LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

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-BG120215.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	3.762	147	157	168	rVB2	73955	159513	4.78%	0.595%
2	4.291	243	247	255	rVB	52640	86637	2.59%	0.323%
3	4.438	265	272	276	rBV2	42401	76422	2.29%	0.285%
4	4.567	285	294	305	rBV7	38295	99083	2.97%	0.370%
5	4.732	314	322	324	rBV3	40419	75847	2.27%	0.283%
6	4.761	324	327	331	rVV3	38200	65113	1.95%	0.243%
7	4.814	331	336	342	rVB3	26791	49949	1.50%	0.186%
8	5.031	362	373	376	rBV4	31767	57213	1.71%	0.213%
9	5.190	396	400	404	rBV	53589	72179	2.16%	0.269%
10	5.231	404	407	412	rVB	34134	46566	1.39%	0.174%
11	5.284	412	416	422	rVB3	37202	59705	1.79%	0.223%
12	5.601	463	470	474	rVV	135433	210929	6.32%	0.787%
13	5.660	474	480	486	rVB	319962	520126	15.57%	1.940%
14	5.730	486	492	494	rBV4	29553	54668	1.64%	0.204%
15	5.801	501	504	511	rVB2	27518	46999	1.41%	0.175%
16	5.977	525	534	541	rVV7	28324	67057	2.01%	0.250%
17	6.053	541	547	553	rVV5	21411	51099	1.53%	0.191%
18	6.106	553	556	563	rVV3	21925	49818	1.49%	0.186%
19	6.588	632	638	647	rBV	155524	310341	9.29%	1.158%
20	7.088	717	723	731	rBV	144981	247189	7.40%	0.922%
21	7.258	746	752	757	rBV	278308	481792	14.42%	1.797%
22	7.323	757	763	767	rVV4	57135	143898	4.31%	0.537%
23	7.370	767	771	779	rVB2	65519	113887	3.41%	0.425%
24	7.499	785	793	799	rVB	166654	276880	8.29%	1.033%
25	7.640	811	817	826	rVB	586959	987809	29.57%	3.685%
26	7.757	832	837	843	rVB	121866	190762	5.71%	0.712%
27	8.010	870	880	885	rBV4	34805	100453	3.01%	0.375%
28	8.116	891	898	902	rBV	113143	199722	5.98%	0.745%
29	8.151	902	904	912	rVB4	39036	61709	1.85%	0.230%
30	8.227	912	917	926	rVB2	113466	219529	6.57%	0.819%
31	8.439	939	953	957	rBV	527637	982248	29.41%	3.664%
32	8.492	957	962	969	rVB2	361063	674666	20.20%	2.517%
33	8.609	975	982	987	rBV	112395	183563	5.50%	0.685%
34	8.662	987	991	999	rVB3	23046	45516	1.36%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.756	999	1007	1012	rBV2	127764	225888	6.76%	0.843%
36	8.809	1012	1016	1026	rVB3	57308	112152	3.36%	0.418%
37	8.921	1026	1035	1045	rBV2	46598	114842	3.44%	0.428%
38	9.009	1045	1050	1055	rBV4	33574	56645	1.70%	0.211%
39	9.068	1055	1060	1065	rVB	63573	100675	3.01%	0.376%
40	9.126	1065	1070	1076	rBV3	37110	74208	2.22%	0.277%
41	9.226	1081	1087	1091	rVV2	249290	425769	12.75%	1.588%
42	9.285	1091	1097	1111	rVB2	483937	1403494	42.02%	5.236%
43	9.467	1120	1128	1138	rBV9	36778	105154	3.15%	0.392%
44	9.567	1138	1145	1150	rBV5	33315	79715	2.39%	0.297%
45	9.749	1171	1176	1181	rVB	137582	221806	6.64%	0.827%
46	9.808	1181	1186	1191	rBV	132493	215323	6.45%	0.803%
47	9.925	1201	1206	1212	rBV3	31798	62911	1.88%	0.235%
48	10.119	1233	1239	1243	rBV3	50312	95456	2.86%	0.356%
49	10.172	1243	1248	1259	rVB	159114	330086	9.88%	1.231%
50	10.325	1260	1274	1281	rBV2	377737	731560	21.90%	2.729%
51	10.507	1302	1305	1310	rVB5	28302	47218	1.41%	0.176%
52	10.560	1310	1314	1319	rVB2	39038	64697	1.94%	0.241%
53	10.625	1319	1325	1334	rBV4	36791	81104	2.43%	0.303%
54	10.930	1365	1377	1381	rBV2	196022	507666	15.20%	1.894%
55	10.983	1381	1386	1392	rVV2	167872	331974	9.94%	1.238%
56	11.042	1392	1396	1404	rVB	115262	207928	6.23%	0.776%
57	11.336	1444	1446	1454	rVB7	25445	54242	1.62%	0.202%
58	11.441	1454	1464	1470	rBV7	19680	63182	1.89%	0.236%
59	11.782	1517	1522	1527	rVB5	31498	65963	1.97%	0.246%
60	11.841	1527	1532	1537	rBV3	54890	88056	2.64%	0.329%
61	12.035	1561	1565	1572	rBV4	39111	66254	1.98%	0.247%
62	12.182	1585	1590	1596	rVB	105159	181416	5.43%	0.677%
63	12.311	1607	1612	1615	rBV4	23954	48093	1.44%	0.179%
64	12.470	1635	1639	1644	rBV5	30677	52325	1.57%	0.195%
65	12.522	1644	1648	1652	rVV3	34640	63164	1.89%	0.236%
66	12.581	1653	1658	1668	rVV3	94410	244826	7.33%	0.913%
67	12.799	1689	1695	1700	rVB	211594	339235	10.16%	1.266%
68	12.851	1700	1704	1707	rBV5	30424	49974	1.50%	0.186%
69	12.887	1707	1710	1716	rVB4	51379	93556	2.80%	0.349%
70	12.945	1716	1720	1728	rVB8	32120	65578	1.96%	0.245%
71	13.051	1730	1738	1742	rBV5	49052	124969	3.74%	0.466%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.169	1752	1758	1762	rBV4	81641	150986	4.52%	0.563%
73	13.280	1772	1777	1782	rVB3	44449	71922	2.15%	0.268%
74	13.368	1782	1792	1798	rBV	1330159	2125791	63.64%	7.931%
75	13.703	1843	1849	1855	rBV8	45067	106278	3.18%	0.396%
76	13.909	1879	1884	1891	rBV3	65241	131583	3.94%	0.491%
77	13.985	1892	1897	1901	rVB2	66635	100330	3.00%	0.374%
78	14.062	1904	1910	1914	rBV3	89425	172696	5.17%	0.644%
79	14.467	1970	1979	1986	rBV9	43975	134811	4.04%	0.503%
80	14.549	1989	1993	1996	rBV4	34933	52525	1.57%	0.196%
81	14.743	2020	2026	2032	rVB2	319581	520341	15.58%	1.941%
82	15.125	2085	2091	2099	rVB2	133080	250004	7.48%	0.933%
83	15.213	2101	2106	2115	rVV4	97295	175761	5.26%	0.656%
84	15.296	2115	2120	2125	rVB3	75317	110685	3.31%	0.413%
85	15.360	2127	2131	2135	rBV5	49341	73454	2.20%	0.274%
86	15.783	2198	2203	2207	rBV4	33601	64482	1.93%	0.241%
87	16.142	2260	2264	2270	rVB	109169	185770	5.56%	0.693%
88	16.230	2271	2279	2284	rBV	1138288	1792823	53.68%	6.688%
89	17.487	2487	2493	2499	rVB2	405169	622107	18.63%	2.321%
90	18.363	2638	2642	2649	rBV2	101742	138918	4.16%	0.518%
91	19.626	2853	2857	2867	rBV2	81495	117075	3.51%	0.437%
92	20.084	2929	2935	2941	rBV	2408824	3340090	100.00%	12.461%
93	20.766	3048	3051	3058	rVB	63273	85795	2.57%	0.320%
94	20.842	3058	3064	3072	rVB5	34442	89494	2.68%	0.334%
95	20.983	3084	3088	3092	rBV2	39318	64049	1.92%	0.239%
96	21.030	3093	3096	3100	rVB	71053	87160	2.61%	0.325%
97	21.388	3154	3157	3163	rVB5	30890	51261	1.53%	0.191%
98	21.541	3176	3183	3191	rVB	64962	109028	3.26%	0.407%
99	21.753	3213	3219	3226	rVB	507453	832909	24.94%	3.107%
100	25.037	3766	3778	3790	rBV2	264067	780458	23.37%	2.912%

