LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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	5.189	394	400	405	rBV	50659	77868	2.43%	0.325%
2	5.659	473	480	491	rBV	299731	485564	15.18%	2.025%
3	6.593	631	639	647	rBV	39181	75505	2.36%	0.315%
4	7.086	715	723	729	rBV	52819	94918	2.97%	0.396%
5	7.257	745	752	759	rBV	211685	367364	11.48%	1.532%
6	7.639	810	817	826	rVB	551675	966045	30.20%	4.029%
7	8.015	877	881	886	rVB	27186	40238	1.26%	0.168%
8	8.115	889	898	904	rVB	127522	219176	6.85%	0.914%
9	8.438	942	953	959	rBV	543969	967781	30.25%	4.036%
10	8.491	959	962	969	rVB	91167	134913	4.22%	0.563%
11	8.608	975	982	987	rBV2	50155	77076	2.41%	0.321%
12	8.761	1002	1008	1012	rBV2	42619	79635	2.49%	0.332%
13	8.808	1012	1016	1022	rVB4	38743	74478	2.33%	0.311%
14	9.225	1082	1087	1091	rBV2	109958	180701	5.65%	0.754%
15	9.284	1091	1097	1111	rVB2	475847	1056042	33.01%	4.404%
16	9.460	1119	1127	1137	rBV9	29333	83540	2.61%	0.348%
17	9.578	1142	1147	1159	rVB3	28694	64620	2.02%	0.269%
18	9.701	1159	1168	1172	rBV7	21875	51910	1.62%	0.216%
19	9.748	1172	1176	1182	rVB	94557	149952	4.69%	0.625%
20	9.848	1189	1193	1201	rVB4	19284	37620	1.18%	0.157%
21	9.924	1201	1206	1213	rBV6	15874	37557	1.17%	0.157%
22	10.012	1215	1221	1225	rVV2	22738	34168	1.07%	0.142%
23	10.118	1232	1239	1245	rBV4	53470	131641	4.12%	0.549%
24	10.324	1268	1274	1282	rVV2	174888	320764	10.03%	1.338%
25	10.512	1296	1306	1311	rBV10	27792	80901	2.53%	0.337%
26	10.624	1318	1325	1336	rBV3	43915	112873	3.53%	0.471%
27	10.782	1347	1352	1359	rBV9	23479	50481	1.58%	0.211%
28	10.929	1366	1377	1382	rBV2	204668	474173	14.82%	1.977%
29	10.976	1383	1385	1391	rVB4	48298	85349	2.67%	0.356%
30	11.041	1391	1396	1405	rVB2	81363	148936	4.66%	0.621%
31	11.141	1408	1413	1421	rBV	25433	48455	1.51%	0.202%
32	11.299	1435	1440	1445	rBV5	30416	59522	1.86%	0.248%
33	11.399	1453	1457	1465	rVB3	52357	103199	3.23%	0.430%
34	11.511	1466	1476	1481	rBV3	52282	122260	3.82%	0.510%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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	11.710	1504	1510	1513	rBV6	19257	36426	1.14%	0.152%
36	11.763	1514	1519	1526	rVV10	31307	89295	2.79%	0.372%
37	11.840	1526	1532	1538	rVB4	53327	112159	3.51%	0.468%
38	11.945	1546	1550	1553	rBV2	32268	48702	1.52%	0.203%
39	12.034	1560	1565	1572	rVB2	49396	89235	2.79%	0.372%
40	12.116	1574	1579	1585	rBV2	48871	83181	2.60%	0.347%
41	12.175	1585	1589	1593	rBV2	33219	48928	1.53%	0.204%
42	12.374	1619	1623	1627	rBV3	28291	46408	1.45%	0.194%
43	12.468	1634	1639	1644	rVB4	92123	150955	4.72%	0.630%
44	12.527	1644	1649	1664	rVB10	68958	233241	7.29%	0.973%
45	12.727	1678	1683	1687	rBV2	75140	103117	3.22%	0.430%
46	12.797	1688	1695	1700	rVV2	128372	269204	8.42%	1.123%
47	12.868	1704	1707	1711	rVB5	34713	53067	1.66%	0.221%
48	13.091	1741	1745	1750	rVB4	34138	55958	1.75%	0.233%
49	13.138	1750	1753	1757	rVB6	23993	33790	1.06%	0.141%
50	13.203	1760	1764	1766	rVV5	31346	53361	1.67%	0.223%
51	13.232	1766	1769	1773	rVV4	60329	95969	3.00%	0.400%
52	13.279	1773	1777	1783	rVB3	94322	151583	4.74%	0.632%
53	13.373	1786	1793	1797	rVV	1333596	2072070	64.77%	8.641%
54	13.420	1797	1801	1805	rVB	121599	178039	5.57%	0.742%
55	13.696	1842	1848	1852	rBV7	38593	77974	2.44%	0.325%
56	13.737	1852	1855	1858	rBV5	26802	40794	1.28%	0.170%
57	13.861	1873	1876	1879	rBV5	23331	35206	1.10%	0.147%
58	13.908	1880	1884	1889	rVV4	75560	145991	4.56%	0.609%
59	13.961	1889	1893	1898	rVV5	77819	133952	4.19%	0.559%
60	14.008	1898	1901	1902	rVV2	37712	46179	1.44%	0.193%
61	14.067	1903	1911	1916	rVV5	140884	391709	12.24%	1.634%
62	14.119	1916	1920	1929	rVB4	93366	187709	5.87%	0.783%
63	14.219	1934	1937	1940	rVB4	44388	53215	1.66%	0.222%
64	14.296	1948	1950	1954	rBV2	29410	36550	1.14%	0.152%
65	14.372	1959	1963	1970	rVB4	129345	235418	7.36%	0.982%
66	14.466	1970	1979	1986	rBV5	76140	226604	7.08%	0.945%
67	14.554	1989	1994	2004	rVB3	123552	238666	7.46%	0.995%
68	14.742	2019	2026	2033	rVB2	312144	588381	18.39%	2.454%
69	14.824	2036	2040	2044	rBV5	84809	128202	4.01%	0.535%
70	14.901	2049	2053	2066	rVB5	111672	303113	9.48%	1.264%
71	15.065	2077	2081	2086	rBV7	40793	91299	2.85%	0.381%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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	15.130	2088	2092	2101	rVB5	90336	209273	6.54%	0.873%
73	15.218	2101	2107	2110	rBV5	104561	201412	6.30%	0.840%
74	15.383	2127	2135	2141	rBV5	174518	418610	13.09%	1.746%
75	15.559	2161	2165	2168	rVV4	54897	71920	2.25%	0.300%
76	15.600	2168	2172	2178	rVB6	72535	109926	3.44%	0.458%
77	15.782	2198	2203	2208	rBV5	100507	175917	5.50%	0.734%
78	15.841	2209	2213	2218	rVB6	51752	91805	2.87%	0.383%
79	15.994	2235	2239	2245	rBV7	49692	102815	3.21%	0.429%
80	16.229	2273	2279	2284	rBV	1127442	1705639	53.32%	7.113%
81	16.464	2316	2319	2323	rBV6	64011	96895	3.03%	0.404%
82	16.658	2348	2352	2361	rVB5	86940	180629	5.65%	0.753%
83	16.834	2378	2382	2386	rVB2	81348	102023	3.19%	0.425%
84	17.269	2453	2456	2460	rBV4	44907	80981	2.53%	0.338%
85	17.357	2467	2471	2476	rBV2	65502	105667	3.30%	0.441%
86	17.486	2486	2493	2501	rBV	425364	667070	20.85%	2.782%
87	17.756	2536	2539	2548	rVB6	72879	118962	3.72%	0.496%
88	17.956	2570	2573	2578	rVB3	46213	58093	1.82%	0.242%
89	18.367	2639	2643	2646	rBV	104543	134256	4.20%	0.560%
90	19.631	2854	2858	2864	rBV	93666	119839	3.75%	0.500%
91	20.089	2930	2936	2941	rBV	2503468	3198983	100.00%	13.341%
92	20.770	3048	3052	3058	rVB	53939	75896	2.37%	0.317%
93	20.982	3084	3088	3093	rBV	32362	49895	1.56%	0.208%
94	21.035	3093	3097	3100	rVB	55396	74770	2.34%	0.312%
95	21.099	3105	3108	3113	rVB3	30759	40504	1.27%	0.169%
96	21.387	3154	3157	3167	rVB4	35660	49947	1.56%	0.208%
97	21.540	3179	3183	3188	rVB	46943	60309	1.89%	0.252%
98	21.758	3213	3220	3228	rVB	480651	826785	25.85%	3.448%
99	22.092	3273	3277	3284	rVB2	21233	37046	1.16%	0.154%
100	25.030	3768	3777	3791	rVB	264847	752074	23.51%	3.136%

