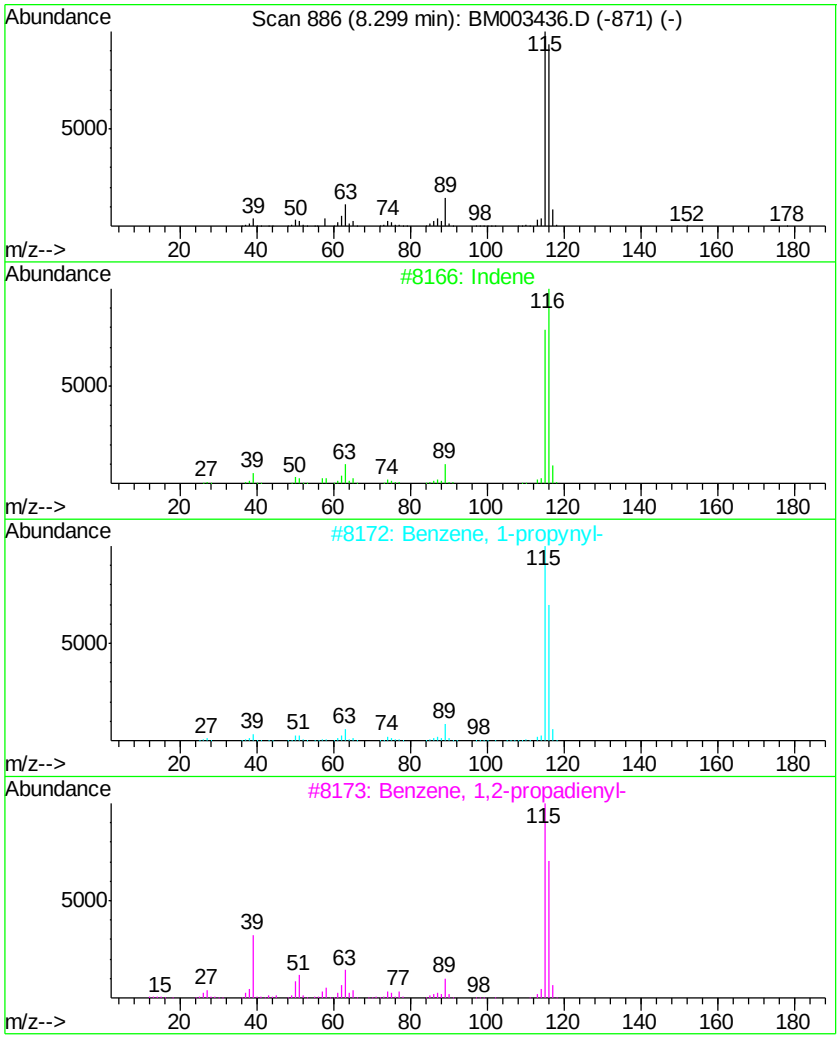
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

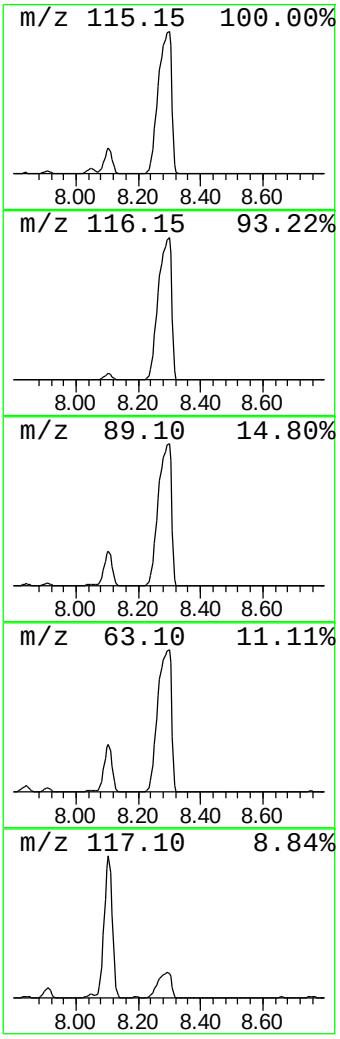
****

Peak Number 12 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	308.10 ng	25254500	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

