LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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	3.416	50	56	58	rBV2	24552	35985	1.05%	0.103%
2	3.452	58	62	68	rVB2	119036	192751	5.60%	0.550%
3	3.681	98	101	103	rBV	36695	45332	1.32%	0.129%
4	3.710	103	106	111	rVB2	56801	75813	2.20%	0.216%
5	3.775	114	117	123	rVB	35480	49856	1.45%	0.142%
6	3.922	135	142	146	rBV	162262	226285	6.58%	0.646%
7	3.963	146	149	153	rVB	37794	47255	1.37%	0.135%
8	4.099	166	172	176	rBV3	32504	59078	1.72%	0.169%
9	4.158	176	182	187	rVV3	36503	82665	2.40%	0.236%
10	4.228	187	194	203	rVB5	54554	146845	4.27%	0.419%
11	4.387	213	221	224	rBV2	32705	55462	1.61%	0.158%
12	4.422	224	227	231	rVV	42359	59588	1.73%	0.170%
13	4.463	231	234	241	rVB2	30666	54177	1.58%	0.155%
14	4.840	294	298	302	rVB	75969	91678	2.67%	0.262%
15	4.934	308	314	320	rVB4	40692	87017	2.53%	0.248%
16	5.240	362	366	371	rVB	38133	52095	1.51%	0.149%
17	5.305	371	377	383	rBV	471034	678137	19.72%	1.935%
18	5.369	383	388	390	rBV	188507	276098	8.03%	0.788%
19	5.740	447	451	454	rBV	46972	72249	2.10%	0.206%
20	6.216	525	532	542	rBV	169541	282947	8.23%	0.807%
21	6.704	609	615	620	rBV	261981	387165	11.26%	1.105%
22	6.887	639	646	648	rBV2	290971	497982	14.48%	1.421%
23	6.916	648	651	659	rVV	297161	492750	14.33%	1.406%
24	6.987	659	663	669	rVB	37584	60286	1.75%	0.172%
25	7.110	679	684	692	rBV	91449	147466	4.29%	0.421%
26	7.251	702	708	717	rVB	875128	1402301	40.77%	4.001%
27	7.369	723	728	734	rVB	138043	203869	5.93%	0.582%
28	7.622	768	771	776	rVB	31759	45145	1.31%	0.129%
29	7.722	782	788	793	rBV	231793	364129	10.59%	1.039%
30	7.834	802	807	816	rVB2	61759	109967	3.20%	0.314%
31	7.963	822	829	830	rBV	26364	43421	1.26%	0.124%
32	7.993	830	834	837	rVV	74898	122587	3.56%	0.350%
33	8.046	837	843	847	rVV	870091	1485928	43.21%	4.239%
34	8.098	847	852	860	rVB	1585204	2594436	75.44%	7.401%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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	8.210	860	871	877	rBV	297784	450504	13.10%	1.285%
36	8.363	890	897	902	rBV2	240687	390041	11.34%	1.113%
37	8.410	902	905	914	rVB	65092	99026	2.88%	0.283%
38	8.522	914	924	936	rBV	75590	137150	3.99%	0.391%
39	8.675	941	950	954	rVV	120864	223046	6.49%	0.636%
40	8.722	954	958	962	rVV3	79267	163108	4.74%	0.465%
41	8.787	962	969	971	rVV	125242	274487	7.98%	0.783%
42	8.828	971	976	980	rVV	592328	991807	28.84%	2.829%
43	8.881	980	985	997	rVB2	692793	1913416	55.63%	5.459%
44	9.069	1011	1017	1025	rVB5	49404	119577	3.48%	0.341%
45	9.169	1025	1034	1039	rBV2	50676	101458	2.95%	0.289%
46	9.345	1058	1064	1069	rVB	409810	612999	17.82%	1.749%
47	9.404	1069	1074	1081	rVB	151755	238805	6.94%	0.681%
48	9.481	1081	1087	1089	rBV3	20871	37079	1.08%	0.106%
49	9.510	1089	1092	1099	rVB2	51150	92737	2.70%	0.265%
50	9.604	1099	1108	1112	rBV	60432	97657	2.84%	0.279%
51	9.651	1112	1116	1121	rVB	26456	37776	1.10%	0.108%
52	9.710	1121	1126	1130	rBV2	70334	123466	3.59%	0.352%
53	9.763	1130	1135	1146	rVB	416550	750999	21.84%	2.142%
54	9.869	1148	1153	1155	rBV2	23871	37886	1.10%	0.108%
55	9.916	1155	1161	1168	rVB2	617663	1071660	31.16%	3.057%
56	9.987	1168	1173	1178	rBV3	54673	91599	2.66%	0.261%
57	10.098	1185	1192	1196	rVV4	36926	71367	2.08%	0.204%
58	10.145	1196	1200	1205	rVB	54545	87180	2.53%	0.249%
59	10.216	1205	1212	1221	rVB	66956	112133	3.26%	0.320%
60	10.398	1229	1243	1244	rBV5	23942	51848	1.51%	0.148%
61	10.434	1244	1249	1251	rVV	70155	117218	3.41%	0.334%
62	10.510	1251	1262	1266	rVV2	361988	949853	27.62%	2.710%
63	10.563	1266	1271	1277	rVV3	281034	539573	15.69%	1.539%
64	10.628	1277	1282	1290	rVB	148487	250532	7.28%	0.715%
65	10.728	1295	1299	1304	rVV	42448	61104	1.78%	0.174%
66	10.787	1304	1309	1318	rVB2	54350	110868	3.22%	0.316%
67	10.881	1318	1325	1329	rBV3	21971	46072	1.34%	0.131%
68	11.092	1356	1361	1363	rBV3	26638	42337	1.23%	0.121%
69	11.169	1370	1374	1379	rVB	78245	126572	3.68%	0.361%
70	11.339	1398	1403	1412	rBV4	40683	75781	2.20%	0.216%
71	11.428	1412	1418	1424	rVB	124471	215007	6.25%	0.613%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

72	11.622	1444	1451	1457	rBV2	86201	149677	4.35%	0.427%
73	11.704	1458	1465	1474	rBV2	35074	86619	2.52%	0.247%
74	11.839	1479	1488	1493	rBV4	34862	67919	1.97%	0.194%
75	11.904	1493	1499	1507	rVB3	113313	203658	5.92%	0.581%
76	12.016	1507	1518	1521	rBV5	14862	38197	1.11%	0.109%
77	12.069	1522	1527	1533	rVB3	31872	58532	1.70%	0.167%
78	12.181	1533	1546	1556	rBV3	53867	171938	5.00%	0.491%
79	12.398	1575	1583	1595	rBV2	254045	551153	16.03%	1.572%
80	12.510	1595	1602	1606	rVV4	61176	140511	4.09%	0.401%
81	12.710	1624	1636	1640	rBV9	14806	37577	1.09%	0.107%
82	12.845	1651	1659	1664	rBV2	49852	96828	2.82%	0.276%
83	12.992	1677	1684	1690	rVB	1727443	2629300	76.45%	7.501%
84	13.492	1764	1769	1773	rBV2	33216	59874	1.74%	0.171%
85	13.539	1773	1777	1782	rVV6	23042	55658	1.62%	0.159%
86	13.586	1782	1785	1790	rVB2	36455	53597	1.56%	0.153%
87	13.851	1823	1830	1840	rBV4	23523	50101	1.46%	0.143%
88	13.992	1846	1854	1862	rVB4	44597	76628	2.23%	0.219%
89	14.374	1908	1919	1926	rBV2	434252	695275	20.22%	1.983%
90	14.545	1941	1948	1955	rVB6	19757	42925	1.25%	0.122%
91	15.863	2166	2172	2180	rBV	1195179	1766587	51.37%	5.040%
92	16.610	2292	2299	2305	rBV2	30346	55163	1.60%	0.157%
93	17.121	2380	2386	2391	rBV	546439	761514	22.14%	2.172%
94	18.015	2533	2538	2544	rBV	37252	55189	1.60%	0.157%
95	18.233	2570	2575	2587	rBV	126093	192970	5.61%	0.551%
96	19.304	2752	2757	2766	rBV	43022	66865	1.94%	0.191%
97	19.756	2828	2834	2839	rBV	2710893	3439239	100.00%	9.812%
98	21.027	3046	3050	3059	rBV3	21185	36309	1.06%	0.104%
99	21.315	3093	3099	3105	rBV	766724	952865	27.71%	2.718%
100	23.568	3475	3482	3491	rVB2	489841	917836	26.69%	2.618%