Sum of corrected areas: 26804577

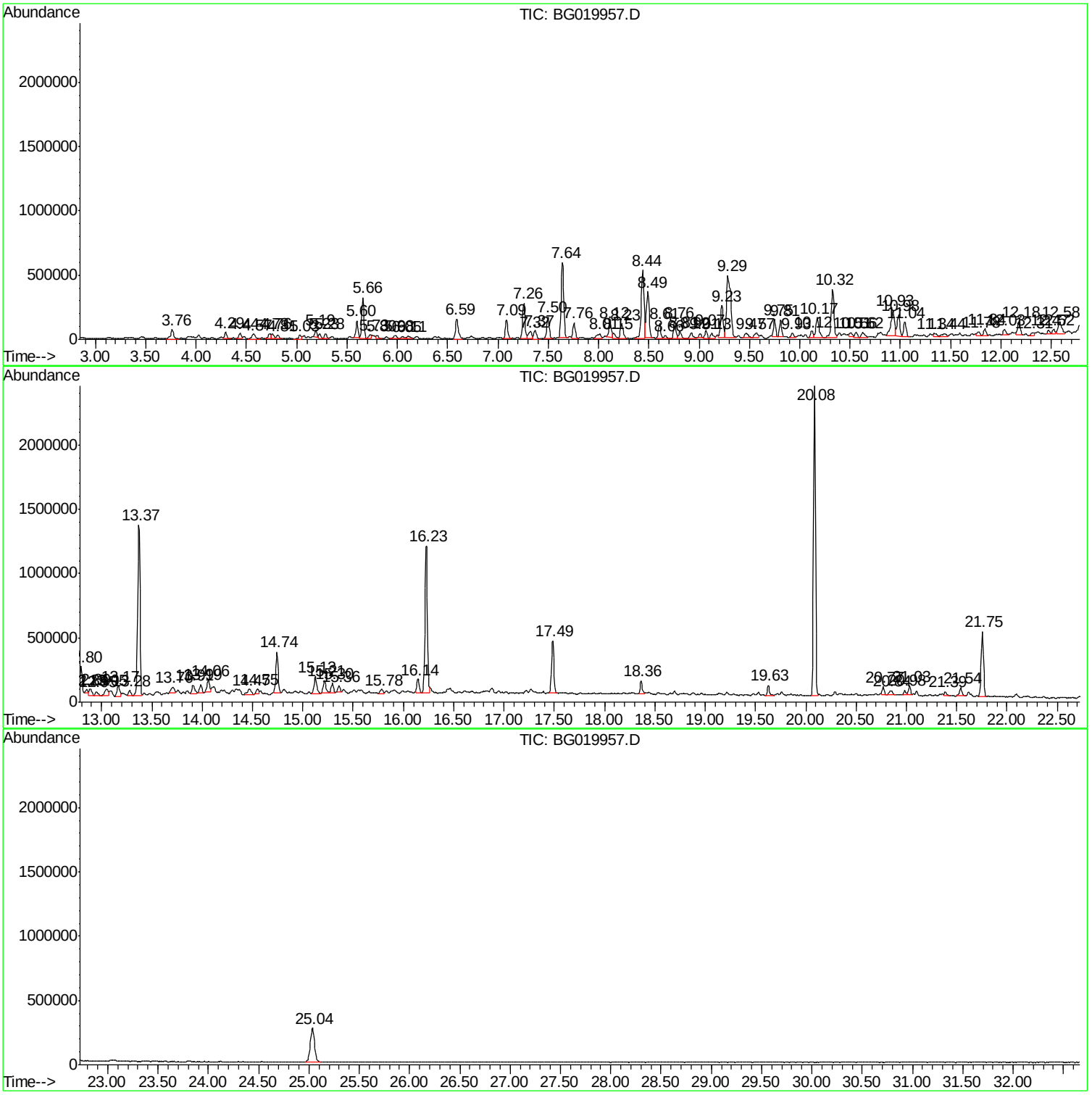
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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 G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

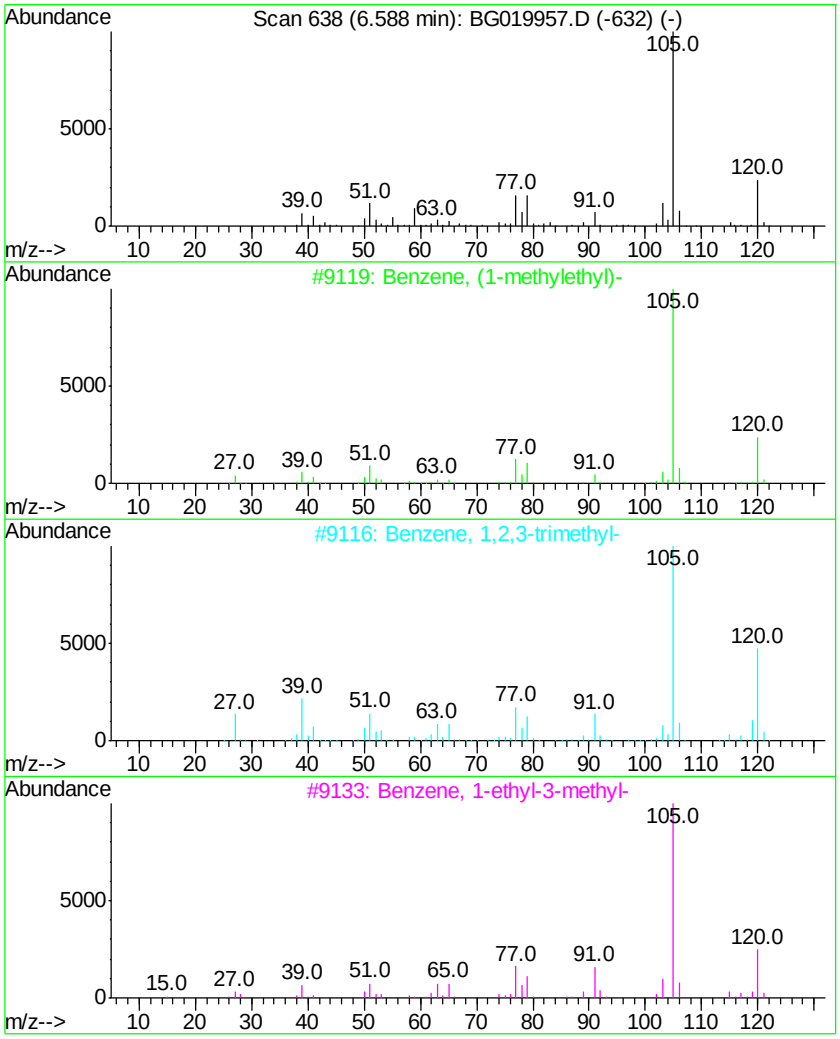
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