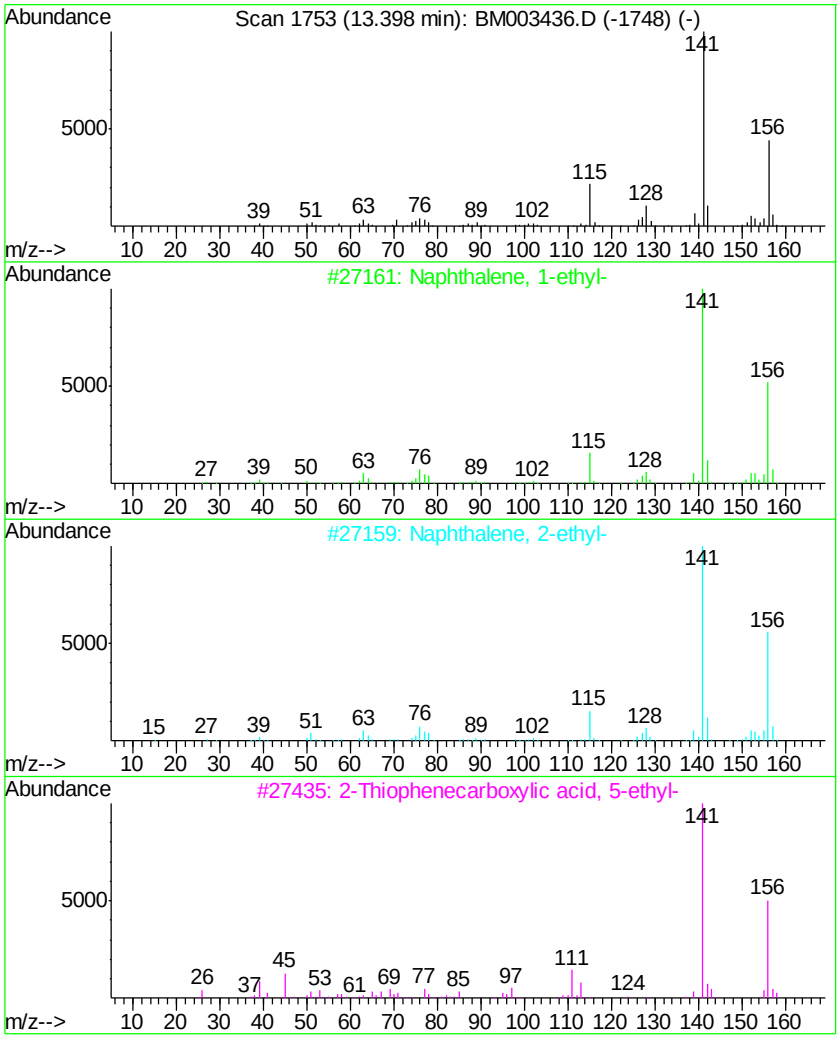
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

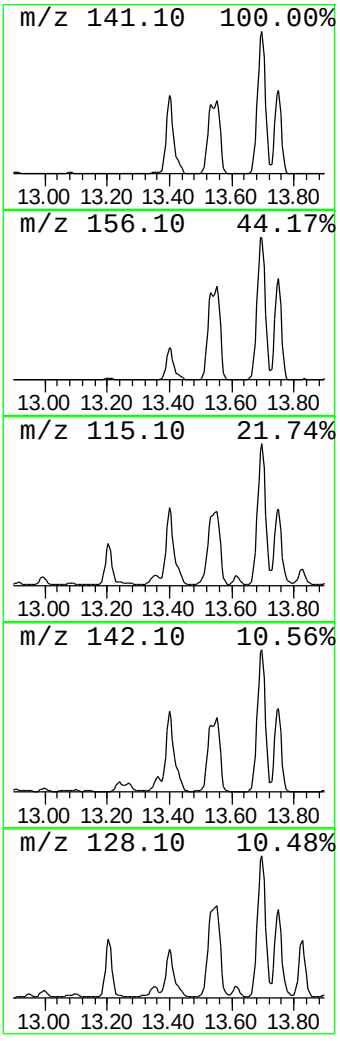
****

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	26.84 ng	1240160	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	43
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

