LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.458	23	29	43	rBV	1323256	2573346	48.23%	4.642%
2	3.564	43	47	57	rVB	122177	213004	3.99%	0.384%
3	6.213	491	498	505	rBV	470901	845712	15.85%	1.525%
4	6.290	505	511	520	rVV	239510	549497	10.30%	0.991%
5	6.372	523	525	540	rVB3	51201	112333	2.11%	0.203%
6	6.754	584	590	600	rBV	79716	142650	2.67%	0.257%
7	7.259	667	676	688	rBV	113946	207084	3.88%	0.374%
8	7.976	789	798	822	rBV	145906	473079	8.87%	0.853%
9	8.211	831	838	844	rVB	43800	79250	1.49%	0.143%
10	8.370	859	865	878	rBV	499428	1047597	19.64%	1.890%
11	8.476	878	883	891	rVB	121515	225863	4.23%	0.407%
12	8.863	942	949	961	rBV	113808	274991	5.15%	0.496%
13	9.192	997	1005	1009	rBV	481618	944374	17.70%	1.703%
14	9.245	1009	1014	1028	rVB	1275300	2364826	44.33%	4.265%
15	9.416	1035	1043	1054	rBV	300423	599705	11.24%	1.082%
16	9.874	1115	1121	1131	rBV2	48476	114925	2.15%	0.207%
17	9.974	1131	1138	1146	rVB4	59877	134176	2.51%	0.242%
18	10.062	1146	1153	1170	rBV2	476384	1138088	21.33%	2.053%
19	10.250	1178	1185	1191	rBV	434410	792330	14.85%	1.429%
20	10.309	1191	1195	1199	rVV2	102280	195200	3.66%	0.352%
21	10.379	1199	1207	1214	rVV	597731	1495102	28.02%	2.697%
22	10.438	1214	1217	1225	rVV	103366	236270	4.43%	0.426%
23	10.514	1226	1230	1236	rVV3	37301	77448	1.45%	0.140%
24	10.867	1284	1290	1298	rBV	107229	255956	4.80%	0.462%
25	11.114	1326	1332	1337	rBV5	95404	223544	4.19%	0.403%
26	11.172	1337	1342	1347	rVV2	148666	310291	5.82%	0.560%
27	11.219	1348	1350	1363	rVB4	58147	145813	2.73%	0.263%
28	11.337	1363	1370	1379	rBV6	48927	133281	2.50%	0.240%
29	11.742	1433	1439	1442	rBV	199238	380501	7.13%	0.686%
30	11.795	1442	1448	1455	rVV	2660732	5335147	100.00%	9.623%
31	11.854	1455	1458	1463	rVV2	264042	489338	9.17%	0.883%
32	11.913	1463	1468	1482	rVB	499289	1118689	20.97%	2.018%
33	12.136	1501	1506	1513	rBV5	53592	111193	2.08%	0.201%
34	12.295	1528	1533	1542	rVV	164375	304052	5.70%	0.548%

LSC Area Percent Report

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Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.512	1558	1570	1575	rBV	242832	482928	9.05%	0.871%
36	12.565	1576	1579	1592	rVV9	62701	211309	3.96%	0.381%
37	12.676	1592	1598	1599	rVV3	48263	75396	1.41%	0.136%
38	12.700	1599	1602	1606	rVV2	88956	169491	3.18%	0.306%
39	12.753	1606	1611	1616	rVV2	208743	400786	7.51%	0.723%
40	12.823	1618	1623	1628	rVV	218219	462504	8.67%	0.834%
41	12.864	1628	1630	1635	rVV2	68057	117772	2.21%	0.212%
42	13.005	1648	1654	1659	rBV3	71294	146915	2.75%	0.265%
43	13.064	1659	1664	1673	rVB3	105387	209167	3.92%	0.377%
44	13.176	1678	1683	1686	rBV3	51792	95735	1.79%	0.173%
45	13.241	1688	1694	1702	rVB2	180758	333319	6.25%	0.601%
46	13.352	1709	1713	1718	rBV4	46272	76018	1.42%	0.137%
47	13.458	1728	1731	1738	rVB7	49059	92198	1.73%	0.166%
48	13.558	1738	1748	1754	rBV	781356	1425235	26.71%	2.571%
49	13.622	1754	1759	1762	rVV	127457	199976	3.75%	0.361%
50	13.664	1762	1766	1772	rVV3	64833	111586	2.09%	0.201%
51	13.728	1772	1777	1787	rVB6	51974	155955	2.92%	0.281%
52	13.816	1788	1792	1798	rVB	77294	126092	2.36%	0.227%
53	13.887	1798	1804	1813	rBV3	138704	295257	5.53%	0.533%
54	13.993	1813	1822	1827	rBV5	140526	357658	6.70%	0.645%
55	14.104	1835	1841	1853	rBV	1387973	2365321	44.33%	4.266%
56	14.263	1863	1868	1871	rBV	144915	235390	4.41%	0.425%
57	14.322	1871	1878	1888	rVB5	258121	666096	12.49%	1.201%
58	14.545	1904	1916	1922	rBV5	350040	722541	13.54%	1.303%
59	14.609	1922	1927	1931	rVV3	217624	419545	7.86%	0.757%
60	14.662	1932	1936	1941	rVB4	186403	332462	6.23%	0.600%
61	14.727	1941	1947	1953	rVB3	851276	1347586	25.26%	2.431%
62	14.797	1953	1959	1965	rBV3	237334	483280	9.06%	0.872%
63	14.856	1965	1969	1973	rVB2	84402	132210	2.48%	0.238%
64	14.909	1973	1978	1981	rBV2	54421	88928	1.67%	0.160%
65	14.950	1981	1985	1991	rVB2	147305	227961	4.27%	0.411%
66	15.009	1991	1995	1997	rBV2	73336	114474	2.15%	0.206%
67	15.197	2021	2027	2033	rVB5	119256	286159	5.36%	0.516%
68	15.397	2056	2061	2066	rBV3	104684	214822	4.03%	0.387%
69	15.479	2070	2075	2080	rVV2	381921	698953	13.10%	1.261%
70	15.538	2080	2085	2091	rVV	490014	910104	17.06%	1.642%
71	15.602	2091	2096	2102	rVB	300536	524189	9.83%	0.945%