Sum of corrected areas: 35052977

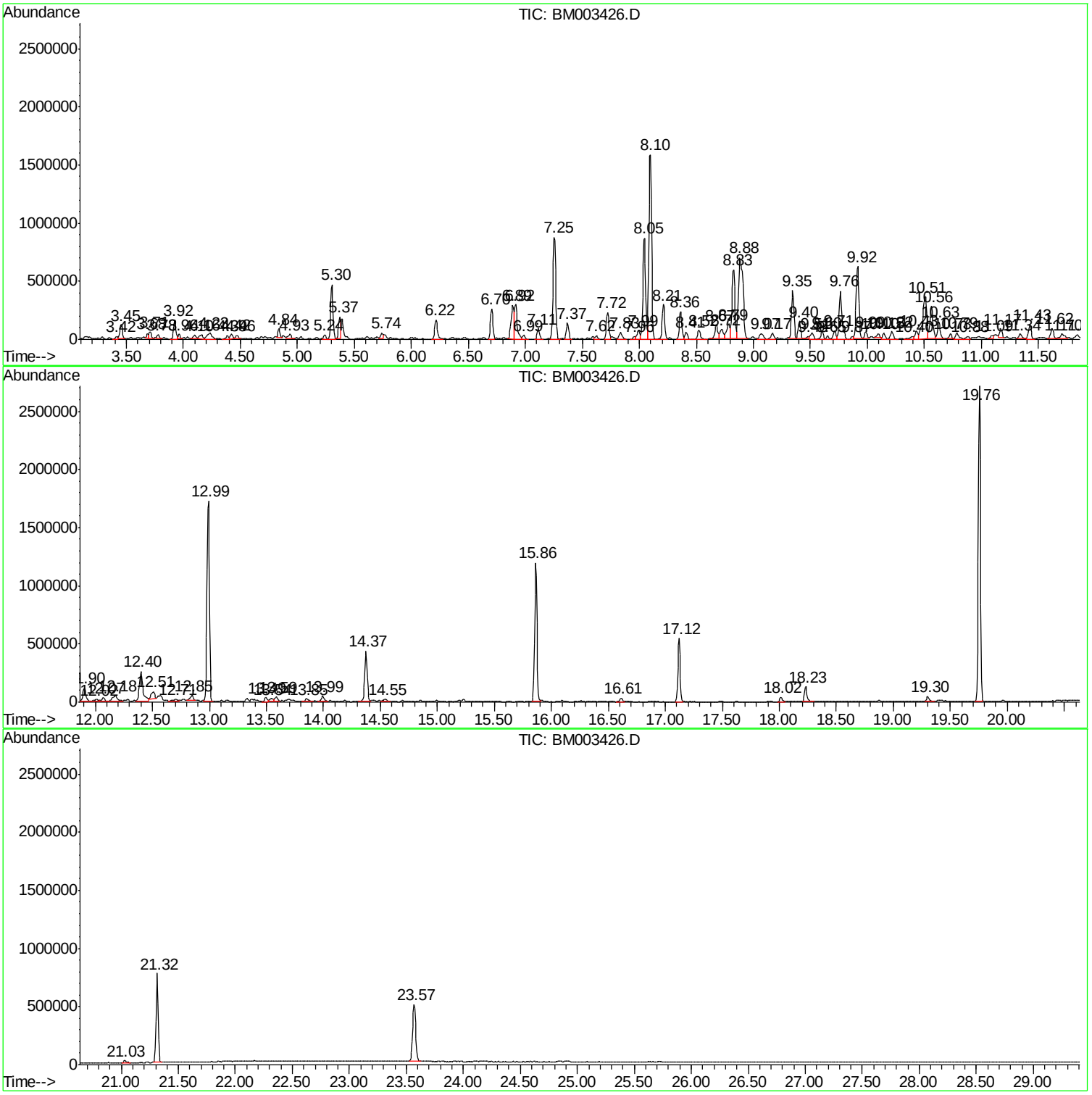
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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 : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

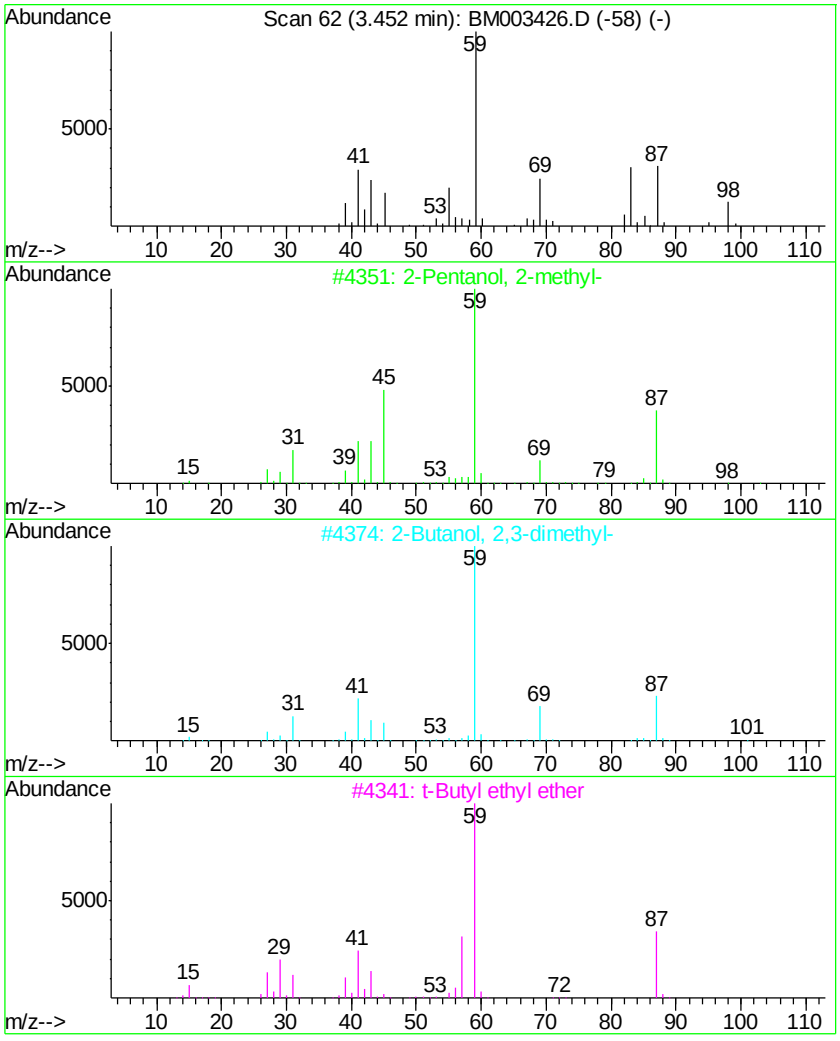
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

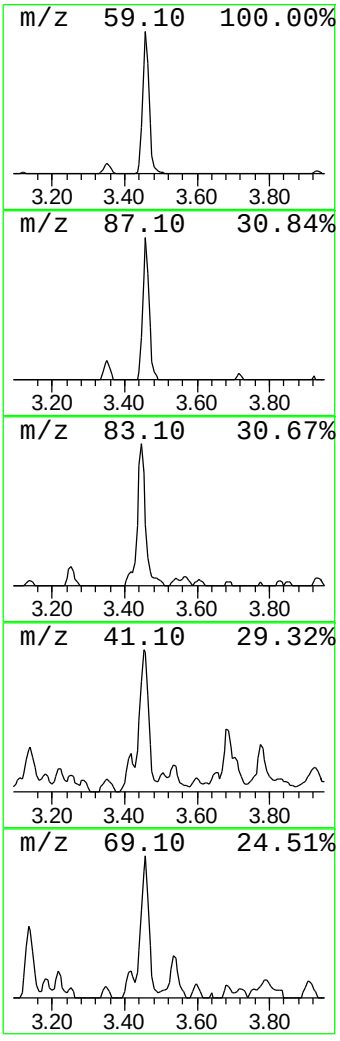
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	10.59 ng	192751	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	59
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
3	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	53
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	42
5	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

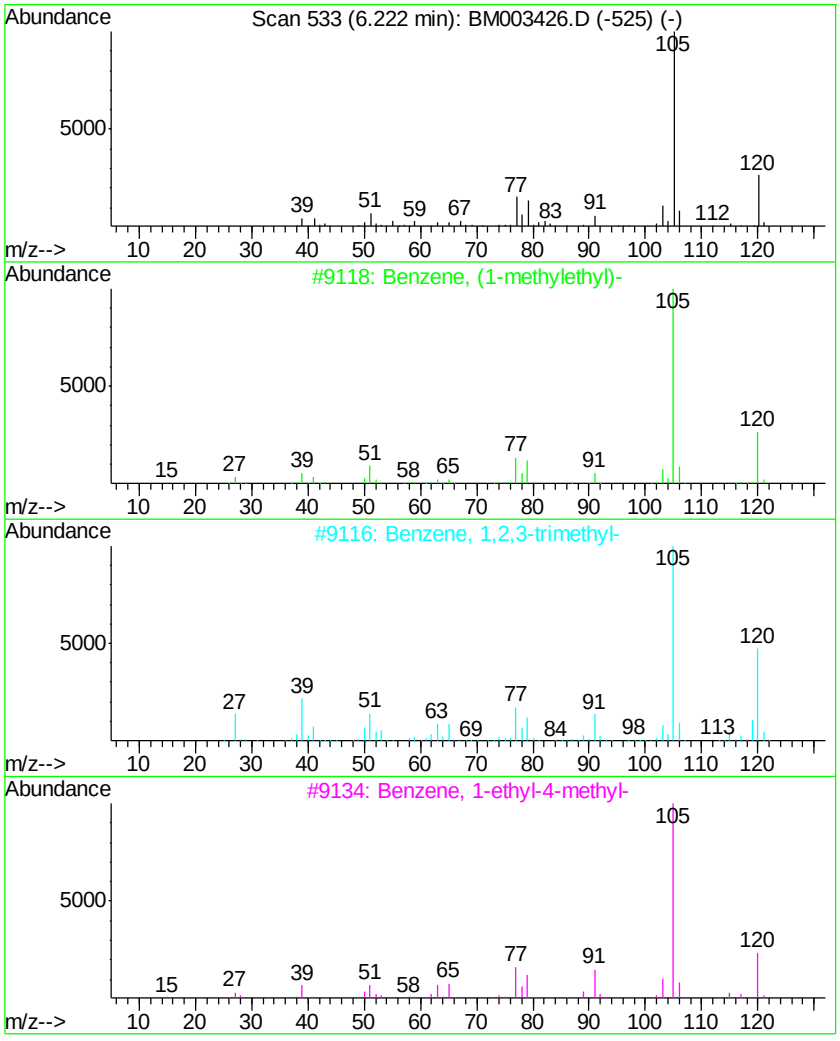
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

