LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

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-BG080116.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	5.153	390	394	401	rBV	180049	281152	3.54%	0.243%
2	5.235	401	408	416	rVB4	71921	191589	2.41%	0.165%
3	5.558	455	463	470	rBV	558039	959057	12.08%	0.827%
4	5.635	470	476	481	rVV	955929	1624098	20.45%	1.401%
5	5.717	481	490	503	rVB	1560482	4299265	54.14%	3.708%
6	6.069	545	550	558	rVB	442376	722540	9.10%	0.623%
7	7.156	725	735	741	rVV	977972	1933235	24.34%	1.667%
8	7.215	741	745	748	rVV	557966	948835	11.95%	0.818%
9	7.250	748	751	755	rVV	648917	1141589	14.38%	0.985%
10	7.291	755	758	772	rVB	848100	1375891	17.33%	1.187%
11	7.461	777	787	794	rBV	893697	1530546	19.27%	1.320%
12	7.620	804	814	824	rVV	1747495	3129593	39.41%	2.699%
13	7.726	824	832	845	rVB	1833993	3108486	39.14%	2.681%
14	8.090	887	894	898	rBV	455115	818954	10.31%	0.706%
15	8.125	898	900	906	rVV3	157126	240402	3.03%	0.207%
16	8.202	906	913	921	rVB	1114720	1881609	23.69%	1.623%
17	8.378	926	943	945	rBV3	390406	1120806	14.11%	0.967%
18	8.413	945	949	954	rVV	1476701	2671929	33.65%	2.305%
19	8.466	954	958	968	rVV	593313	1025649	12.92%	0.885%
20	8.572	971	976	981	rVV	100493	168442	2.12%	0.145%
21	8.630	981	986	992	rVB	150291	264164	3.33%	0.228%
22	8.724	992	1002	1016	rBV	329536	744869	9.38%	0.642%
23	8.889	1023	1030	1034	rBV3	105921	241587	3.04%	0.208%
24	9.012	1044	1051	1053	rBV	210585	347043	4.37%	0.299%
25	9.095	1061	1065	1070	rBV	138448	239147	3.01%	0.206%
26	9.147	1070	1074	1077	rVV2	133982	231809	2.92%	0.200%
27	9.194	1077	1082	1088	rVV	457943	855650	10.77%	0.738%
28	9.271	1088	1095	1104	rVB2	1471254	2868003	36.12%	2.474%
29	9.535	1131	1140	1148	rBV	188804	352439	4.44%	0.304%
30	9.729	1165	1173	1178	rBV	270454	467077	5.88%	0.403%
31	9.788	1178	1183	1189	rVV	400766	673637	8.48%	0.581%
32	9.876	1194	1198	1207	rVB3	118252	238692	3.01%	0.206%
33	9.976	1208	1215	1219	rBV8	66442	181432	2.28%	0.156%
34	10.093	1228	1235	1237	rBV6	168170	323017	4.07%	0.279%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.123	1237	1240	1242	rVV2	199561	309945	3.90%	0.267%
36	10.152	1242	1245	1256	rVB	245930	447401	5.63%	0.386%
37	10.305	1260	1271	1284	rBV3	719768	1610047	20.27%	1.389%
38	10.516	1301	1307	1311	rBV3	121460	233892	2.95%	0.202%
39	10.616	1318	1324	1331	rVB2	140121	279532	3.52%	0.241%
40	10.845	1358	1363	1367	rVV	74919	162519	2.05%	0.140%
41	10.927	1368	1377	1381	rVV	617237	1288609	16.23%	1.111%
42	10.974	1381	1385	1391	rVV2	550945	968252	12.19%	0.835%
43	11.203	1416	1424	1430	rBV8	72538	176654	2.22%	0.152%
44	11.339	1442	1447	1451	rVV	293060	532849	6.71%	0.460%
45	11.374	1451	1453	1461	rVV	138862	228192	2.87%	0.197%
46	11.485	1461	1472	1477	rVV3	423662	1047793	13.19%	0.904%
47	11.544	1477	1482	1495	rVB2	501831	1239724	15.61%	1.069%
48	11.744	1508	1516	1525	rBV3	184265	551912	6.95%	0.476%
49	11.838	1527	1532	1535	rVV	91106	172385	2.17%	0.149%
50	11.902	1535	1543	1549	rVV2	364791	866201	10.91%	0.747%
51	12.026	1558	1564	1573	rVB6	89238	252640	3.18%	0.218%
52	12.314	1605	1613	1620	rBV	1511525	2640977	33.26%	2.278%
53	12.455	1631	1637	1645	rVB7	123068	280315	3.53%	0.242%
54	12.584	1653	1659	1664	rVV	414580	689587	8.68%	0.595%
55	12.643	1664	1669	1674	rVV	433455	683940	8.61%	0.590%
56	12.801	1682	1696	1700	rBV2	1457011	3102373	39.07%	2.676%
57	12.848	1700	1704	1709	rVV3	1070569	2668161	33.60%	2.301%
58	12.925	1709	1717	1722	rVV	1409133	3864703	48.67%	3.333%
59	12.983	1723	1727	1734	rVB3	658160	1044816	13.16%	0.901%
60	13.101	1742	1747	1751	rBV	224795	384014	4.84%	0.331%
61	13.201	1751	1764	1777	rVB3	1156813	3797136	47.82%	3.275%
62	13.306	1777	1782	1784	rBV3	101854	163470	2.06%	0.141%
63	13.377	1788	1794	1802	rVB	3479779	5670874	71.41%	4.891%
64	13.453	1802	1807	1813	rBV7	80221	181422	2.28%	0.156%
65	13.583	1820	1829	1843	rVB3	501434	1495824	18.84%	1.290%
66	13.724	1847	1853	1859	rVB	245546	415550	5.23%	0.358%
67	13.818	1859	1869	1875	rBV3	620054	1836279	23.12%	1.584%
68	13.894	1875	1882	1885	rBV4	358572	893342	11.25%	0.771%
69	14.017	1892	1903	1907	rBV2	1579137	3777250	47.57%	3.258%
70	14.058	1908	1910	1928	rVB3	785668	1415290	17.82%	1.221%
71	14.246	1931	1942	1946	rBV2	923259	2537765	31.96%	2.189%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.293	1946	1950	1958	rVB	1030682	1755081	22.10%	1.514%
73	14.364	1958	1962	1967	rVB3	98967	165918	2.09%	0.143%
74	14.434	1969	1974	1979	rBV	485737	719122	9.06%	0.620%
75	14.493	1979	1984	1988	rVB5	128162	216557	2.73%	0.187%
76	14.546	1988	1993	1996	rBV3	160135	265603	3.34%	0.229%
77	14.581	1996	1999	2010	rVB3	165509	363387	4.58%	0.313%
78	14.728	2019	2024	2026	rBV	207160	314056	3.95%	0.271%
79	14.763	2026	2030	2038	rVB2	1042188	1693266	21.32%	1.460%
80	14.863	2040	2047	2052	rBV2	418431	711995	8.97%	0.614%
81	14.922	2052	2057	2062	rBV	646787	1122007	14.13%	0.968%
82	14.969	2062	2065	2074	rVB6	277090	523782	6.60%	0.452%
83	15.098	2081	2087	2093	rBV2	415245	636020	8.01%	0.549%
84	15.163	2094	2098	2107	rVV2	84619	155229	1.95%	0.134%
85	15.239	2107	2111	2114	rVV3	162519	210571	2.65%	0.182%
86	15.280	2114	2118	2125	rVB2	150656	283695	3.57%	0.245%
87	15.392	2133	2137	2139	rBV2	99425	144386	1.82%	0.125%
88	15.503	2152	2156	2162	rVB5	142243	234462	2.95%	0.202%
89	15.650	2174	2181	2186	rBV3	221617	462741	5.83%	0.399%
90	15.862	2213	2217	2223	rBV	306035	500028	6.30%	0.431%
91	16.197	2268	2274	2278	rBV6	84029	172893	2.18%	0.149%
92	16.261	2279	2285	2296	rVB	3241955	4949903	62.33%	4.269%
93	16.625	2343	2347	2358	rVB3	85485	184992	2.33%	0.160%
94	17.524	2494	2500	2507	rBV2	1347138	2076331	26.15%	1.791%
95	18.400	2644	2649	2653	rBV2	102410	143246	1.80%	0.124%
96	19.663	2860	2864	2871	rBV4	98537	162478	2.05%	0.140%
97	20.138	2938	2945	2950	rBV	5748416	7941141	100.00%	6.849%
98	21.442	3163	3167	3174	rBV10	66929	150686	1.90%	0.130%
99	21.842	3228	3235	3244	rBV	1360288	2315649	29.16%	1.997%
100	25.220	3800	3810	3823	rVB3	704752	2248731	28.32%	1.940%