LSC Area Percent Report

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Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-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
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.732	2112	2118	2123	rBV5	80352	187149	3.51%	0.338%
73	15.873	2136	2142	2148	rBV	267860	487102	9.13%	0.879%
74	16.067	2171	2175	2186	rBV8	132298	304515	5.71%	0.549%
75	16.237	2202	2204	2208	rVB3	74337	96757	1.81%	0.175%
76	16.325	2213	2219	2224	rVB2	111419	216332	4.05%	0.390%
77	16.513	2243	2251	2256	rBV	324506	597126	11.19%	1.077%
78	16.566	2257	2260	2264	rVV4	58627	86332	1.62%	0.156%
79	16.637	2266	2272	2279	rVV3	244880	642535	12.04%	1.159%
80	16.725	2279	2287	2295	rVB6	147840	475790	8.92%	0.858%
81	16.877	2307	2313	2316	rBV2	291054	498079	9.34%	0.898%
82	16.954	2321	2326	2335	rVB	1174493	2039742	38.23%	3.679%
83	17.101	2347	2351	2354	rBV5	48916	75267	1.41%	0.136%
84	17.177	2356	2364	2370	rVV6	218220	581670	10.90%	1.049%
85	17.371	2393	2397	2402	rBV4	85770	149285	2.80%	0.269%
86	17.453	2402	2411	2414	rBV2	457786	1108977	20.79%	2.000%
87	17.547	2424	2427	2436	rVB3	113625	200394	3.76%	0.361%
88	17.671	2444	2448	2451	rBV4	70538	121900	2.28%	0.220%
89	18.047	2506	2512	2522	rBV3	205668	668708	12.53%	1.206%
90	18.129	2522	2526	2532	rVB	499413	750941	14.08%	1.354%
91	18.205	2534	2539	2543	rBV	477817	784484	14.70%	1.415%
92	18.252	2543	2547	2552	rVB	310368	501734	9.40%	0.905%
93	18.305	2552	2556	2561	rBV2	163252	358853	6.73%	0.647%
94	18.605	2603	2607	2613	rVB	423464	680582	12.76%	1.228%
95	19.022	2675	2678	2684	rBV5	212482	351994	6.60%	0.635%
96	20.732	2963	2969	2974	rBV	1855861	2520942	47.25%	4.547%
97	21.689	3127	3132	3138	rVB2	66530	133865	2.51%	0.241%
98	22.071	3194	3197	3210	rVB5	66899	139082	2.61%	0.251%
99	22.553	3273	3279	3289	rBV2	454689	883397	16.56%	1.593%
100	26.313	3909	3919	3930	rBV2	260569	838203	15.71%	1.512%

Sum of corrected areas: 55441710

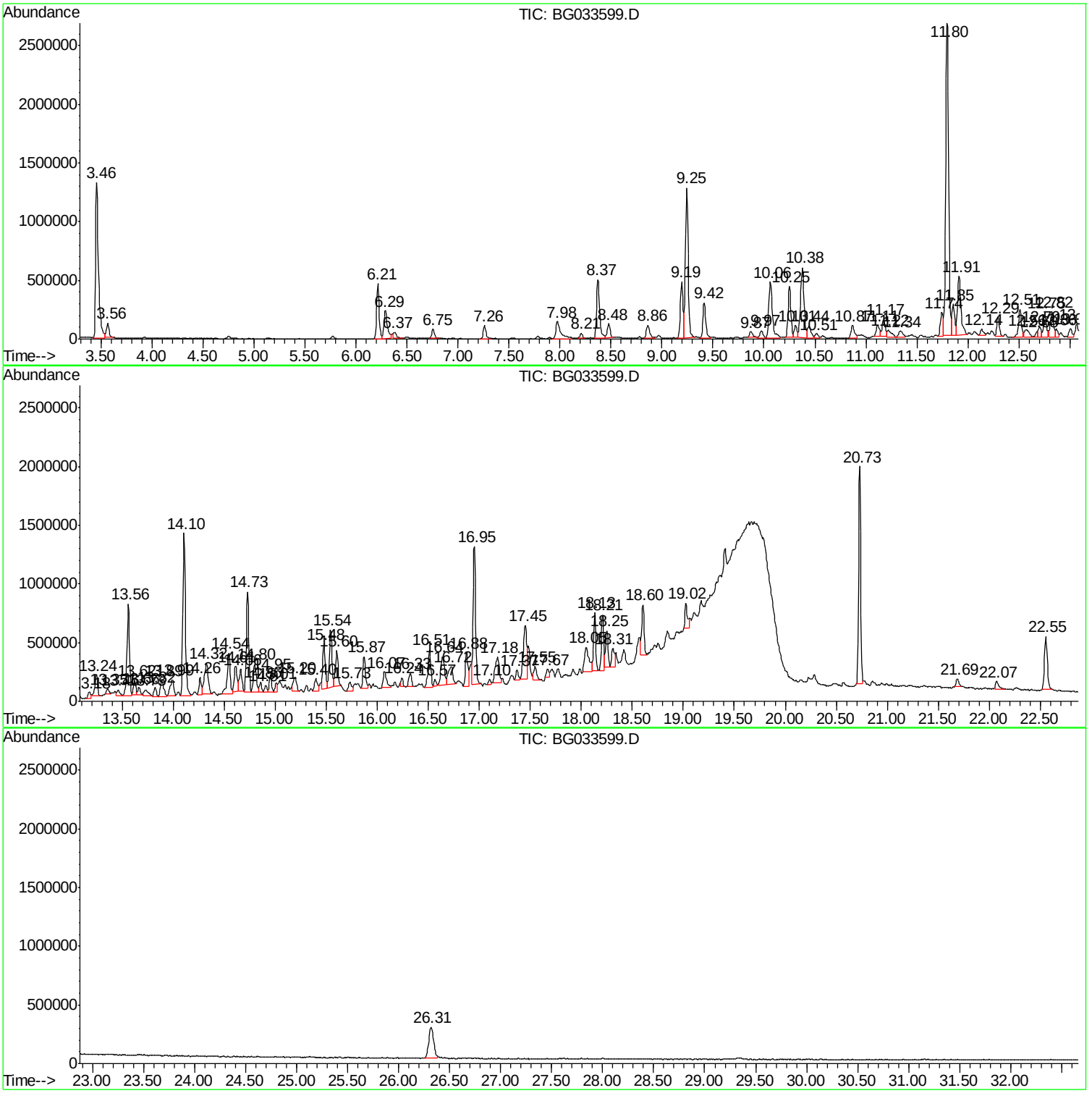
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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\BG040518\
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Sample : J2216-03
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Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

