LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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	5.567	381	388	393	rBV	397898	625205	22.42%	1.435%
2	5.626	393	398	407	rVV	348270	611818	21.94%	1.405%
3	6.066	466	473	480	rBV2	51025	81876	2.94%	0.188%
4	6.542	548	554	562	rBV	80141	135056	4.84%	0.310%
5	7.212	661	668	677	rBV	245901	451563	16.19%	1.037%
6	7.582	725	731	740	rVB	661762	1165123	41.78%	2.675%
7	7.699	744	751	758	rVV	82406	133453	4.79%	0.306%
8	8.052	804	811	818	rBV	171825	293257	10.52%	0.673%
9	8.375	858	866	870	rBV	586577	1029355	36.91%	2.363%
10	8.428	870	875	882	rVB	850053	1405967	50.41%	3.228%
11	8.592	896	903	909	rVB	187137	325847	11.68%	0.748%
12	9.033	971	978	985	rVB	86751	156434	5.61%	0.359%
13	9.156	989	999	1002	rBV4	39649	111776	4.01%	0.257%
14	9.215	1002	1009	1018	rVB	526870	1039292	37.27%	2.386%
15	9.409	1035	1042	1048	rBV	305961	509285	18.26%	1.169%
16	9.468	1048	1052	1056	rVV2	115166	199798	7.16%	0.459%
17	9.526	1056	1062	1069	rVV	397140	920391	33.00%	2.113%
18	9.591	1069	1073	1080	rVB	68013	116882	4.19%	0.268%
19	10.020	1140	1146	1156	rBV	180062	406385	14.57%	0.933%
20	10.261	1174	1187	1193	rBV7	81697	205569	7.37%	0.472%
21	10.325	1193	1198	1213	rVB	216311	425351	15.25%	0.977%
22	10.484	1215	1225	1232	rBV6	54192	145637	5.22%	0.334%
23	10.854	1282	1288	1292	rBV	206867	402831	14.44%	0.925%
24	10.907	1292	1297	1307	rVV	1113334	2017192	72.33%	4.631%
25	10.995	1307	1312	1314	rVV	209692	356023	12.77%	0.817%
26	11.024	1314	1317	1325	rVB	335096	588773	21.11%	1.352%
27	11.212	1343	1349	1353	rBV4	43494	79855	2.86%	0.183%
28	11.436	1382	1387	1396	rVB	149197	278650	9.99%	0.640%
29	11.676	1422	1428	1433	rBV	211521	341219	12.24%	0.783%
30	11.735	1433	1438	1448	rVB8	55326	139931	5.02%	0.321%
31	11.870	1452	1461	1465	rBV3	95948	195410	7.01%	0.449%
32	11.923	1465	1470	1473	rVV	144590	259830	9.32%	0.597%
33	11.958	1473	1476	1483	rVV2	156615	269940	9.68%	0.620%
34	12.188	1507	1515	1519	rBV3	53192	108533	3.89%	0.249%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
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Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.246	1519	1525	1530	rVB4	72783	143020	5.13%	0.328%
36	12.399	1546	1551	1555	rVV2	68535	125650	4.51%	0.288%
37	12.434	1555	1557	1563	rVB2	77896	104878	3.76%	0.241%
38	12.722	1596	1606	1614	rVB	549611	1028482	36.88%	2.361%
39	12.822	1617	1623	1627	rBV	117842	178548	6.40%	0.410%
40	12.869	1627	1631	1636	rVV3	56952	89005	3.19%	0.204%
41	13.010	1651	1655	1662	rVV3	62746	119580	4.29%	0.275%
42	13.086	1663	1668	1675	rVV3	121344	224117	8.04%	0.515%
43	13.157	1675	1680	1681	rVV2	55841	78981	2.83%	0.181%
44	13.186	1681	1685	1693	rVB4	105694	211538	7.59%	0.486%
45	13.298	1693	1704	1713	rBV	1433002	2279759	81.75%	5.234%
46	13.468	1727	1733	1737	rVV2	122091	289938	10.40%	0.666%
47	13.515	1738	1741	1754	rVB7	130056	383806	13.76%	0.881%
48	13.732	1769	1778	1785	rBV4	276206	559086	20.05%	1.284%
49	13.803	1785	1790	1796	rBV3	192994	402866	14.45%	0.925%
50	13.862	1796	1800	1804	rVV4	113490	185539	6.65%	0.426%
51	13.915	1804	1809	1818	rVB3	549199	1016138	36.44%	2.333%
52	13.997	1818	1823	1828	rBV3	149307	302675	10.85%	0.695%
53	14.120	1839	1844	1847	rBV2	123006	174845	6.27%	0.401%
54	14.155	1847	1850	1856	rVV	114194	185518	6.65%	0.426%
55	14.226	1858	1862	1865	rVV2	86767	141668	5.08%	0.325%
56	14.261	1865	1868	1873	rVV4	60955	111784	4.01%	0.257%
57	14.385	1884	1889	1899	rVB5	140668	319341	11.45%	0.733%
58	14.672	1931	1938	1944	rVB2	368106	632727	22.69%	1.453%
59	14.737	1944	1949	1954	rVB	406767	616432	22.10%	1.415%
60	14.802	1954	1960	1964	rBV	217799	382757	13.72%	0.879%
61	14.943	1978	1984	1992	rBV6	62406	191565	6.87%	0.440%
62	15.072	2000	2006	2011	rVB	223278	368758	13.22%	0.847%
63	15.295	2039	2044	2053	rBV10	105554	302445	10.84%	0.694%
64	15.454	2066	2071	2074	rBV7	45441	91374	3.28%	0.210%
65	15.536	2081	2085	2091	rVB2	125460	246725	8.85%	0.566%
66	15.718	2110	2116	2123	rVB2	261225	496237	17.79%	1.139%
67	15.783	2123	2127	2132	rBV6	68111	131094	4.70%	0.301%
68	15.865	2132	2141	2146	rVV2	200923	587528	21.07%	1.349%
69	15.941	2146	2154	2162	rVV5	141378	474347	17.01%	1.089%
70	16.012	2162	2166	2175	rVV9	57858	132730	4.76%	0.305%
71	16.094	2175	2180	2184	rVV2	215663	386571	13.86%	0.887%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.159	2184	2191	2201	rVB	1356883	2365946	84.84%	5.432%
73	16.394	2224	2231	2237	rVV5	211865	535703	19.21%	1.230%
74	16.587	2260	2264	2270	rBV5	52418	107490	3.85%	0.247%
75	16.670	2270	2278	2282	rVV2	386095	752745	26.99%	1.728%
76	16.717	2282	2286	2290	rVV2	185840	270168	9.69%	0.620%
77	16.770	2292	2295	2309	rVB2	94596	224838	8.06%	0.516%
78	16.887	2310	2315	2319	rBV4	70098	151440	5.43%	0.348%
79	16.934	2320	2323	2329	rVV5	82904	150587	5.40%	0.346%
80	16.987	2329	2332	2338	rVB4	98213	151798	5.44%	0.348%
81	17.140	2355	2358	2363	rBV5	57454	107085	3.84%	0.246%
82	17.269	2372	2380	2383	rBV2	184984	367998	13.20%	0.845%
83	17.304	2384	2386	2389	rVV2	82888	116074	4.16%	0.266%
84	17.333	2389	2391	2393	rVV3	84211	92387	3.31%	0.212%
85	17.369	2393	2397	2401	rVV	360623	512631	18.38%	1.177%
86	17.416	2401	2405	2409	rVV	538006	803478	28.81%	1.845%
87	17.457	2409	2412	2417	rVV	235089	342753	12.29%	0.787%
88	17.527	2420	2424	2433	rVB5	125544	331427	11.88%	0.761%
89	17.780	2461	2467	2469	rBV4	117238	229321	8.22%	0.526%
90	17.815	2469	2473	2479	rVB	417699	654200	23.46%	1.502%
91	18.080	2515	2518	2523	rVB5	99841	147648	5.29%	0.339%
92	18.309	2554	2557	2565	rVB2	260376	412138	14.78%	0.946%
93	18.409	2571	2574	2579	rVB	84727	125686	4.51%	0.289%
94	18.667	2614	2618	2624	rVB4	158921	258030	9.25%	0.592%
95	20.024	2843	2849	2855	rBV	2149283	2788806	100.00%	6.403%
96	20.911	2995	3000	3005	rBV	131212	206894	7.42%	0.475%
97	20.999	3011	3015	3020	rVB	90937	122072	4.38%	0.280%
98	21.328	3068	3071	3079	rVB7	54237	91203	3.27%	0.209%
99	21.681	3125	3131	3138	rBV	603410	973360	34.90%	2.235%
100	24.900	3670	3679	3689	rVB	331490	932399	33.43%	2.141%

Sum of corrected areas: 43557864

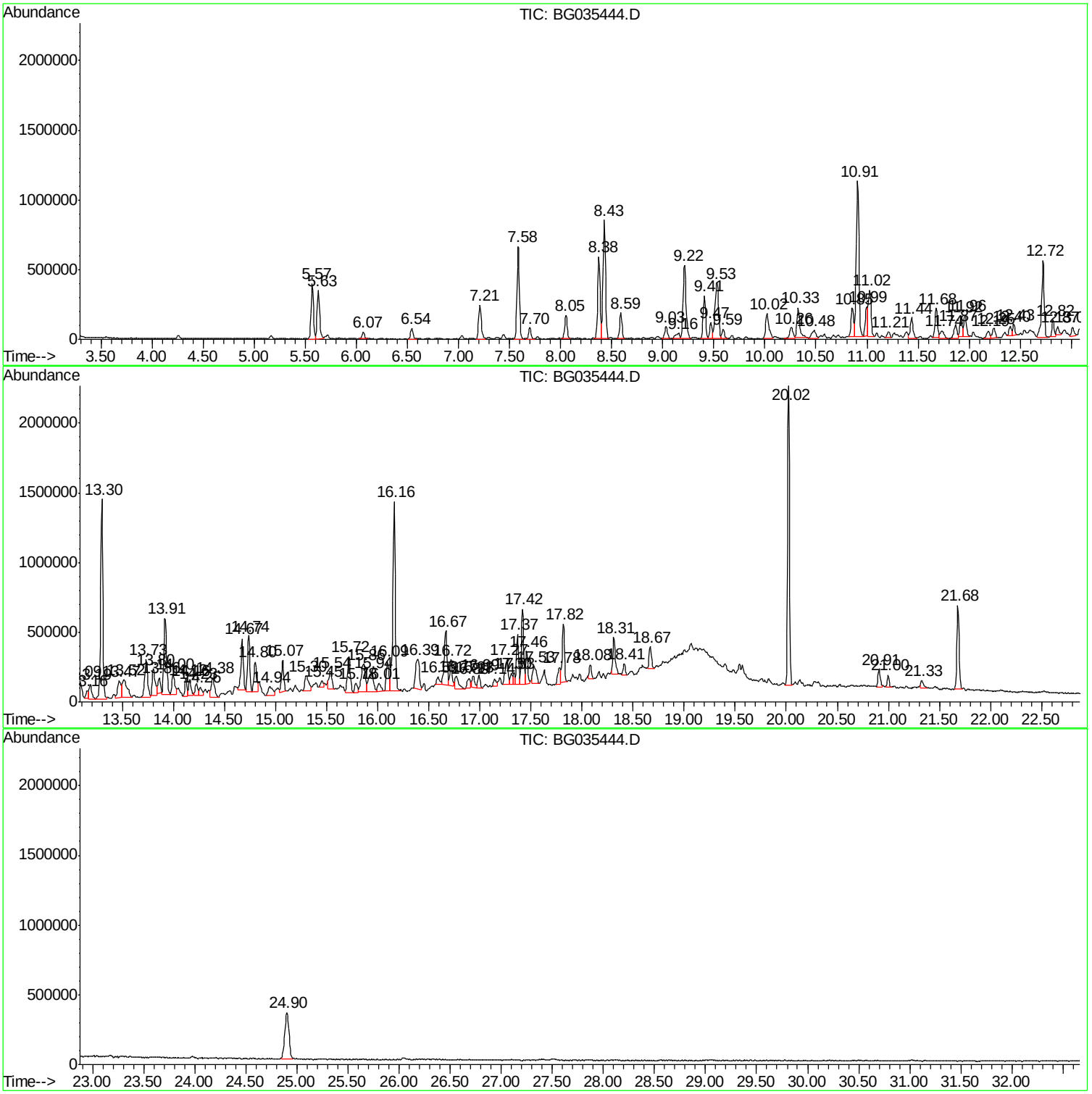
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
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Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