Sum of corrected areas: 115937824

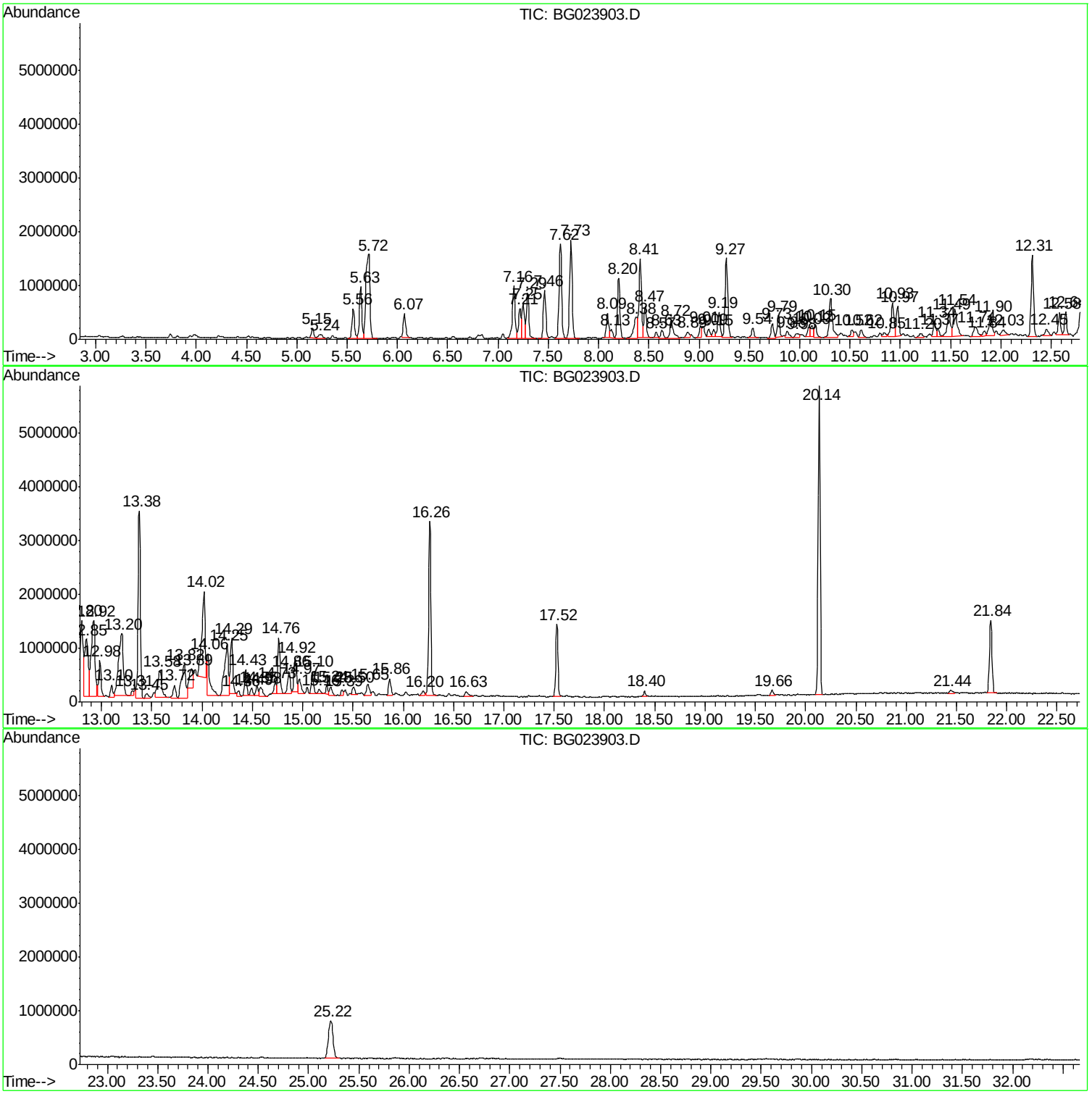
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

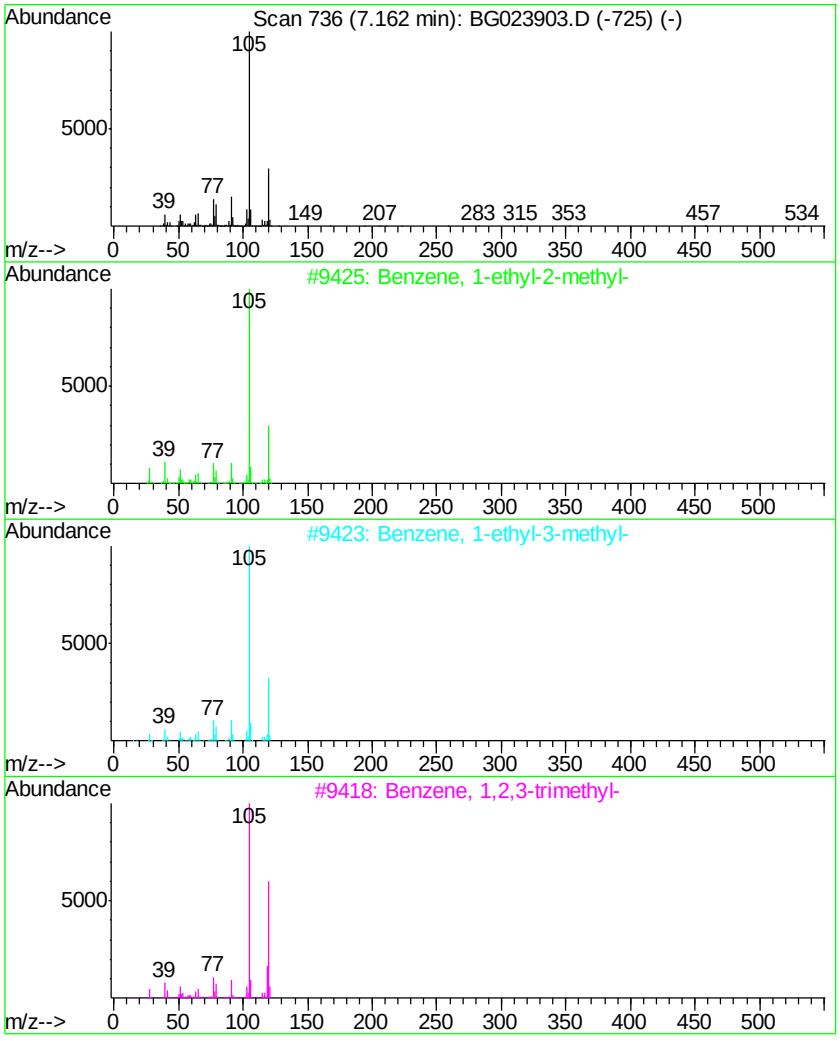
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

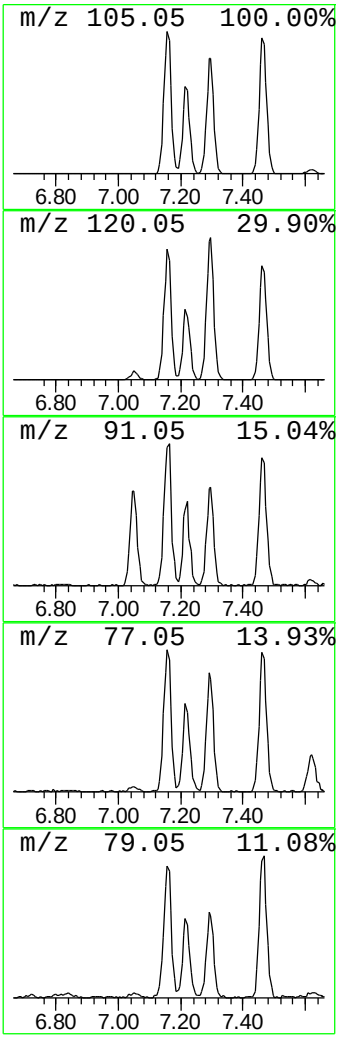
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	47.21 ng	1933240	1,4-Dichlorobenzene-d4	8.09

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

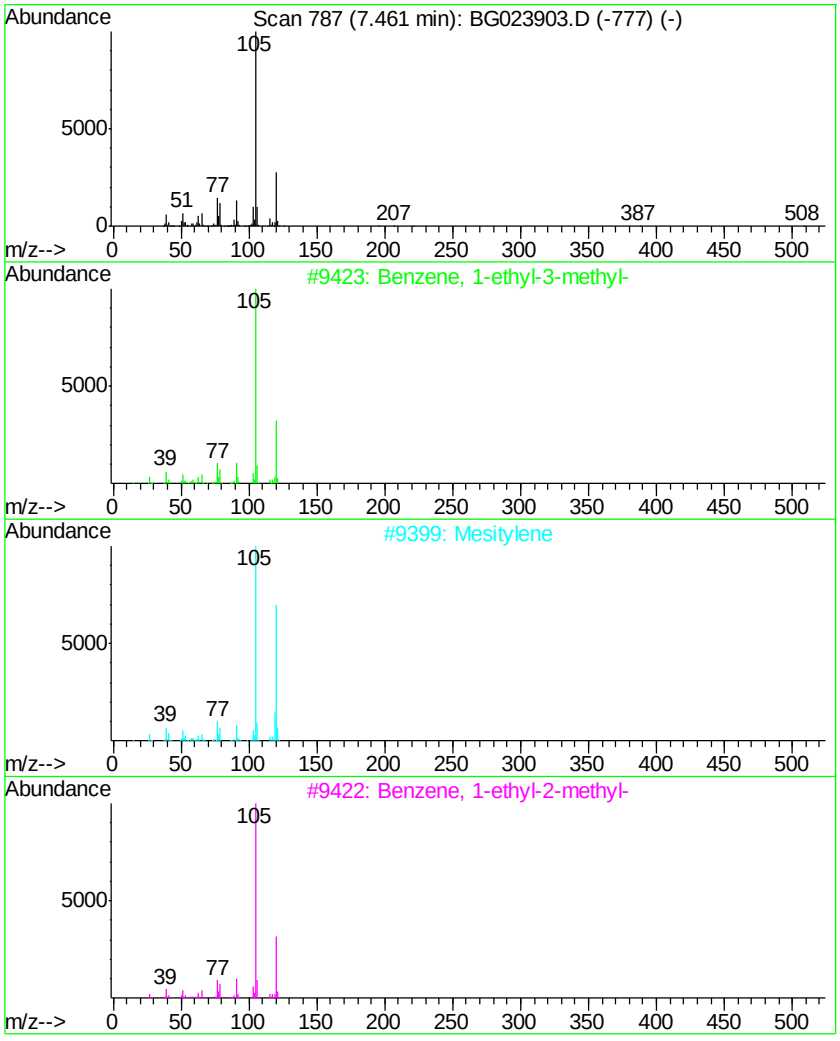
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