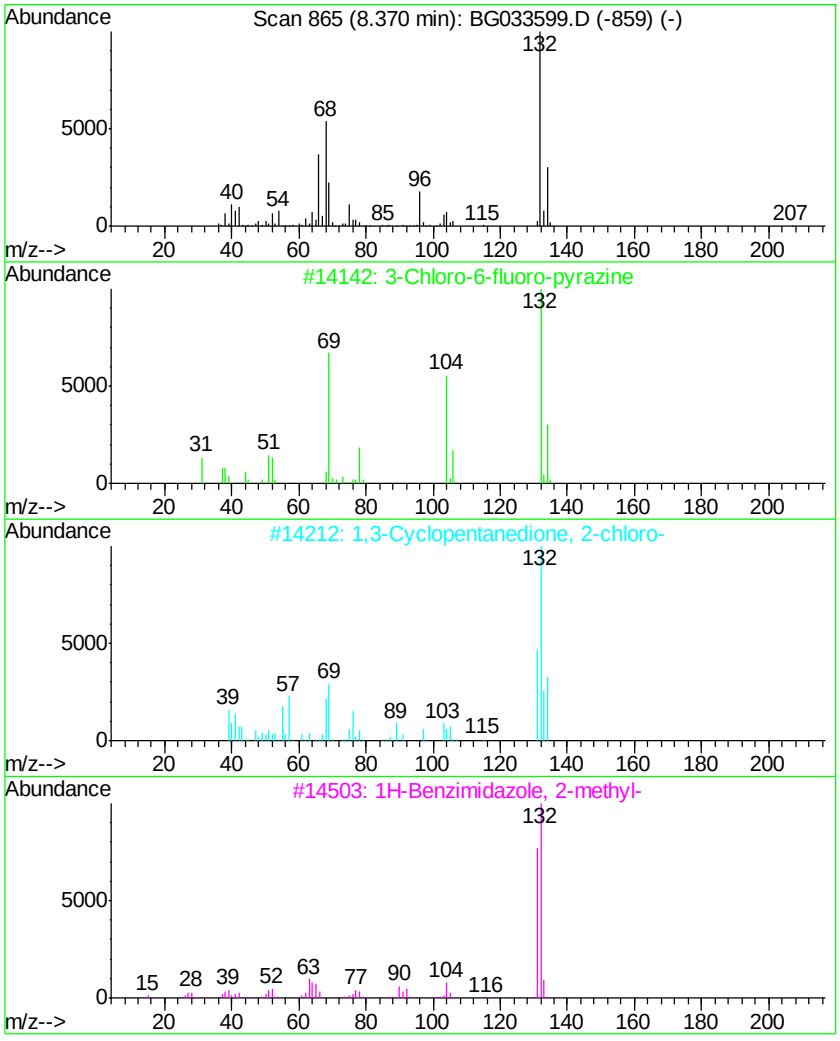
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

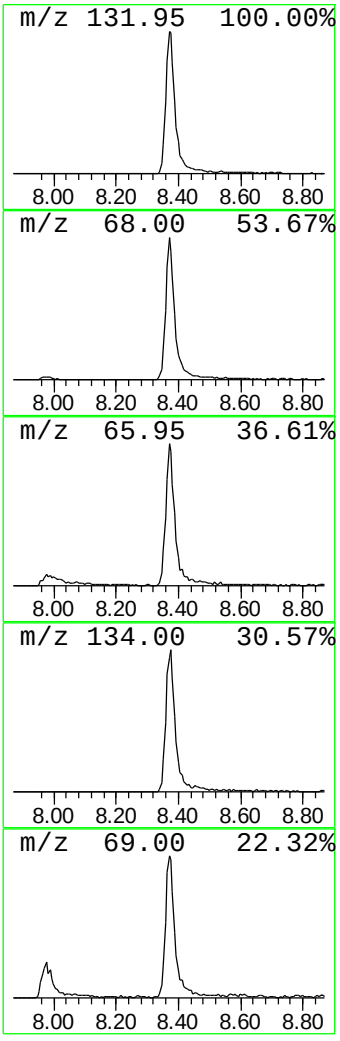
****

Peak Number 3 unknown8.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	76.19 ng	1047600	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