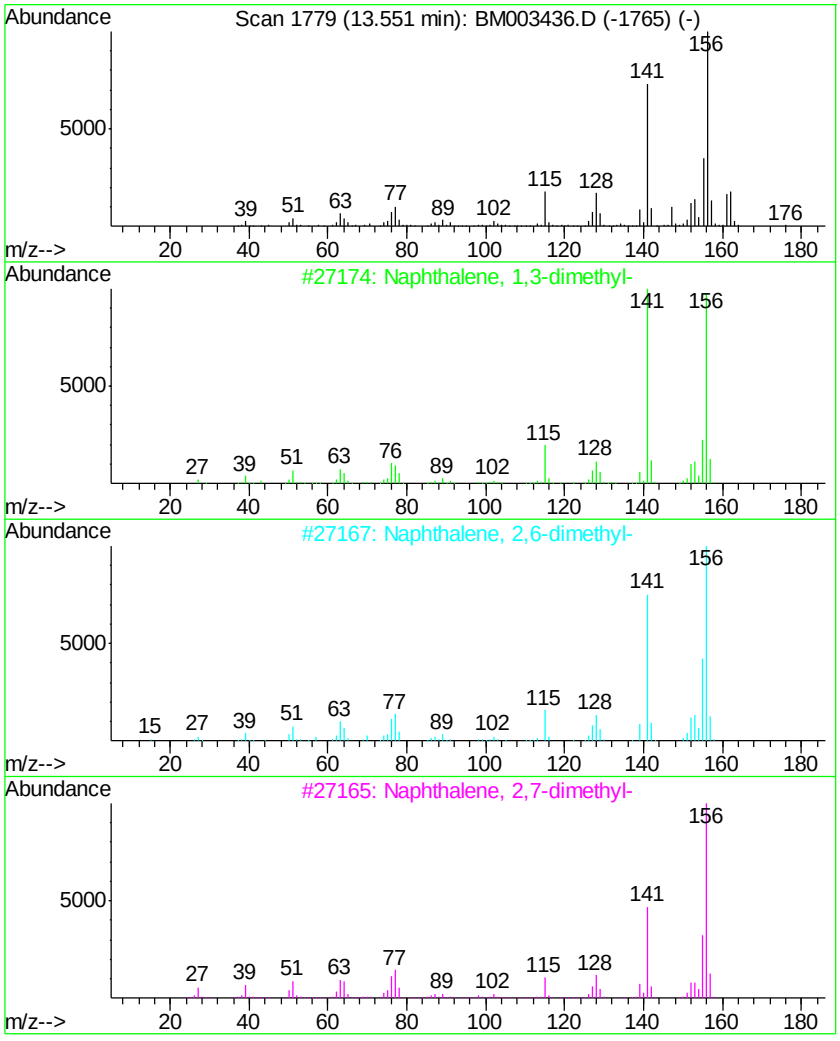
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

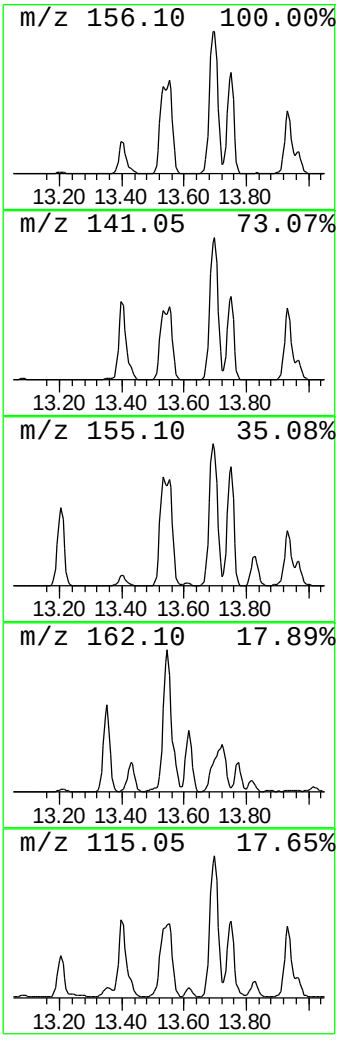
****

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	71.31 ng	3294850	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