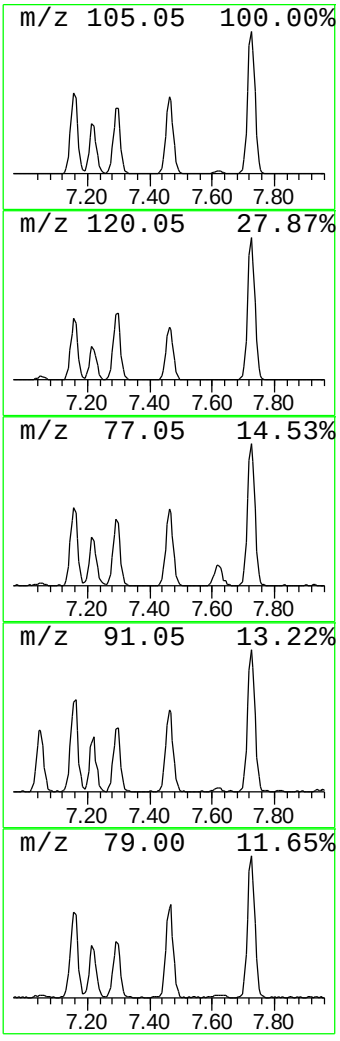
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	37.38 ng	1530550	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

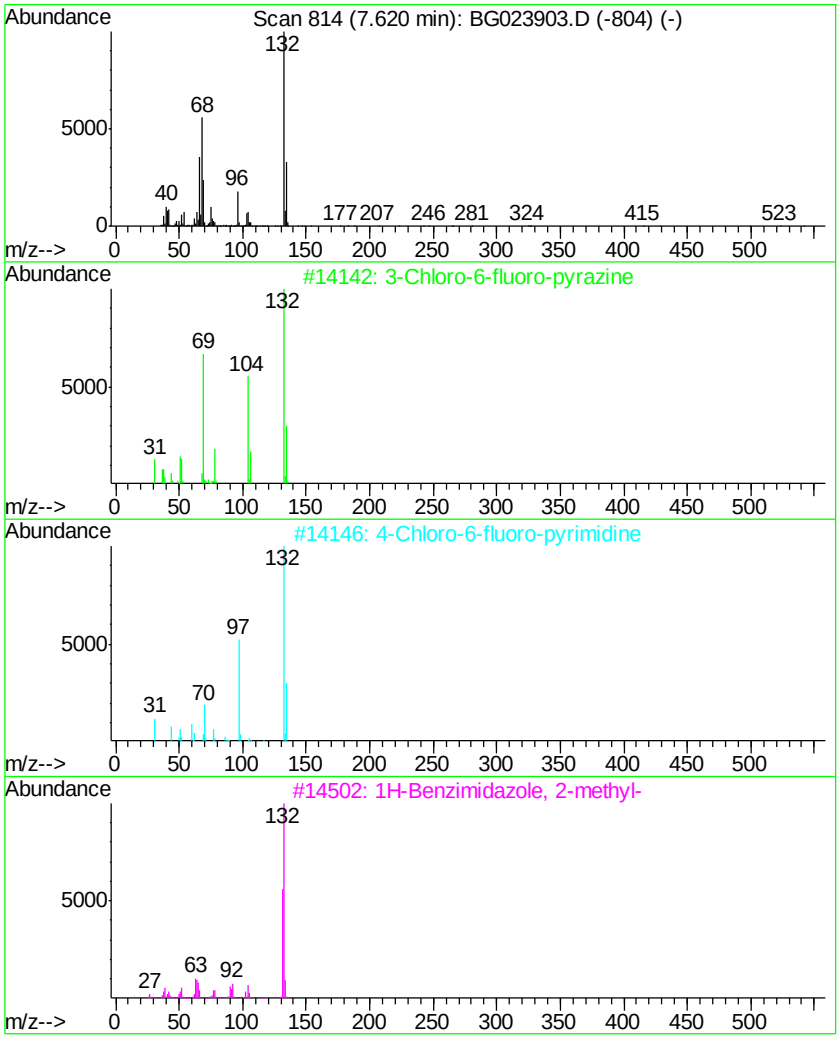
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

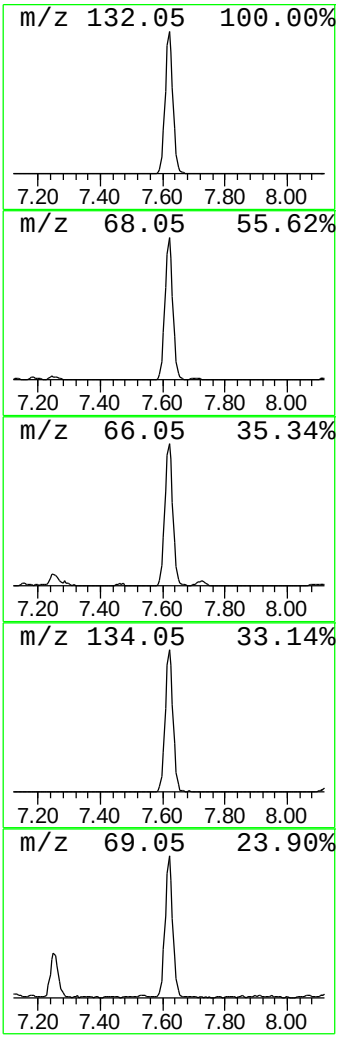
****

Peak Number 5 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	76.43 ng	3129590	1,4-Dichlorobenzene-d4	8.09

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

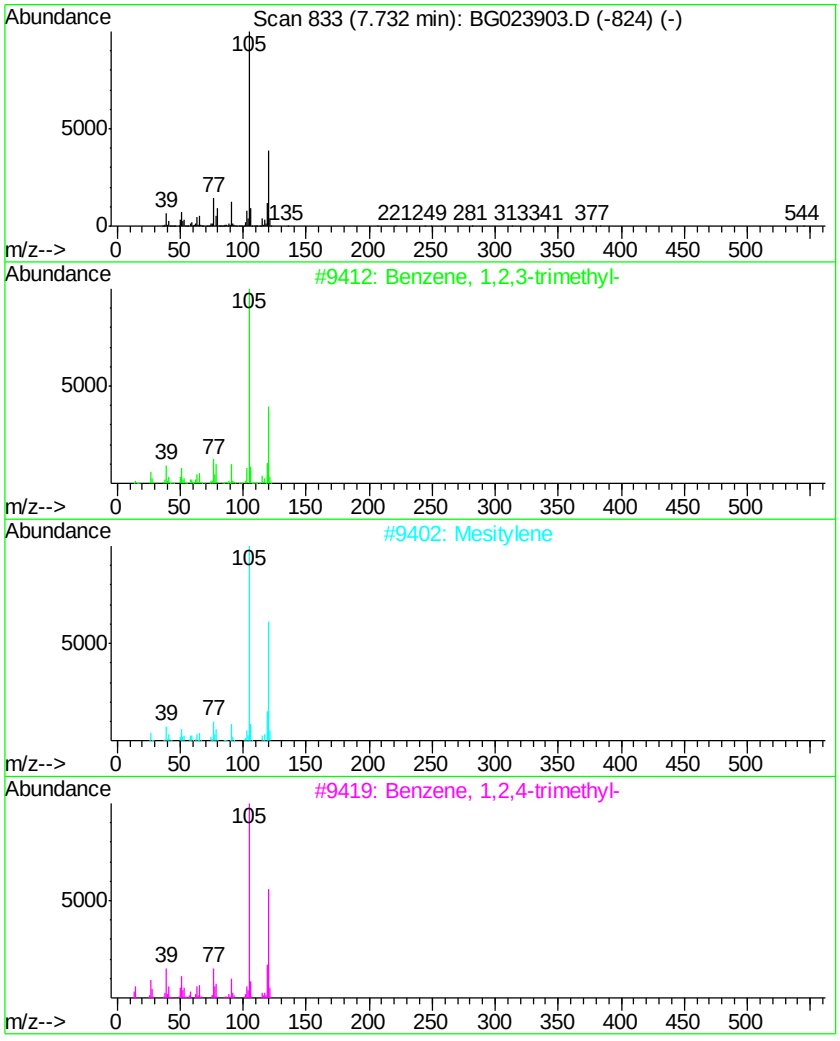
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