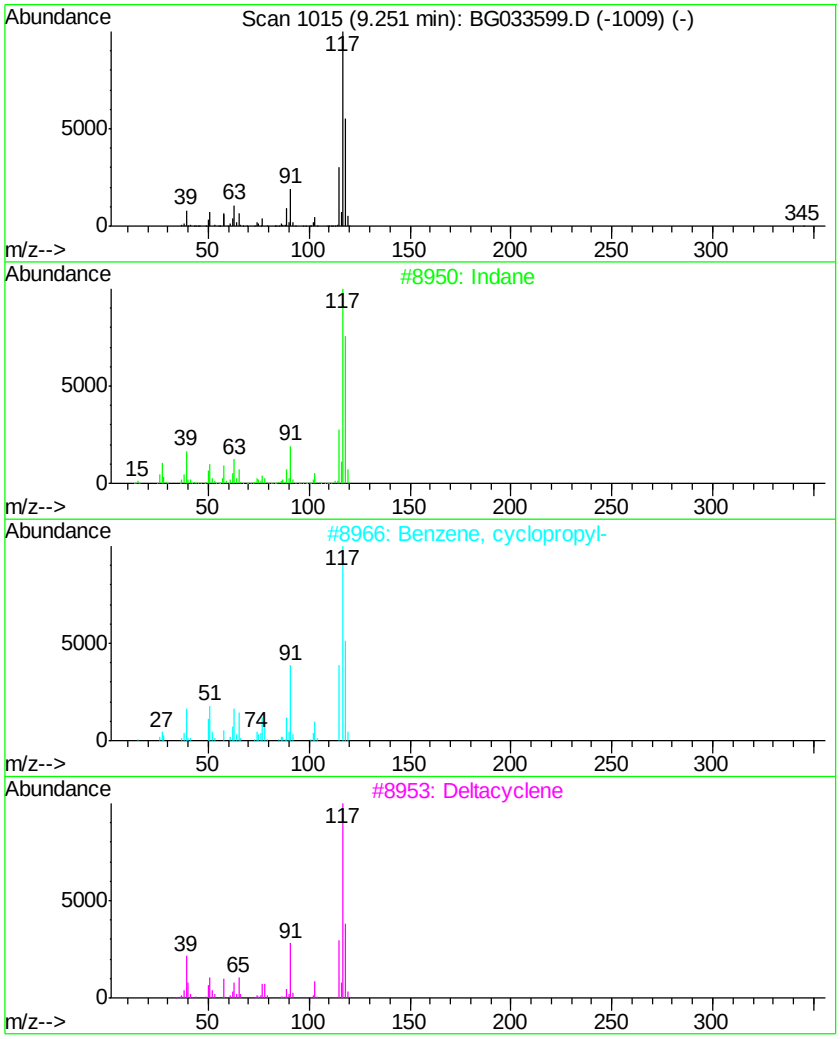
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

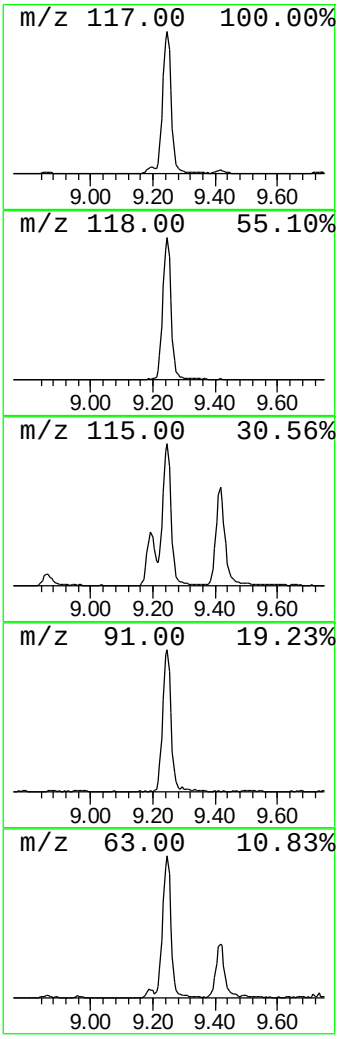
****

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	171.99 ng	2364830	1,4-Dichlorobenzene-d4	8.86

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	81
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