Sum of corrected areas: 23978816

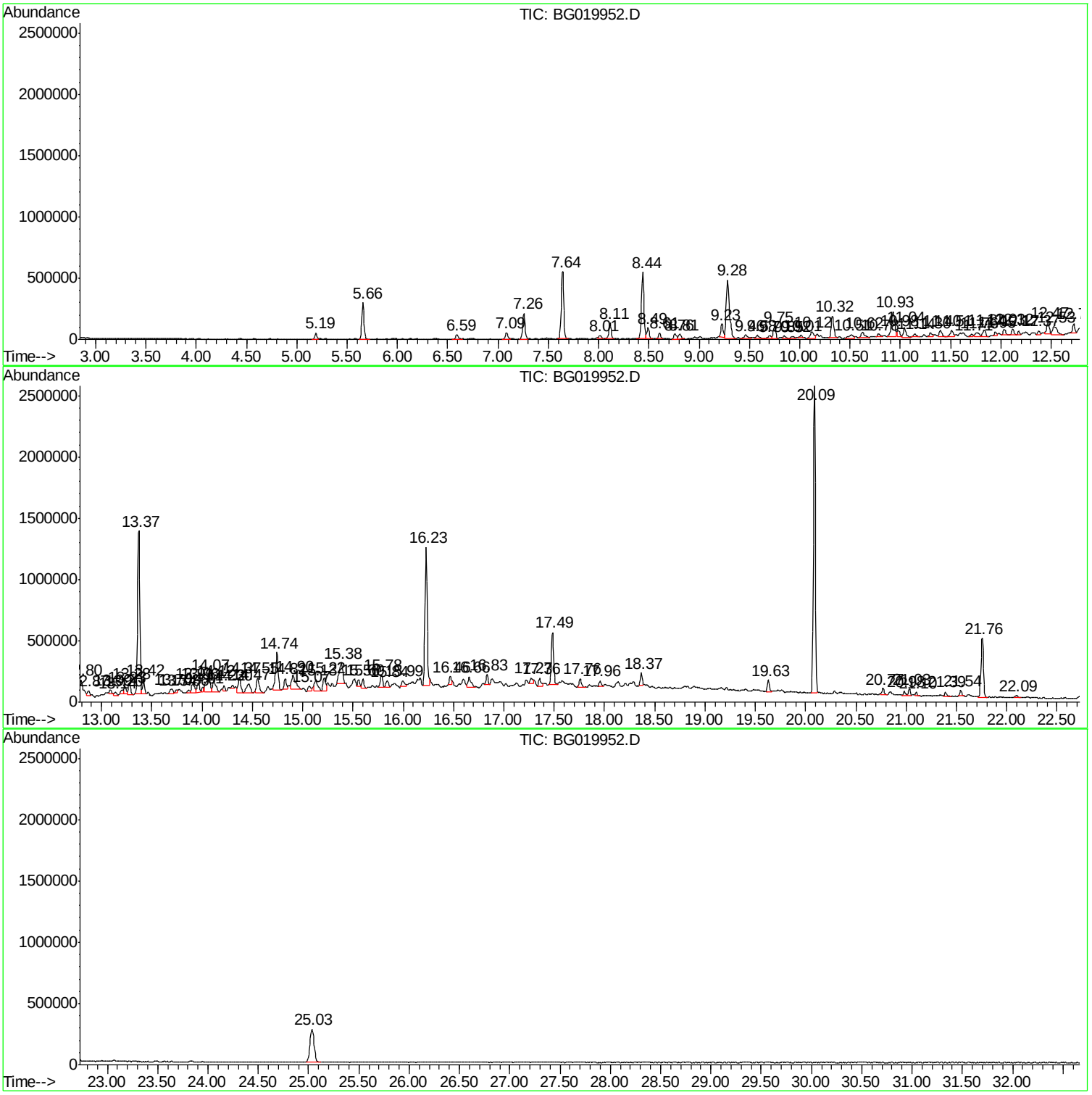
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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 : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
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Instrument : BNA_G
ClientSampleId : MW-18

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

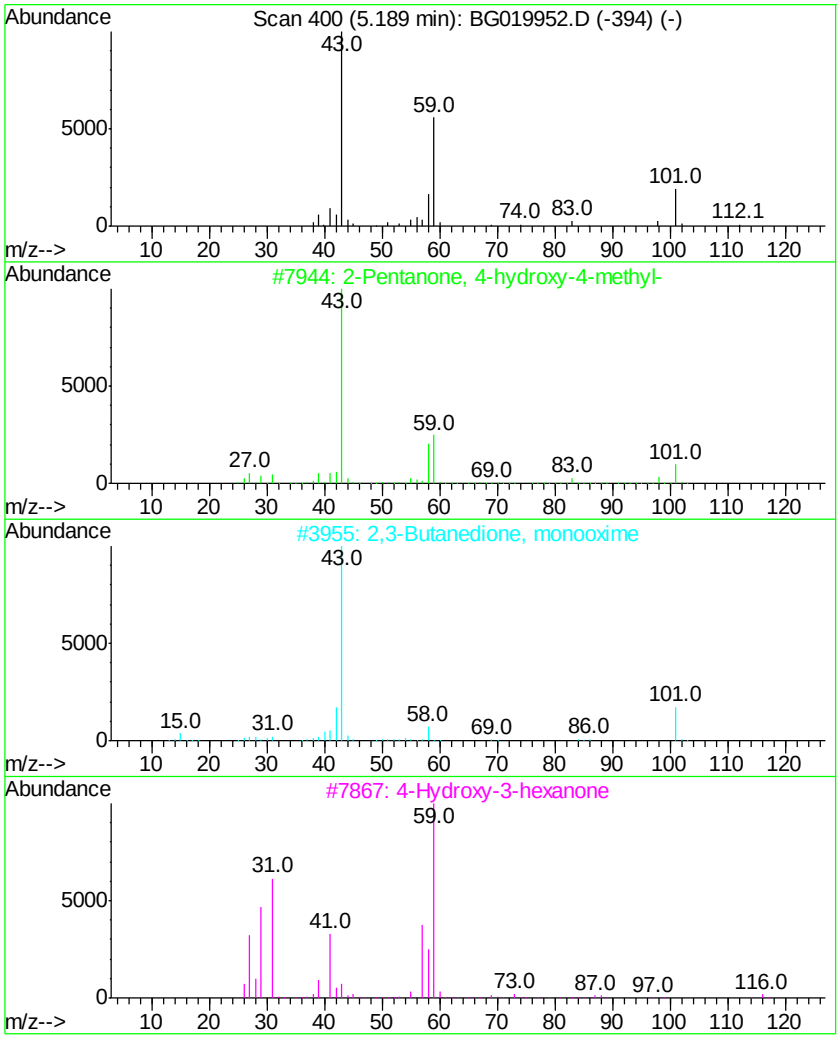
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

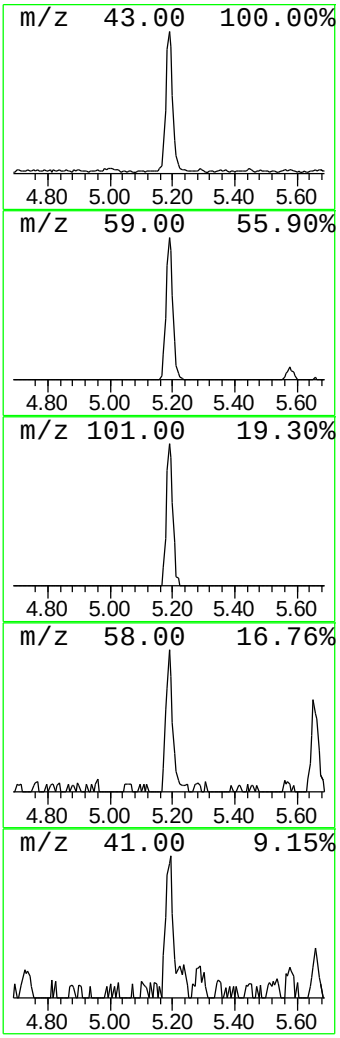
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.11 ng	77868	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

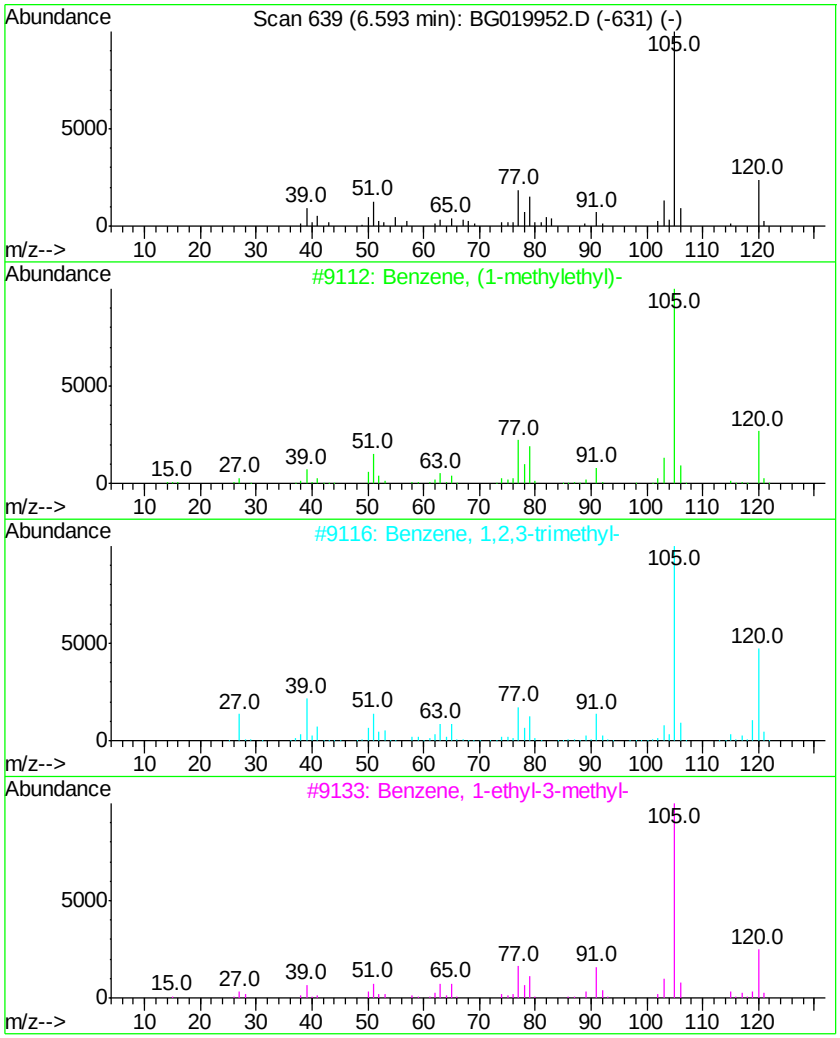
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