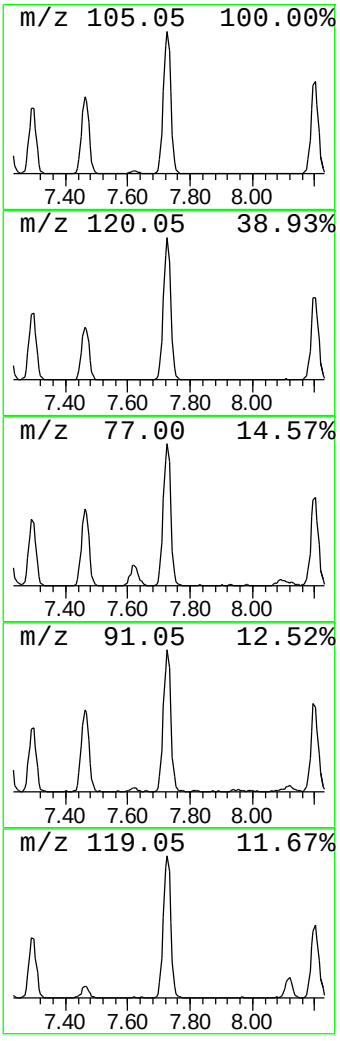
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	75.91 ng	3108490	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	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	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

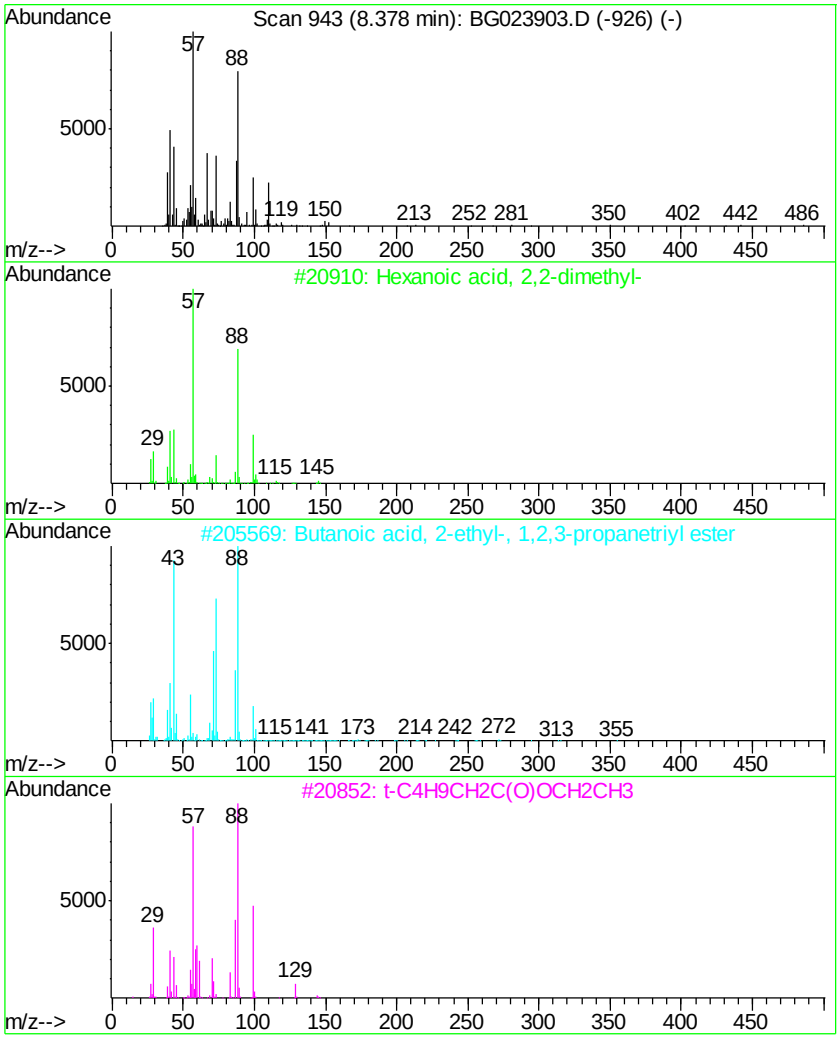
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

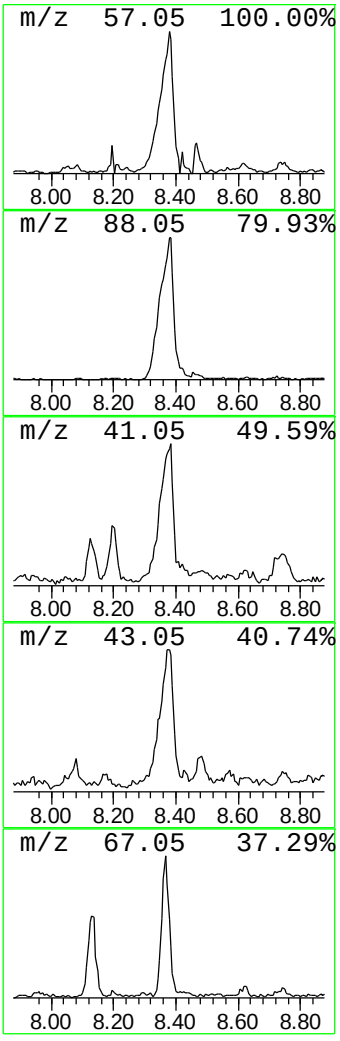
****

Peak Number 8 Hexanoic acid, 2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	27.37 ng	1120810	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	50
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
3	t-C4H9CH2C(O)OCH2CH3	144	C8H16O2	005340-78-3	37
4	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	37
5	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023903.D
Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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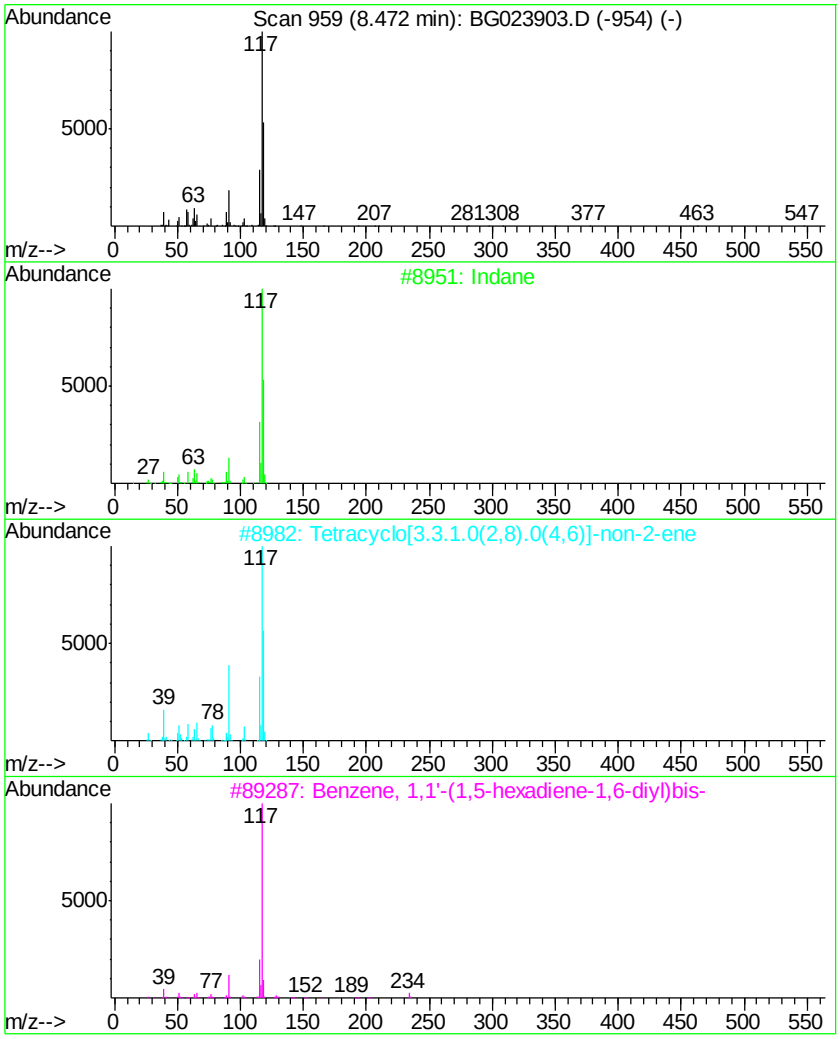
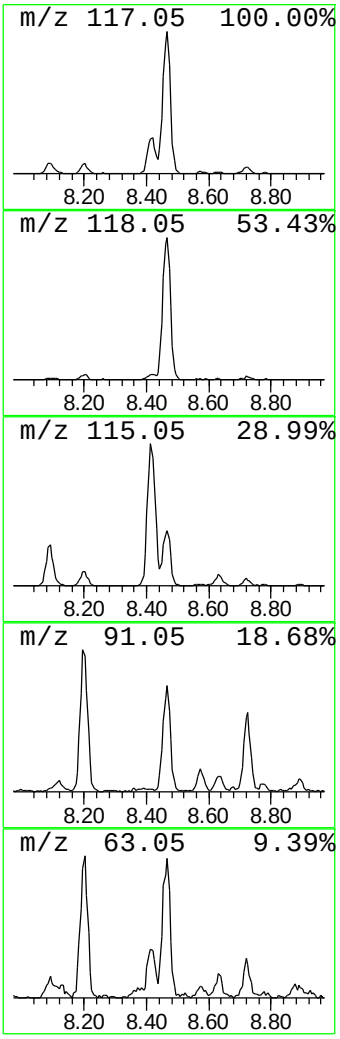
Peak Number 10 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	25.05 ng	1025650	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
4	Deltacyclene	118	C9H10	007785-10-6	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50