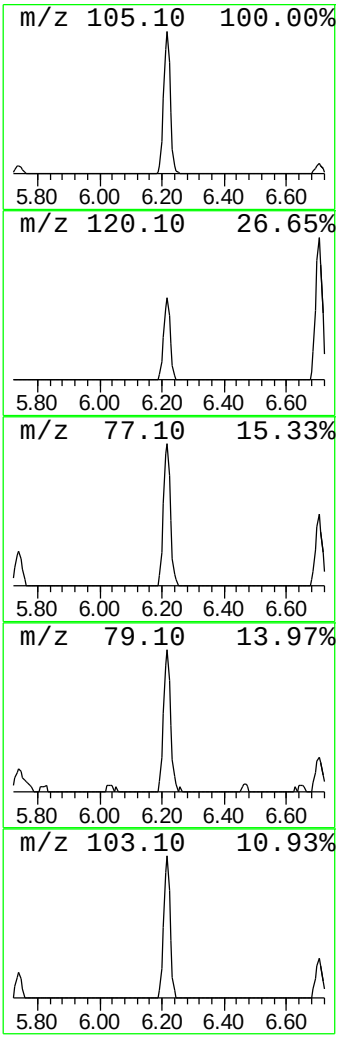
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	15.54 ng	282947	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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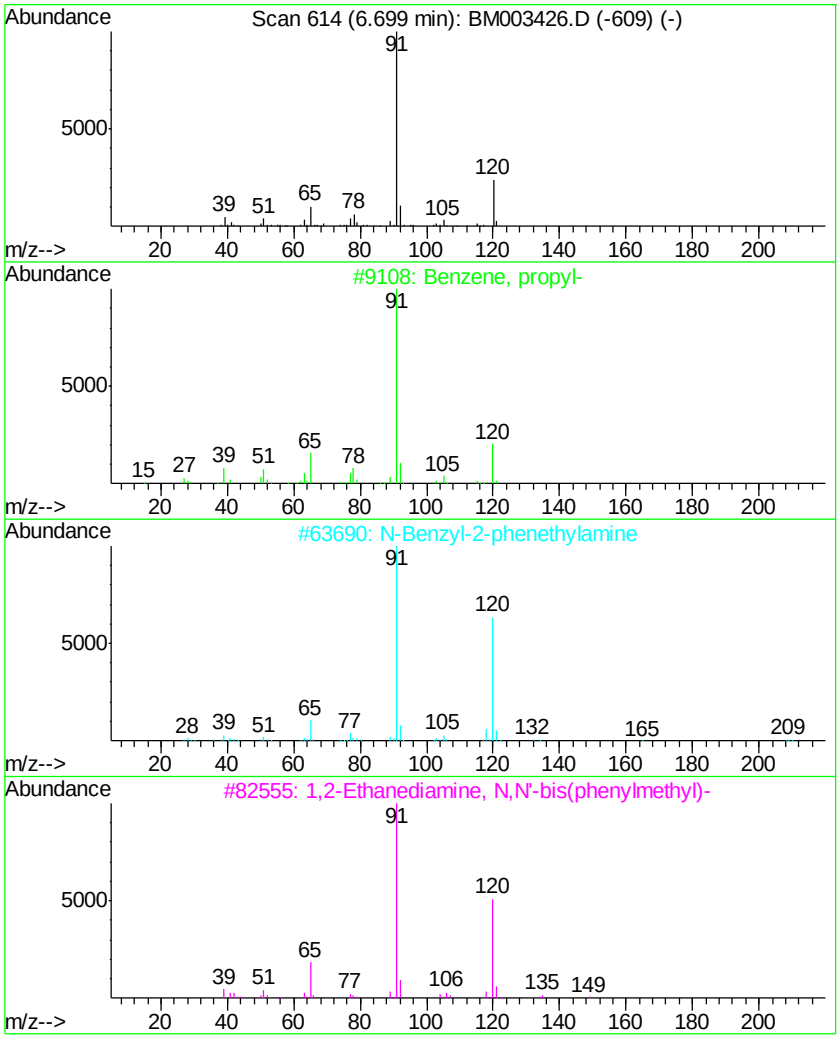
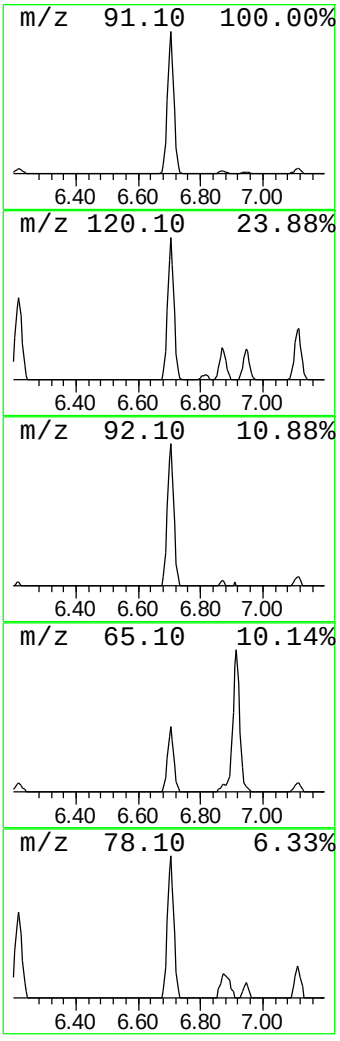
Peak Number 5 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	21.27 ng	387165	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

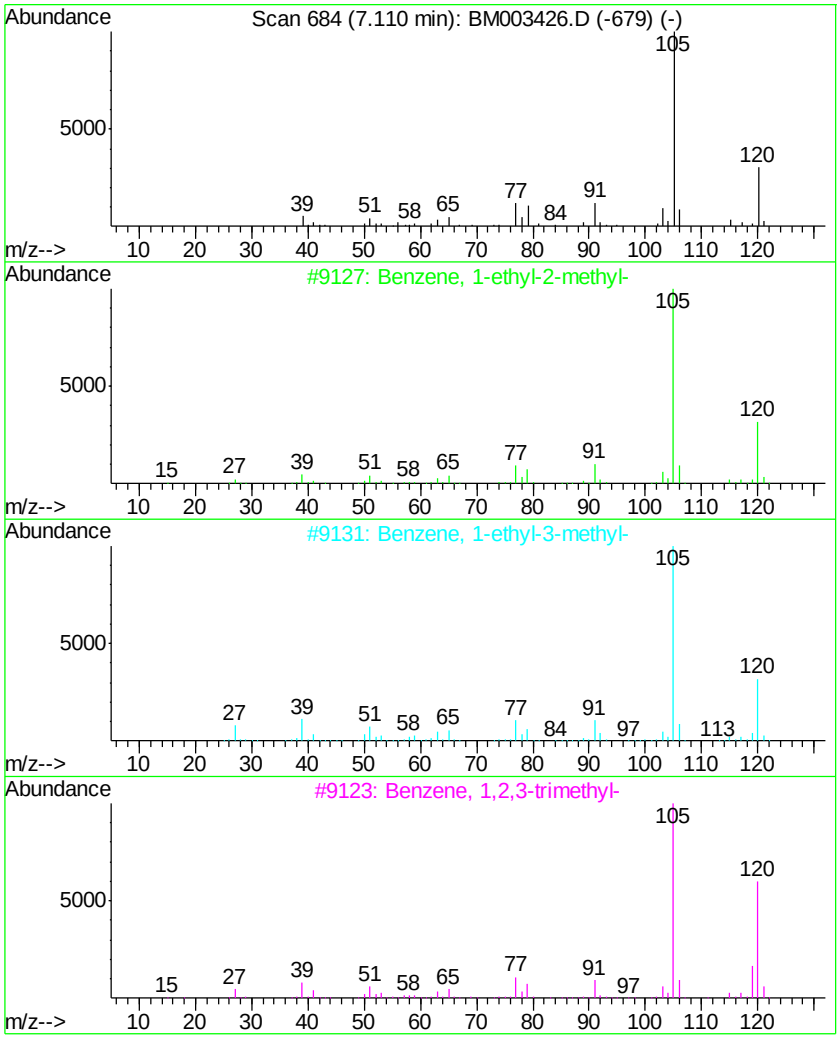
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

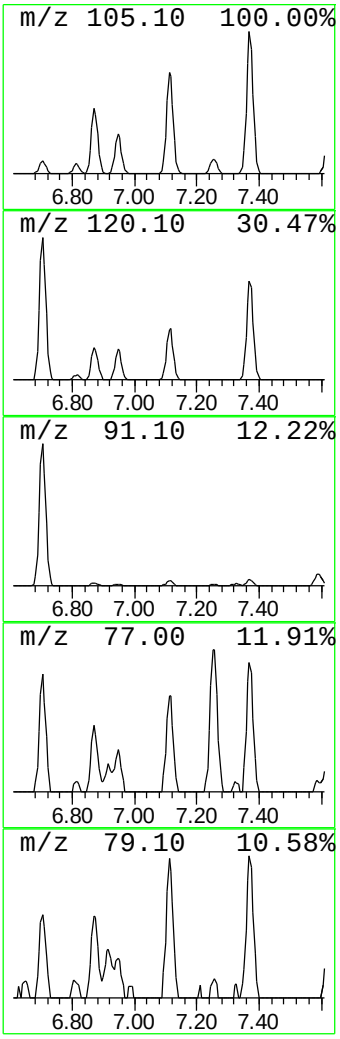
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	8.10 ng	147466	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