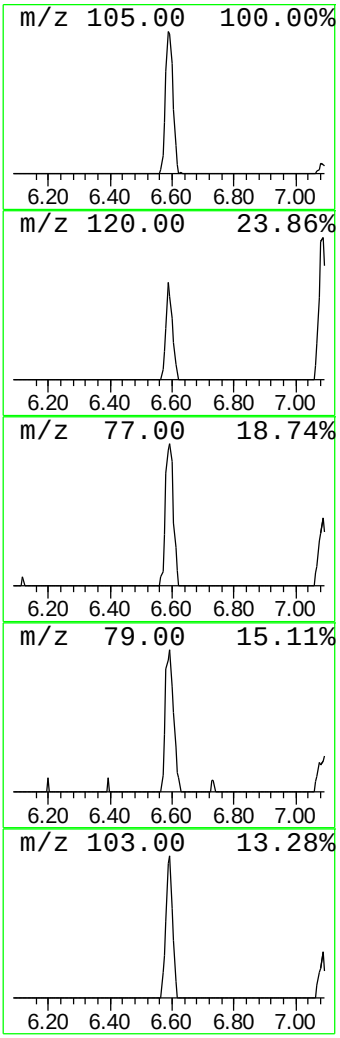
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	6.89 ng	75505	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

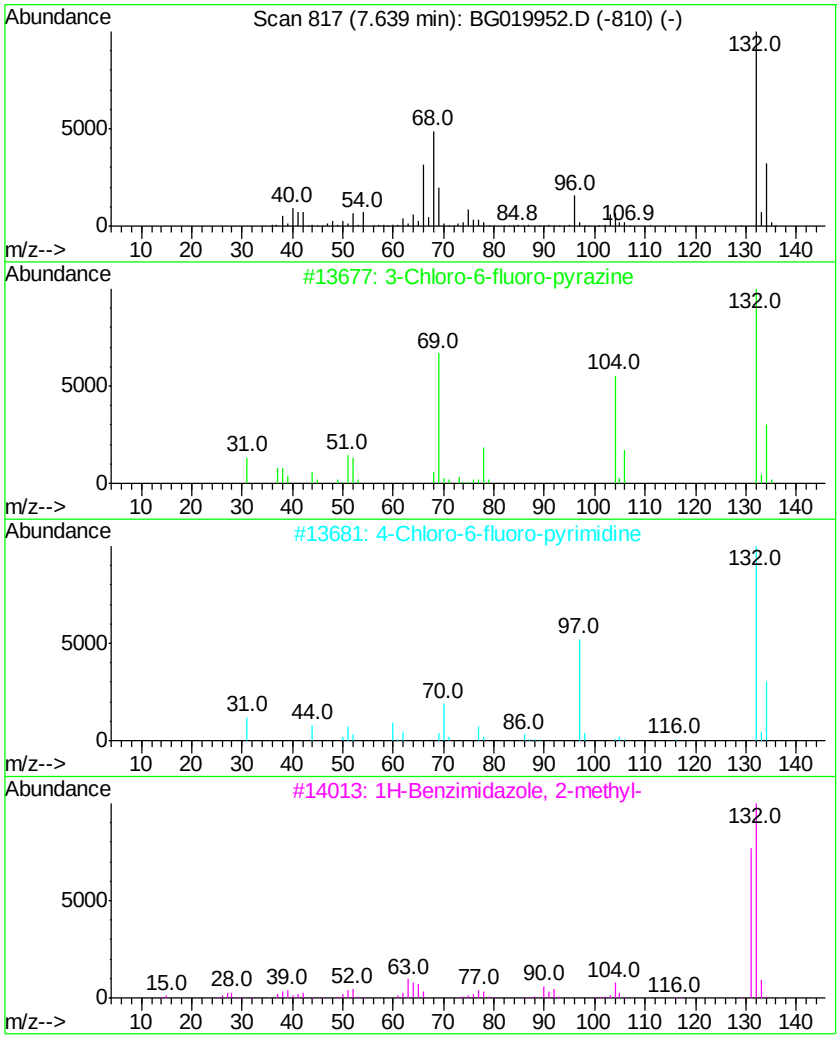
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

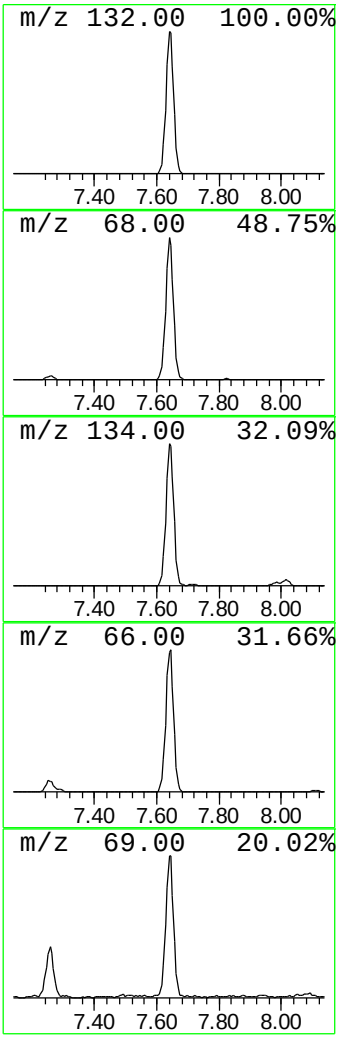
****

Peak Number 4 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	88.15 ng	966045	1,4-Dichlorobenzene-d4	8.11

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	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

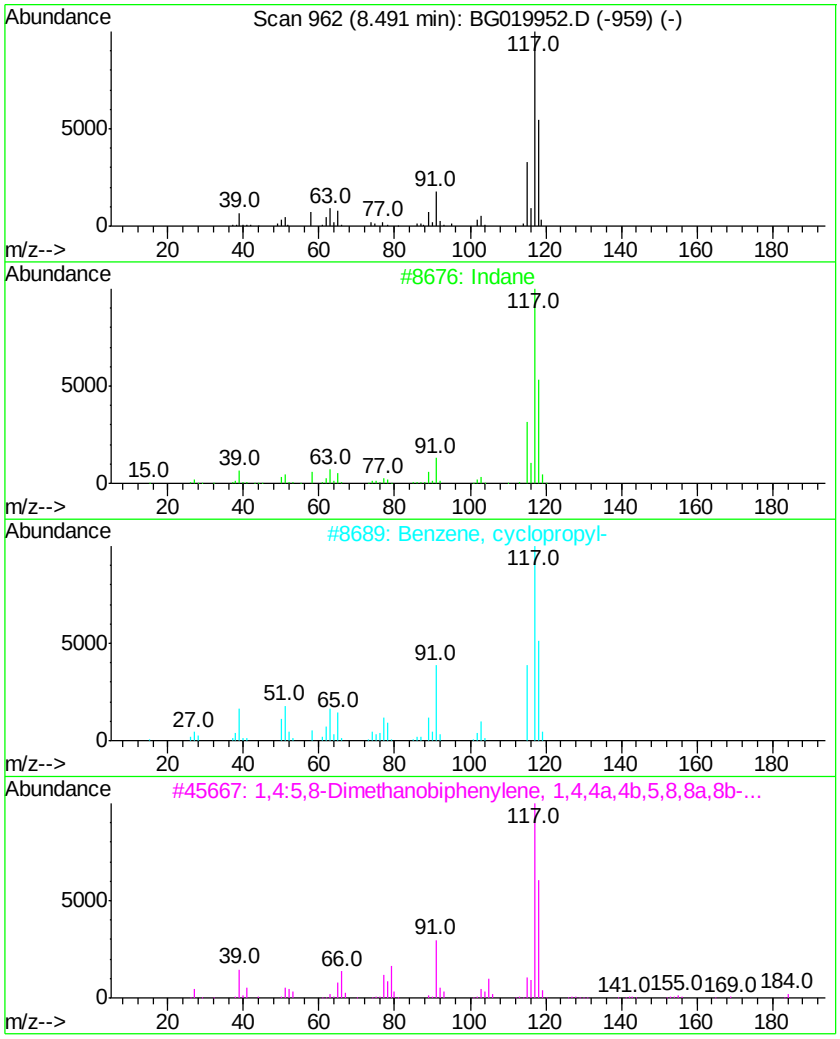
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

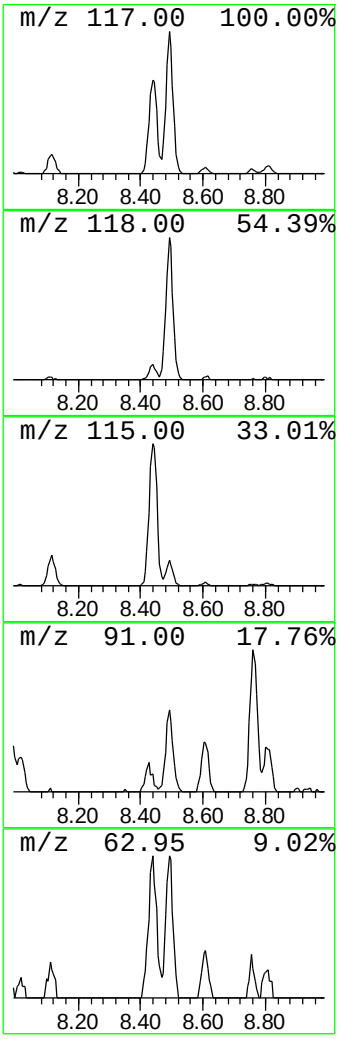
****

Peak Number 6 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	12.31 ng	134913	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Deltacyclene	118	C9H10	007785-10-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