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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

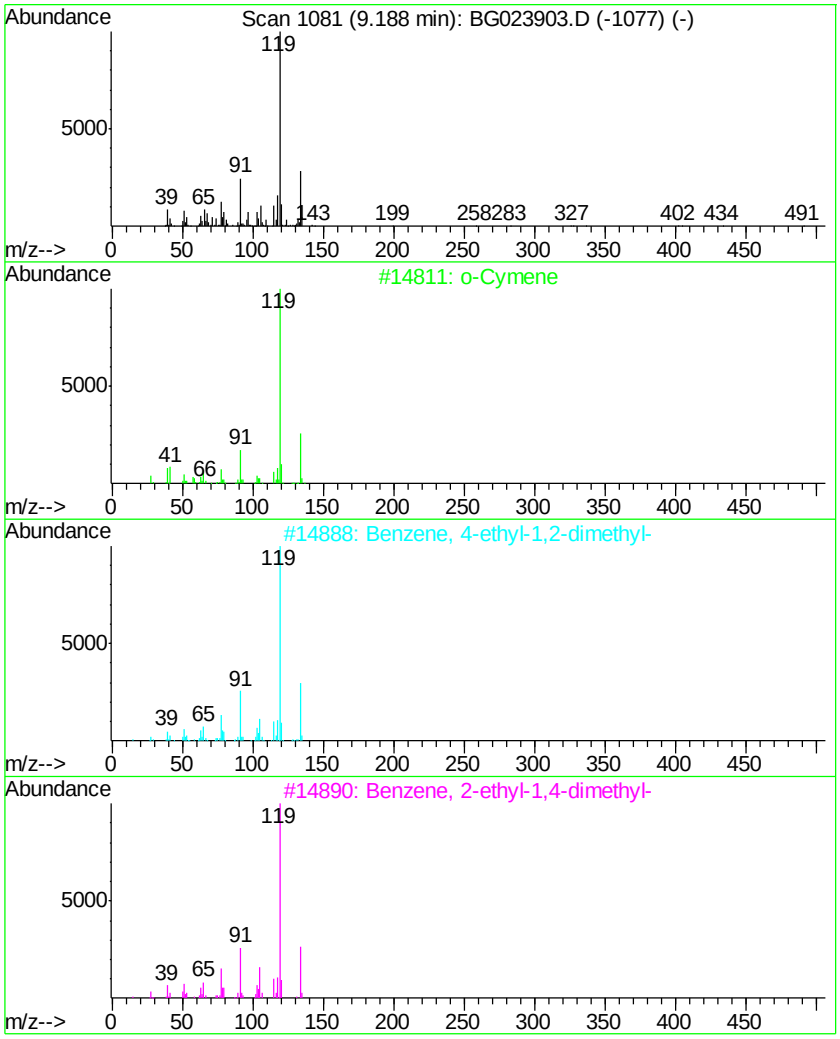
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