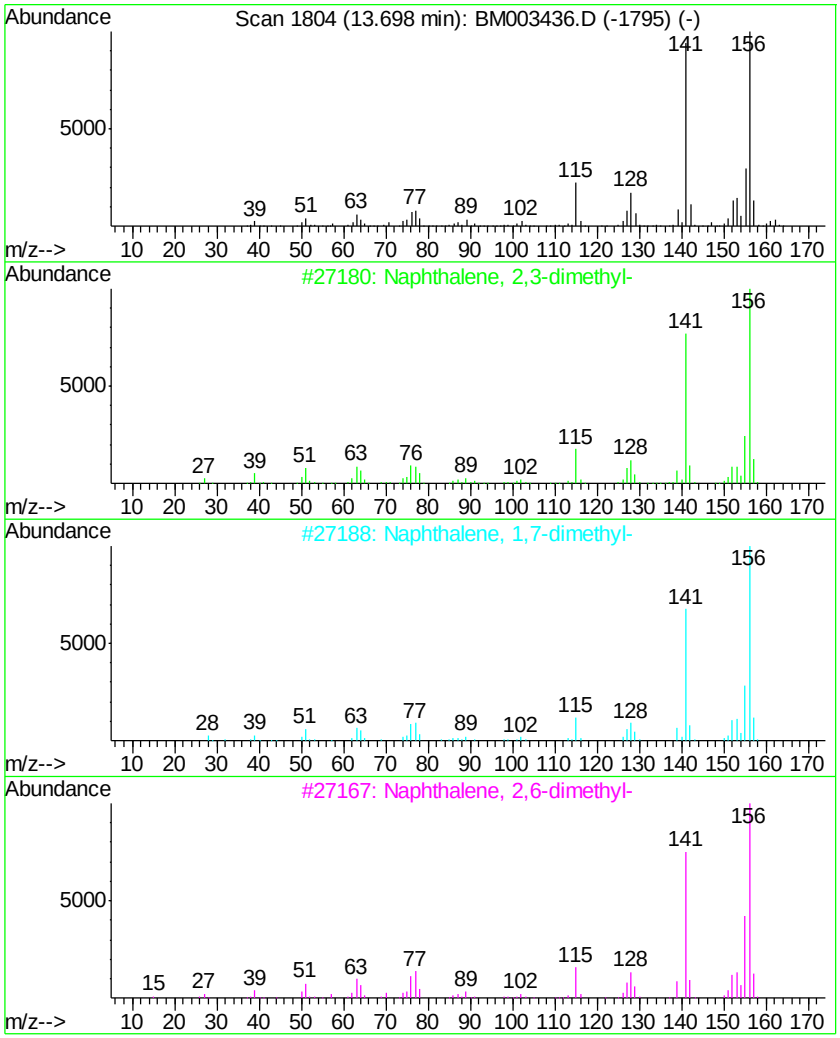
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

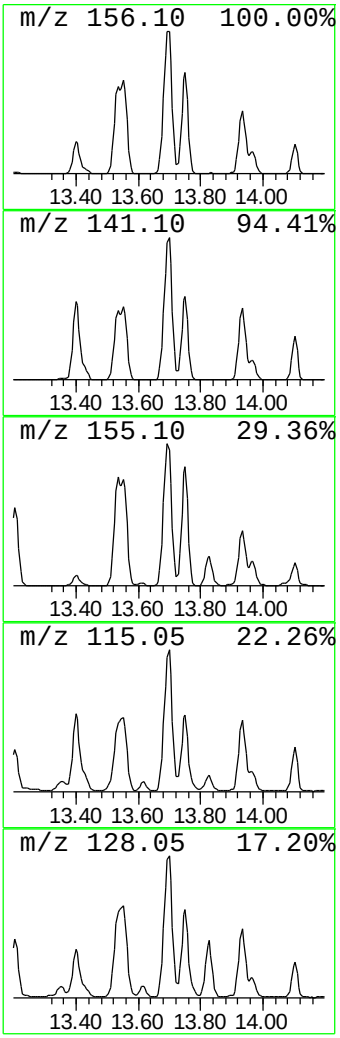
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	73.34 ng	3388590	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