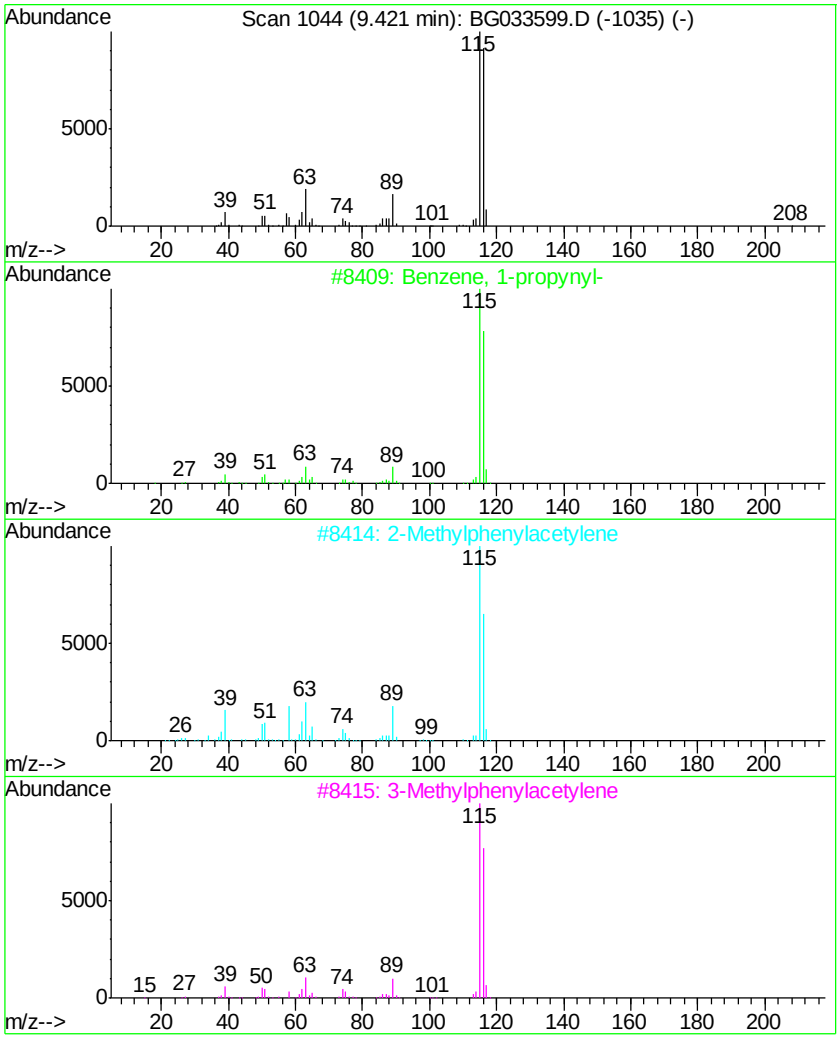
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

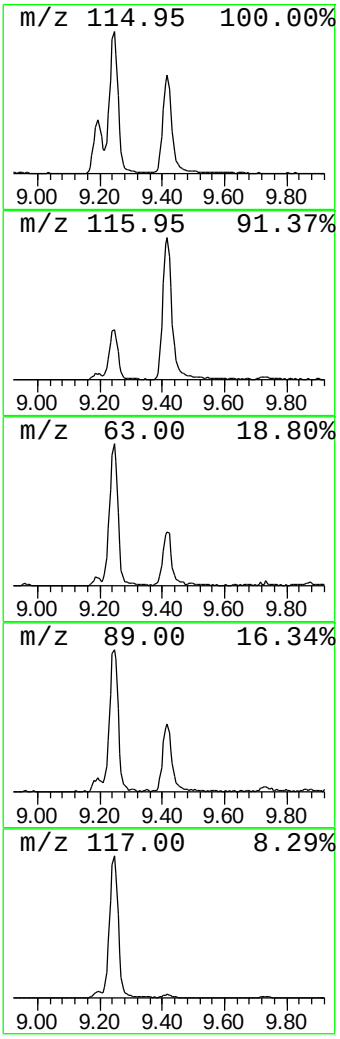
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	43.62 ng	599705	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

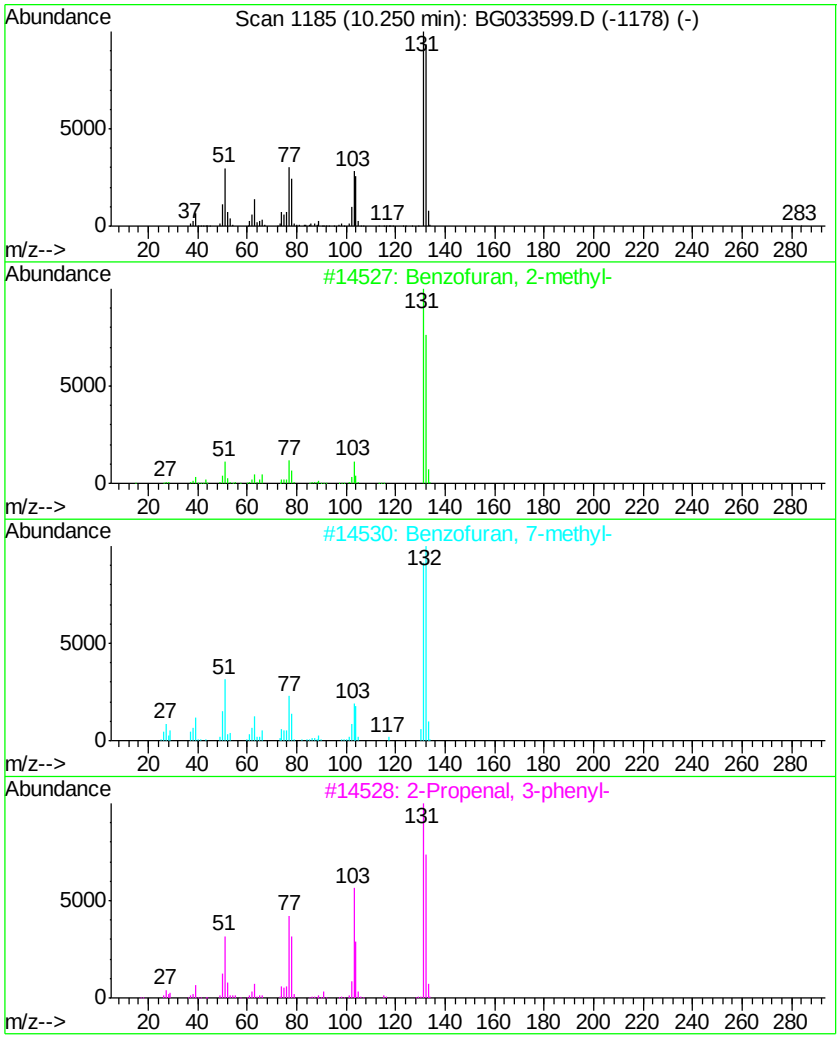
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