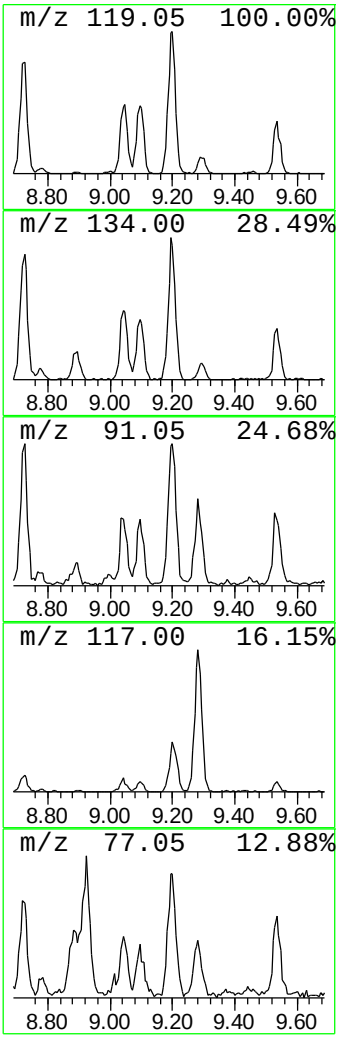
****

Peak Number 11 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	20.90 ng	855650	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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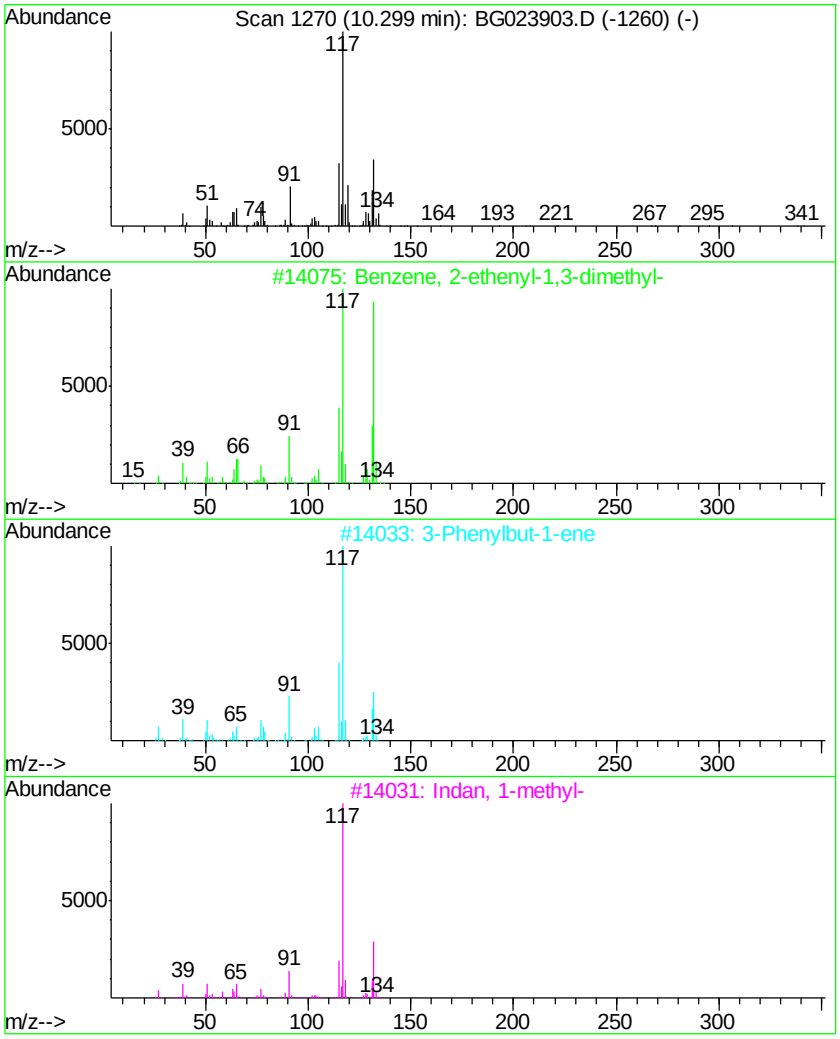
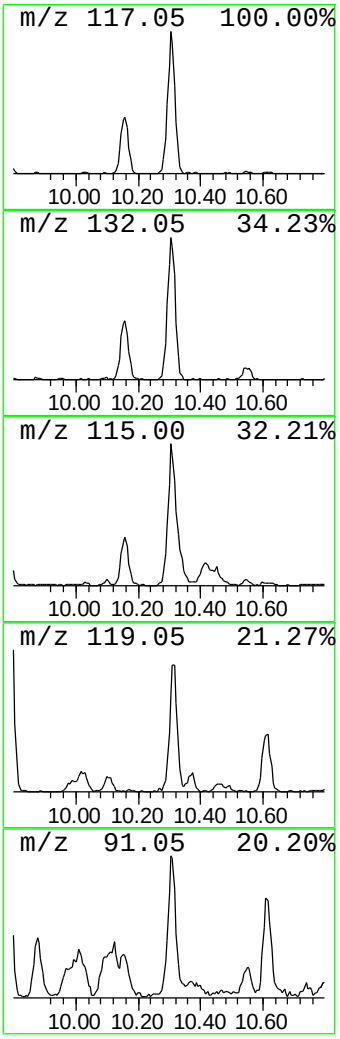
Peak Number 12 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	24.99 ng	1610050	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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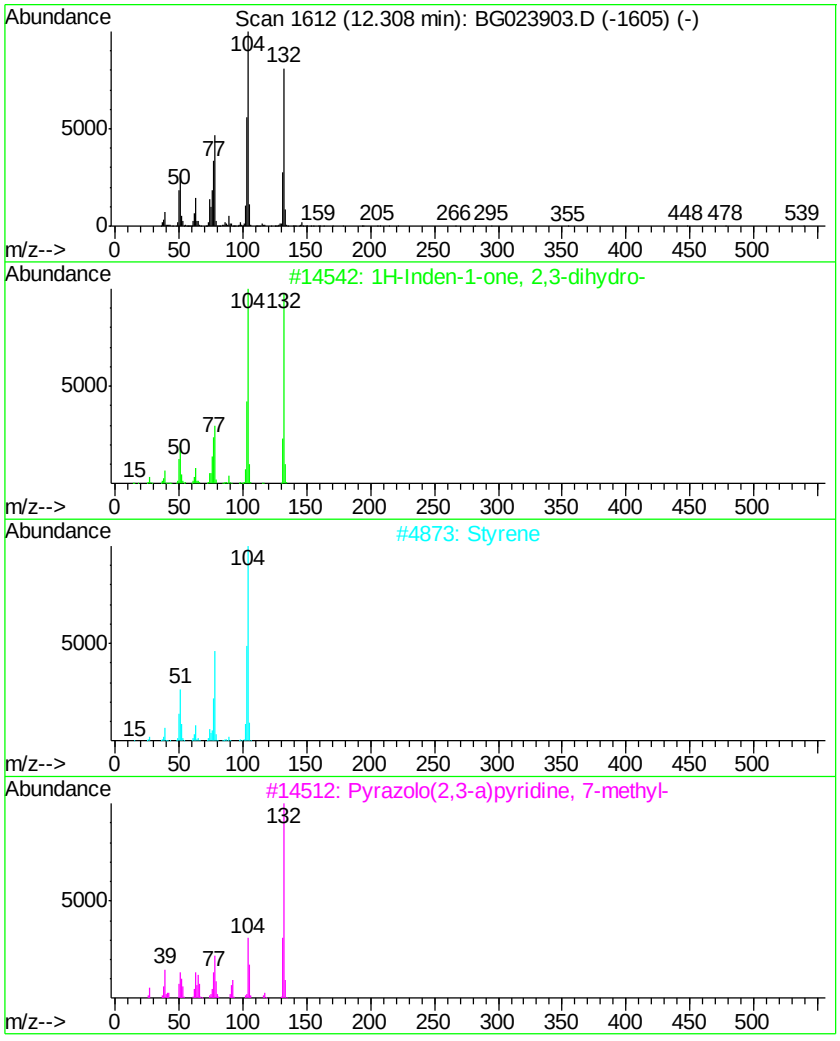
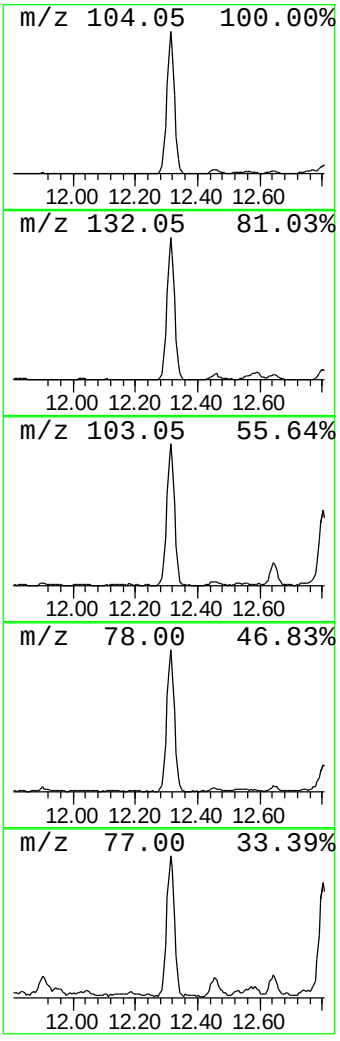
Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	40.99 ng	2640980	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Styrene	104	C8H8	000100-42-5	91
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	68
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64





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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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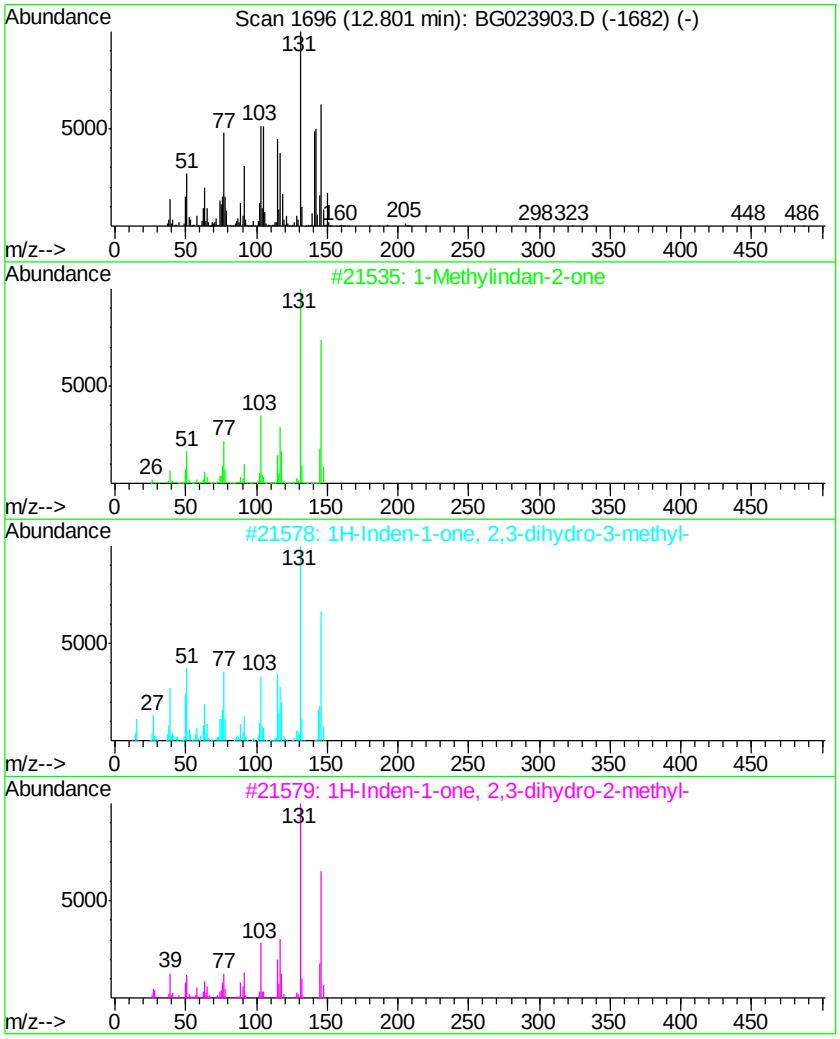
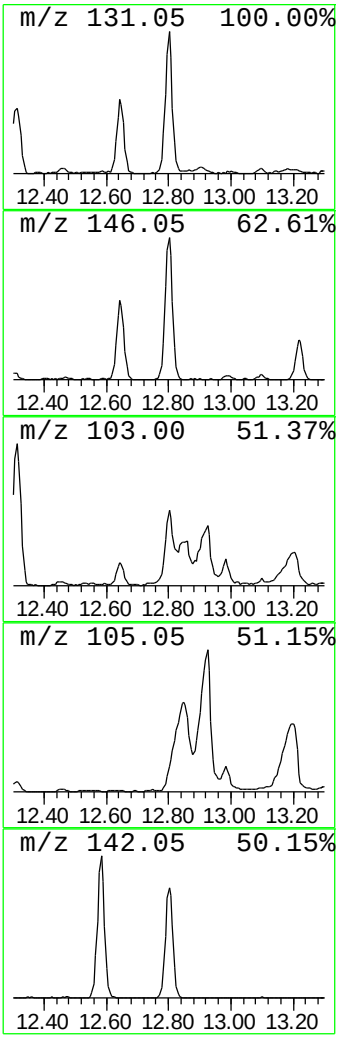
Peak Number 14 1-Methylindan-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	48.15 ng	3102370	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	91
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	78
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
4	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	42
5	1-Nonen-3-one, 1-phenyl-	216	C15H20O	030669-47-7	35





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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