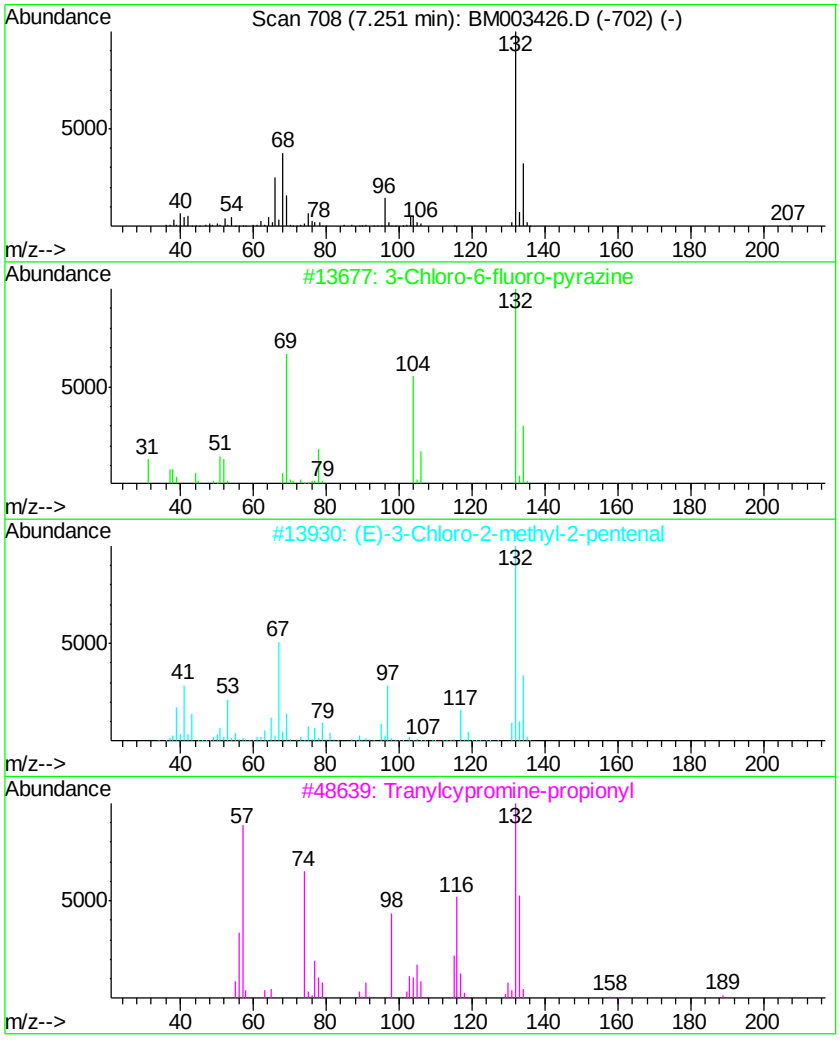
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

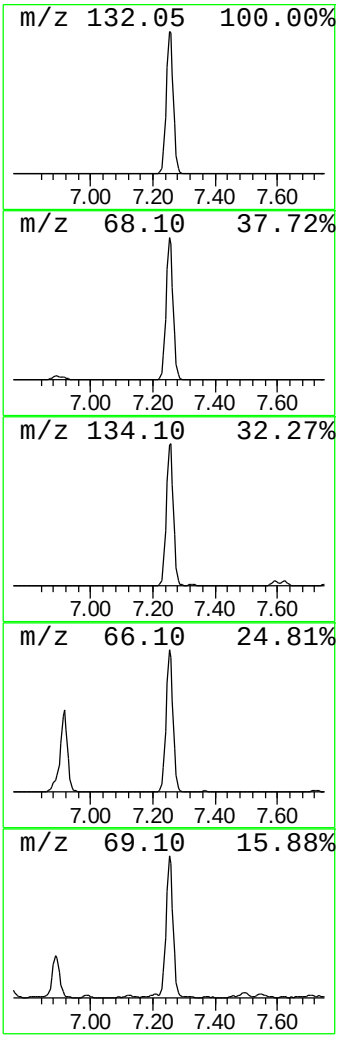
****

Peak Number 7 unknown7.25 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	77.02 ng	1402300	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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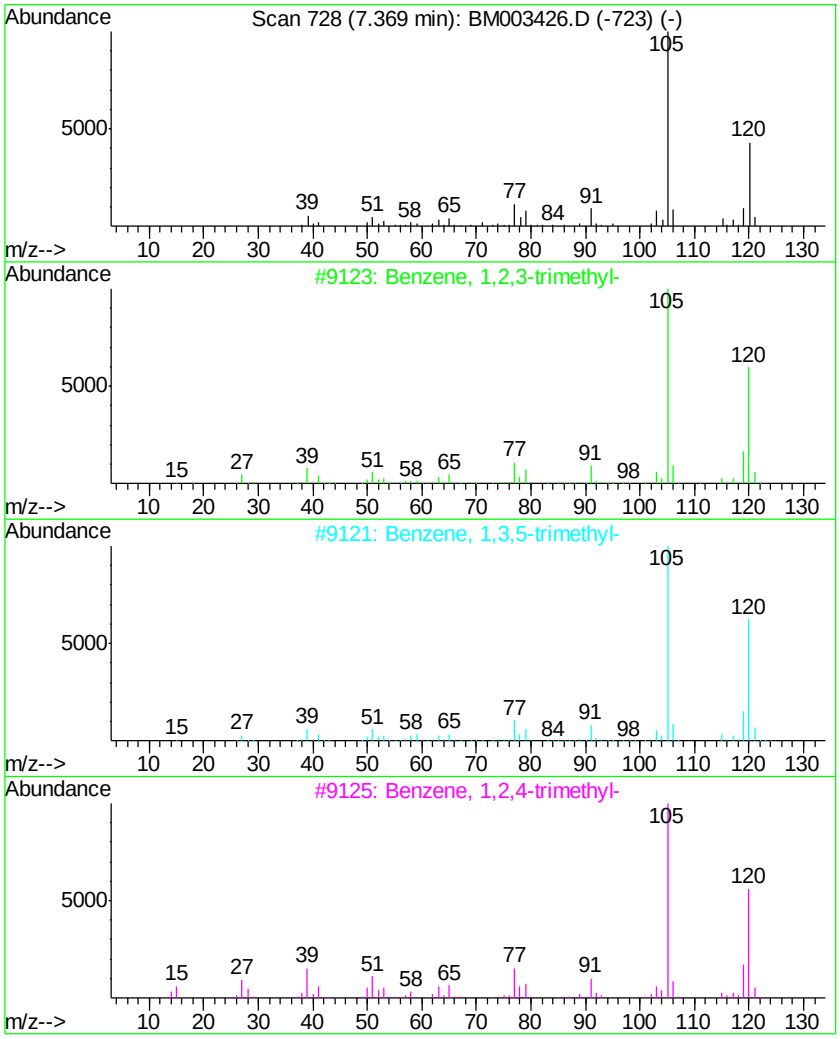
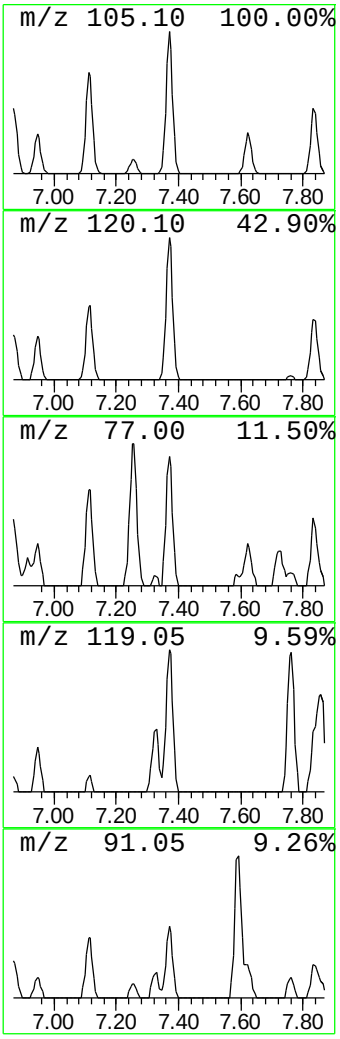
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	11.20 ng	203869	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	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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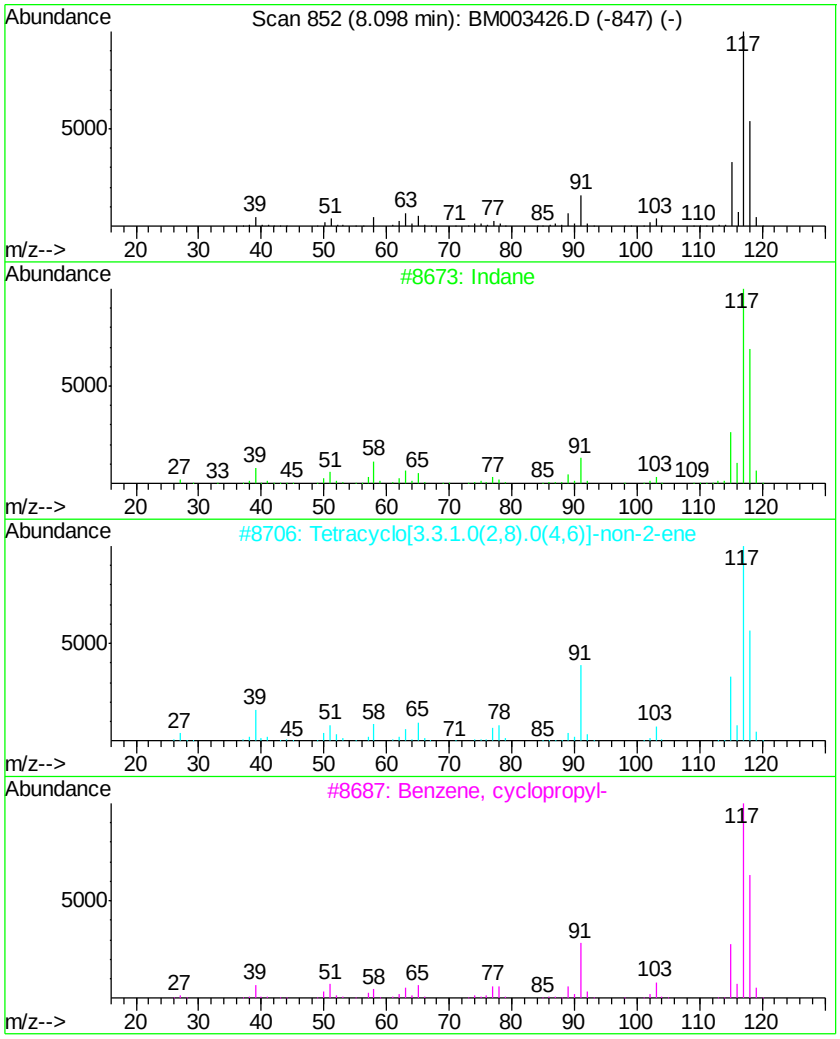
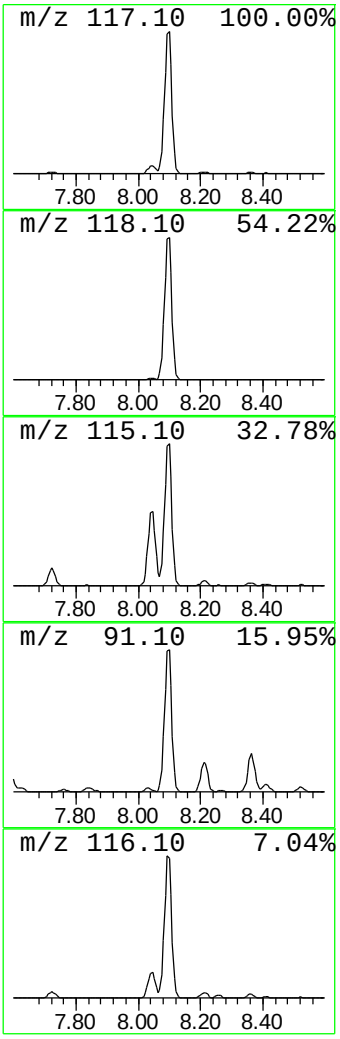
Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	142.50 ng	2594440	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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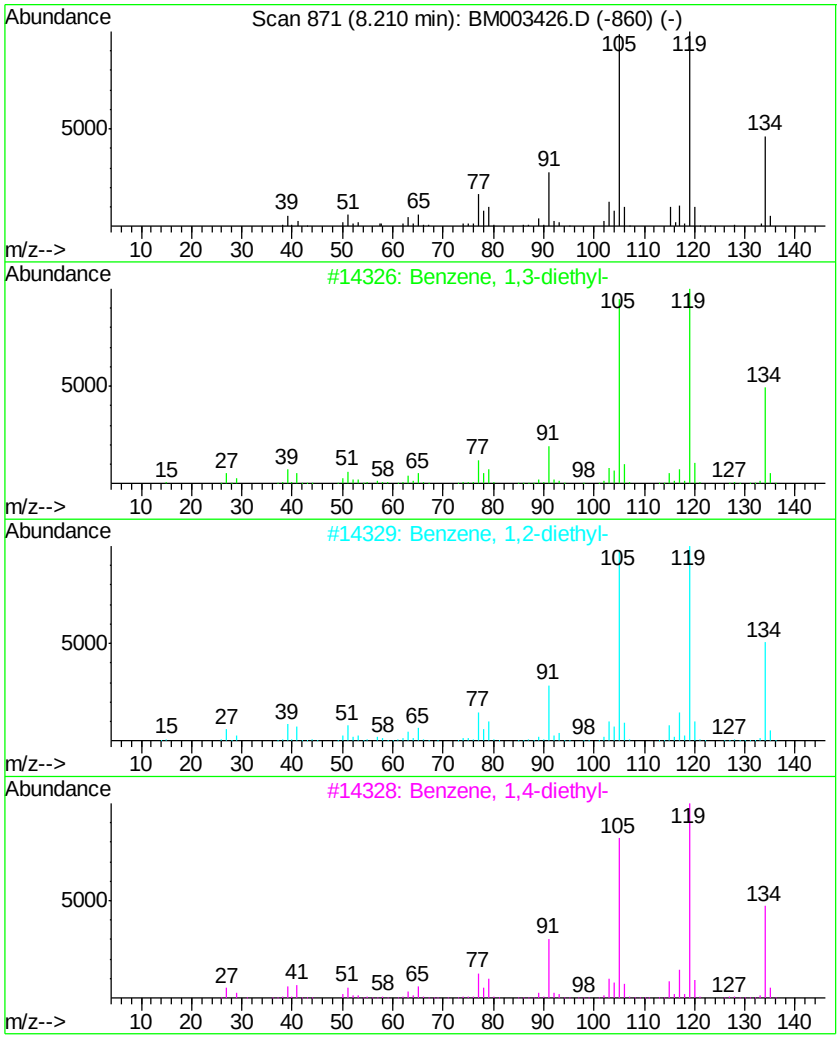
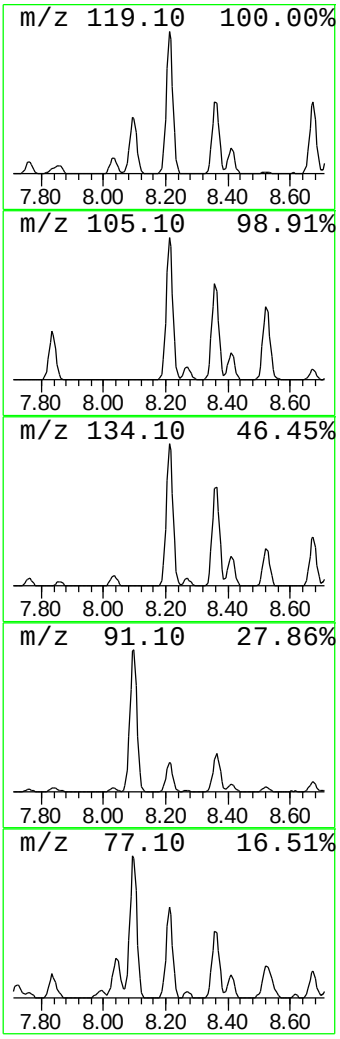
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	24.74 ng	450504	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81