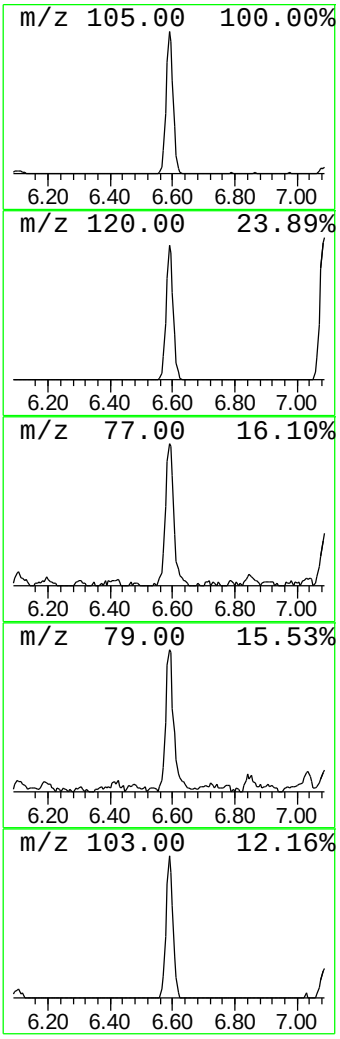
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	31.08 ng	310341	1,4-Dichlorobenzene-d4	8.12

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-3-methyl-	120	C9H12	000620-14-4	74
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

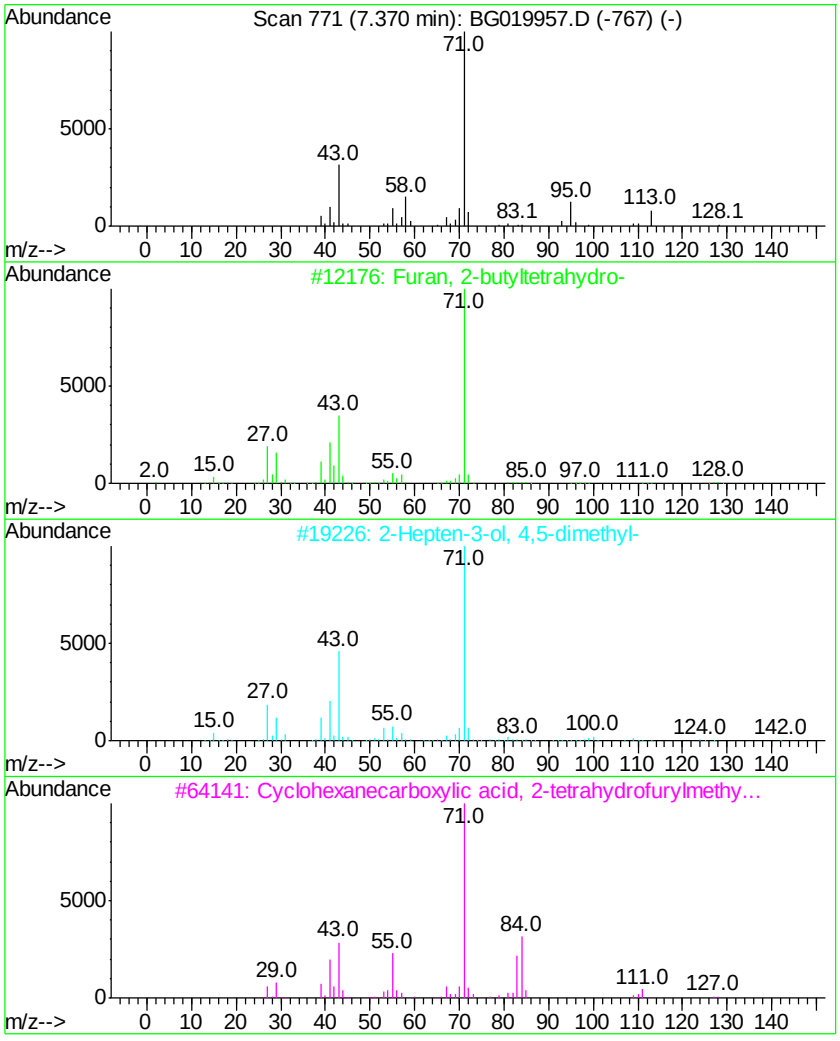
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

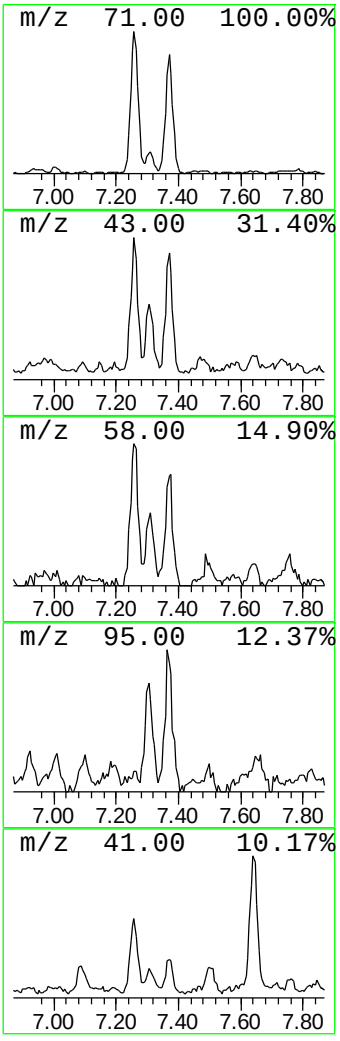
****

Peak Number 6 Furan, 2-butyltetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	11.40 ng	113887	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	53
2	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	42
3	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	39
4	Tetrahydrofuran, 2-hexyl-	156	C10H20O	003208-32-0	39
5	Cyclohexanol, 2,2-dichloro-1-met...	182	C7H12Cl2O	1000115-65-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

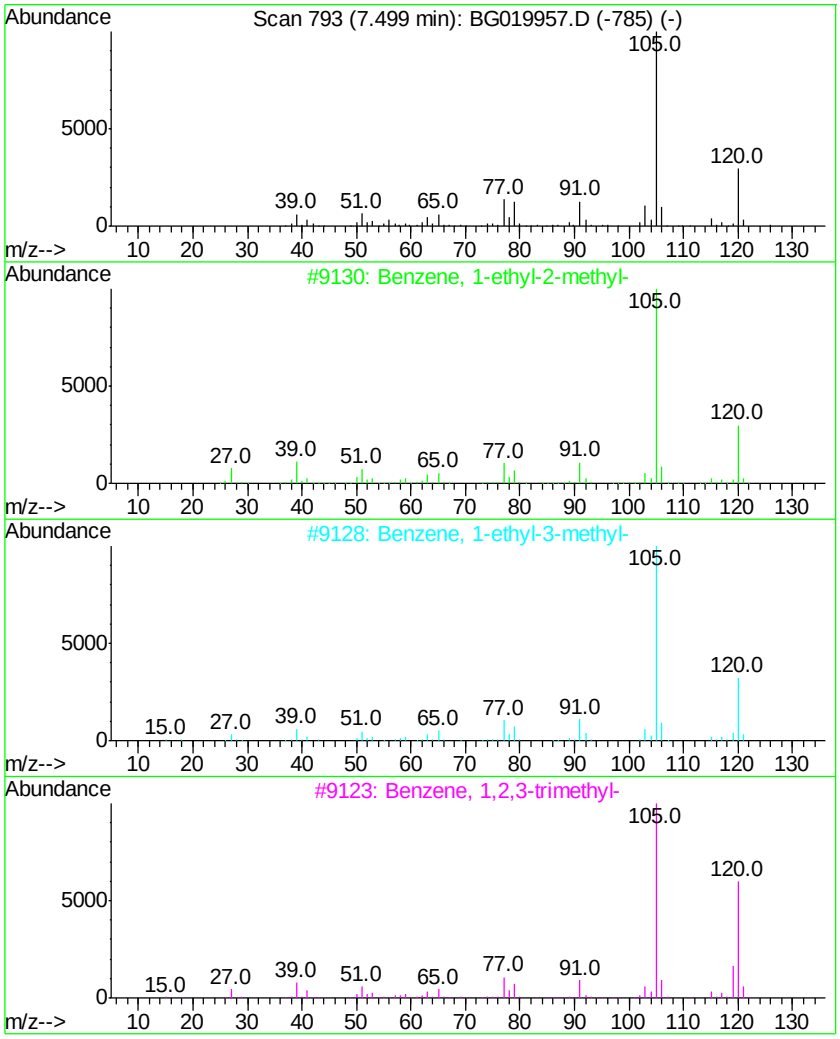
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