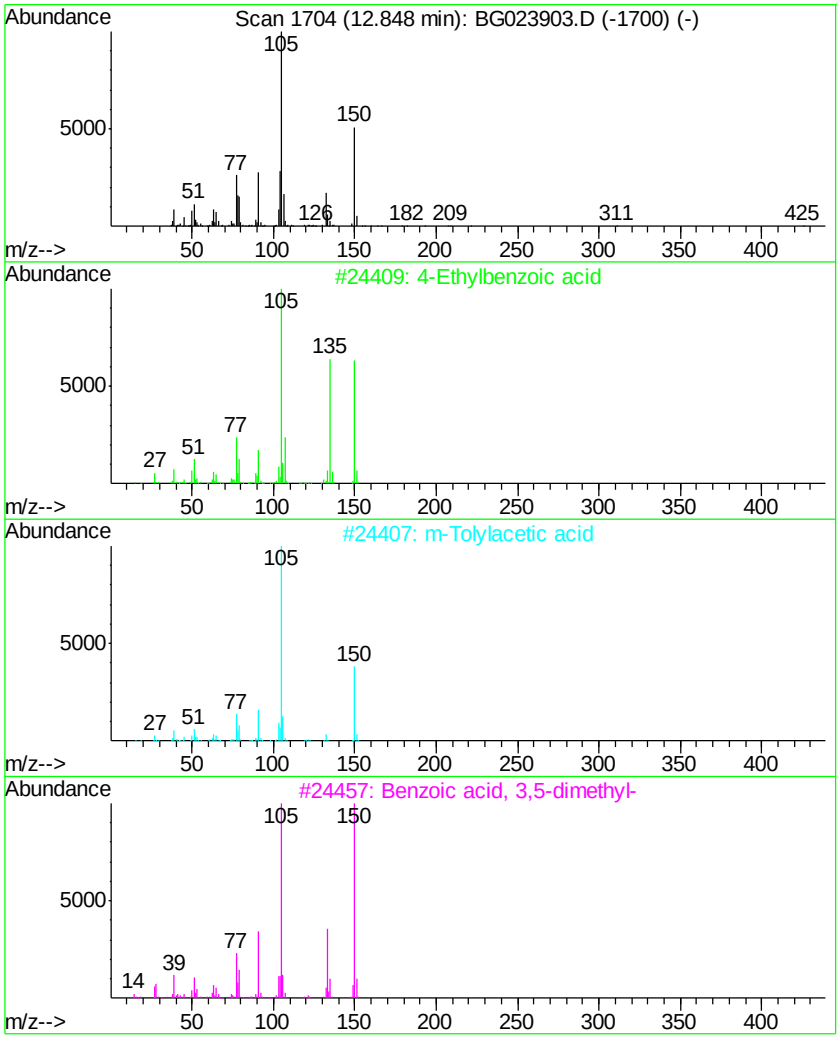
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

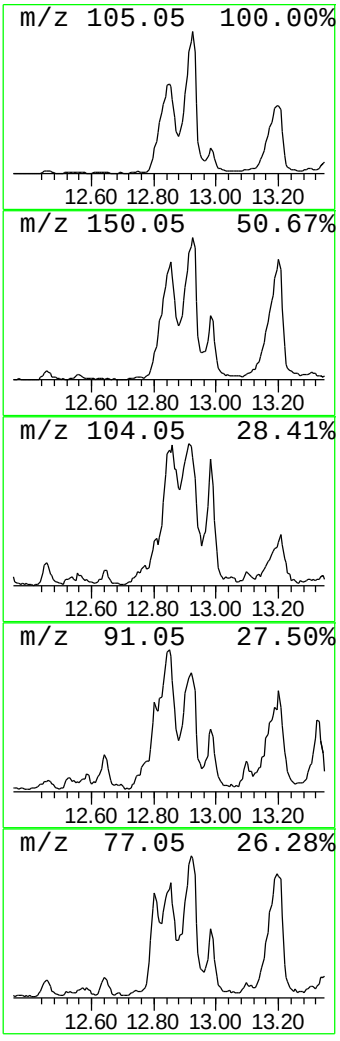
****

Peak Number 15 4-Ethylbenzoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	31.52 ng	2668160	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	72
2	m-Tolylacetic acid	150	C9H10O2	000621-36-3	72
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	64
4	o-Tolylacetic acid	150	C9H10O2	000644-36-0	64
5	Benzamide, 2-(methylamino)-	150	C8H10N2O	007505-81-9	64





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Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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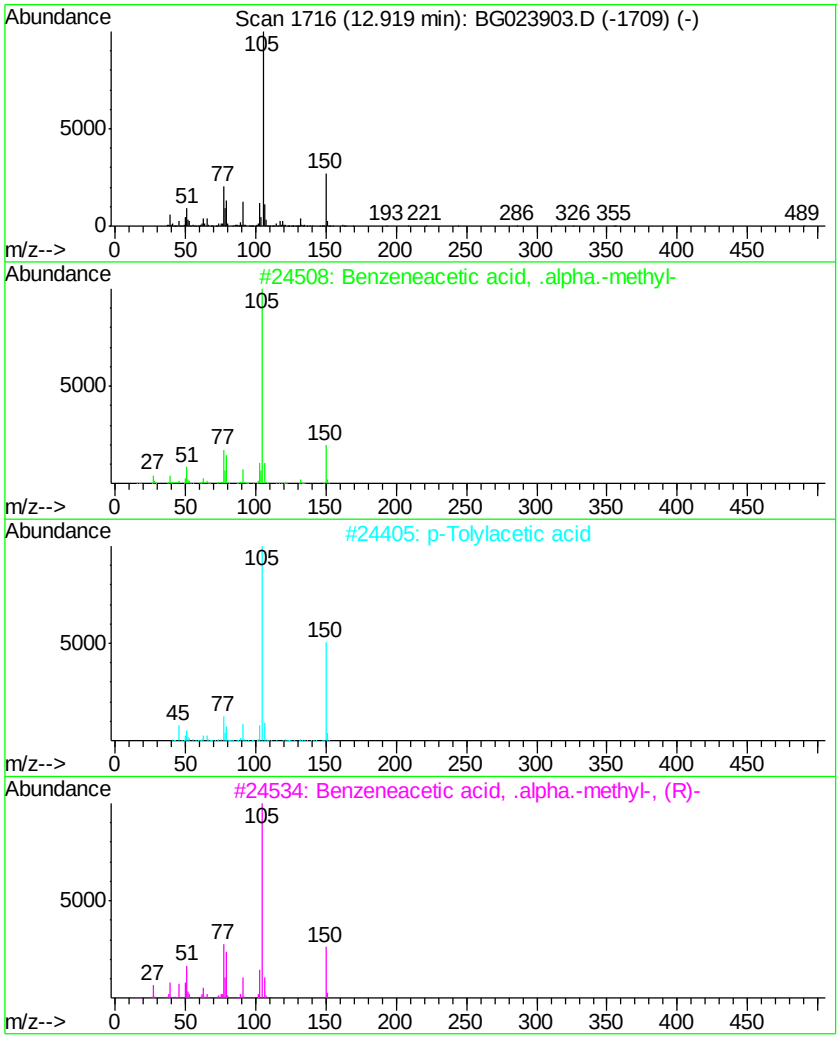
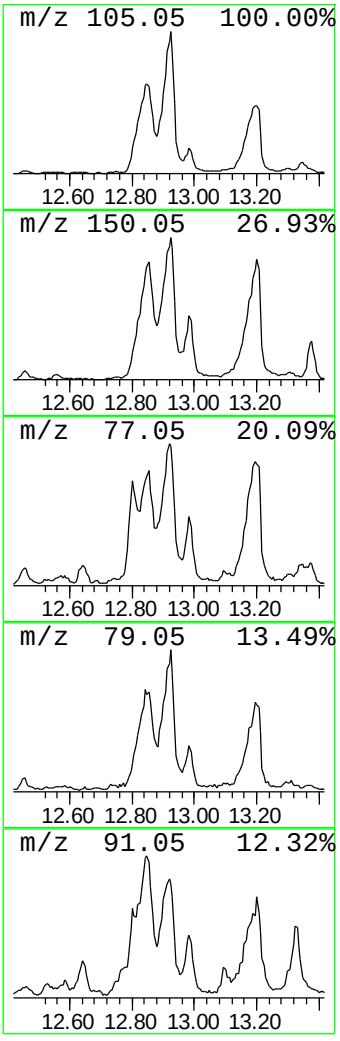
Peak Number 16 Benzeneacetic acid, .alpha.... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	45.65 ng	3864700	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	94
2	p-Tolylacetic acid	150	C9H10O2	000622-47-9	91
3	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	87
4	o-Tolylacetic acid	150	C9H10O2	000644-36-0	83
5	m-Tolylacetic acid	150	C9H10O2	000621-36-3	80