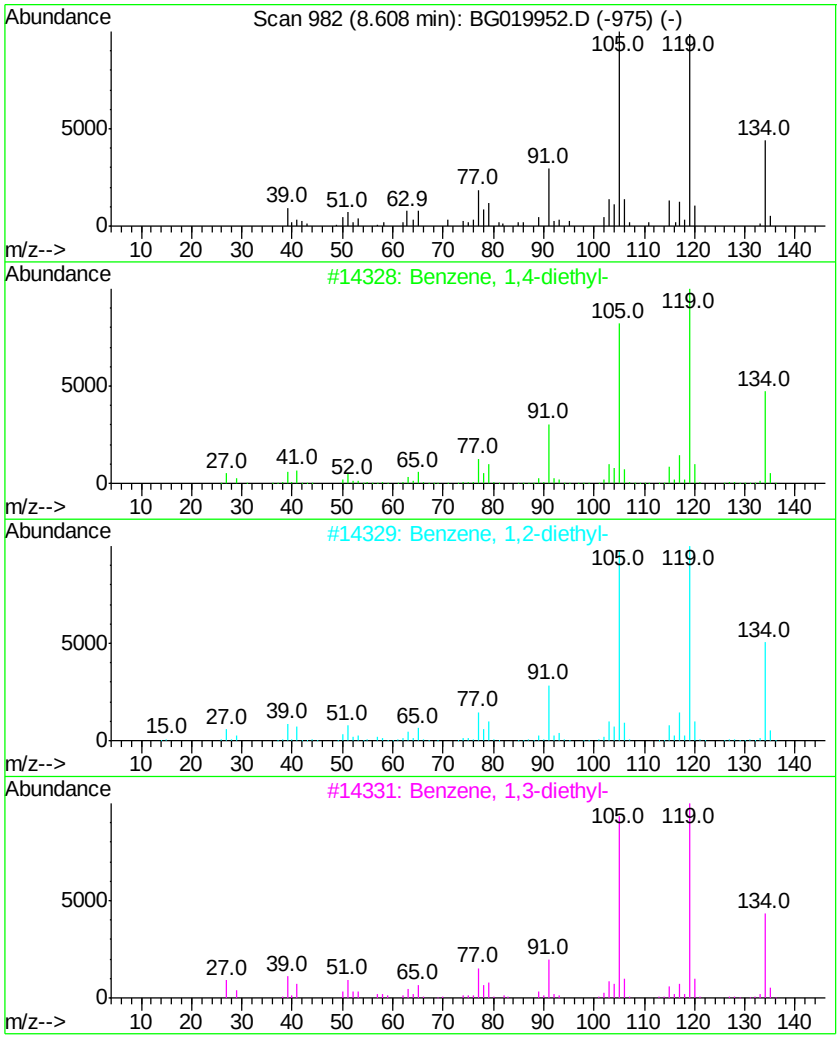
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

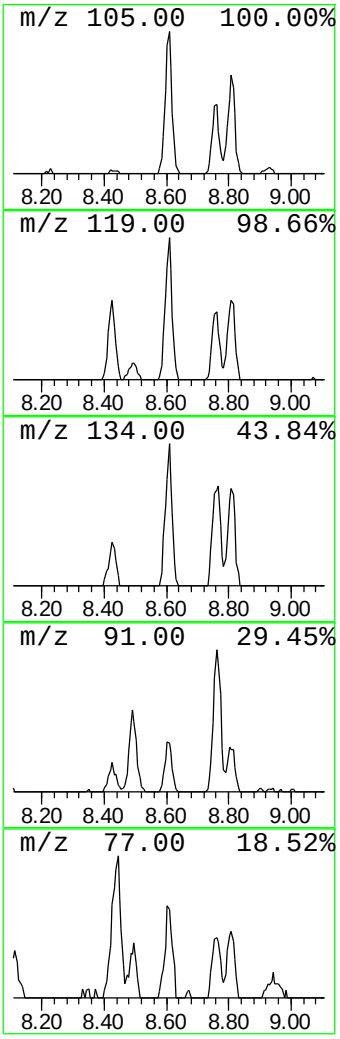
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	7.03 ng	77076	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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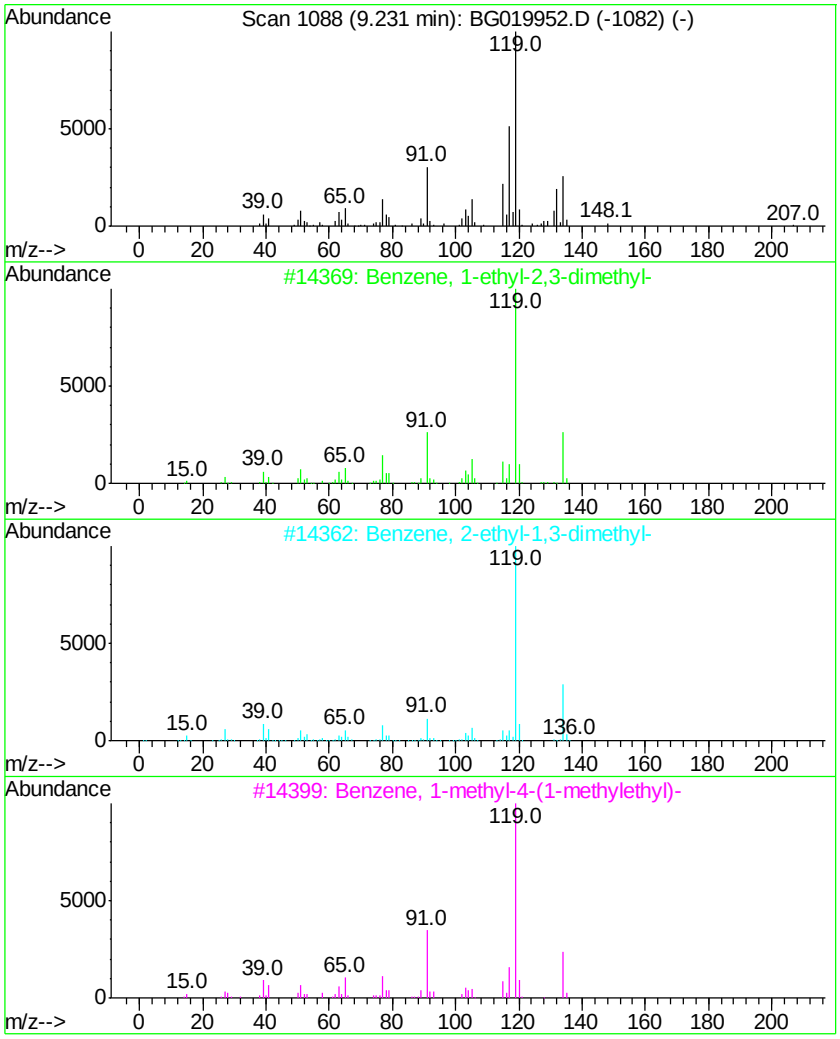
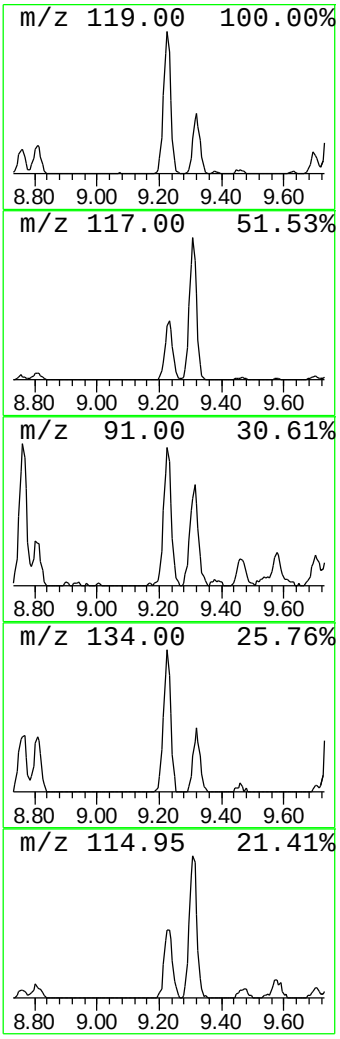
Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	16.49 ng	180701	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