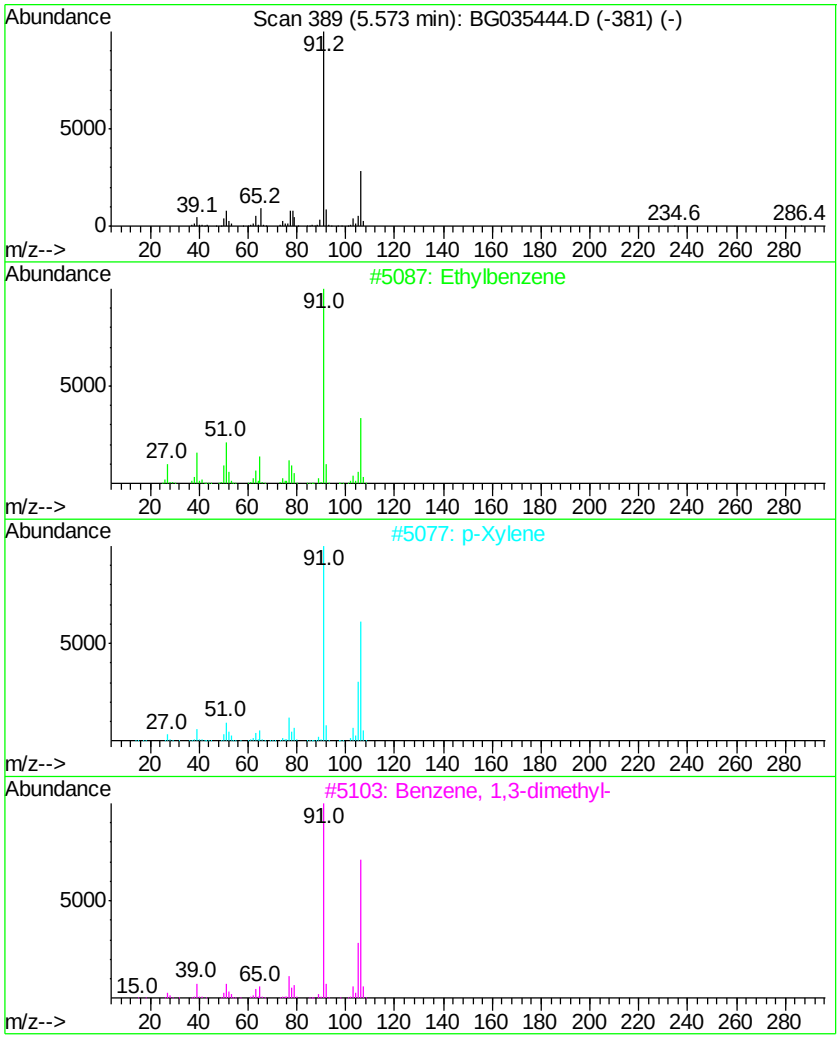
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

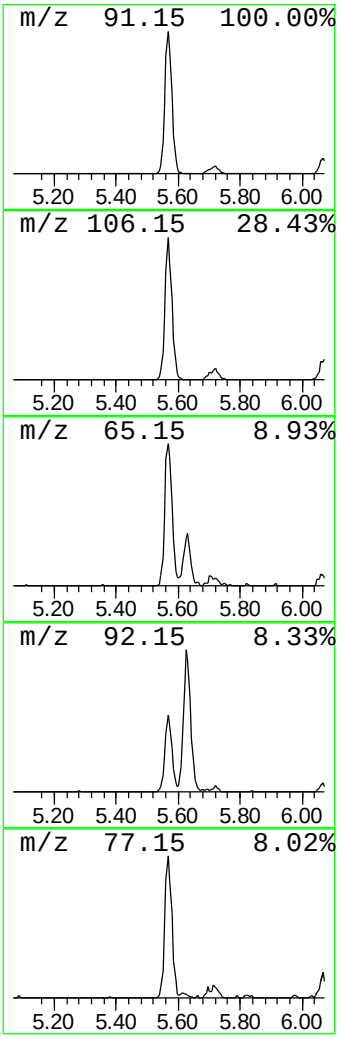
****

Peak Number 1 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	42.64 ng	625205	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	p-Xylene	106	C8H10	000106-42-3	83
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	72
4	o-Xylene	106	C8H10	000095-47-6	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

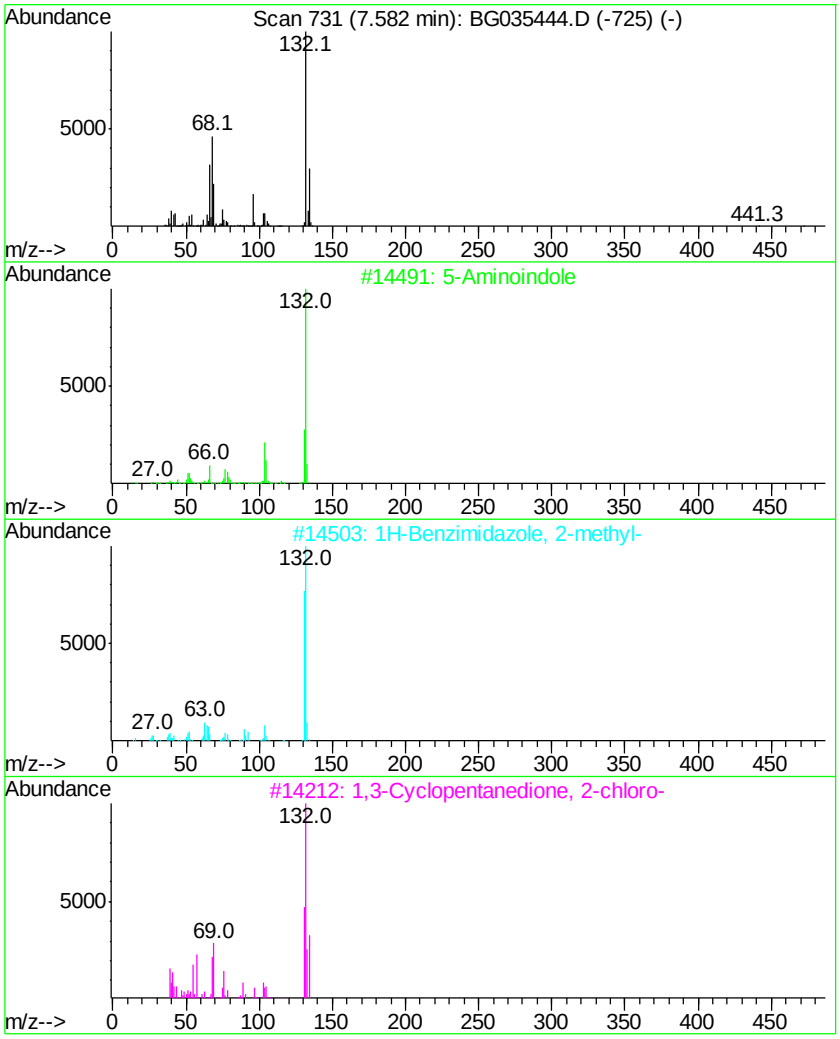
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

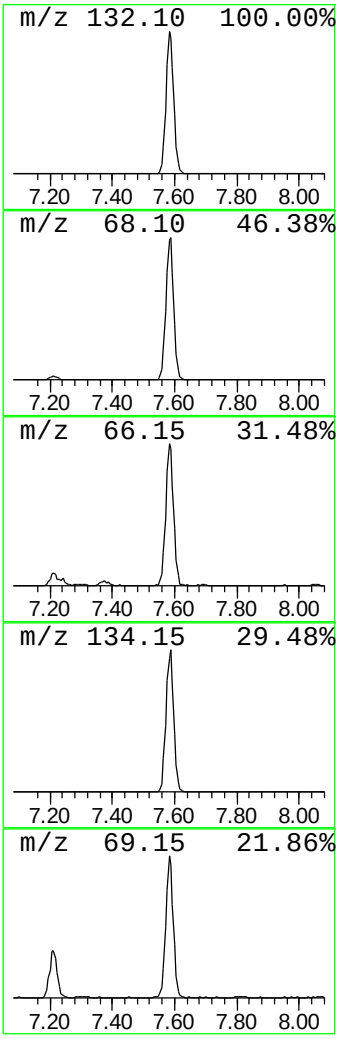
****

Peak Number 2 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	79.46 ng	1165120	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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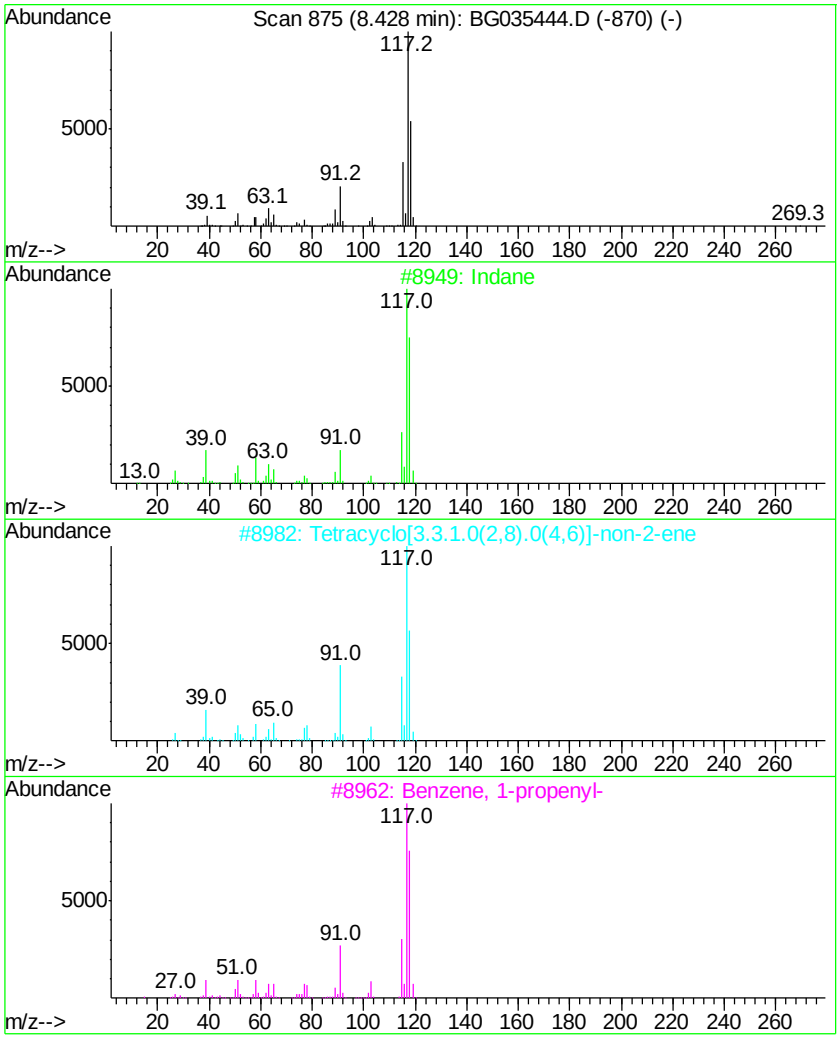
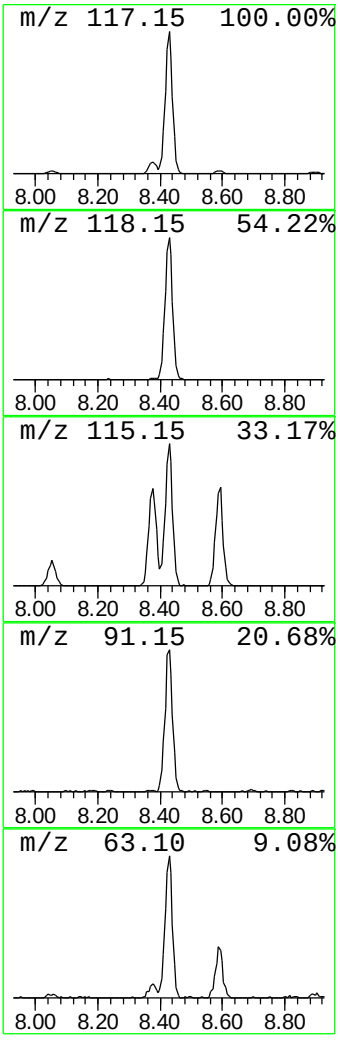
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	95.89 ng	1405970	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	59
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	52