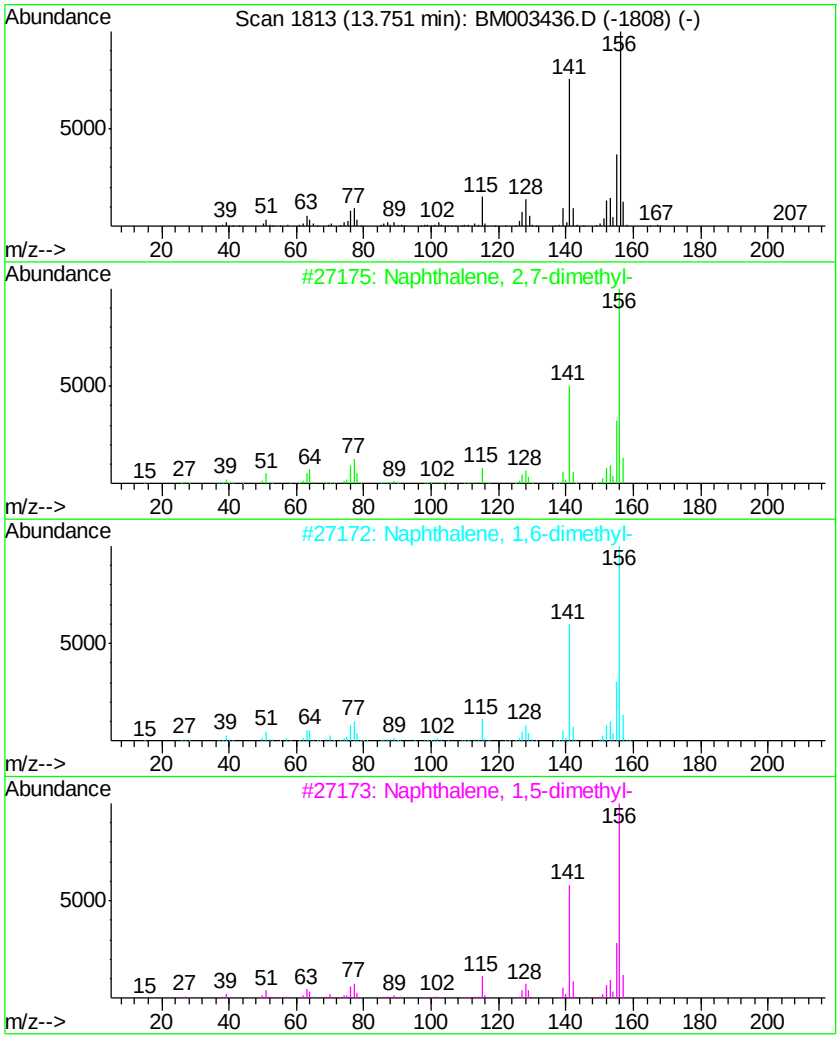
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

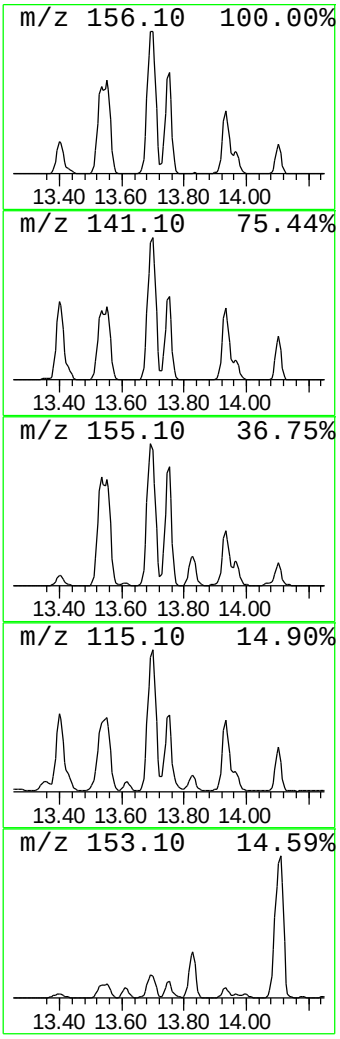
****

Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	42.22 ng	1950650	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

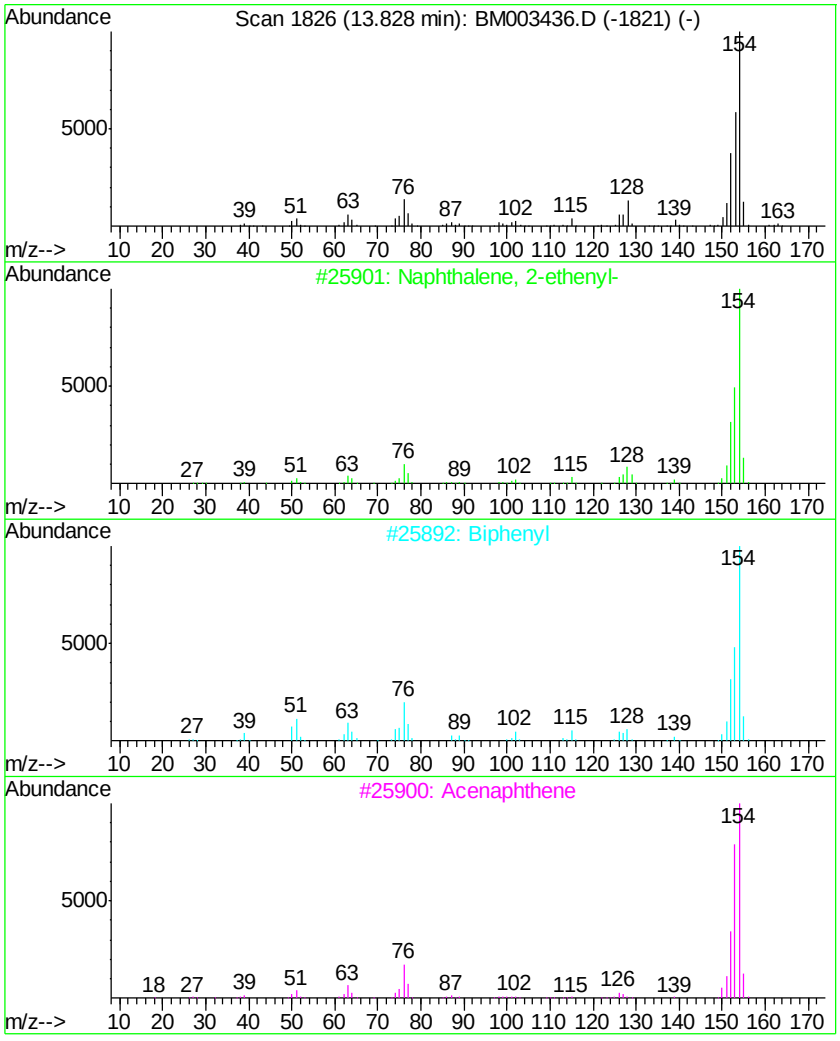
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