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Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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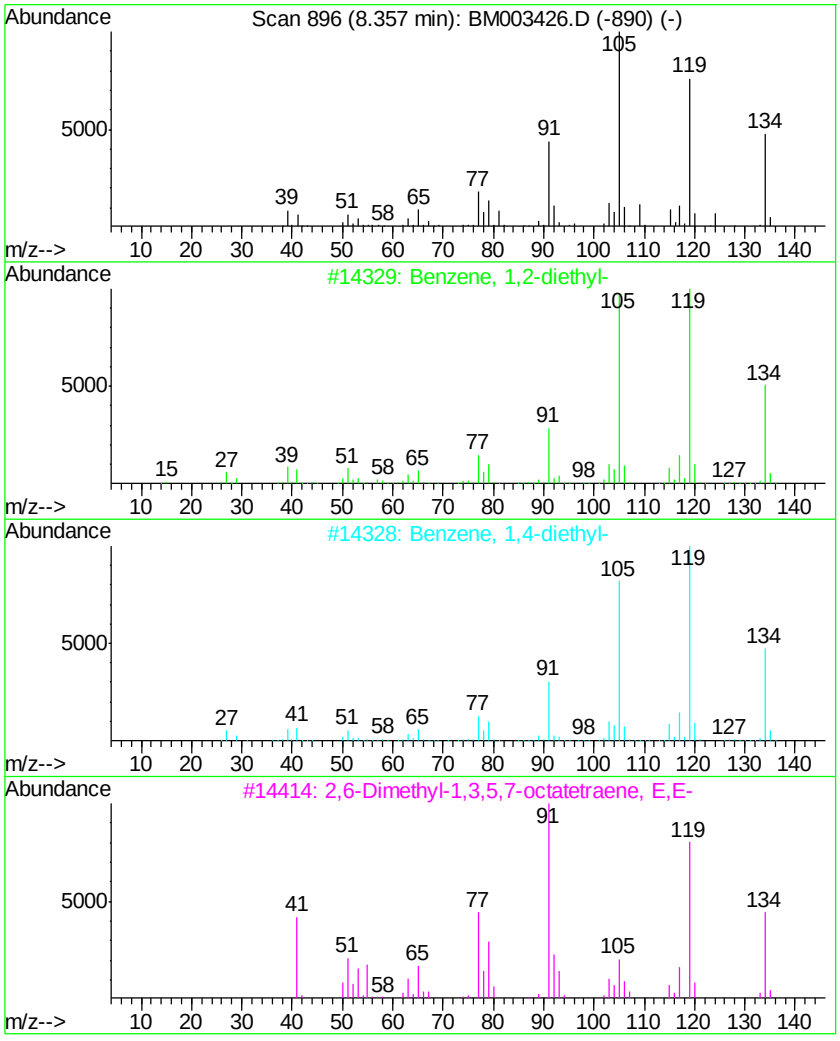
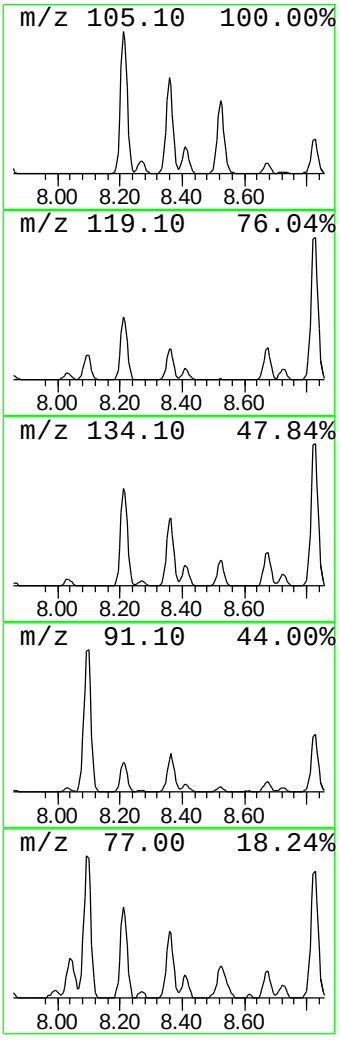
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	21.42 ng	390041	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	81