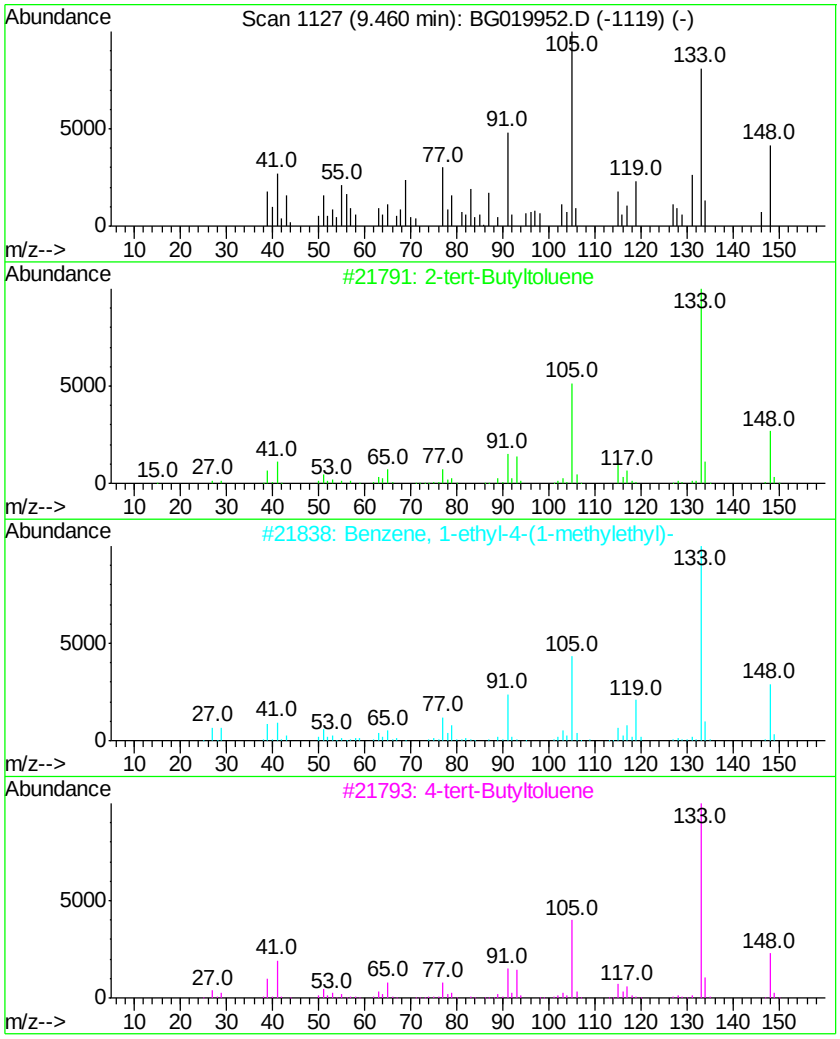
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

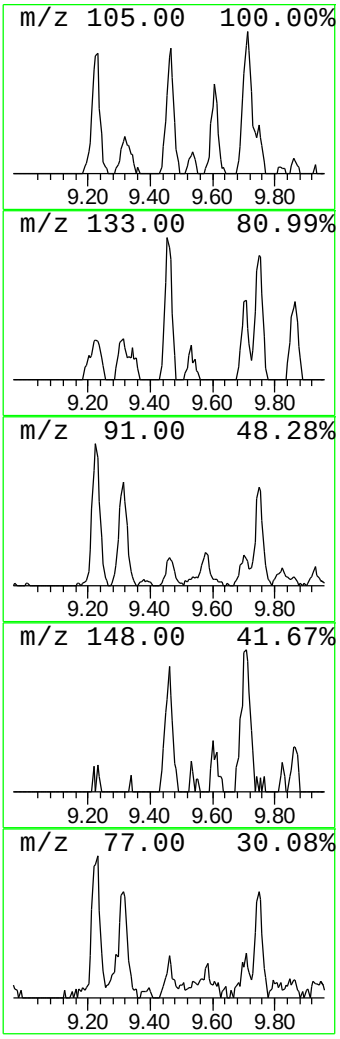
****

Peak Number 10 2-tert-Butyltoluene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.62 ng	83540	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-tert-Butyltoluene	148	C11H16	001074-92-6	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	47
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	43
5	2-Nitrophenyl-.beta.-phenylpropi...	271	C15H13NO4	040123-51-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

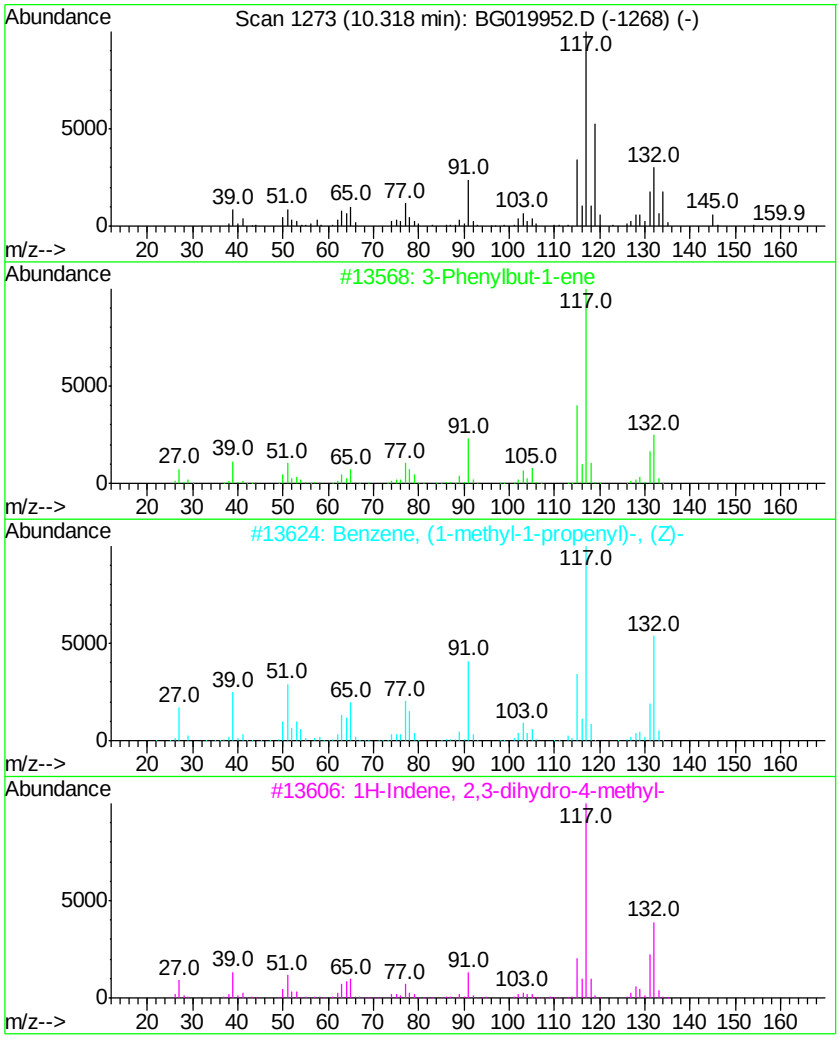
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

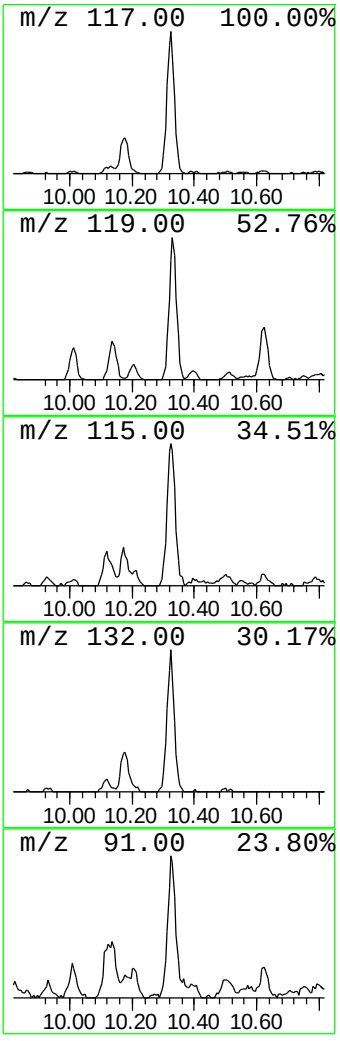
****

Peak Number 11 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	13.53 ng	320764	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	62





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Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

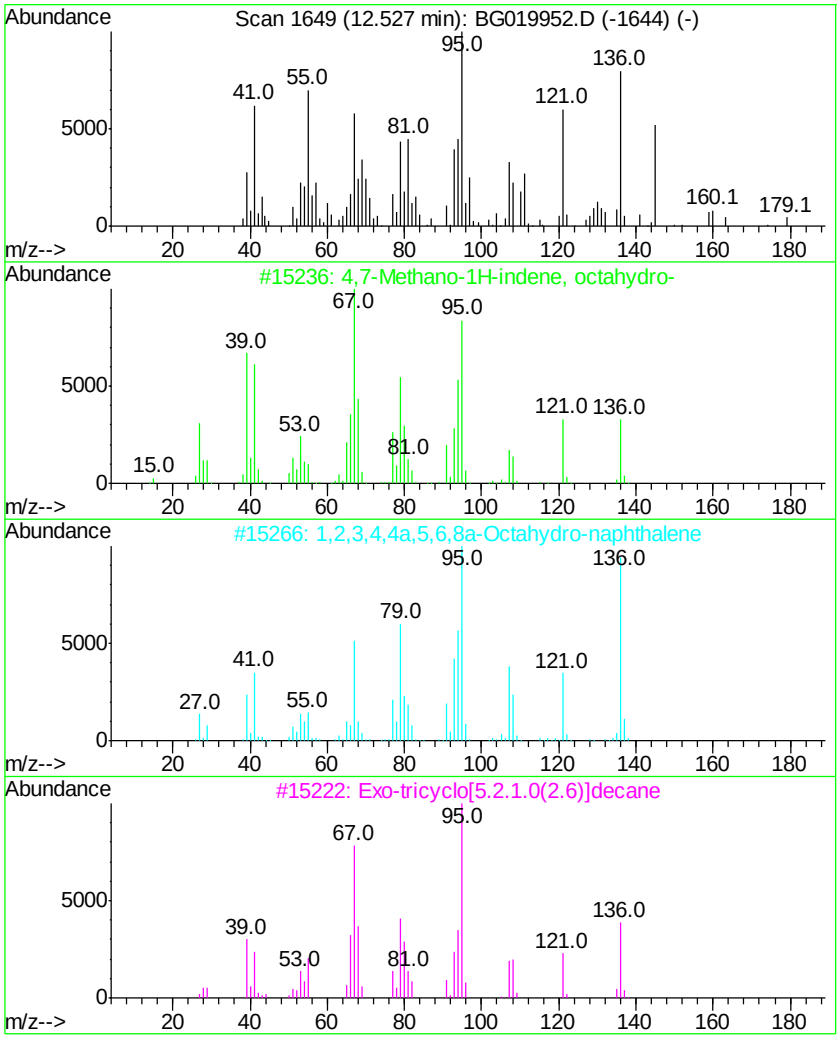
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