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

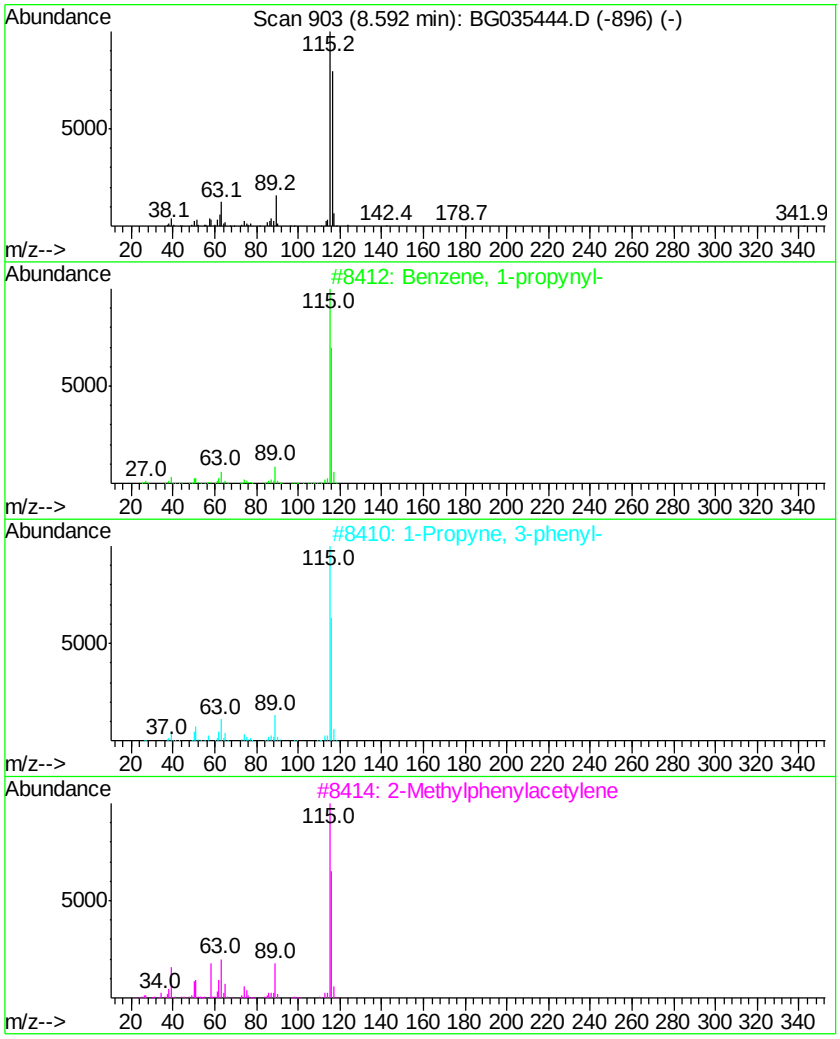
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

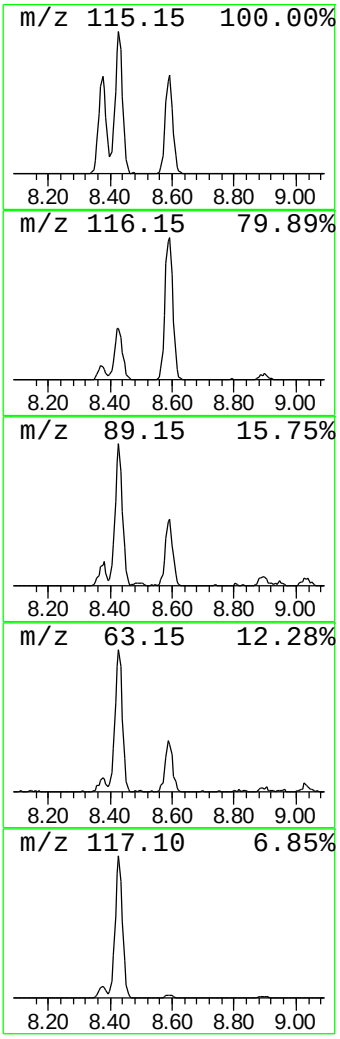
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	22.22 ng	325847	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

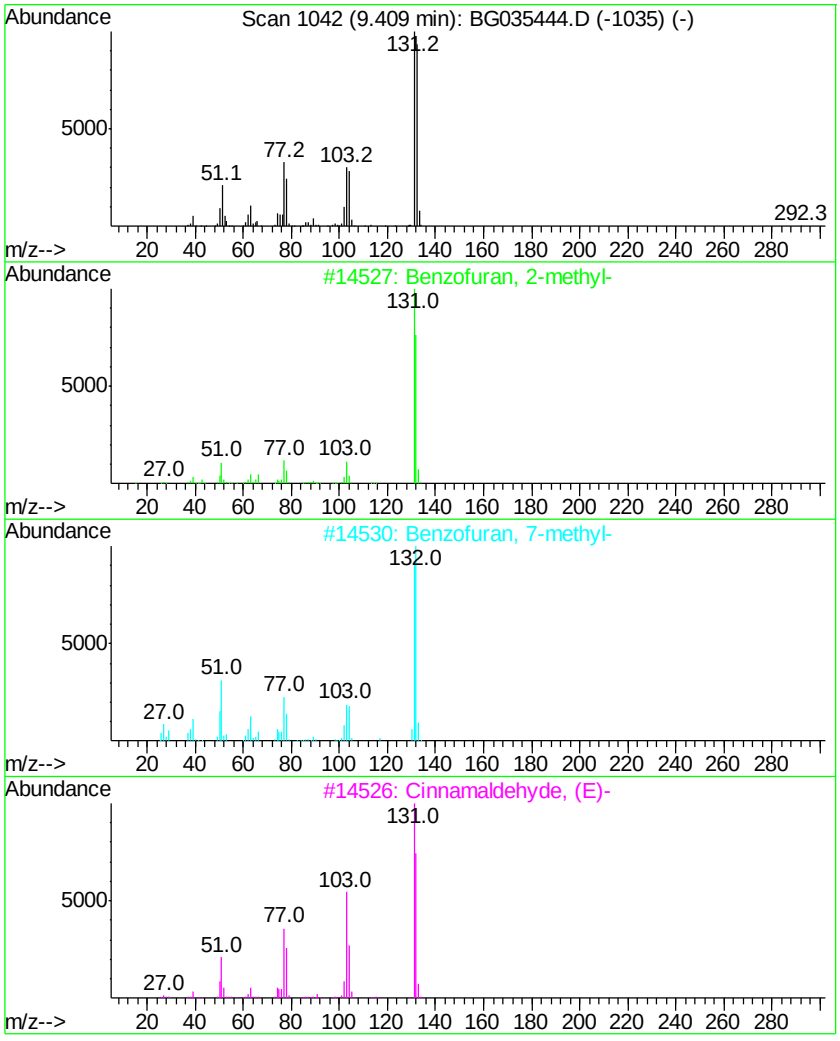
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

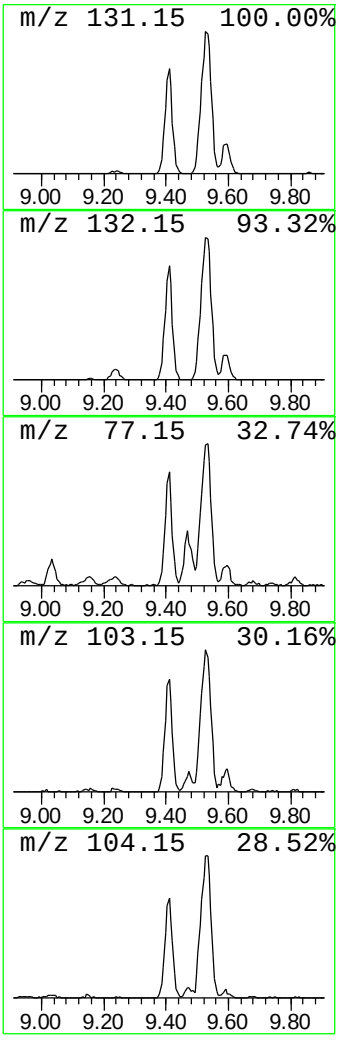
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	34.73 ng	509285	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

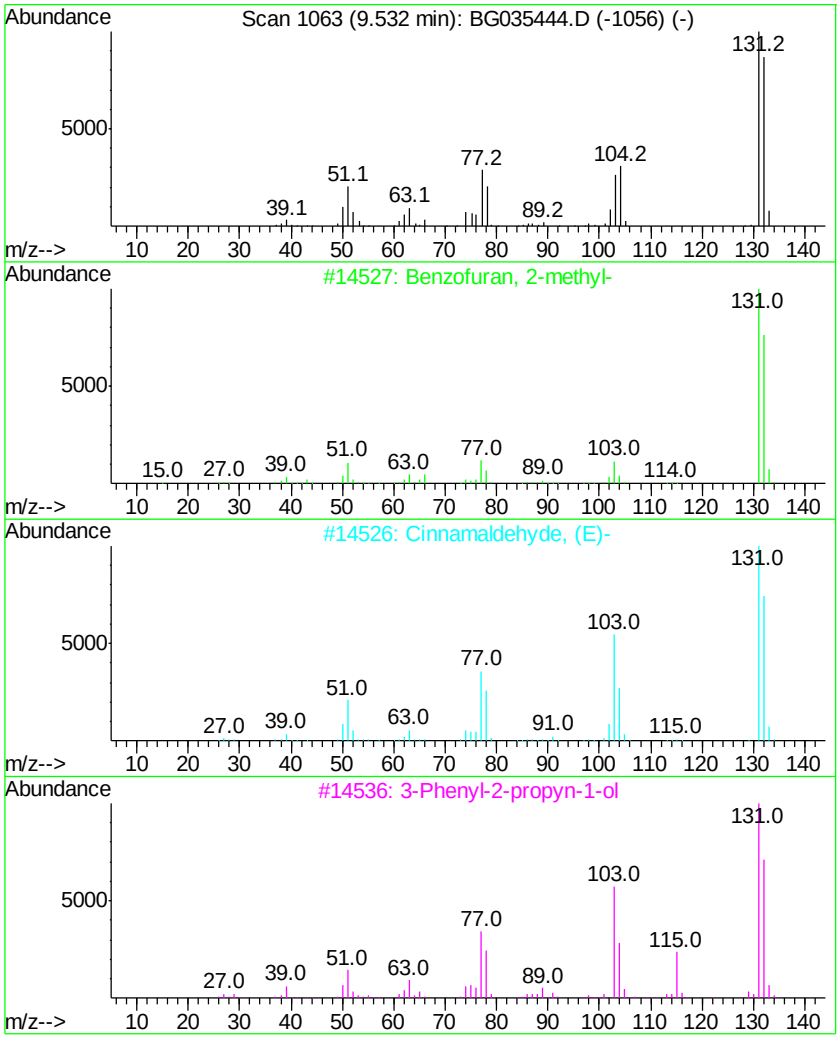
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