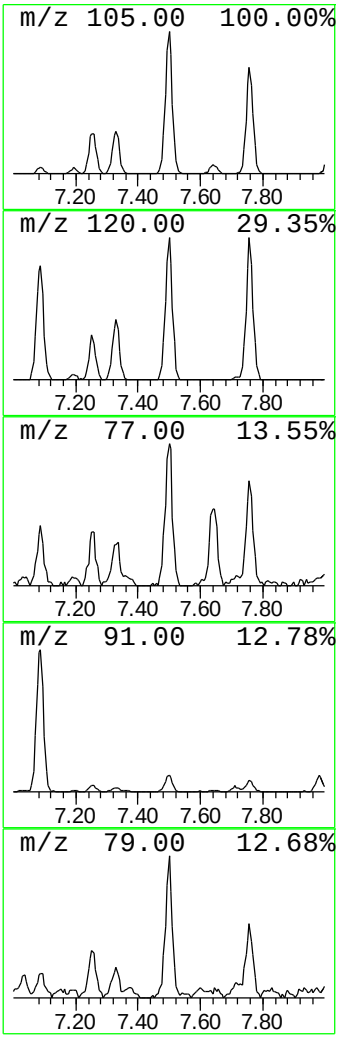
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	27.73 ng	276880	1,4-Dichlorobenzene-d4	8.12

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	94
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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

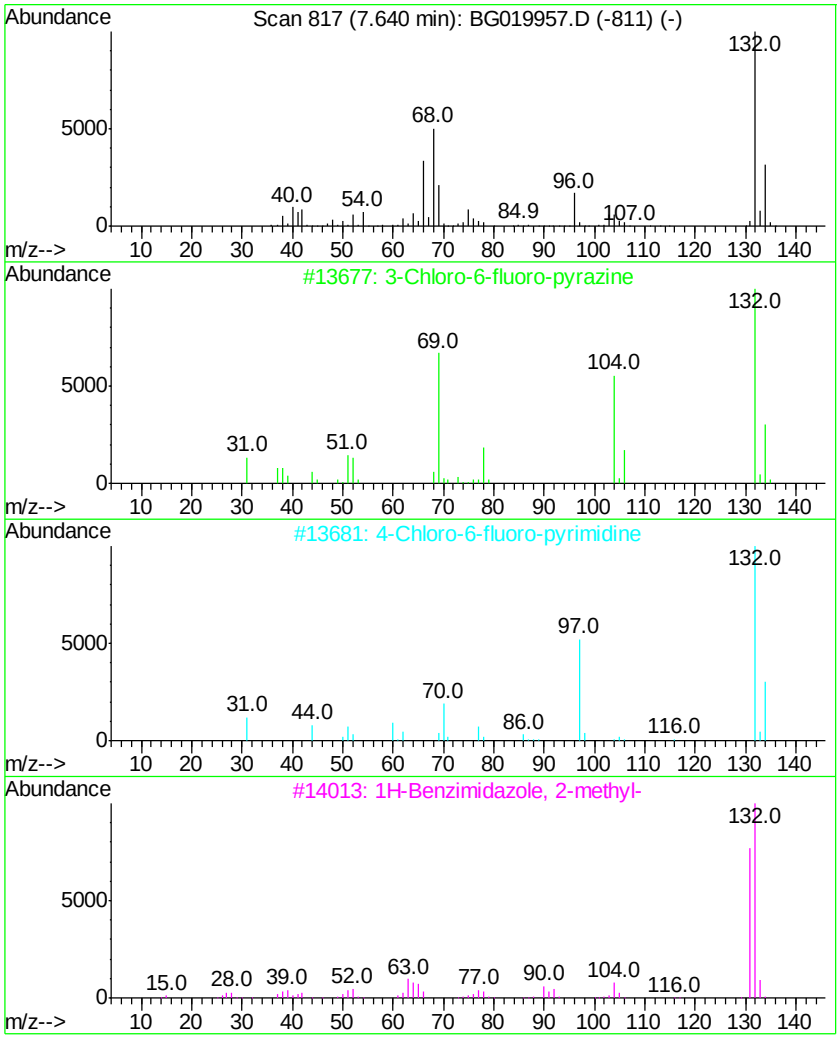
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

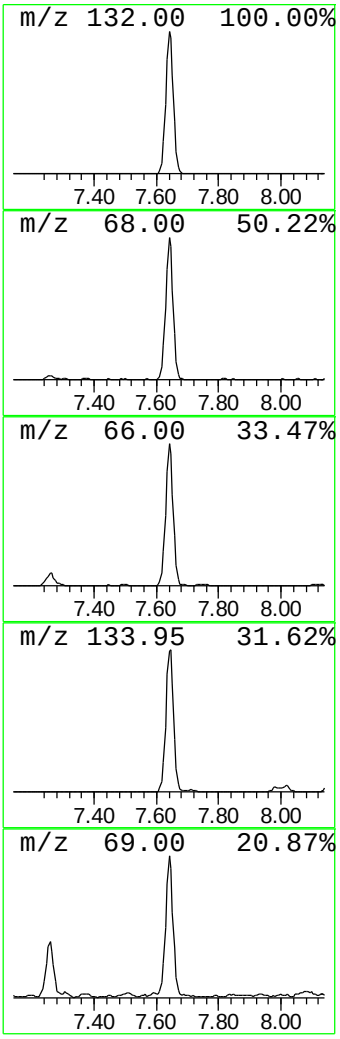
****

Peak Number 8 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	98.92 ng	987809	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	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

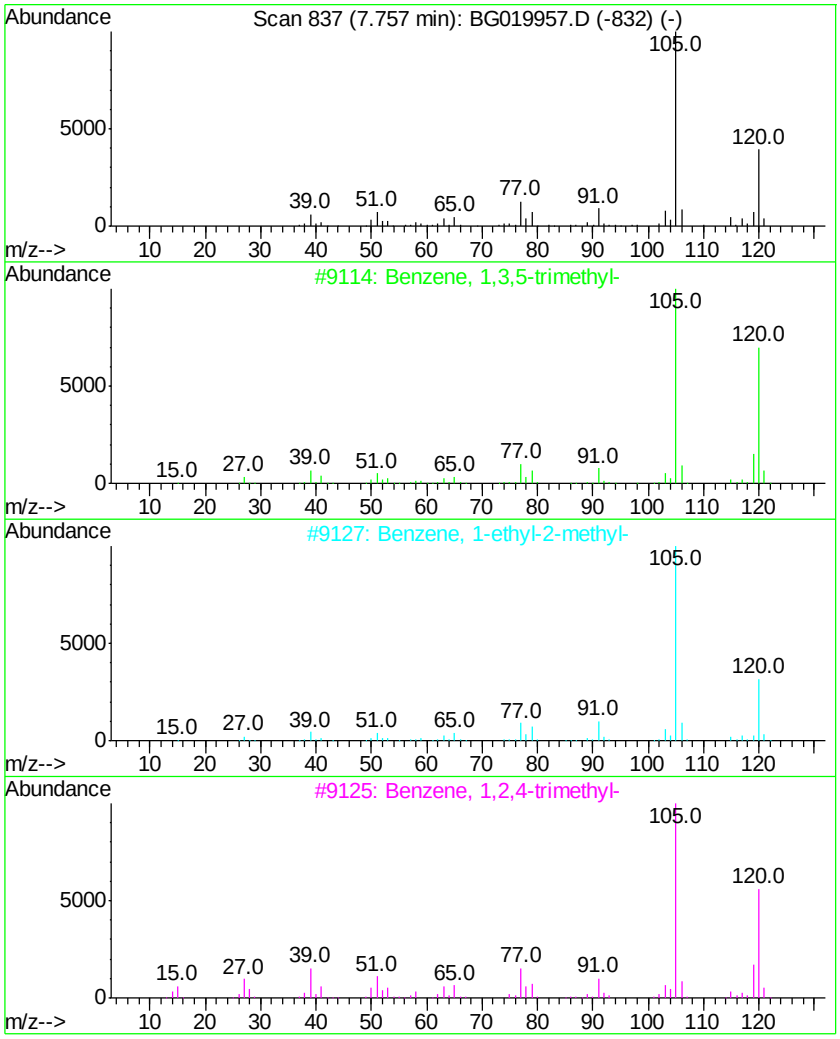
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