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Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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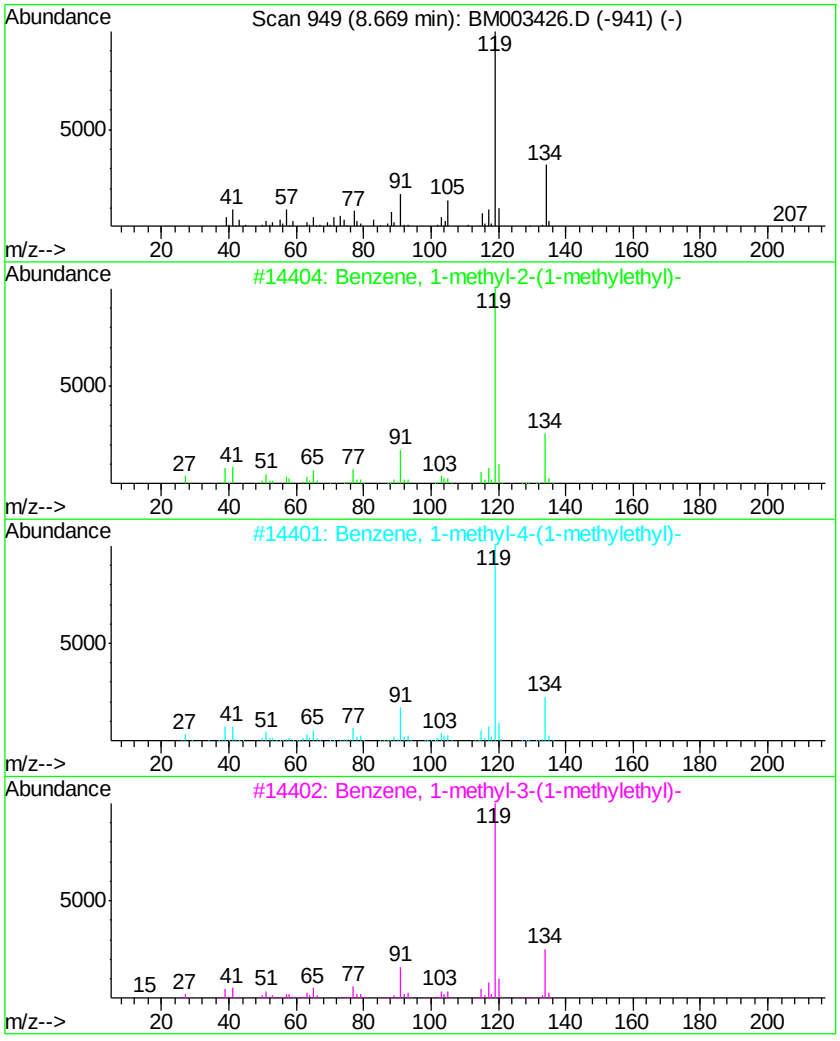
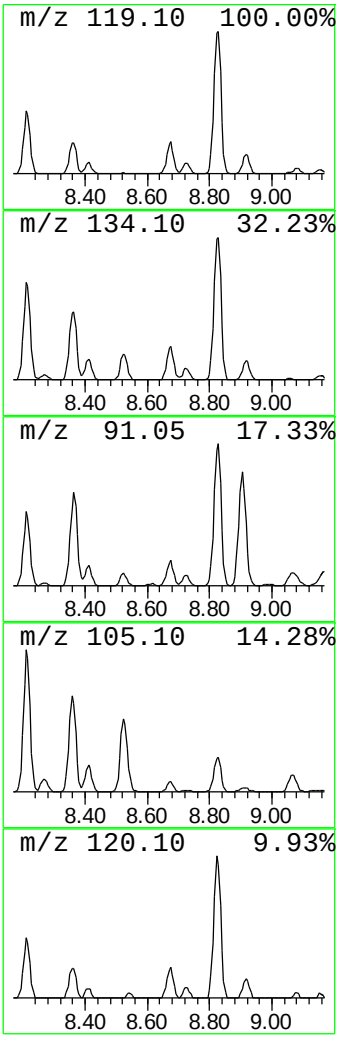
Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	12.25 ng	223046	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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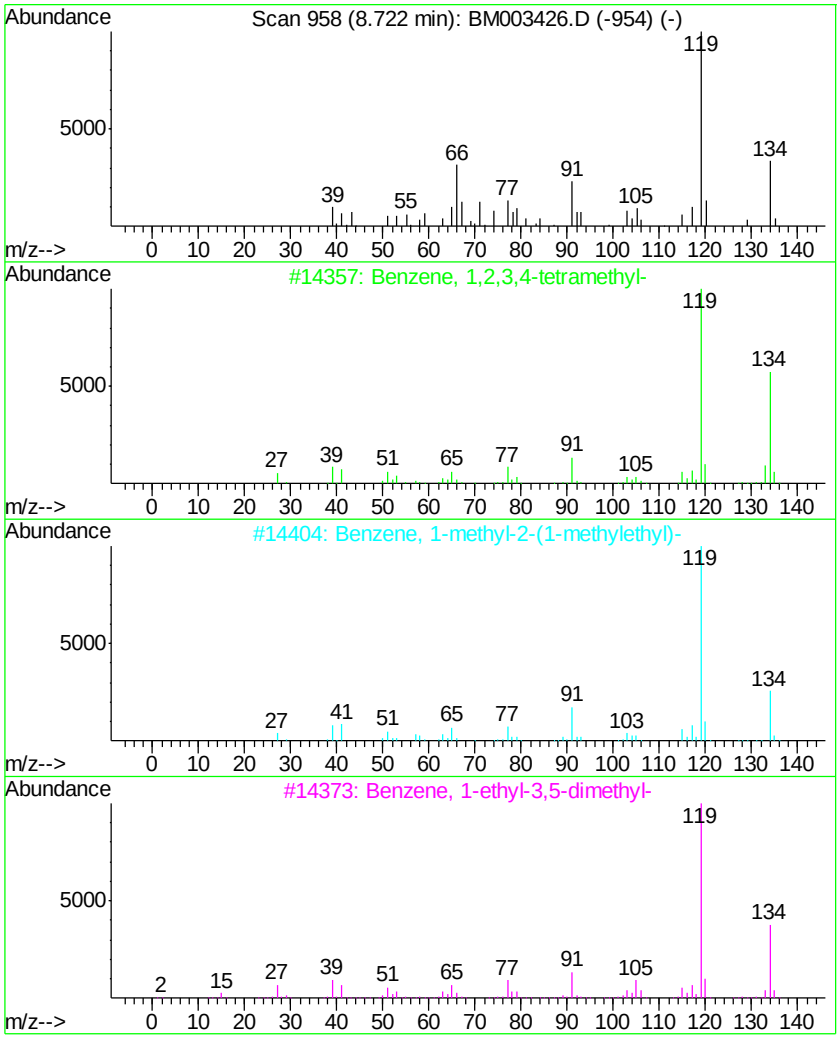
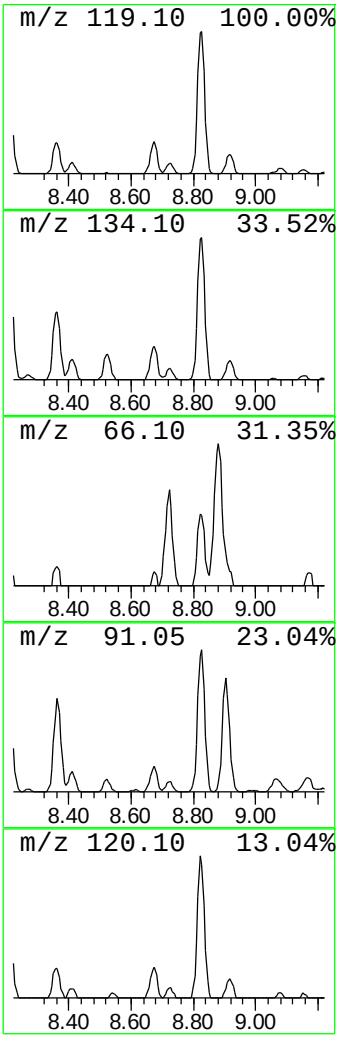
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.96 ng	163108	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60





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Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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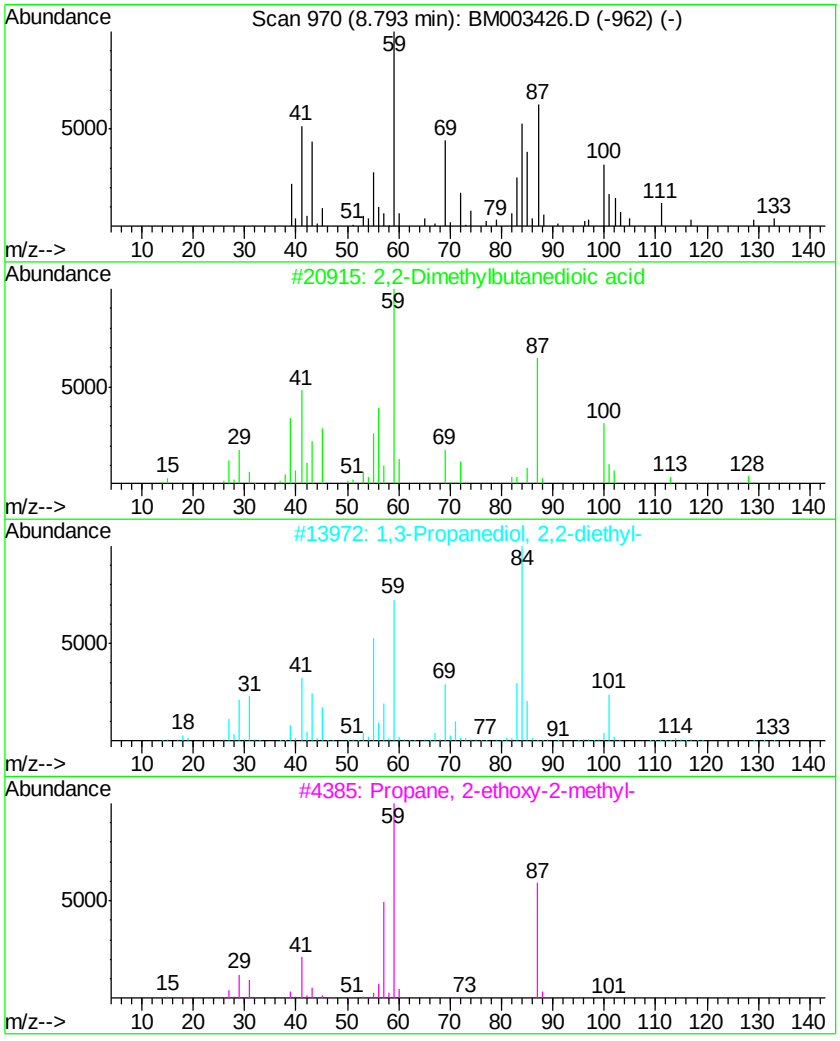
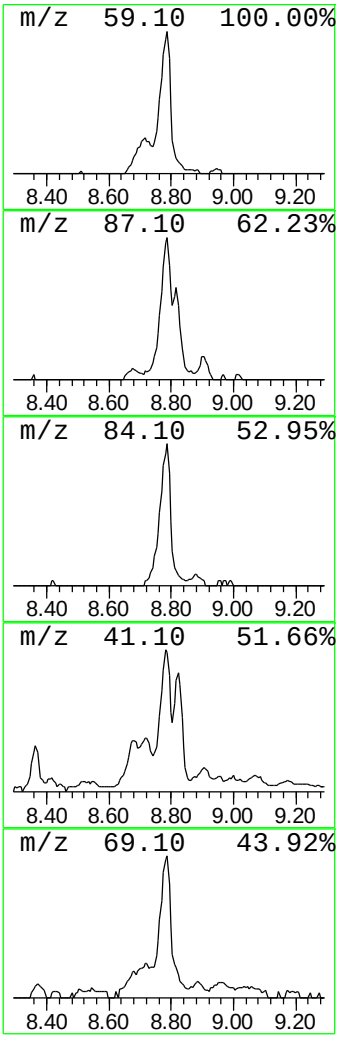
Peak Number 15 unknown8.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	15.08 ng	274487	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	47
2	1,3-Propanediol, 2,2-diethyl-	132	C7H16O2	000115-76-4	35
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	27
4	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	25
5	Acetaldehyde N-formyl-N-methylhy...	100	C4H8N2O	016568-02-8	25