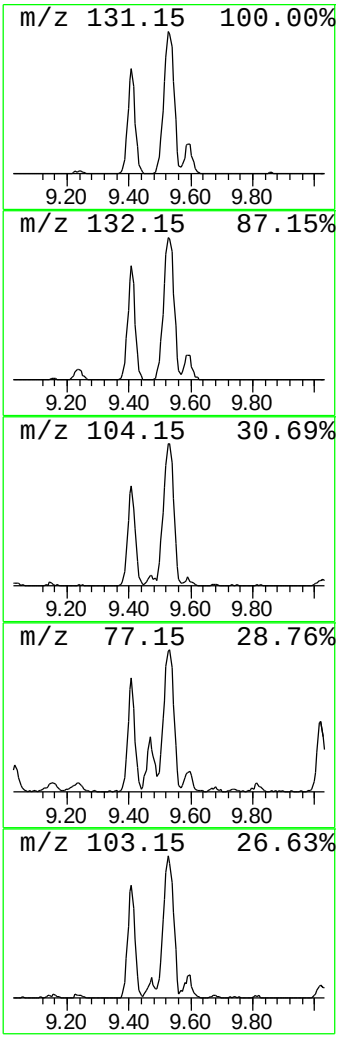
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	45.70 ng	920391	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	1H-Indenol	132	C9H8O	056631-57-3	87





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Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

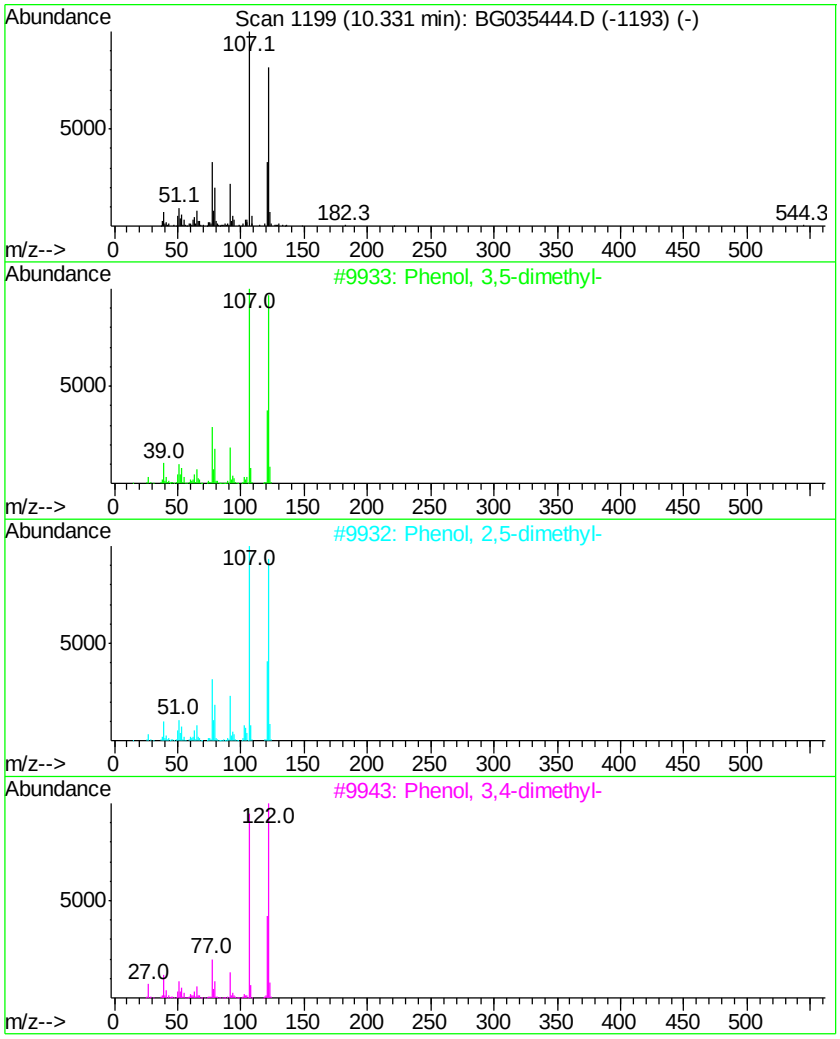
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

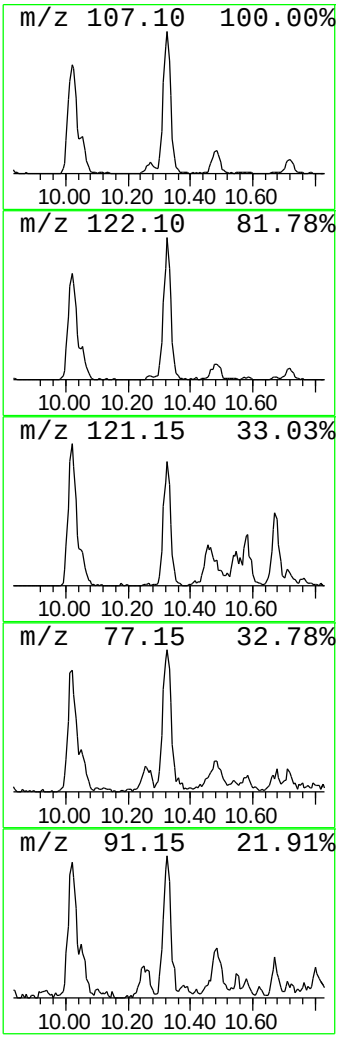
****

Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	21.12 ng	425351	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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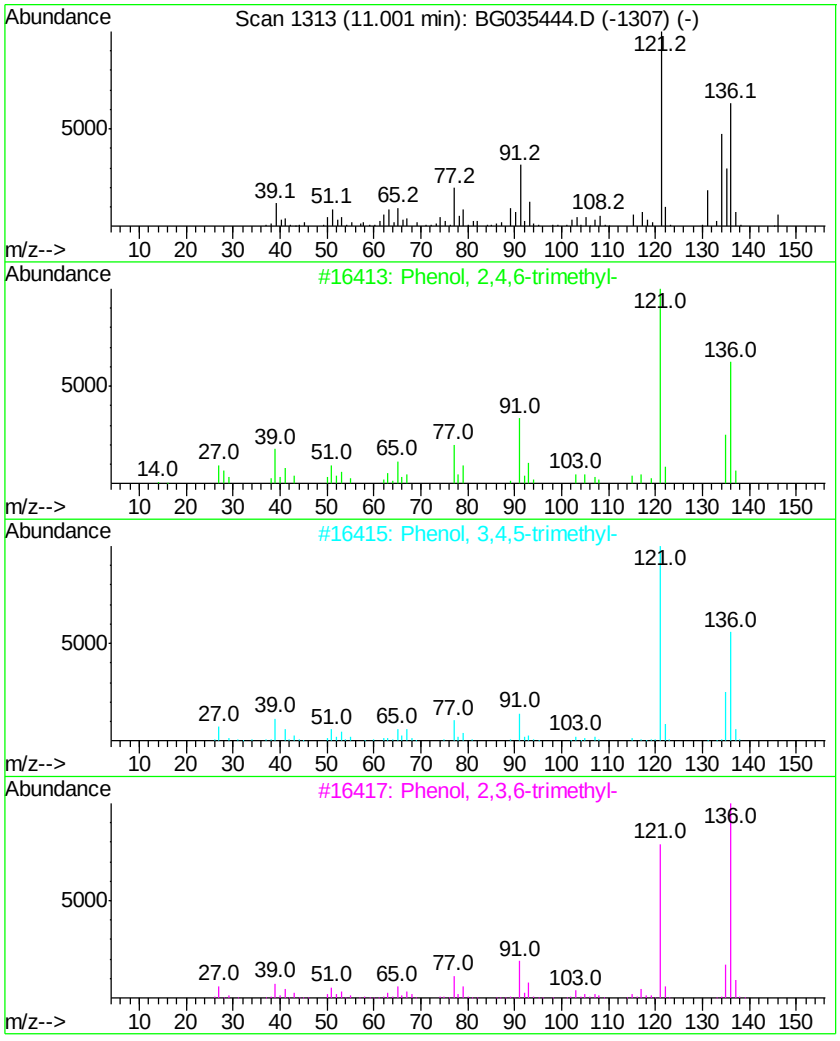
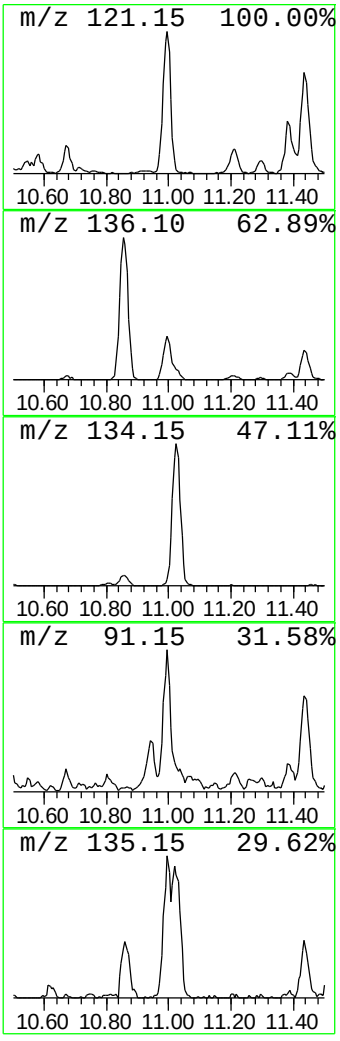
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	17.68 ng	356023	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	83
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81





Library Search Compound Report

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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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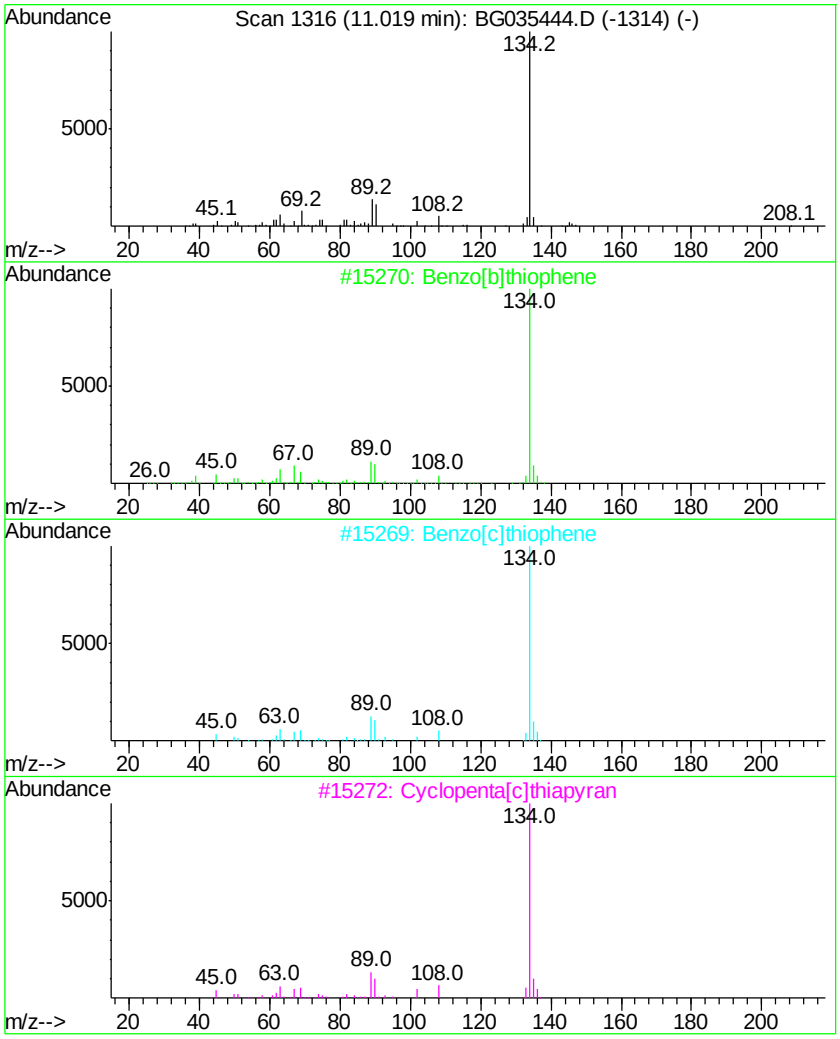
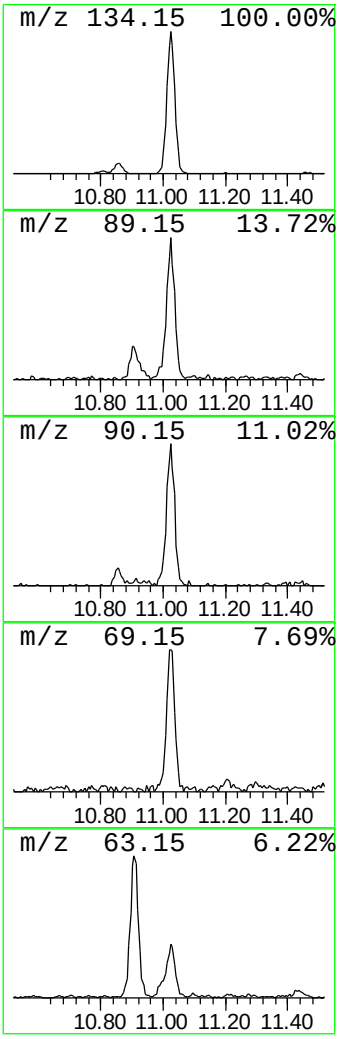
Peak Number 10 Benzo[b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	29.23 ng	588773	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	87
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	64
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	50
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	39