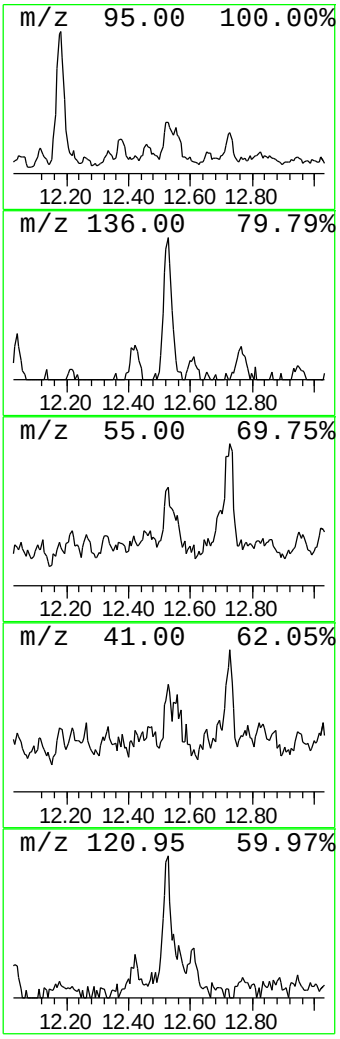
****

Peak Number 12 4,7-Methano-1H-indene, octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.84 ng	233241	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	86
3	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	64
4	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	64
5	Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
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Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

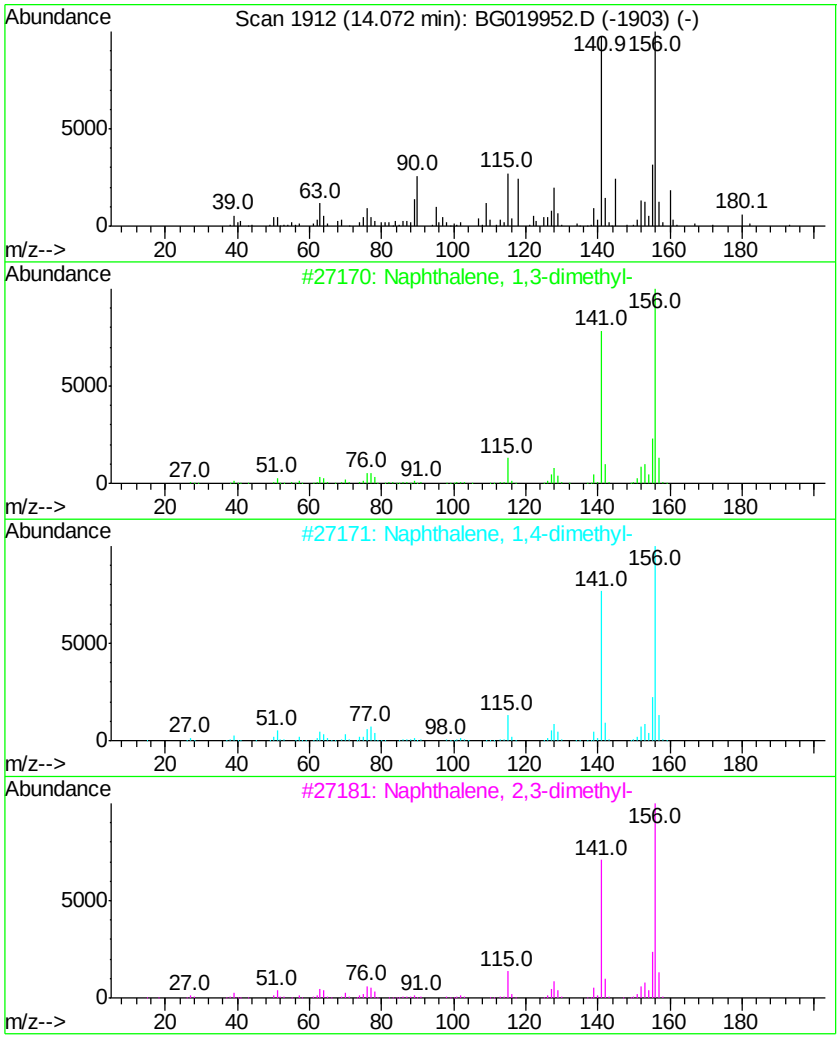
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

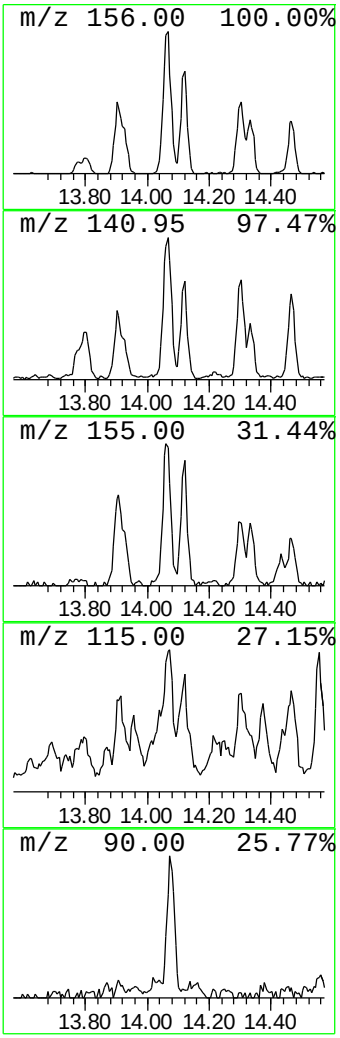
****

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	13.31 ng	391709	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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

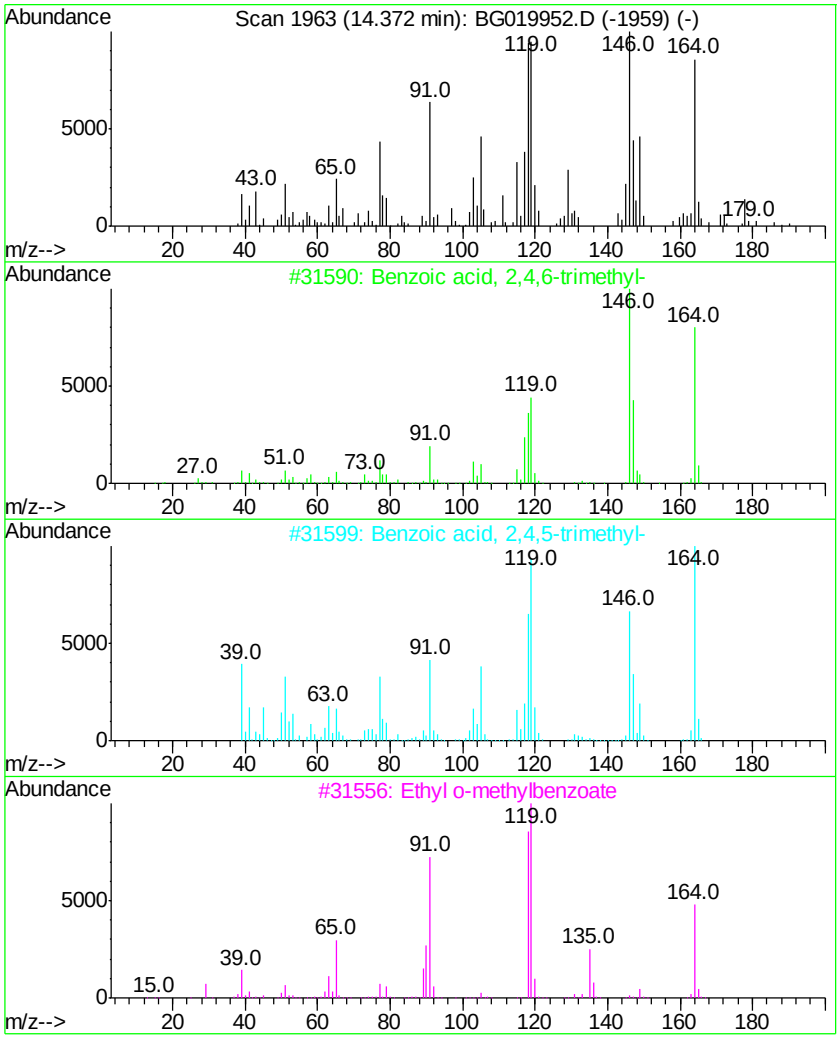
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