Library Search Compound Report

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Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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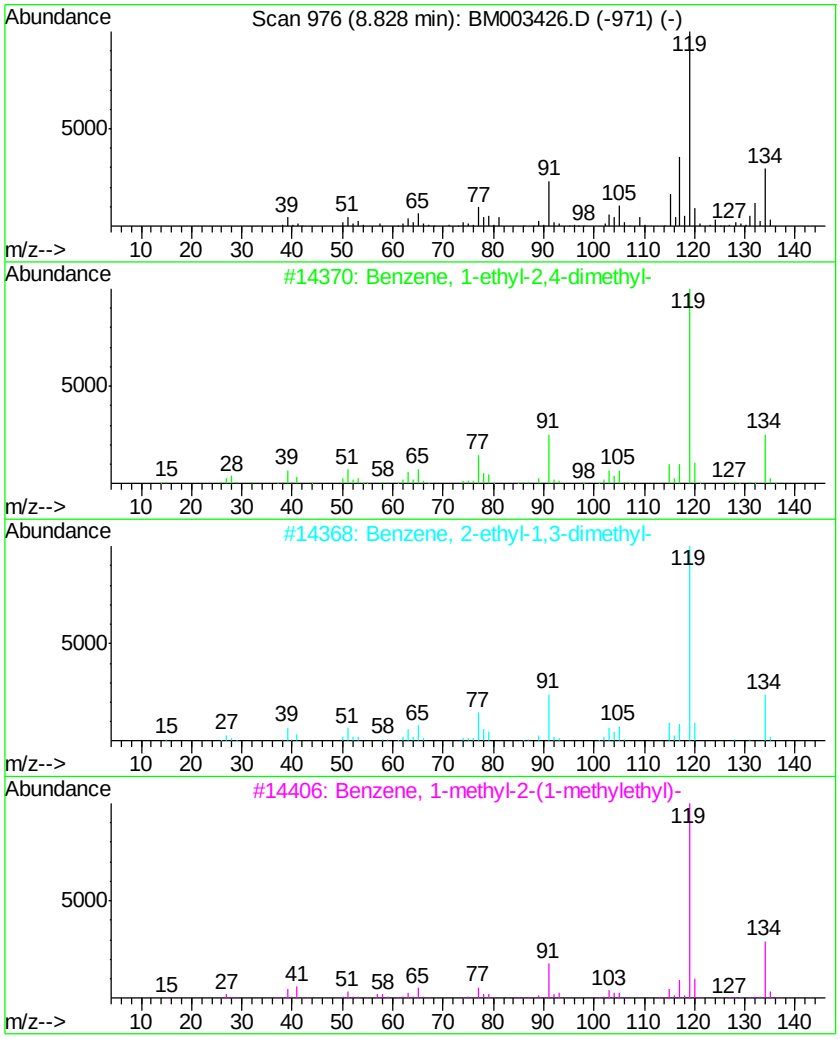
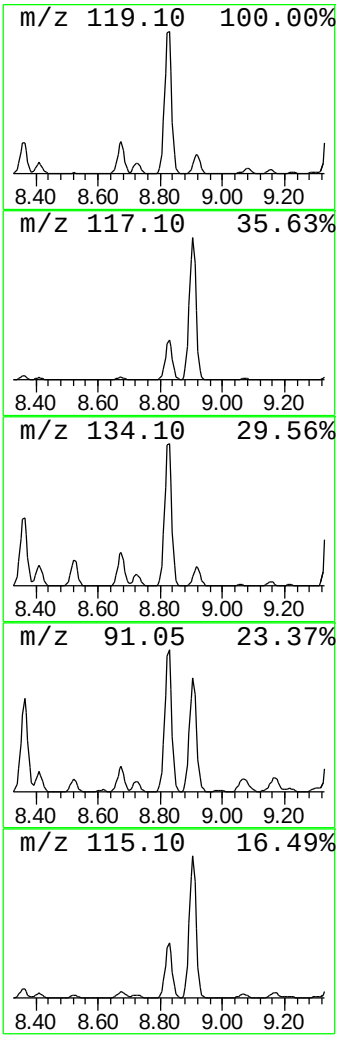
Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	54.48 ng	991807	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





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Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	12.91 ng	612999	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
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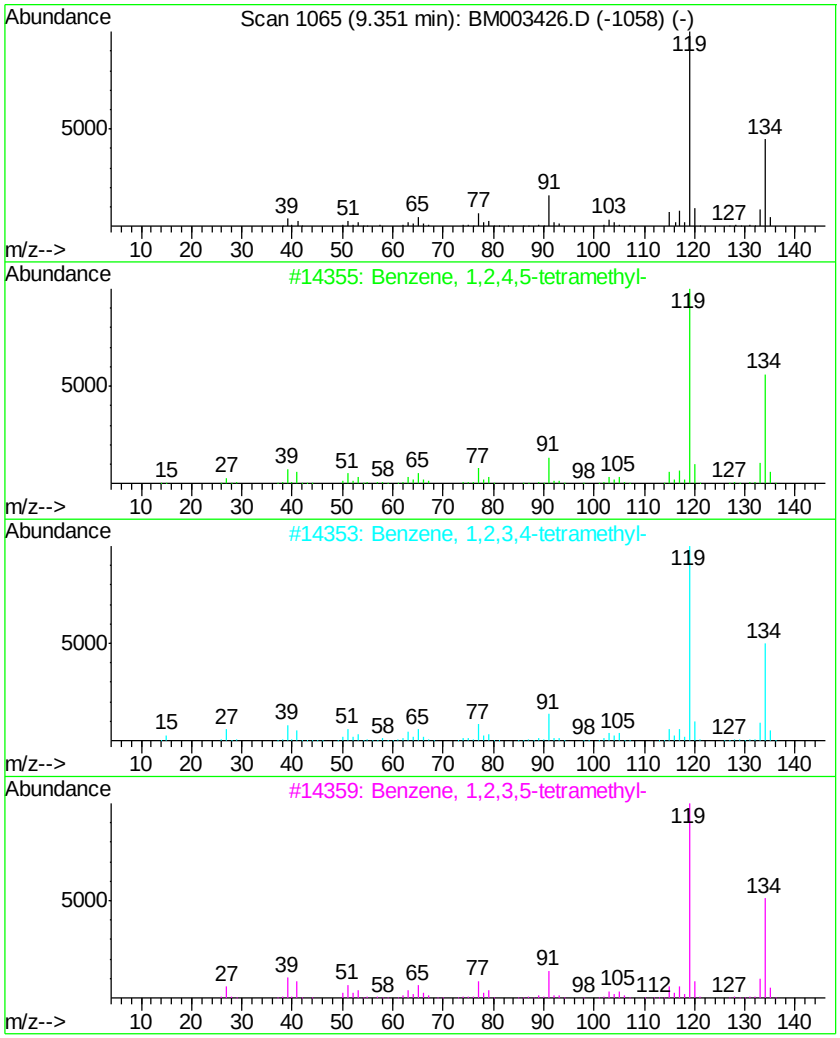

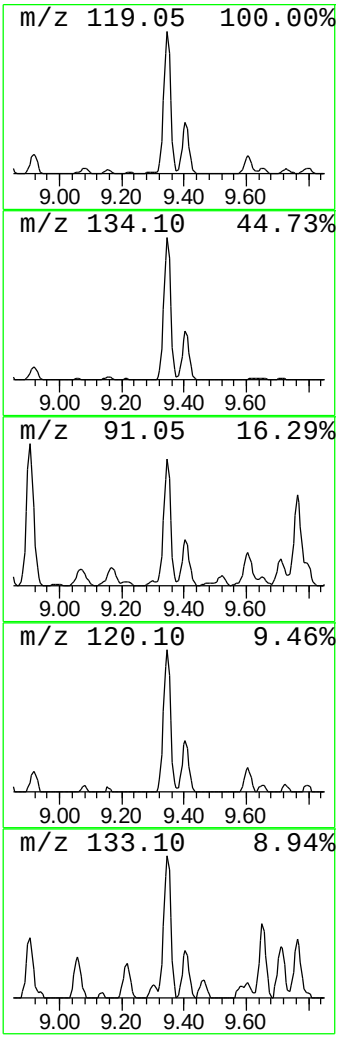

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Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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