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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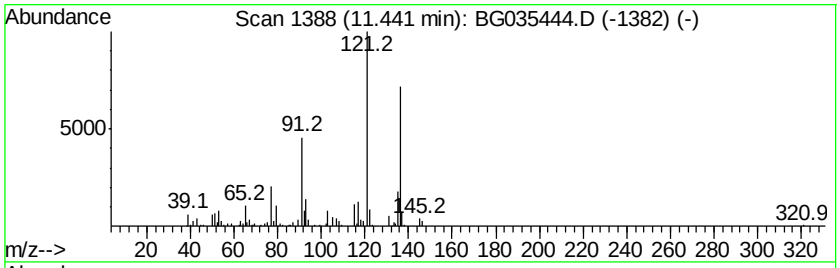
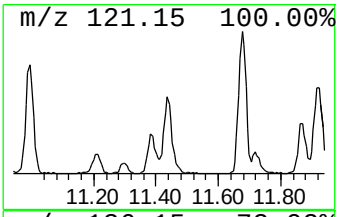
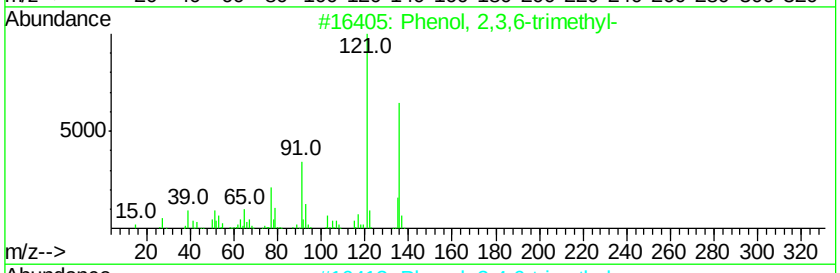
Peak Number 11 Phenol, 2,3,6-trimethyl- Concentration Rank 18

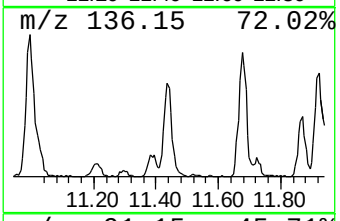
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	13.83 ng	278650	Naphthalene-d8	10.85

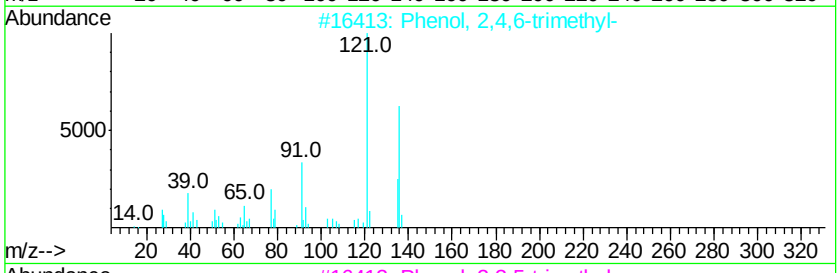
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	87

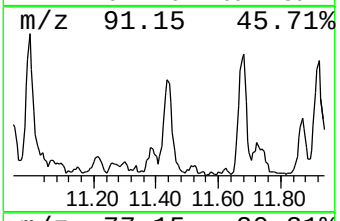


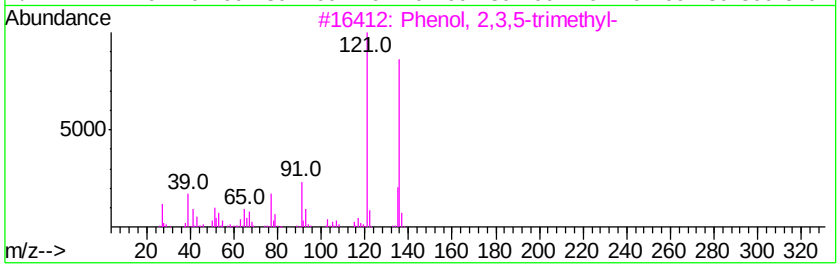


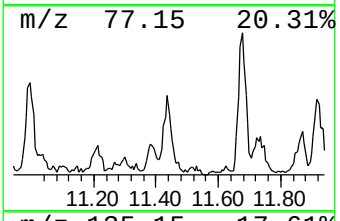


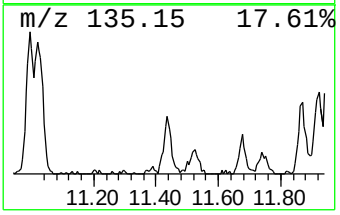












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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

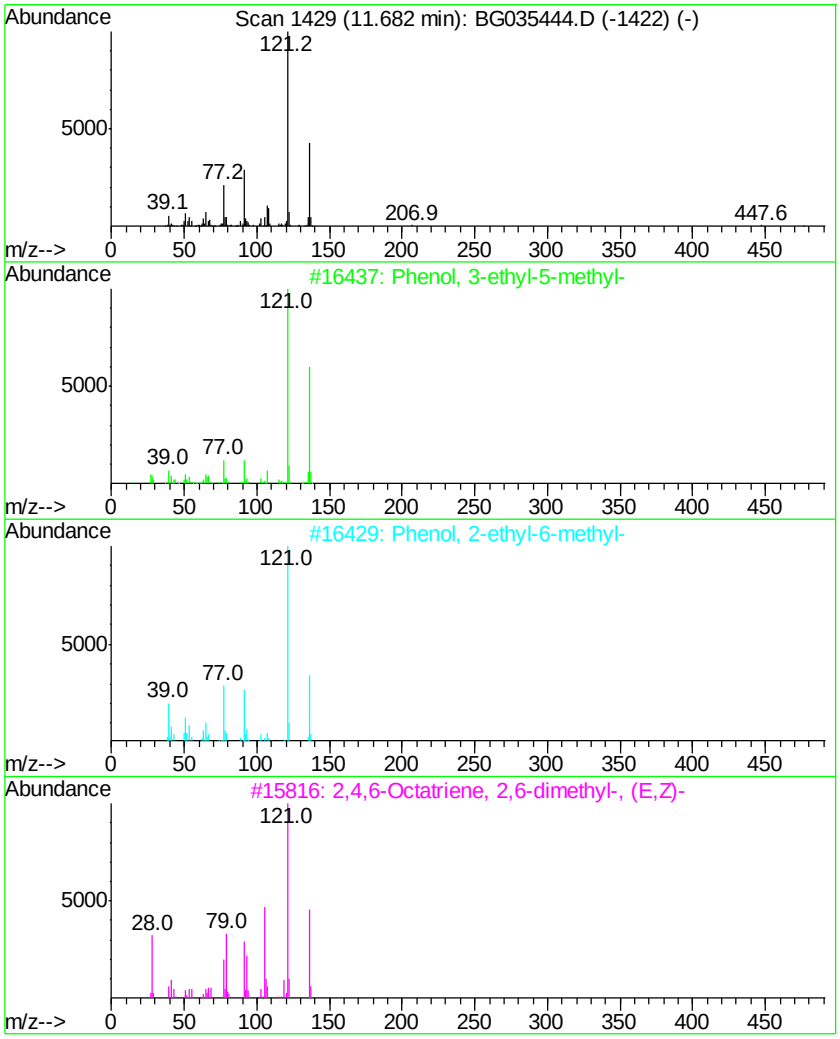
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

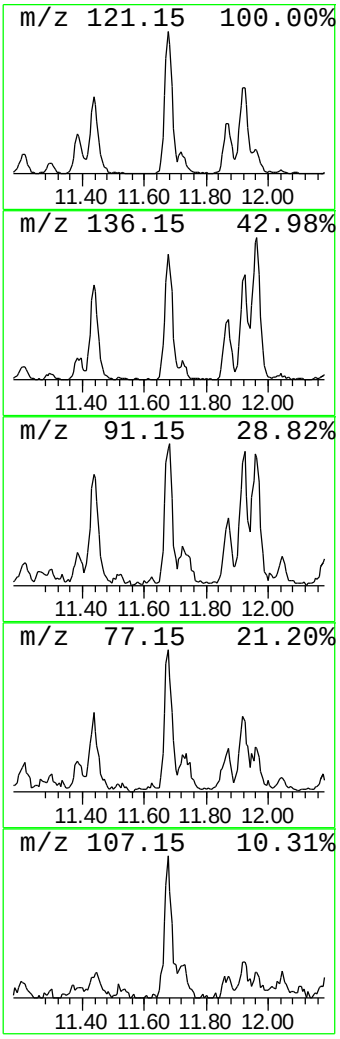
****

Peak Number 12 Phenol, 3-ethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	16.94 ng	341219	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
3	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	86
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	83