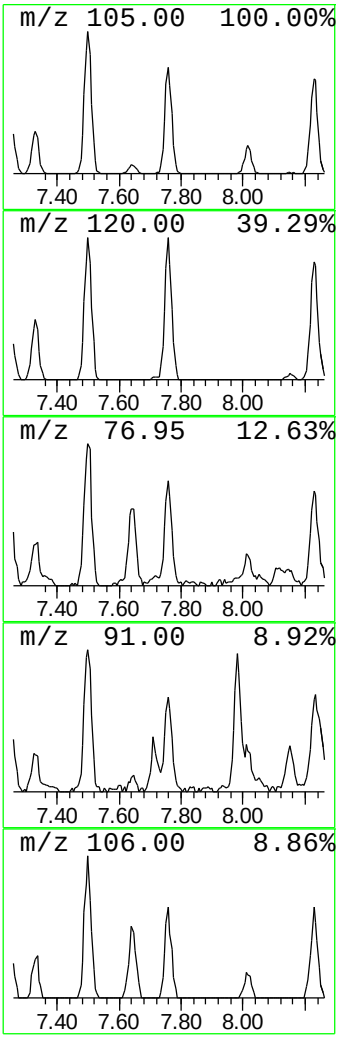
****

Peak Number 9 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	19.10 ng	190762	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	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
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 G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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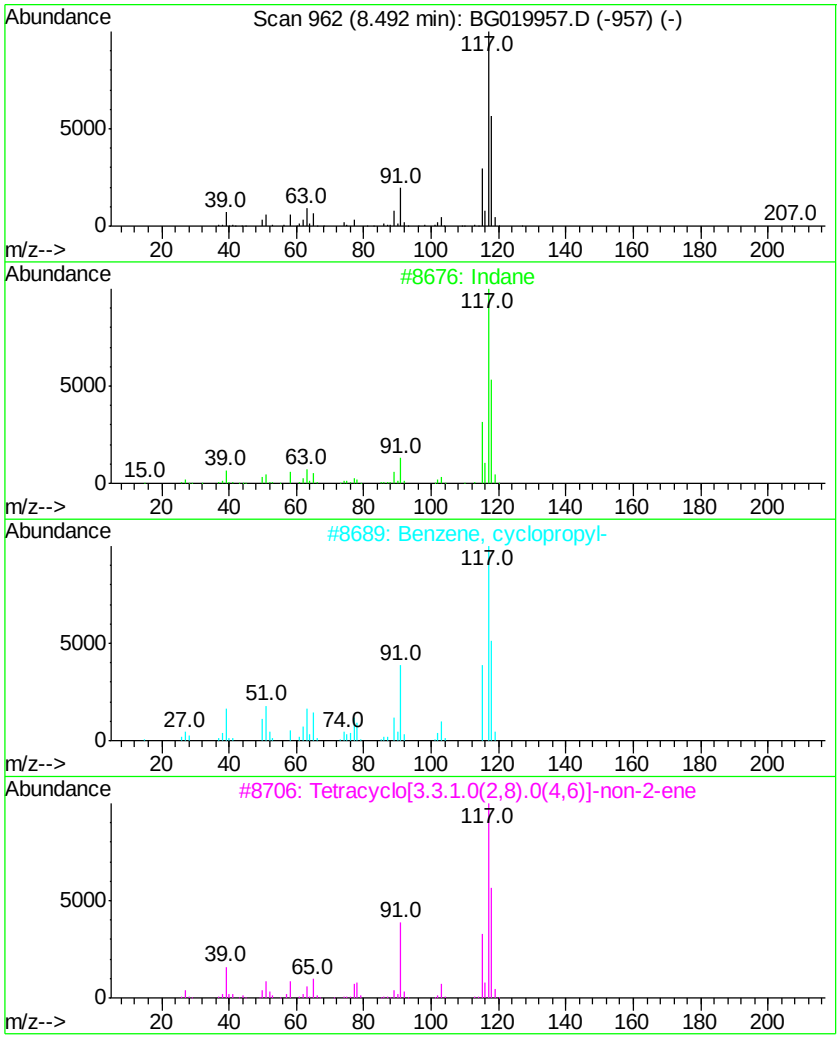
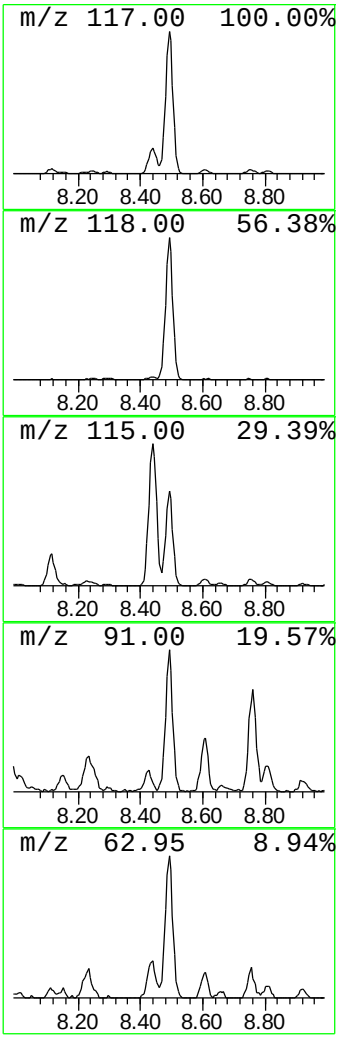
Peak Number 12 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	67.56 ng	674666	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	53
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53





Library Search Compound Report

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Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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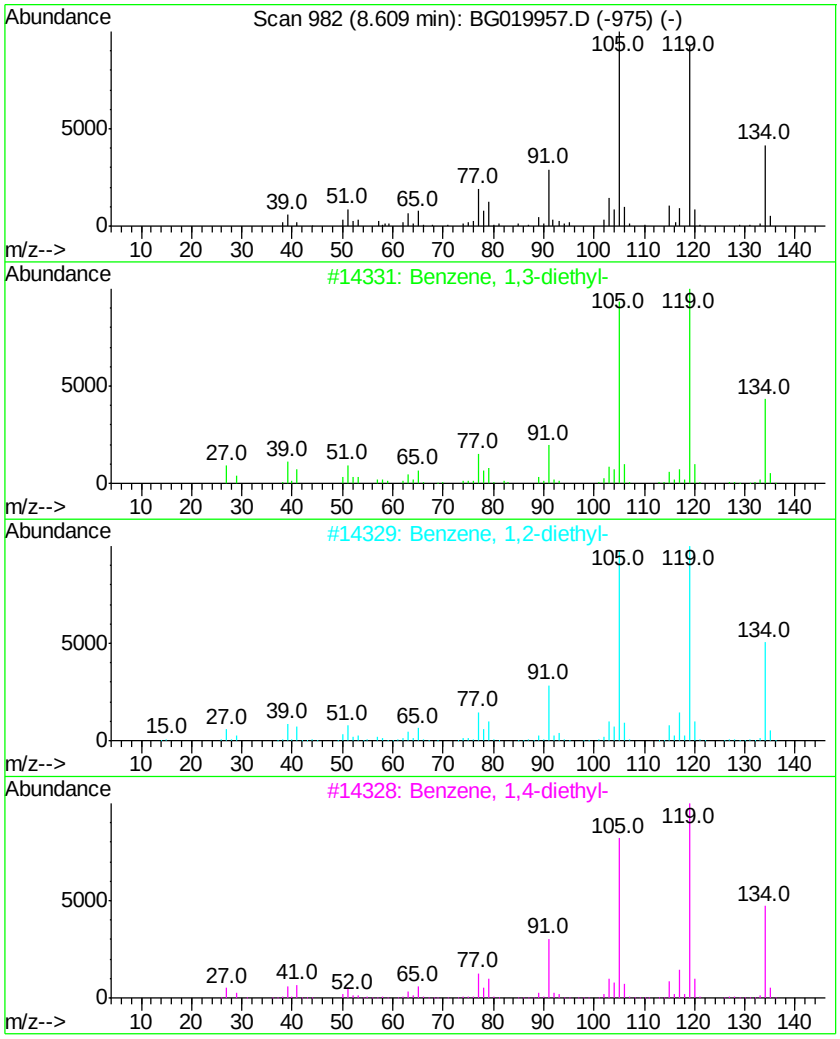
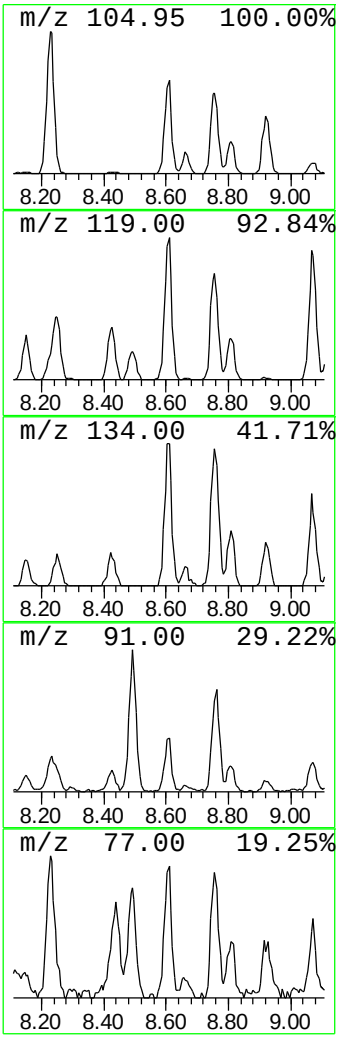
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	18.38 ng	183563	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	83