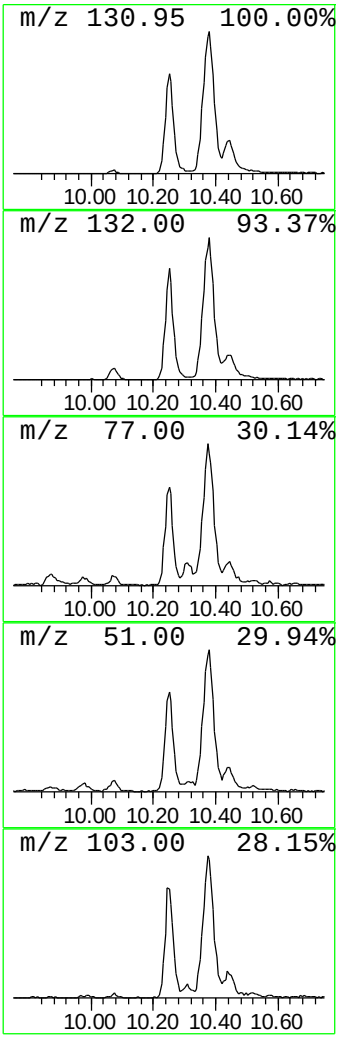
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	57.63 ng	792330	1,4-Dichlorobenzene-d4	8.86

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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033599.D
Acq On : 5 Apr 2018 19:11
Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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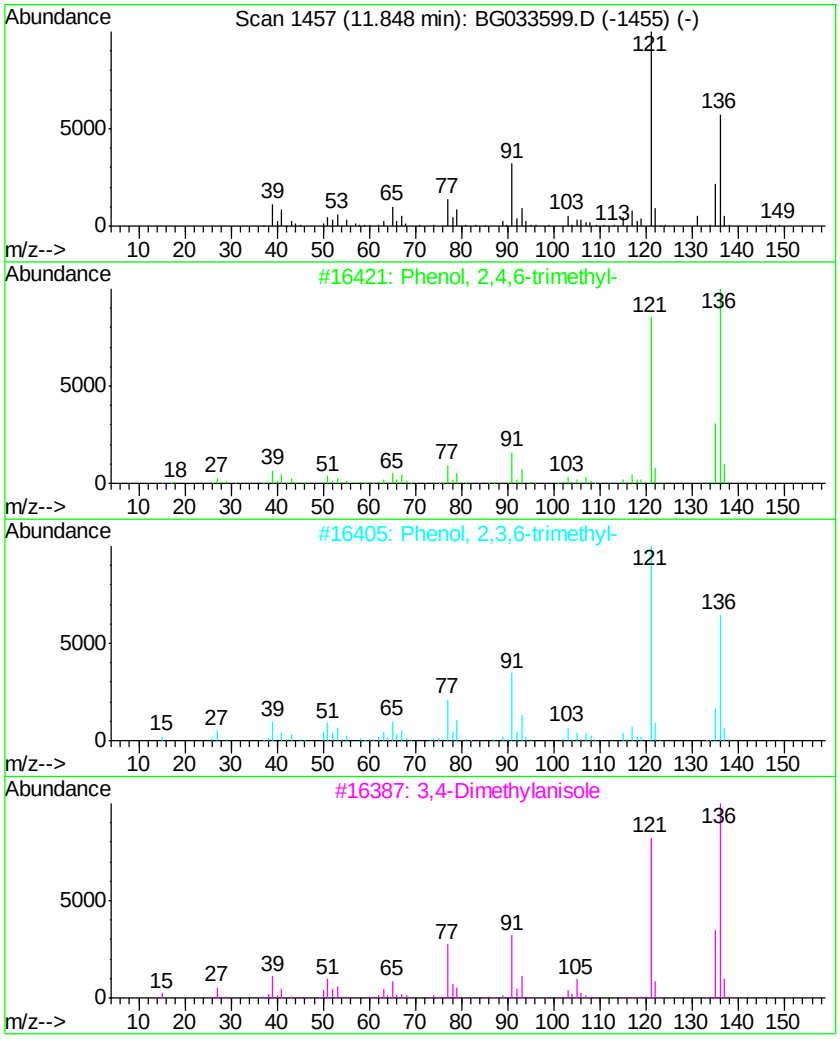
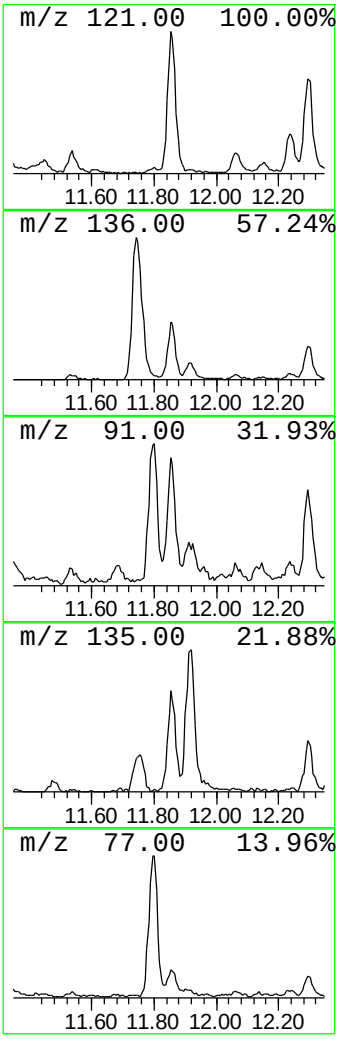
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	25.72 ng	489338	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
3	3,4-Dimethylanisole	136	C9H12O	004685-47-6	90
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90





Library Search Compound Report

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Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