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

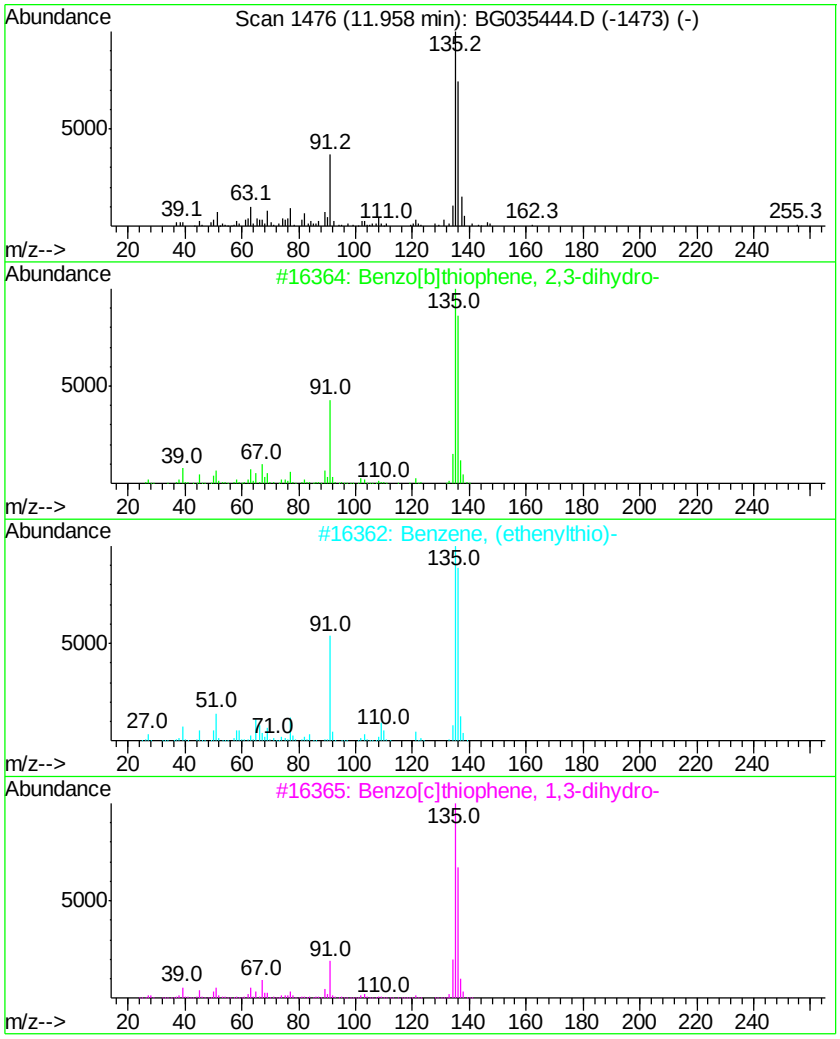
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

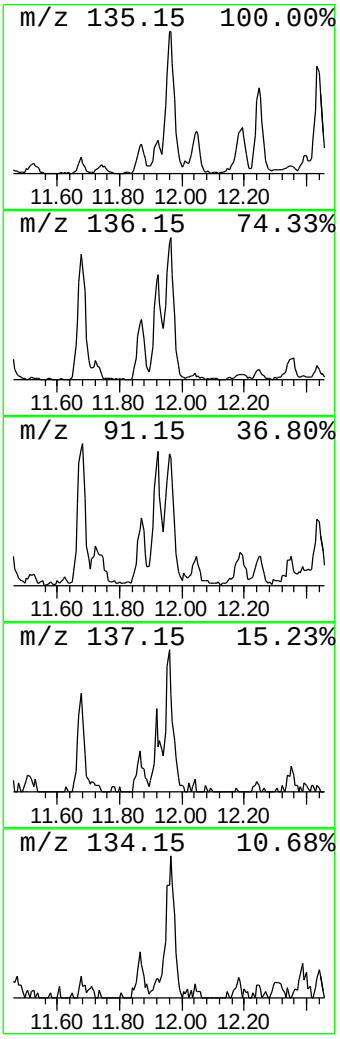
****

Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	13.40 ng	269940	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	90
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
4	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	72
5	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	64





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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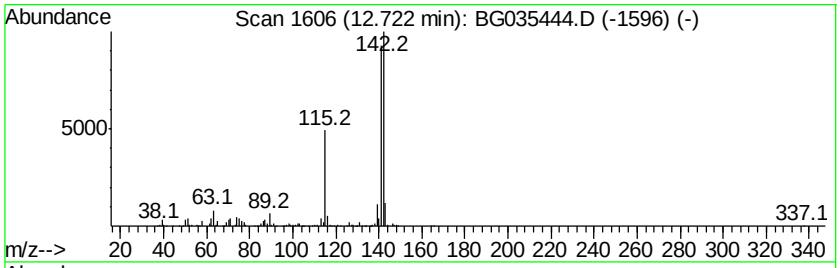
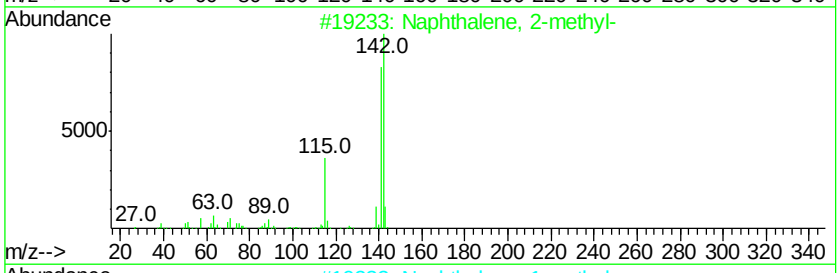
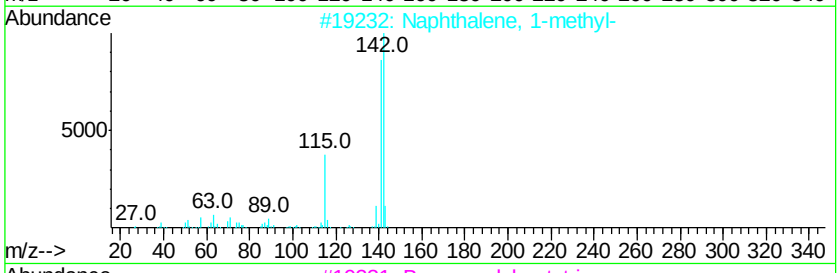
Peak Number 14 Naphthalene, 2-methyl- Concentration Rank 4

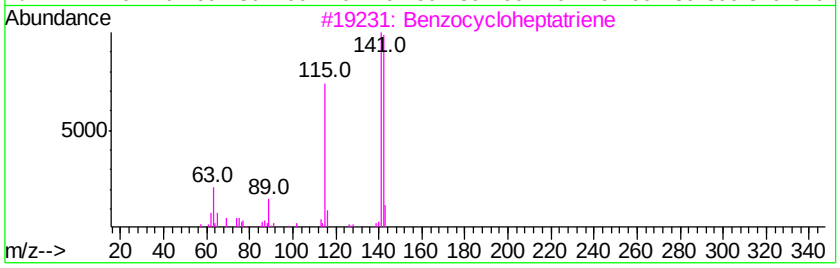
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	51.06 ng	1028480	Naphthalene-d8	10.85

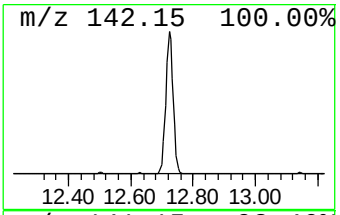
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91

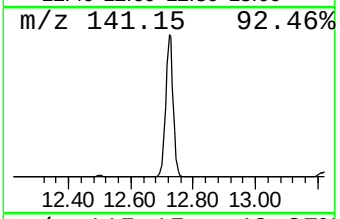


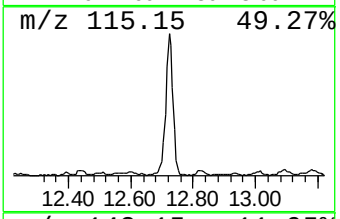


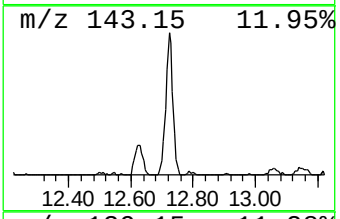


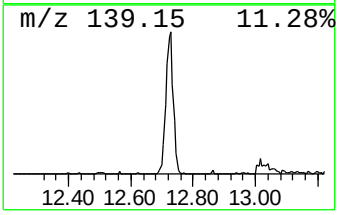












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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

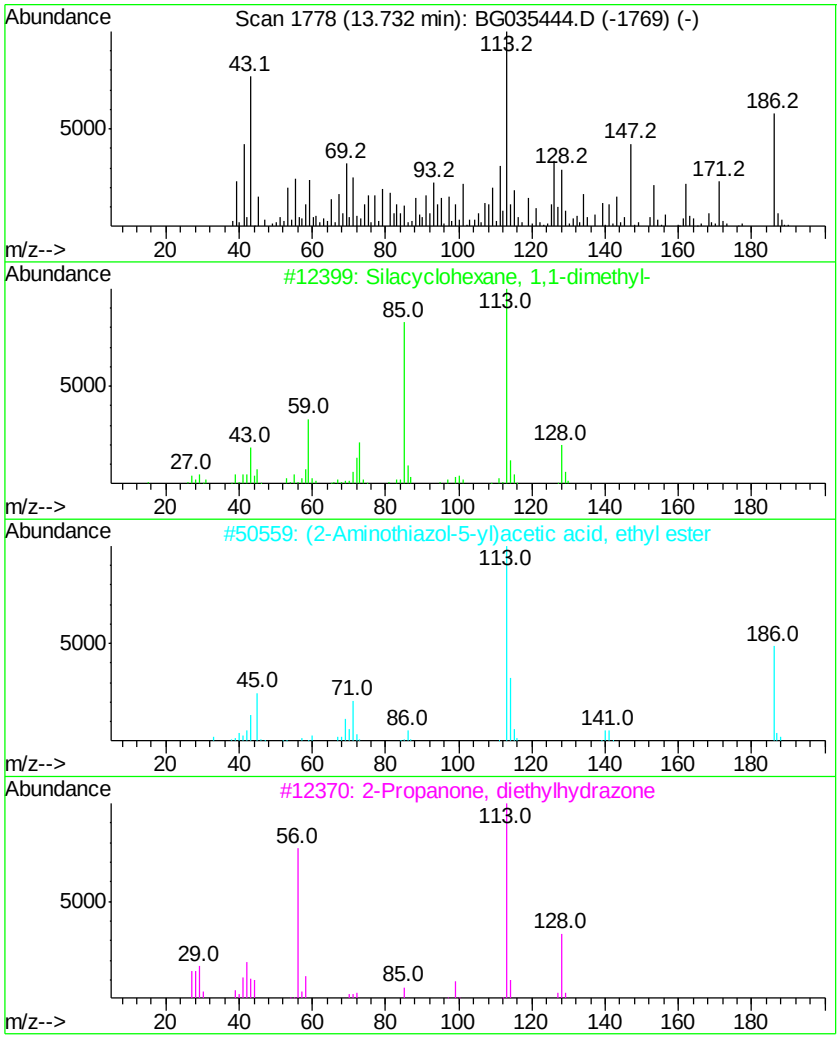
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

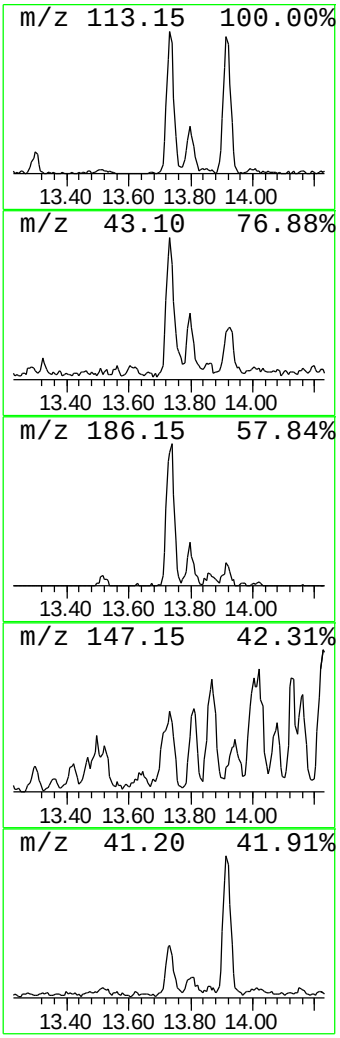
****

Peak Number 15 unknown13.73 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	17.67 ng	559086	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silacyclohexane, 1,1-dimethyl-	128	C7H16Si	004040-74-8	30
2	(2-Aminothiazol-5-yl)acetic acid...	186	C7H10N2O2S	1000304-78-0	30
3	2-Propanone, diethylhydrazone	128	C7H16N2	016713-36-3	25
4	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	22
5	Methyl 4-oxo-2-heptenedioate	200	C9H12O5	022503-69-1	22