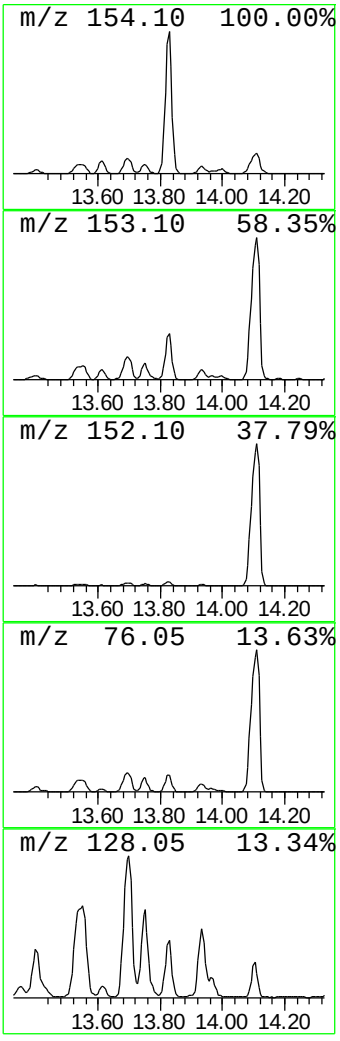
****

Peak Number 17 Naphthalene, 2-ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	21.89 ng	1011560	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Biphenyl	154	C12H10	000092-52-4	90
3	Acenaphthene	154	C12H10	000083-32-9	81
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	70
5	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

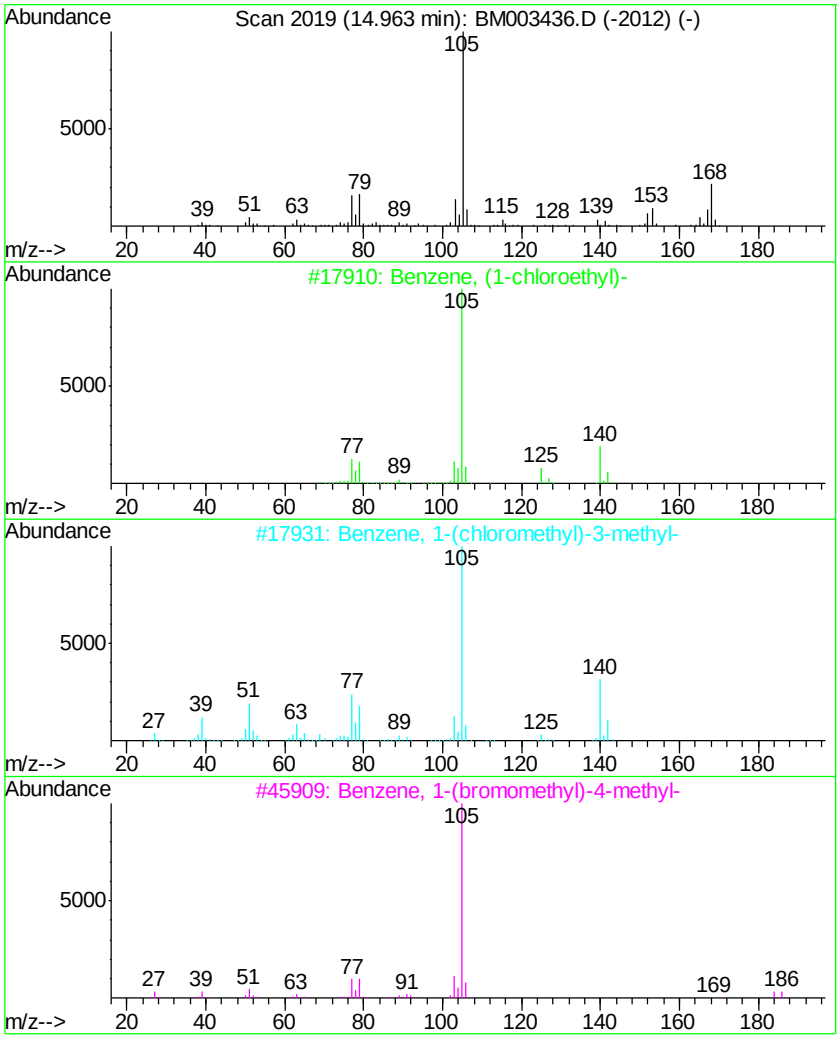
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