Library Search Compound Report

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Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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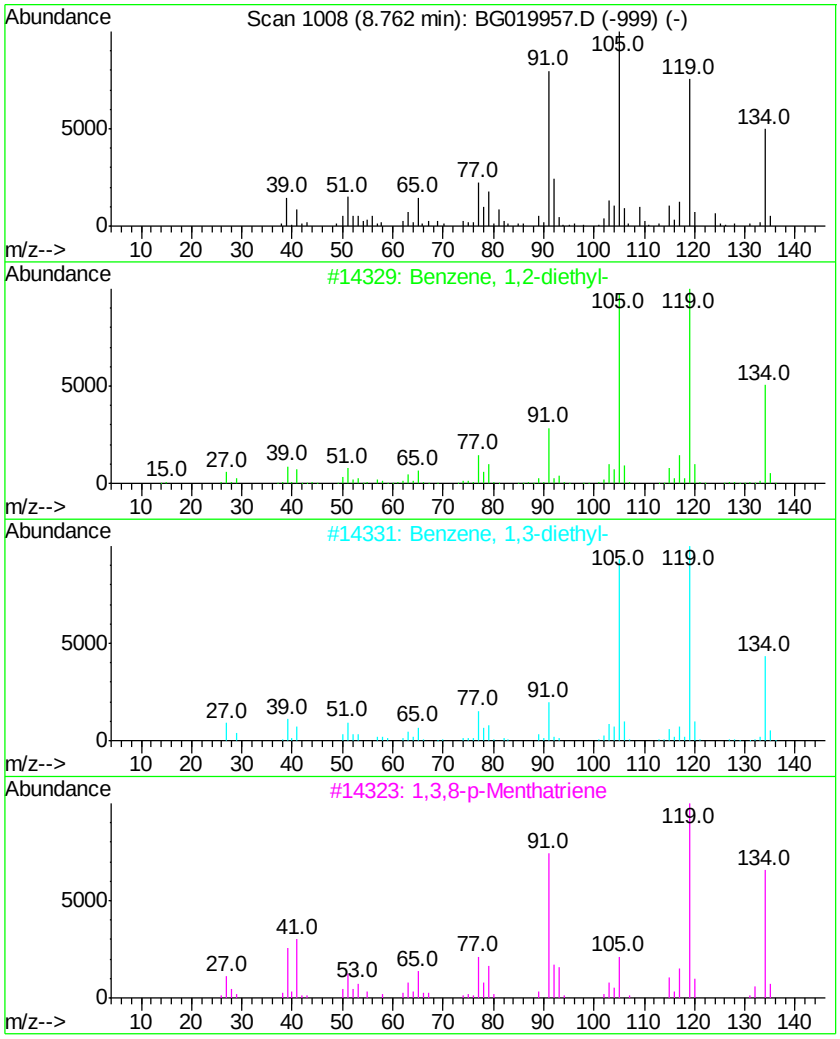
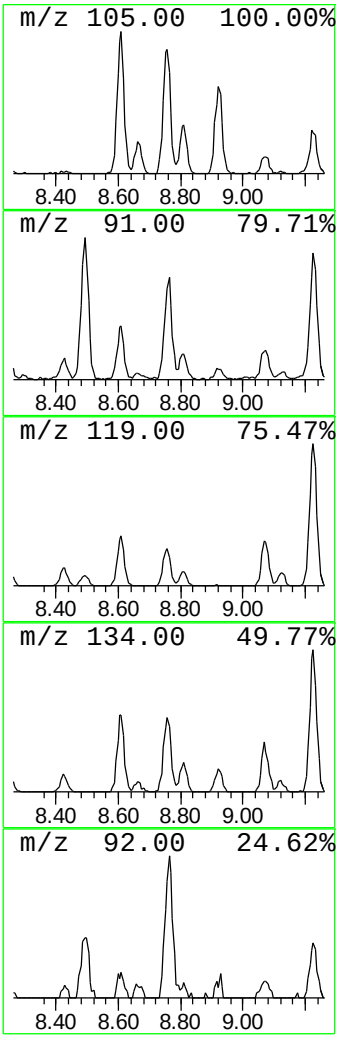
Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	22.62 ng	225888	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	87
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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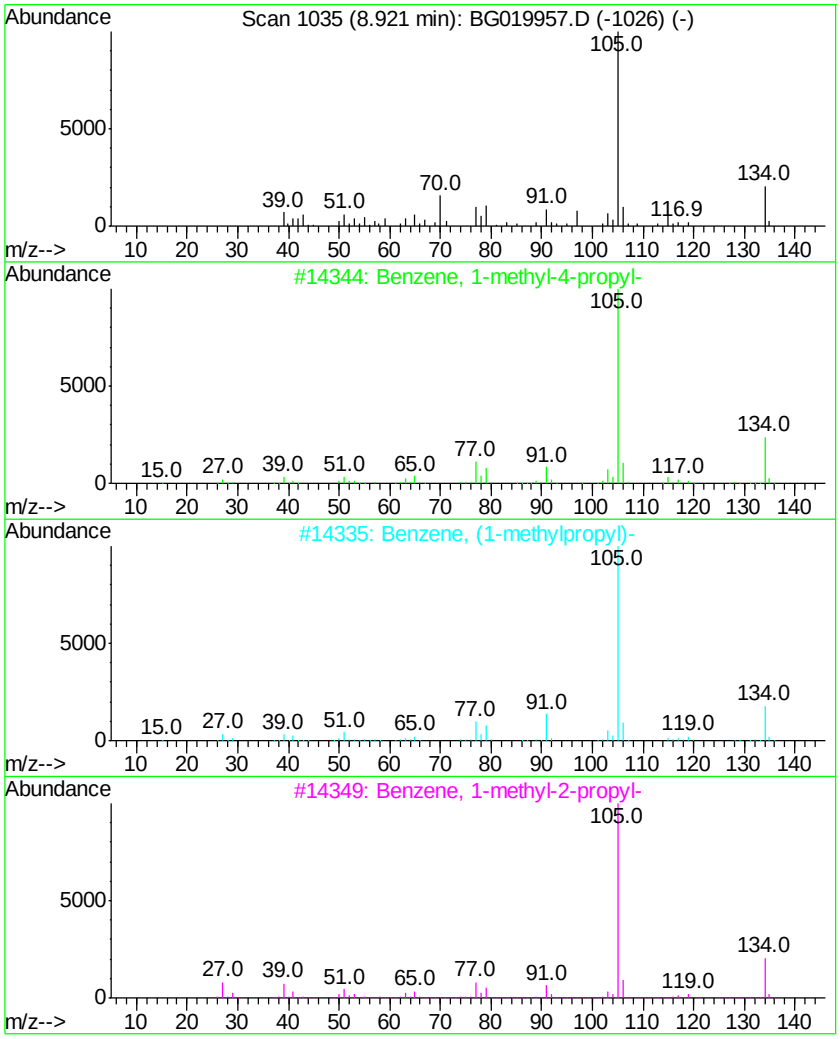
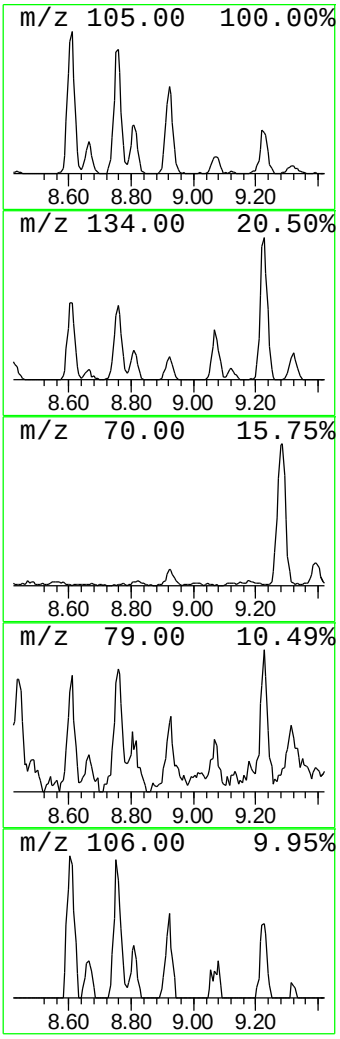
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	11.50 ng	114842	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72