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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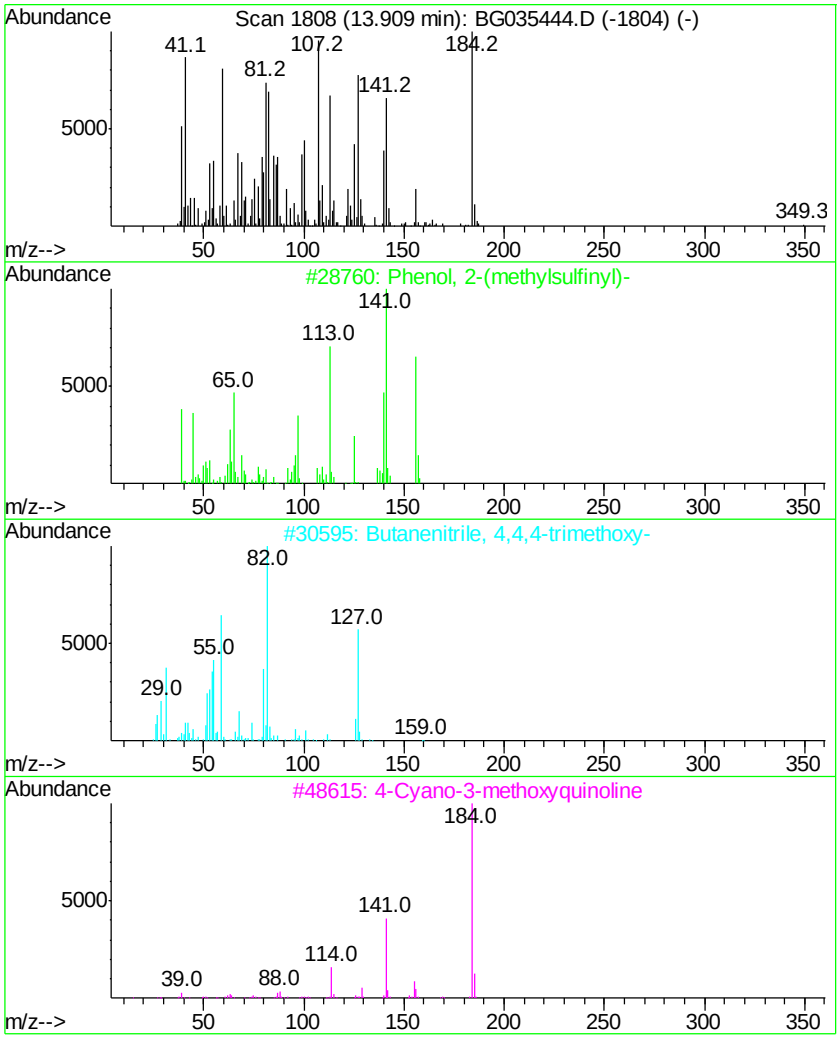
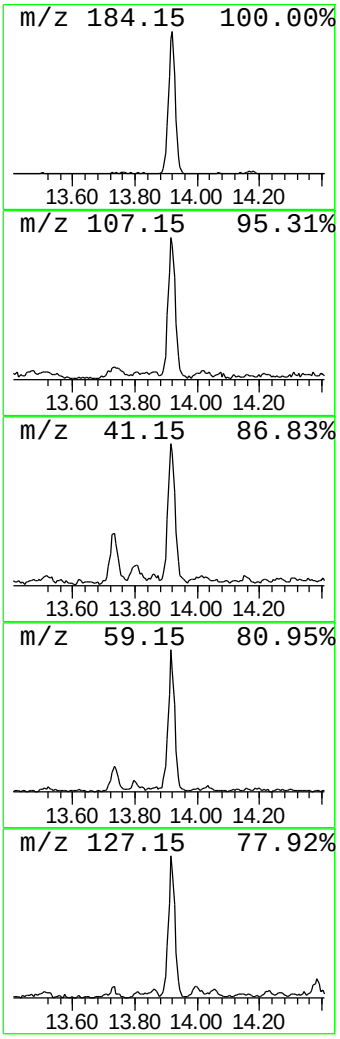
Peak Number 16 unknown13.91 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	32.12 ng	1016140	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(methylsulfinyl)-	156	C7H8O2S	001074-02-8	15
2	Butanenitrile, 4,4,4-trimethoxy-	159	C7H13NO3	133871-50-8	14
3	4-Cyano-3-methoxyquinoline	184	C11H8N2O	020844-02-4	11
4	4-Isopropylidene-cyclohexanol	140	C9H16O	175020-74-3	11
5	D-Alanine, N-(2,6-difluorobenzoy...	425	C24H37F2NO3	1000354-11-0	10





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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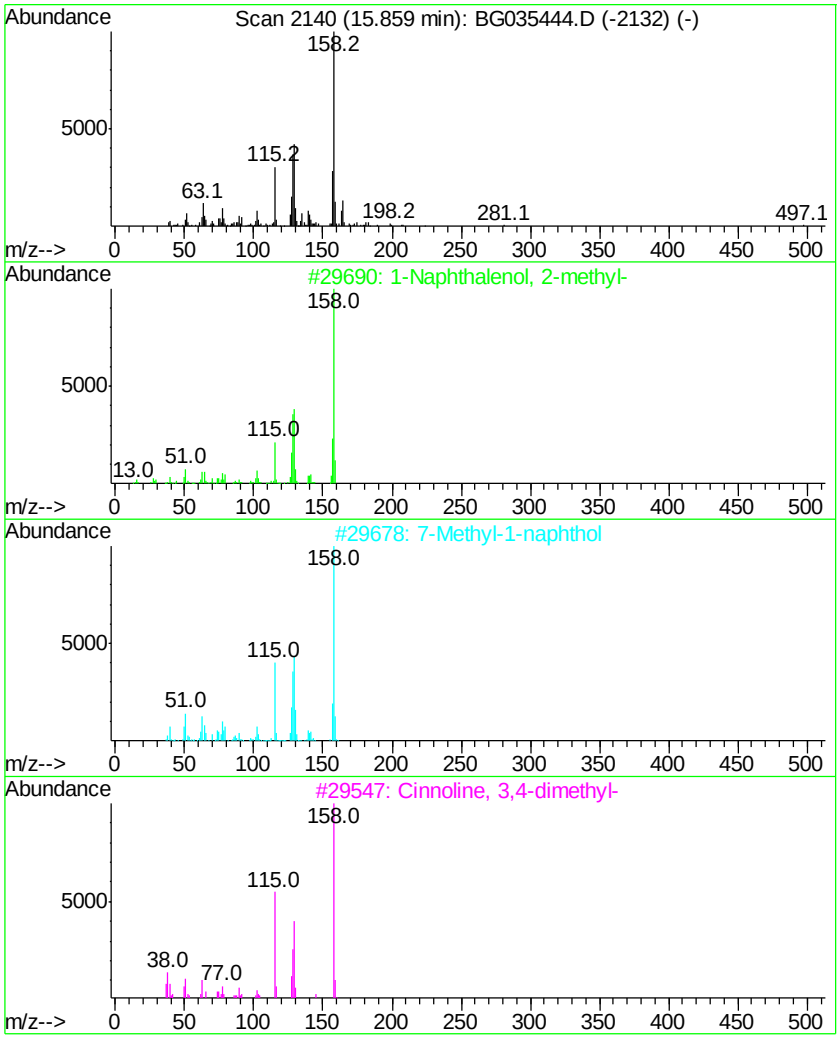
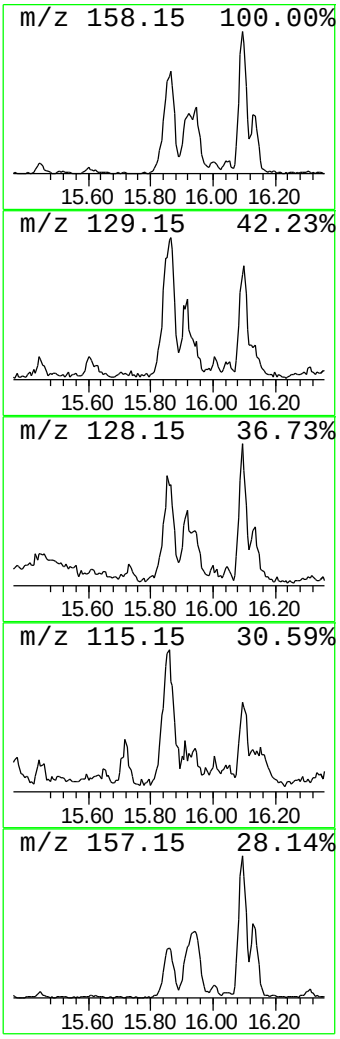
Peak Number 17 1-Naphthalenol, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	18.57 ng	587528	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	93
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	72
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64
4	2-Benzofurancarbonitrile, 3-amino-	158	C9H6N2O	1000337-93-2	49
5	1H-Imidazole, 2-methyl-4-phenyl-	158	C10H10N2	013739-48-5	43





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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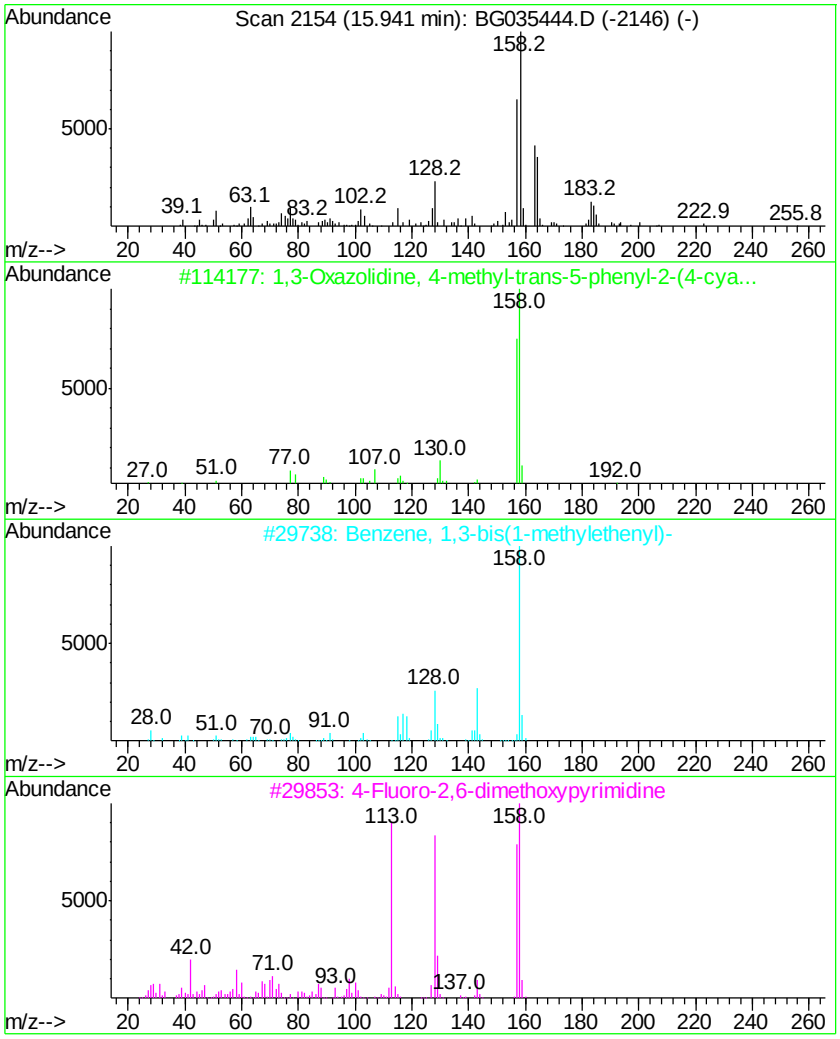
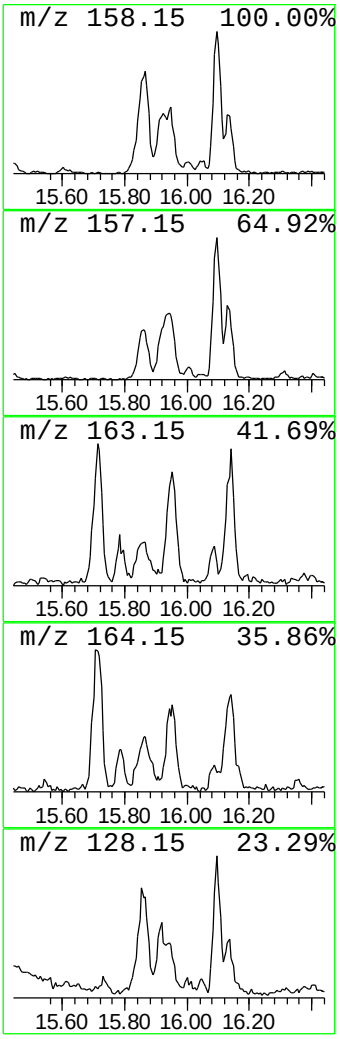
Peak Number 18 unknown15.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	14.99 ng	474347	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxazolidine, 4-methyl-trans-...	264	C17H16N2O	1000138-86-9	38
2	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	38
3	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	38
4	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	38
5	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	37