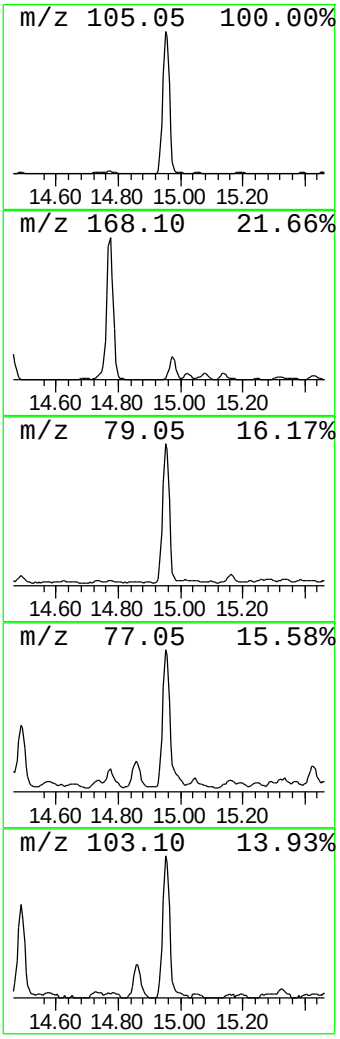
****

Peak Number 19 Benzene, (1-chloroethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	16.93 ng	782207	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-chloroethyl)-	140	C8H9Cl	000672-65-1	72
2	Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	64
3	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
4	(1-(Methylthio)ethyl)benzene	152	C9H12S	013125-70-7	64
5	Benzene, (3-chloro-1-methylpropyl)-	168	C10H13Cl	013556-61-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

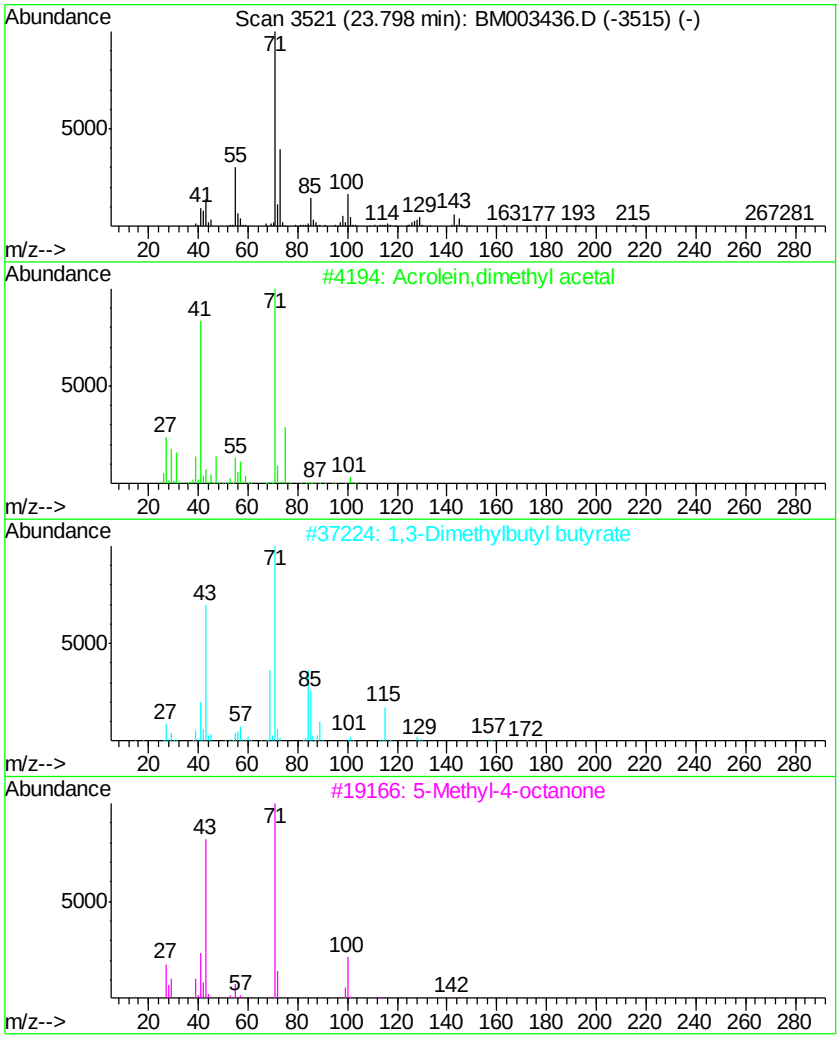
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