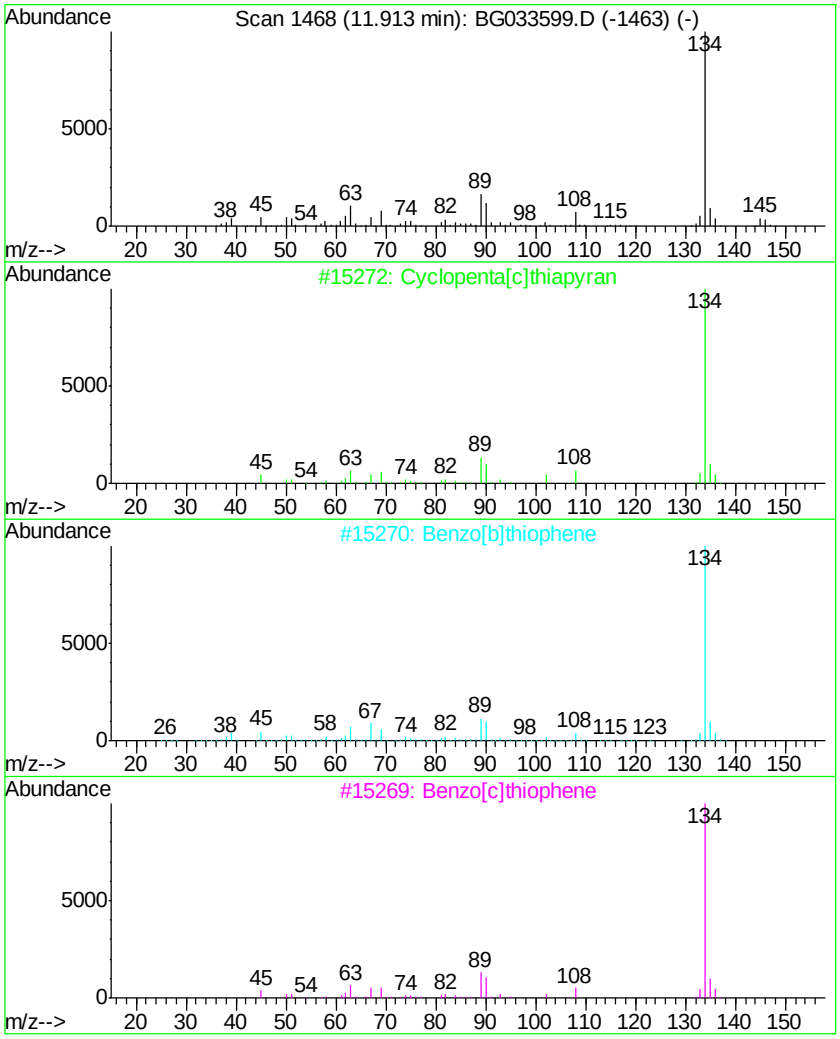
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

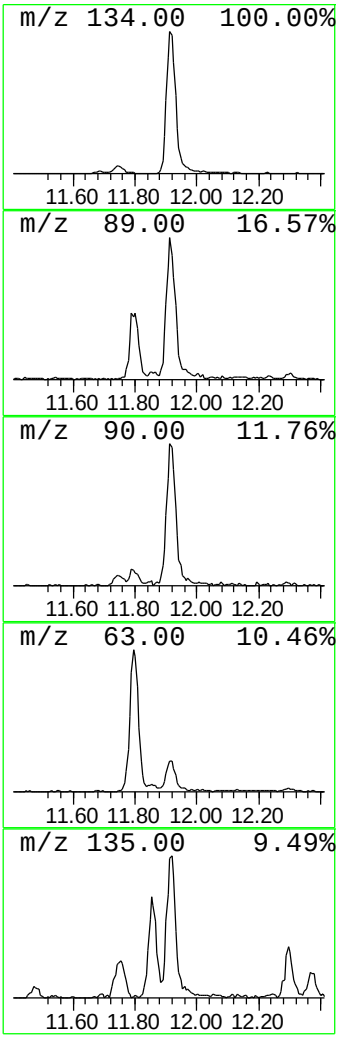
****

Peak Number 10 Cyclopenta[c]thiapyran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	58.80 ng	1118690	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
4	s-Triazolo[1,5-a]pyridine, 6-amino-	134	C6H6N4	031052-94-5	40
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	38





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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