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Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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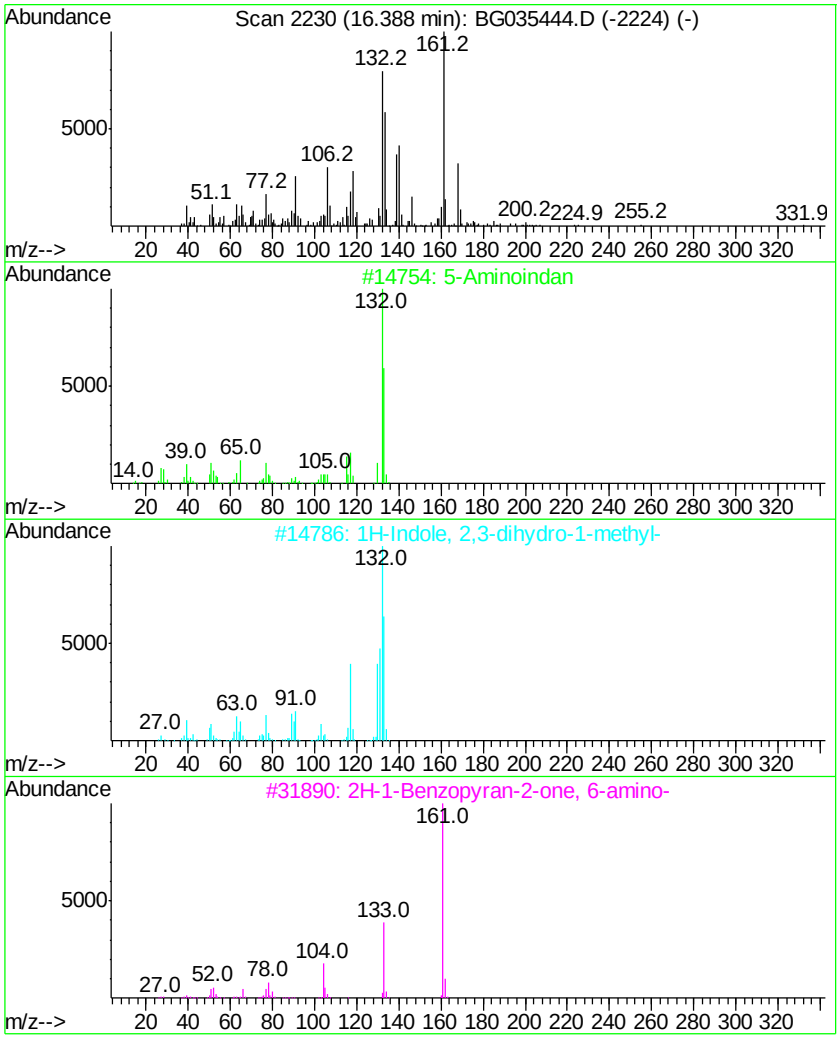
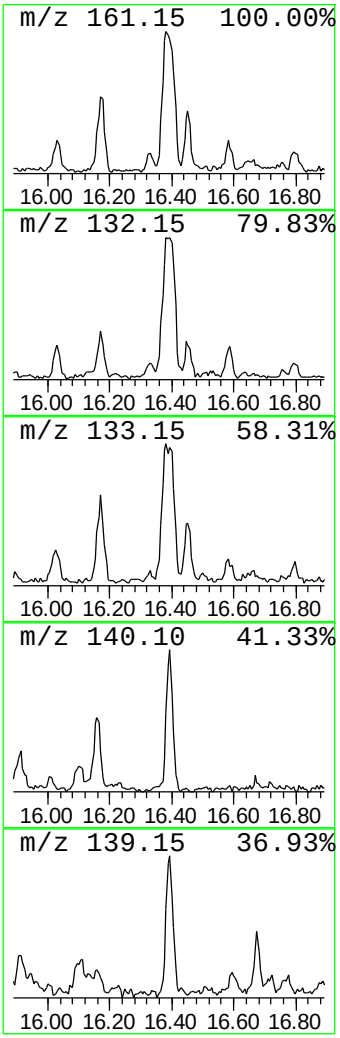
Peak Number 19 unknown16.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	13.33 ng	535703	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindan	133	C9H11N	024425-40-9	38
2	1H-Indole, 2,3-dihydro-1-methyl-	133	C9H11N	000824-21-5	30
3	2H-1-Benzopyran-2-one, 6-amino-	161	C9H7NO2	014415-44-2	25
4	1(2H)-Naphthalenone, 3,4-dihydro...	161	C10H11NO	003349-64-2	22
5	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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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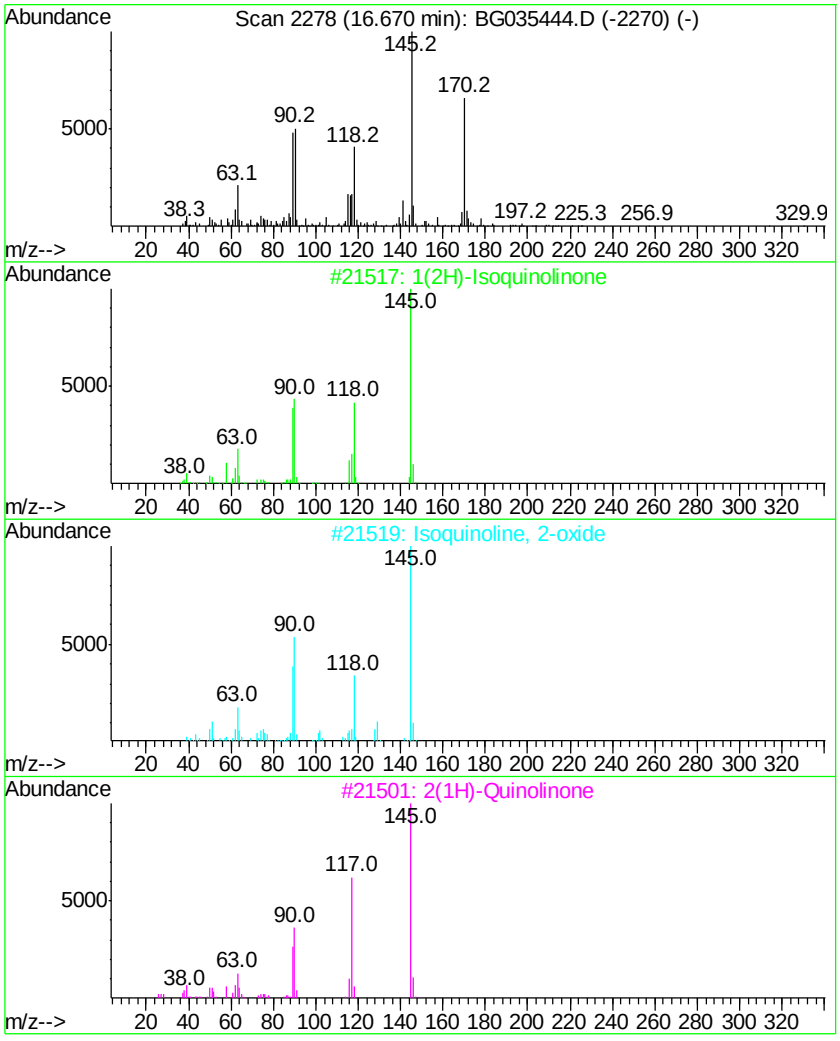
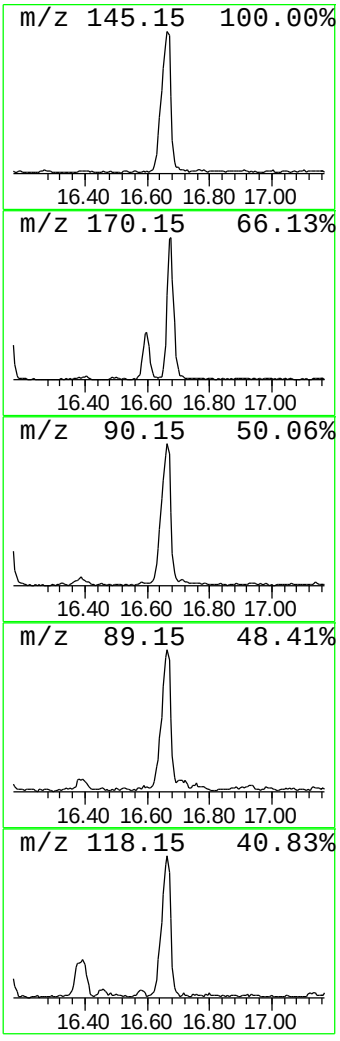
Peak Number 20 1(2H)-Isoquinolinone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	18.74 ng	752745	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	64
3	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	58
4	3-Quinolinol	145	C9H7NO	000580-18-7	58
5	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062618\
Data File : BG035444.D
Acq On : 27 Jun 2018 13:40
Operator : JU/SJ
Sample : J3711-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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
Ethylbenzene	5.57	42.6	ng	625205	1	8.05	293257	20.0
unknown7.58	7.58	79.5	ng	1165120	1	8.05	293257	20.0
Indane	8.43	95.9	ng	1405970	1	8.05	293257	20.0
Benzene, 1-propynyl-	8.59	22.2	ng	325847	1	8.05	293257	20.0
Benzofuran, 7-met...	9.41	34.7	ng	509285	1	8.05	293257	20.0
Benzofuran, 2-met...	9.53	45.7	ng	920391	2	10.85	402831	20.0
Phenol, 3,5-dimet...	10.33	21.1	ng	425351	2	10.85	402831	20.0
Phenol, 2,4,6-tri...	11.00	17.7	ng	356023	2	10.85	402831	20.0
Benzo[b]thiophene	11.02	29.2	ng	588773	2	10.85	402831	20.0
Phenol, 2,3,6-tri...	11.44	13.8	ng	278650	2	10.85	402831	20.0
Phenol, 3-ethyl-5...	11.68	16.9	ng	341219	2	10.85	402831	20.0
Benzo[b]thiophene...	11.96	13.4	ng	269940	2	10.85	402831	20.0
Naphthalene, 2-me...	12.72	51.1	ng	1028480	2	10.85	402831	20.0
unknown13.73	13.73	17.7	ng	559086	3	14.67	632727	20.0
unknown13.91	13.91	32.1	ng	1016140	3	14.67	632727	20.0
1-Naphthalenol, 2...	15.86	18.6	ng	587528	3	14.67	632727	20.0
unknown15.94	15.94	15.0	ng	474347	3	14.67	632727	20.0
unknown16.39	16.39	13.3	ng	535703	4	17.42	803478	20.0
1(2H)-Isoquinolinone	16.67	18.7	ng	752745	4	17.42	803478	20.0