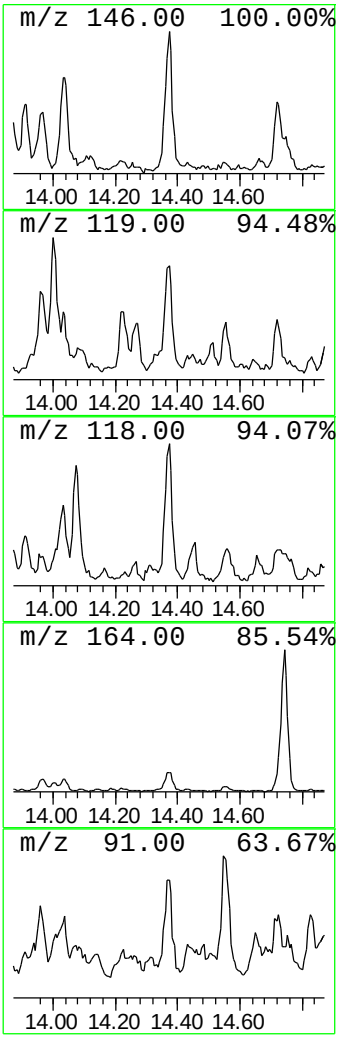
****

Peak Number 15 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	8.00 ng	235418	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	70
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	62
3	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	45
4	2-Propenoic acid, 3-(3-hydroxyph...	164	C9H8O3	000588-30-7	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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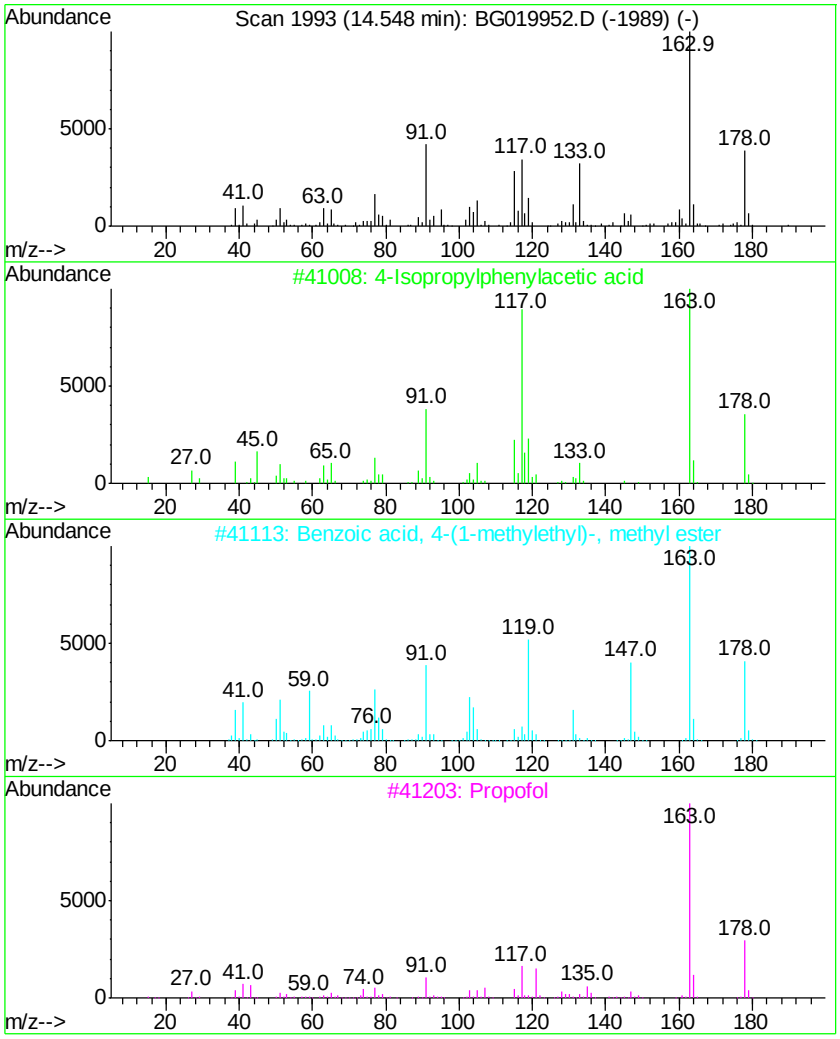
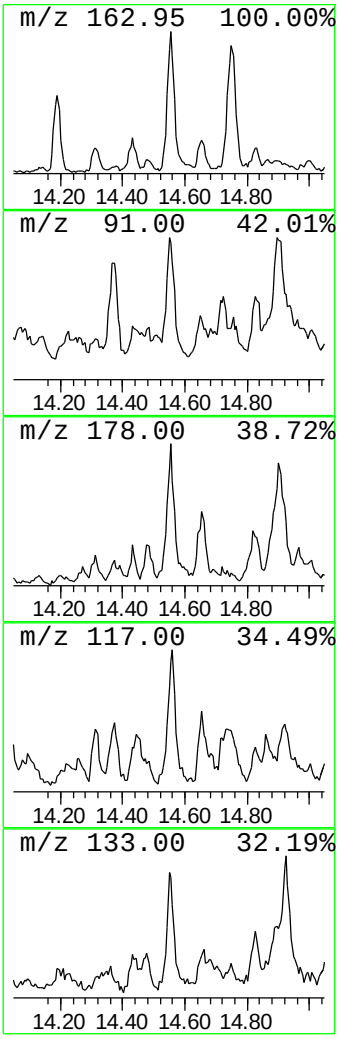
Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	8.11 ng	238666	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	64
2	Benzoic acid, 4-(1-methylethyl)-...	178	C11H14O2	020185-55-1	53
3	Propofol	178	C12H18O	002078-54-8	52
4	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	46
5	p-Allylnitrobenzene	163	C9H9NO2	053483-17-3	46





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Data File : BG019952.D
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Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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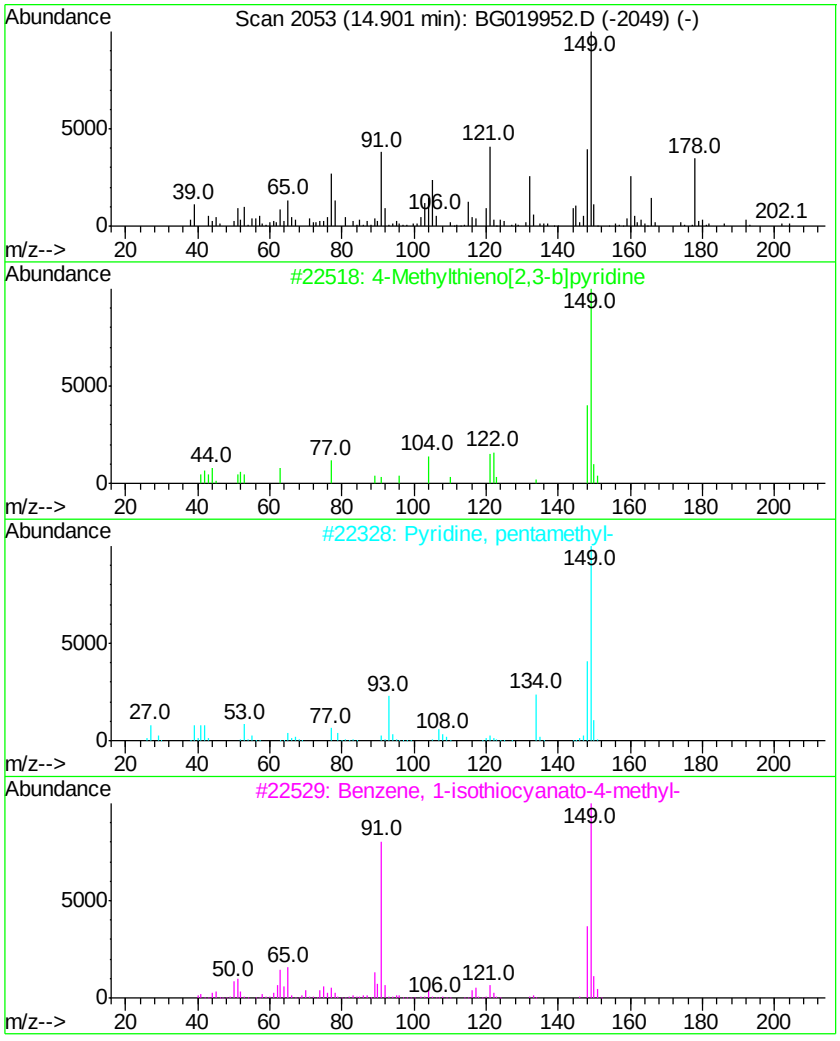
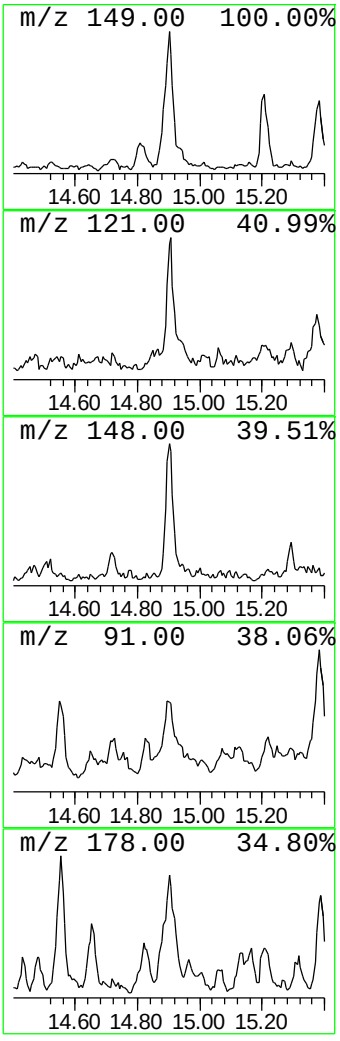
Peak Number 18 unknown14.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	10.30 ng	303113	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	47
2	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	46
3	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	46
4	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	43
5	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	38