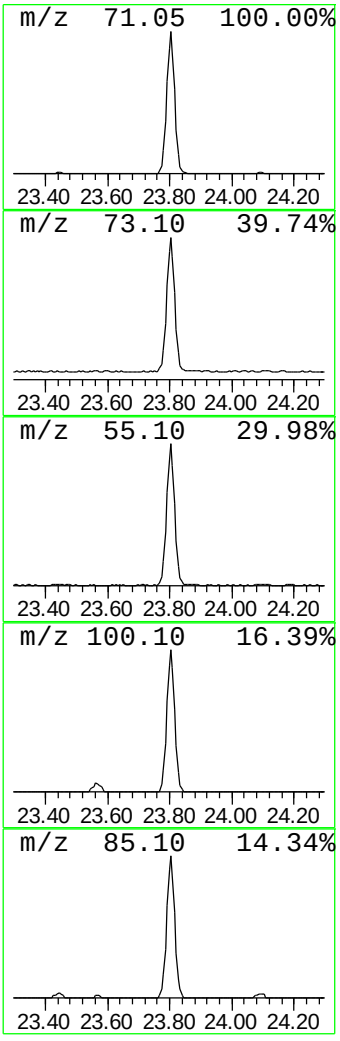
****

Peak Number 20 Acrolein,dimethyl acetal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	15.78 ng	771172	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
2	1,3-Dimethylbutyl butyrate	172	C10H20O2	005332-88-7	36
3	5-Methyl-4-octanone	142	C9H18O	006175-51-5	36
4	2-Butanol, 3-(2,2-dimethylpropoxy)-	160	C9H20O2	074793-66-1	33
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003436.D
Acq On : 10 Dec 2015 05:18
Operator : UM/IZ
Sample : G4681-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20151203-MGP218-BRV108

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
Benzene, 1,3-dime...	5.75	67.4	ng	5523730	1	7.72	1639370	20.0
Benzene, 1-ethyl-...	6.82	41.1	ng	3372300	1	7.72	1639370	20.0
Benzene, 1,2,3-tr...	6.95	16.9	ng	1383180	1	7.72	1639370	20.0
unknown7.26	7.26	22.5	ng	1845470	1	7.72	1639370	20.0
Benzene, 1,3,5-tr...	7.38	76.2	ng	6244690	1	7.72	1639370	20.0
Indane	8.10	95.9	ng	7862840	1	7.72	1639370	20.0
Indene	8.30	308.1	ng	25254500	1	7.72	1639370	20.0
Naphthalene, 1-et...	13.40	26.8	ng	1240160	3	14.37	924065	20.0
Naphthalene, 1,3-...	13.55	71.3	ng	3294850	3	14.37	924065	20.0
Naphthalene, 2,3-...	13.70	73.3	ng	3388590	3	14.37	924065	20.0
Naphthalene, 2,7-...	13.75	42.2	ng	1950650	3	14.37	924065	20.0
Naphthalene, 2-et...	13.83	21.9	ng	1011560	3	14.37	924065	20.0
Benzene, (1-chlor...	14.96	16.9	ng	782207	3	14.37	924065	20.0
Acrolein,dimethyl...	23.80	15.8	ng	771172	6	23.57	977681	20.0