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Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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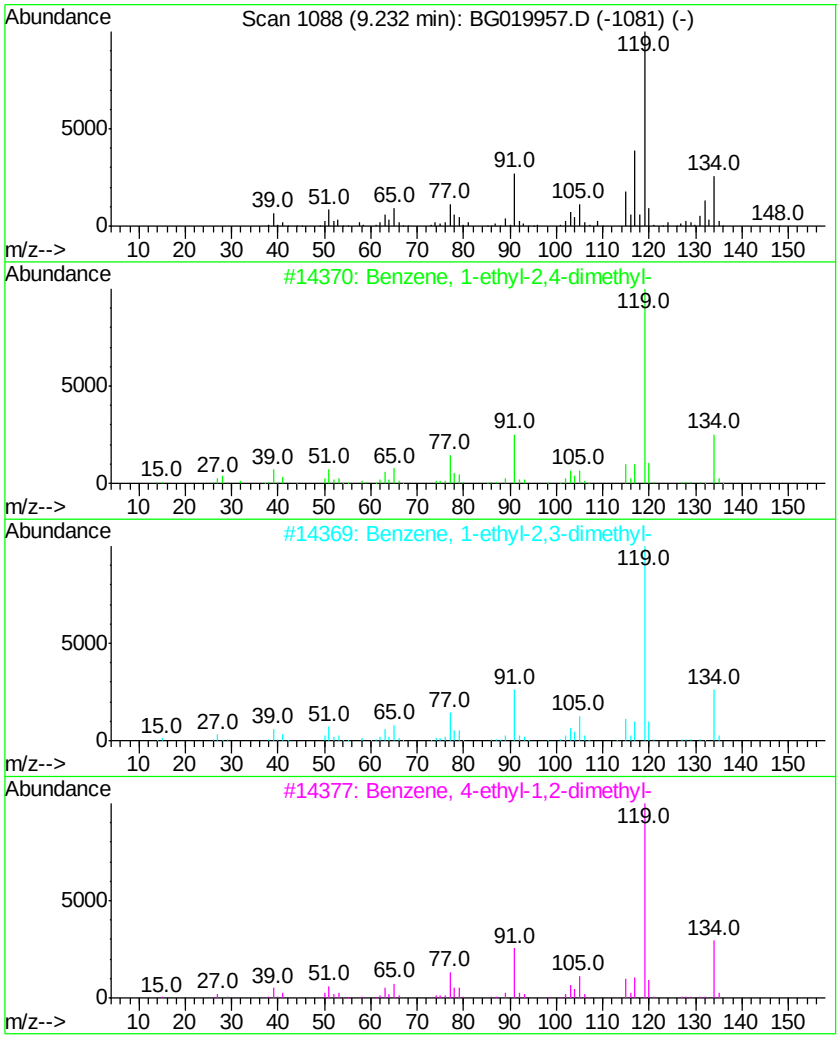
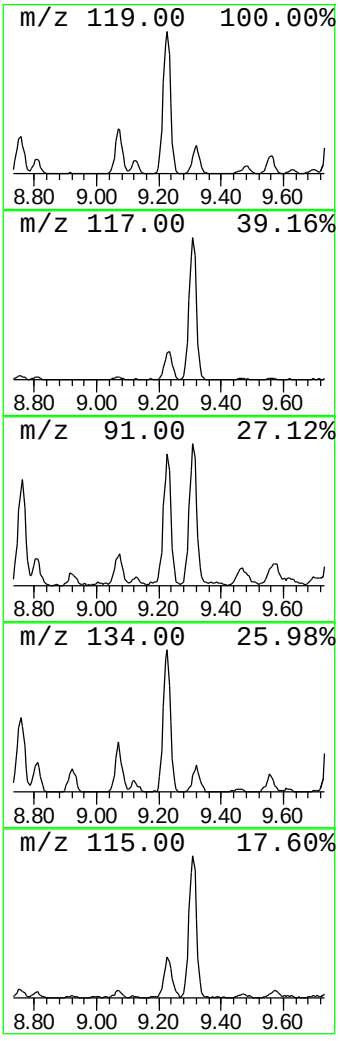
Peak Number 17 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	42.64 ng	425769	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