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Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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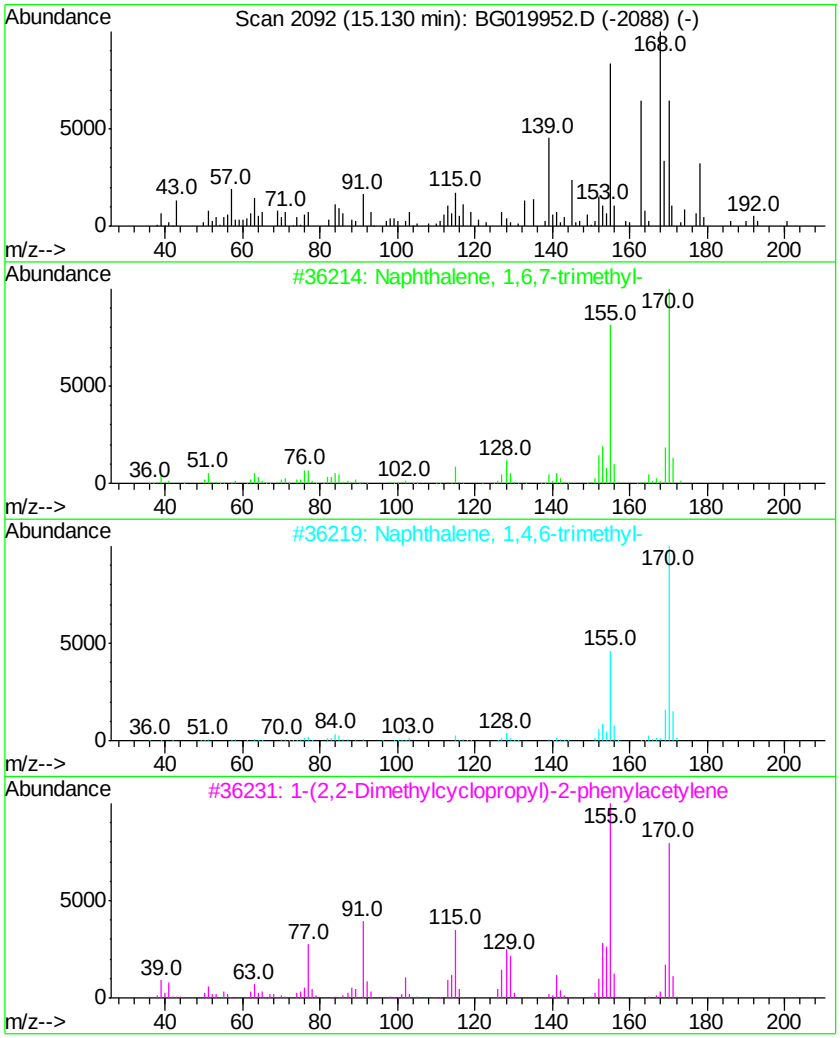
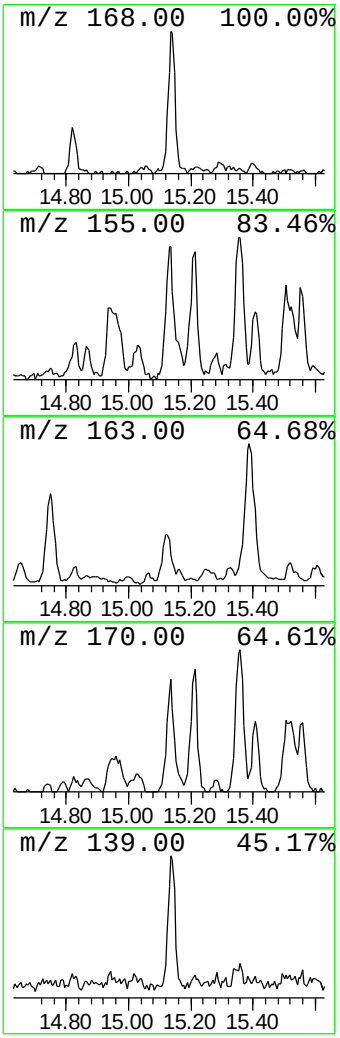
Peak Number 19 unknown15.13 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	7.11 ng	209273	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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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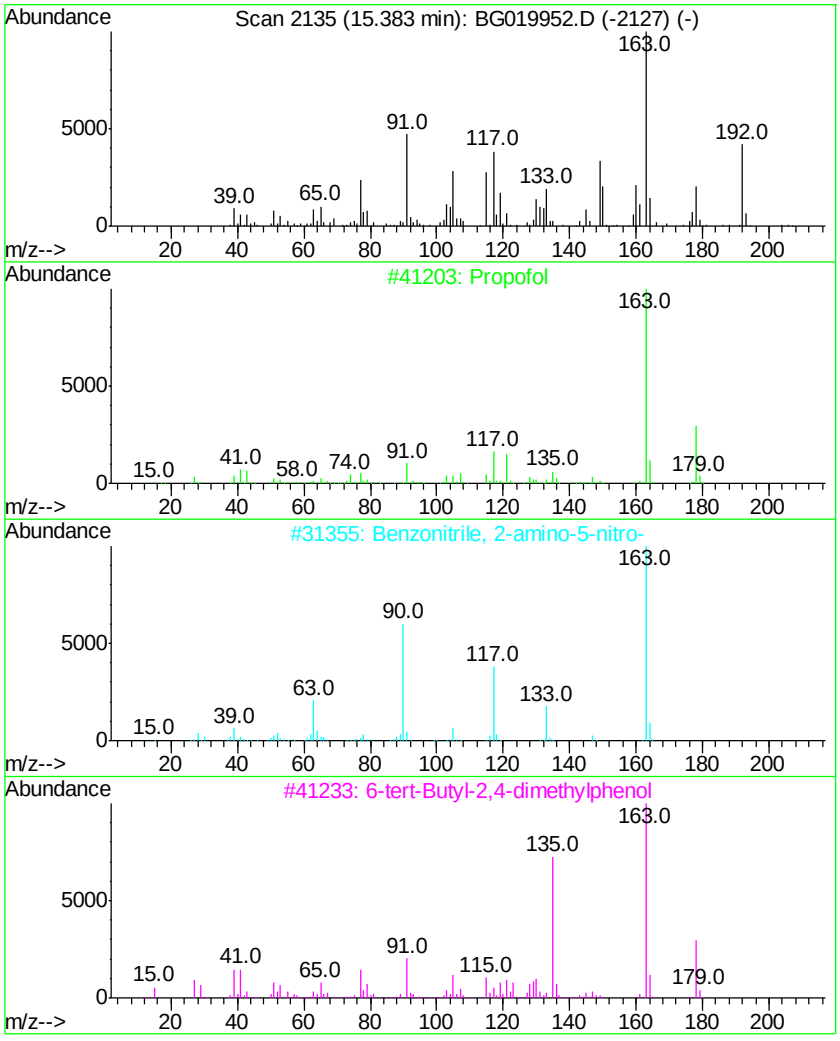
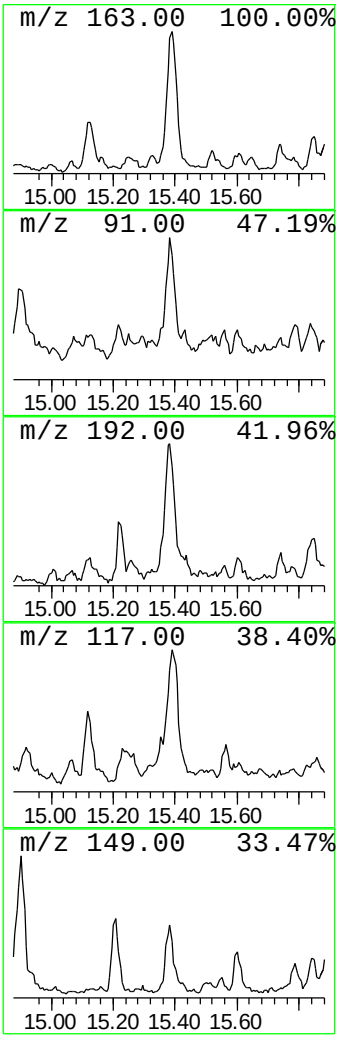
Peak Number 20 unknown15.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	14.23 ng	418610	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	38
2	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	38
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	30
4	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	30
5	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

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
2-Pentanone, 4-hy...	5.19	7.1	ng	77868	1	8.11	219176	20.0
Benzene, (1-methy...	6.59	6.9	ng	75505	1	8.11	219176	20.0
unknown7.64	7.64	88.2	ng	966045	1	8.11	219176	20.0
Indane	8.49	12.3	ng	134913	1	8.11	219176	20.0
Benzene, 1,4-diet...	8.61	7.0	ng	77076	1	8.11	219176	20.0
Benzene, 1-ethyl-...	9.23	16.5	ng	180701	1	8.11	219176	20.0
2-tert-Butyltoluene	9.46	7.6	ng	83540	1	8.11	219176	20.0
3-Phenylbut-1-ene	10.32	13.5	ng	320764	2	10.93	474173	20.0
4,7-Methano-1H-in...	12.53	9.8	ng	233241	2	10.93	474173	20.0
Naphthalene, 1,3-...	14.07	13.3	ng	391709	3	14.74	588381	20.0
Benzoic acid, 2,4...	14.37	8.0	ng	235418	3	14.74	588381	20.0
4-Isopropylphenyl...	14.55	8.1	ng	238666	3	14.74	588381	20.0
unknown14.90	14.90	10.3	ng	303113	3	14.74	588381	20.0
unknown15.13	15.13	7.1	ng	209273	3	14.74	588381	20.0
unknown15.38	15.38	14.2	ng	418610	3	14.74	588381	20.0