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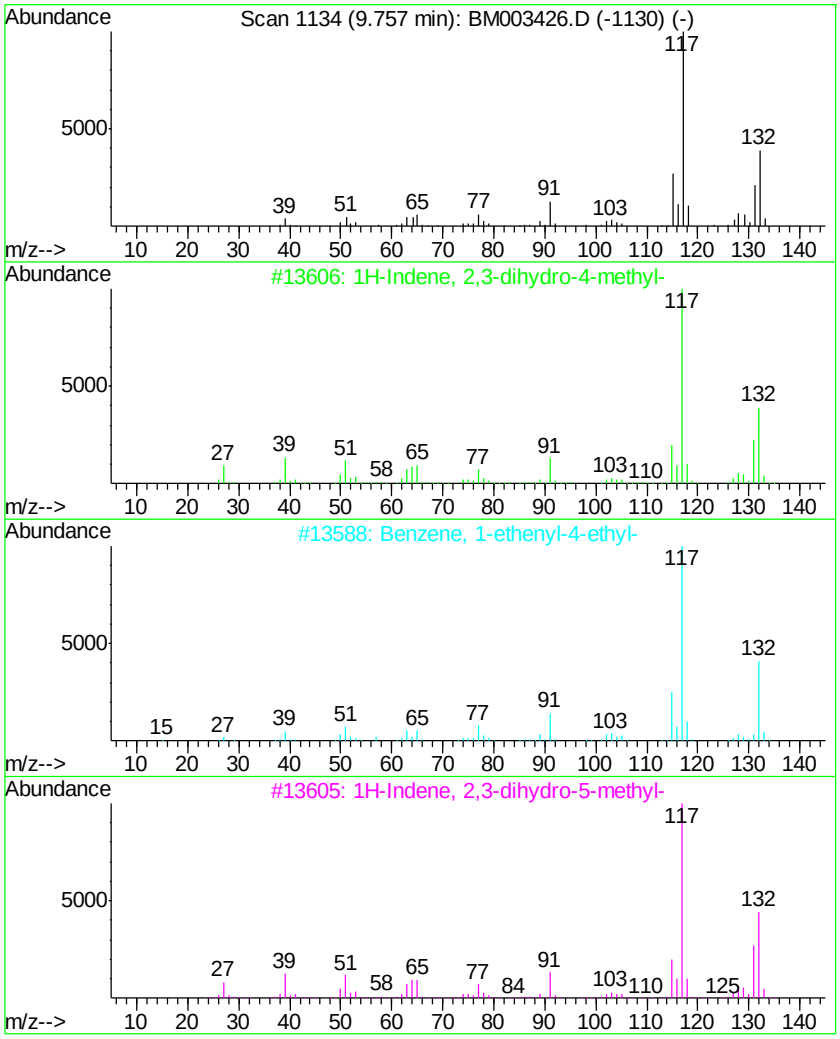
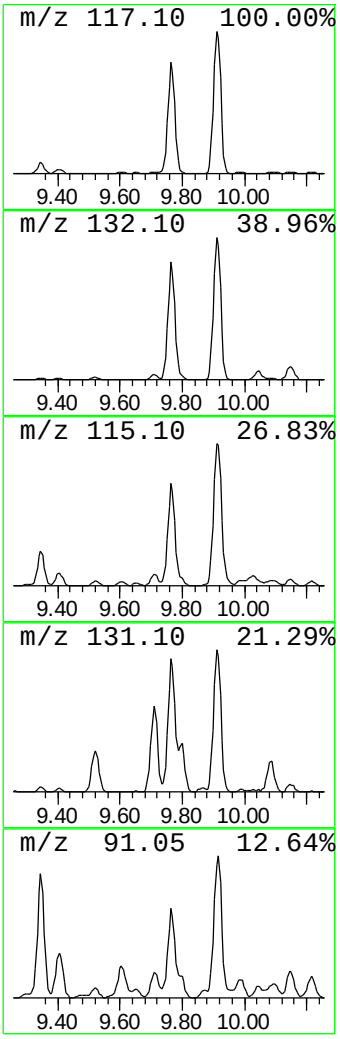
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	15.81 ng	750999	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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

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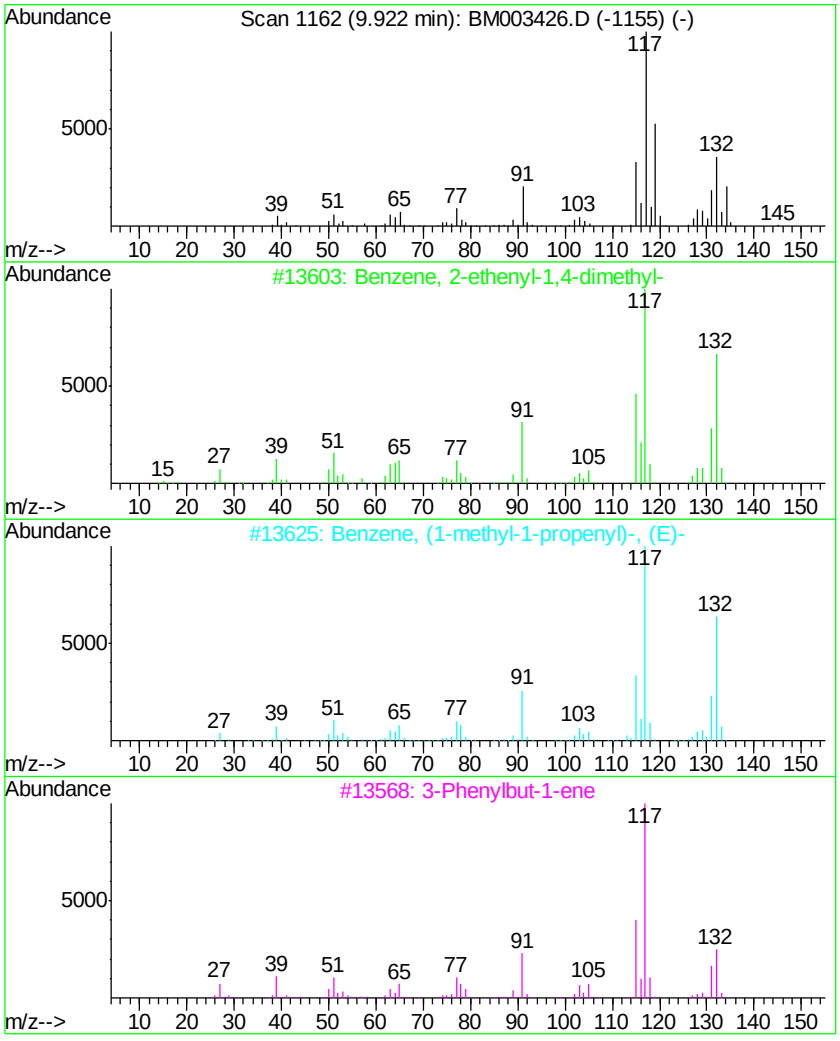
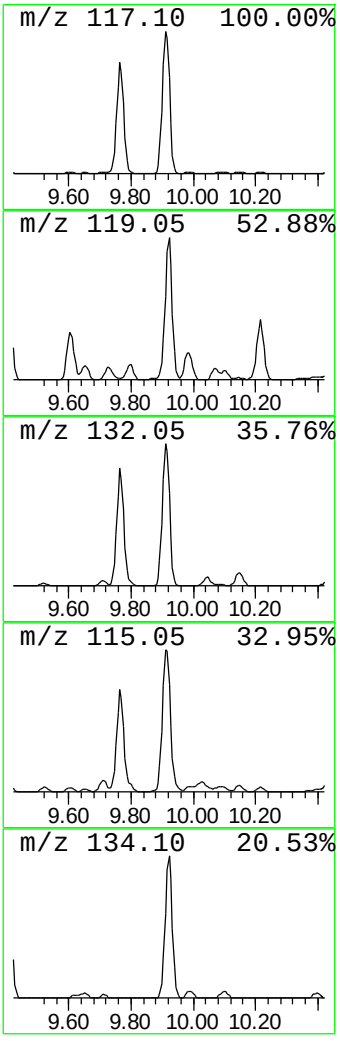
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	22.56 ng	1071660	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80





Tentatively Identified Compound (LSC) summary

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Data File : BM003426.D
Acq On : 09 Dec 2015 23:18
Operator : UM/IZ
Sample : G4696-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-02

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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-Pentanol, 2-met...	3.45	10.6	ng	192751	1	7.72	364129	20.0
Benzene, (1-methy...	6.22	15.5	ng	282947	1	7.72	364129	20.0
Benzene, propyl-	6.70	21.3	ng	387165	1	7.72	364129	20.0
Benzene, 1-ethyl-...	7.11	8.1	ng	147466	1	7.72	364129	20.0
unknown7.25	7.25	77.0	ng	1402300	1	7.72	364129	20.0
Benzene, 1,2,3-tr...	7.37	11.2	ng	203869	1	7.72	364129	20.0
Indane	8.10	142.5	ng	2594440	1	7.72	364129	20.0
Benzene, 1,3-diet...	8.21	24.7	ng	450504	1	7.72	364129	20.0
Benzene, 1,2-diet...	8.36	21.4	ng	390041	1	7.72	364129	20.0
Benzene, 1-methyl...	8.67	12.3	ng	223046	1	7.72	364129	20.0
Benzene, 1,2,3,4-...	8.72	9.0	ng	163108	1	7.72	364129	20.0
unknown8.79	8.79	15.1	ng	274487	1	7.72	364129	20.0
Benzene, 1-ethyl-...	8.83	54.5	ng	991807	1	7.72	364129	20.0
Benzene, 1,2,4,5-...	9.35	12.9	ng	612999	2	10.51	949853	20.0
1H-Indene, 2,3-di...	9.76	15.8	ng	750999	2	10.51	949853	20.0
Benzene, 2-etheny...	9.92	22.6	ng	1071660	2	10.51	949853	20.0