Library Search Compound Report

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Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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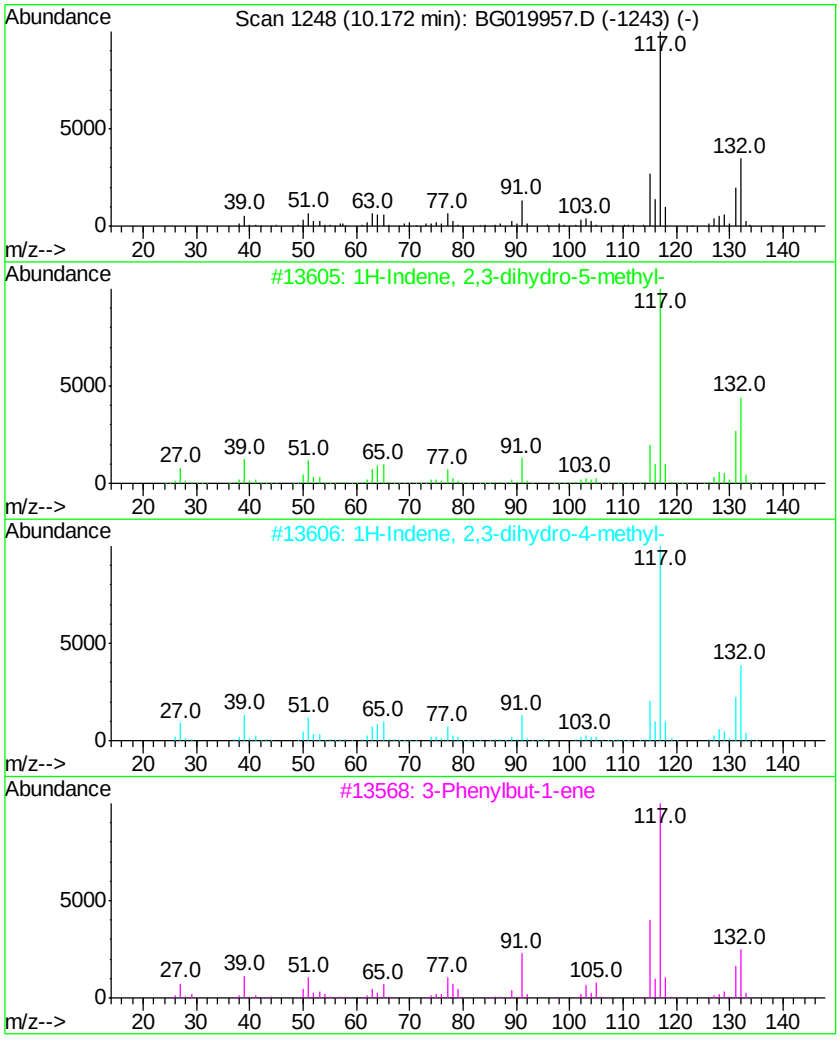
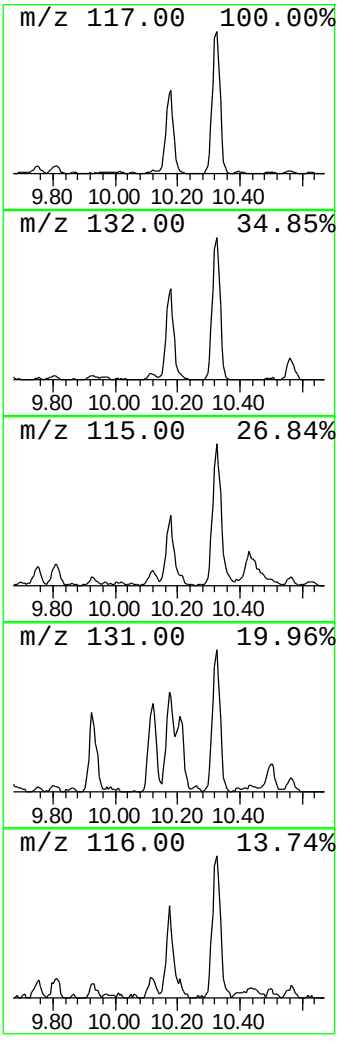
Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	13.00 ng	330086	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Operator : UM/NP
Sample : G4630-16
Misc :
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Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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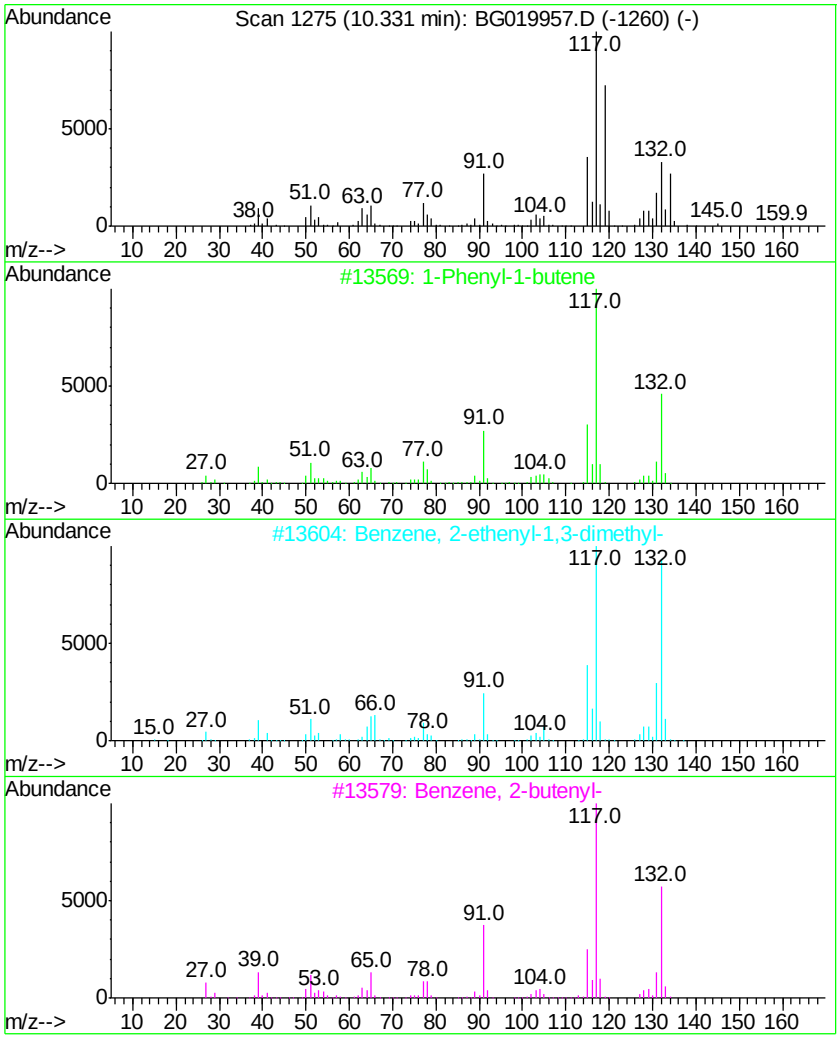
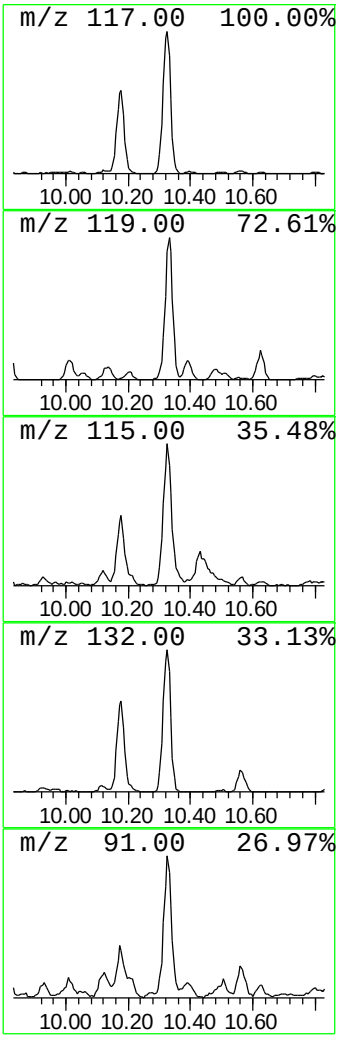
Peak Number 19 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	28.82 ng	731560	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





Tentatively Identified Compound (LSC) summary

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Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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-methy...	6.59	31.1	ng	310341	1	8.12	199722	20.0
Furan, 2-butyltet...	7.37	11.4	ng	113887	1	8.12	199722	20.0
Benzene, 1-ethyl-...	7.50	27.7	ng	276880	1	8.12	199722	20.0
unknown7.64	7.64	98.9	ng	987809	1	8.12	199722	20.0
Benzene, 1,3,5-tr...	7.76	19.1	ng	190762	1	8.12	199722	20.0
Indane	8.49	67.6	ng	674666	1	8.12	199722	20.0
Benzene, 1,3-diet...	8.61	18.4	ng	183563	1	8.12	199722	20.0
Benzene, 1,2-diet...	8.76	22.6	ng	225888	1	8.12	199722	20.0
Benzene, 1-methyl...	8.92	11.5	ng	114842	1	8.12	199722	20.0
Benzene, 1-ethyl-...	9.23	42.6	ng	425769	1	8.12	199722	20.0
1H-Indene, 2,3-di...	10.17	13.0	ng	330086	2	10.93	507666	20.0
1-Phenyl-1-butene	10.33	28.8	ng	731560	2	10.93	507666	20.0