Library Search Compound Report

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Acq On : 25 Aug 2016 21:05
Operator : UM/SJ
Sample : H4592-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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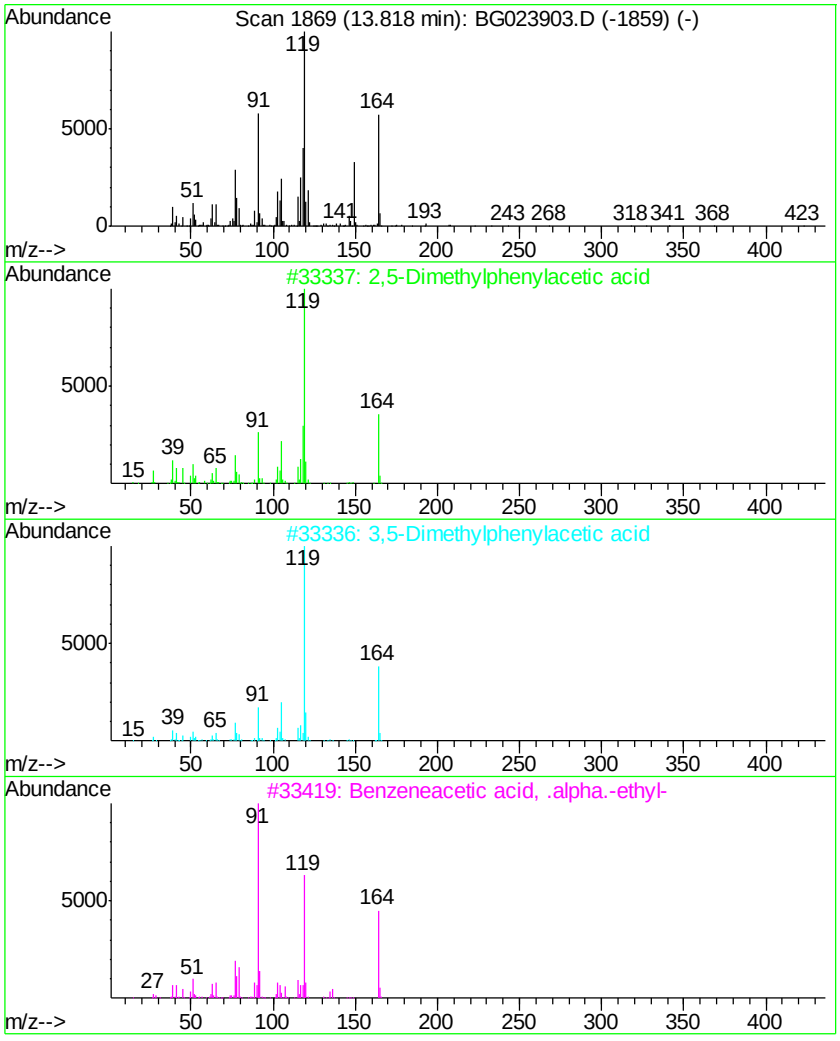
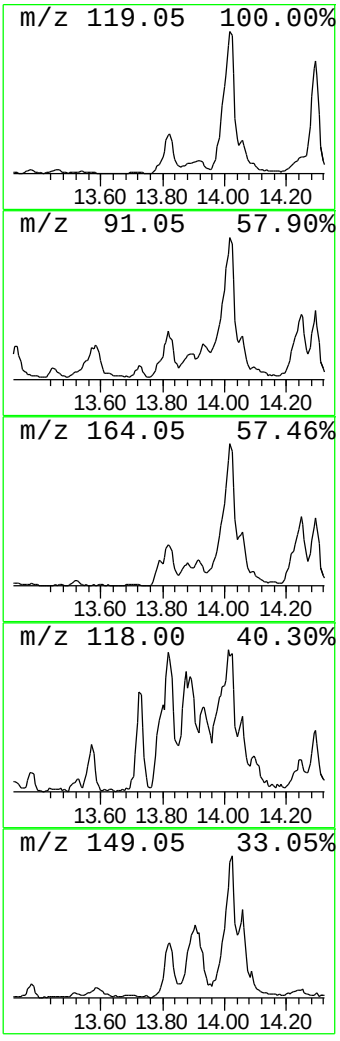
Peak Number 18 2,5-Dimethylphenylacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	21.69 ng	1836280	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	87
2	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	52
3	Benzeneacetic acid, .alpha.-ethyl-	164	C10H12O2	000090-27-7	49
4	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	46
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	45





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-9R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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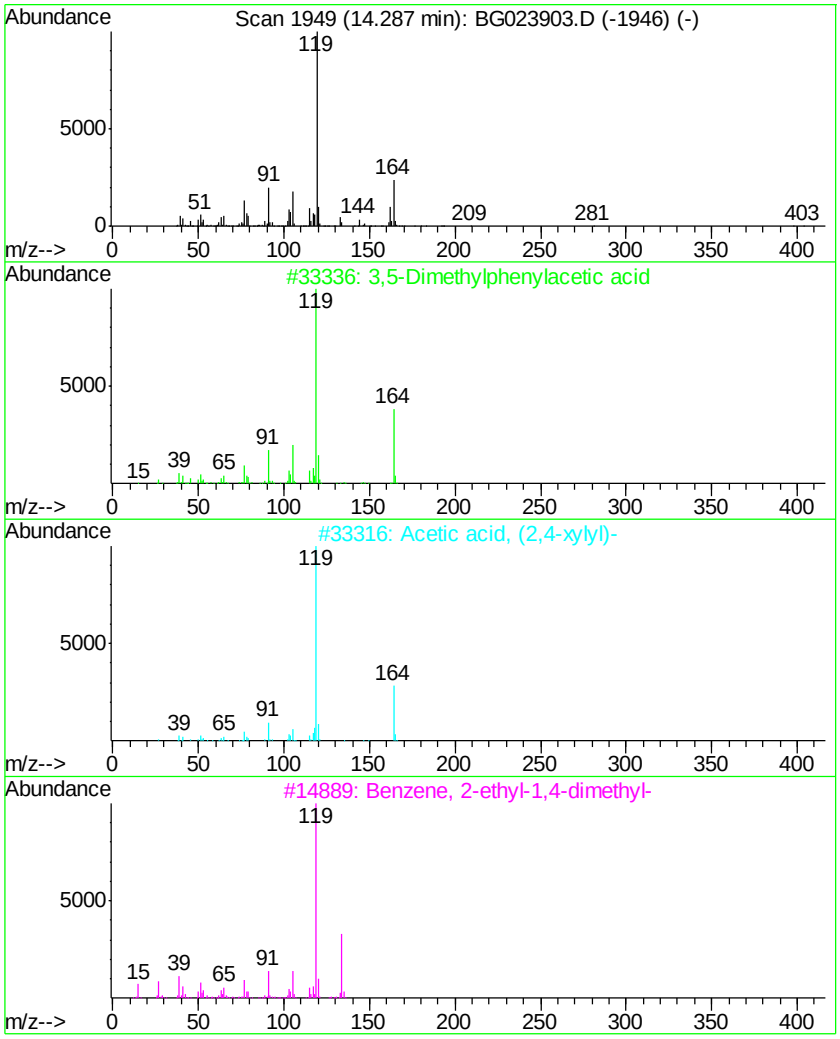
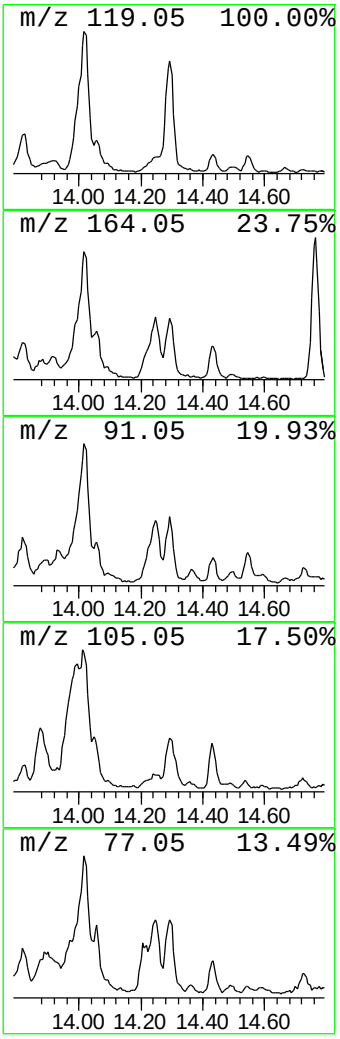
Peak Number 20 3,5-Dimethylphenylacetic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	20.73 ng	1755080	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	93
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	81
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62





Tentatively Identified Compound (LSC) summary

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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-ethyl-...	7.16	47.2	ng	1933240	1	8.09	818954	20.0
Benzene, 1-ethyl-...	7.46	37.4	ng	1530550	1	8.09	818954	20.0
unknown7.62	7.62	76.4	ng	3129590	1	8.09	818954	20.0
Benzene, 1,2,3-tr...	7.73	75.9	ng	3108490	1	8.09	818954	20.0
Hexanoic acid, 2,...	8.38	27.4	ng	1120810	1	8.09	818954	20.0
Indane	8.47	25.1	ng	1025650	1	8.09	818954	20.0
o-Cymene	9.19	20.9	ng	855650	1	8.09	818954	20.0
Benzene, 2-etheny...	10.30	25.0	ng	1610050	2	10.93	1288610	20.0
1H-Inden-1-one, 2...	12.31	41.0	ng	2640980	2	10.93	1288610	20.0
1-Methylindan-2-one	12.80	48.1	ng	3102370	2	10.93	1288610	20.0
4-Ethylbenzoic acid	12.85	31.5	ng	2668160	3	14.76	1693270	20.0
Benzeneacetic aci...	12.92	45.6	ng	3864700	3	14.76	1693270	20.0
2,5-Dimethylpheny...	13.82	21.7	ng	1836280	3	14.76	1693270	20.0
3,5-Dimethylpheny...	14.29	20.7	ng	1755080	3	14.76	1693270	20.0