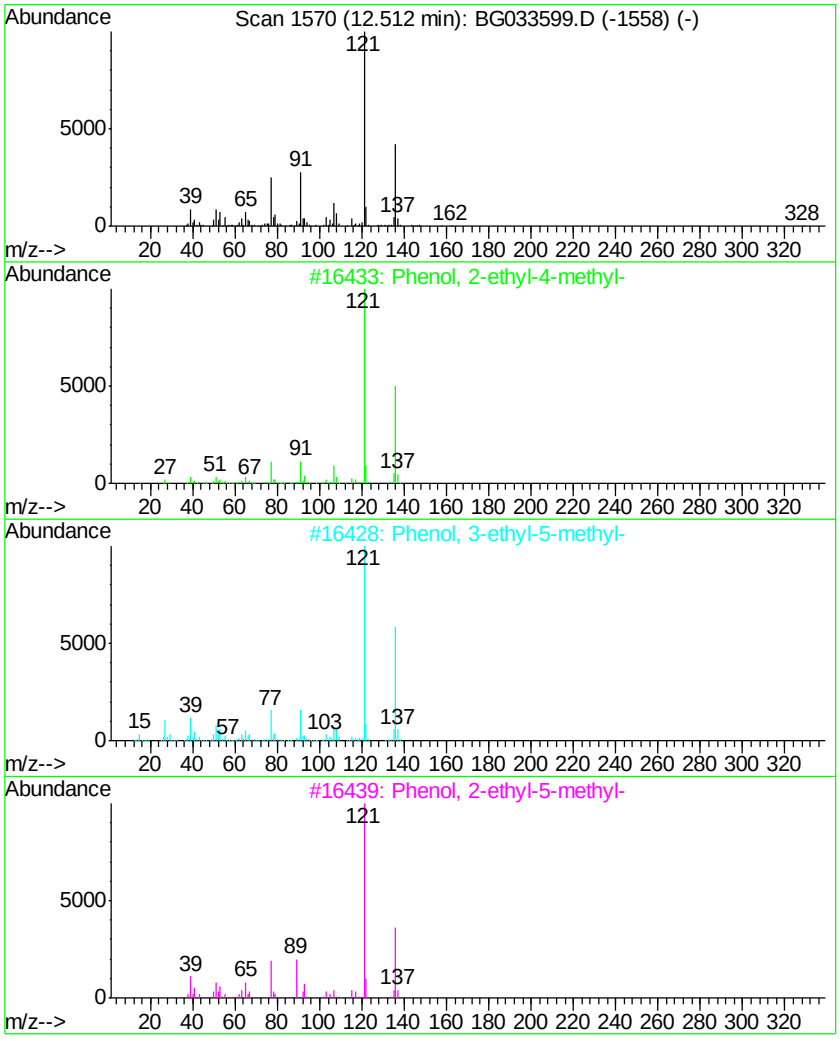
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

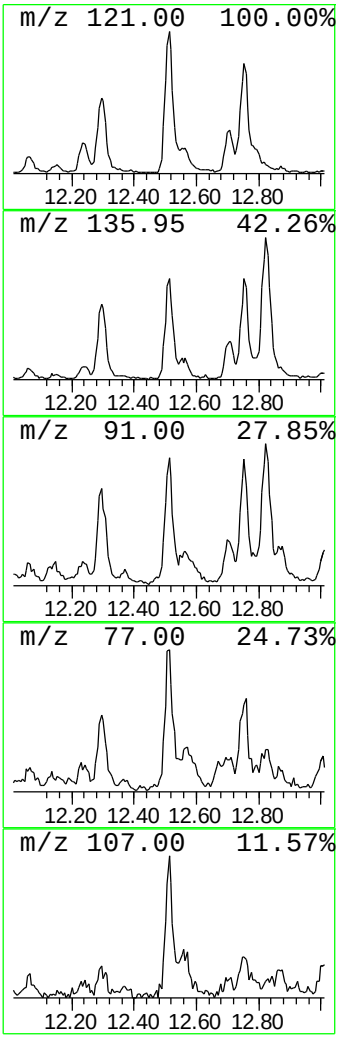
****

Peak Number 11 Phenol, 2-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	25.38 ng	482928	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	91





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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

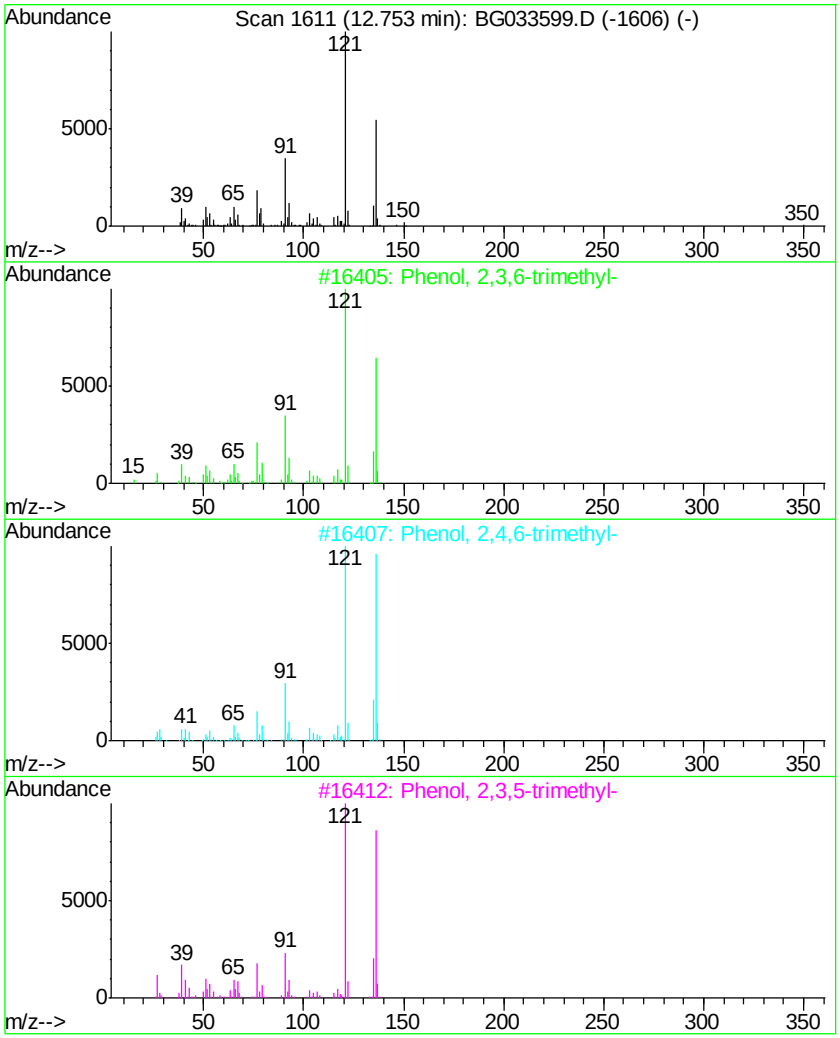
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

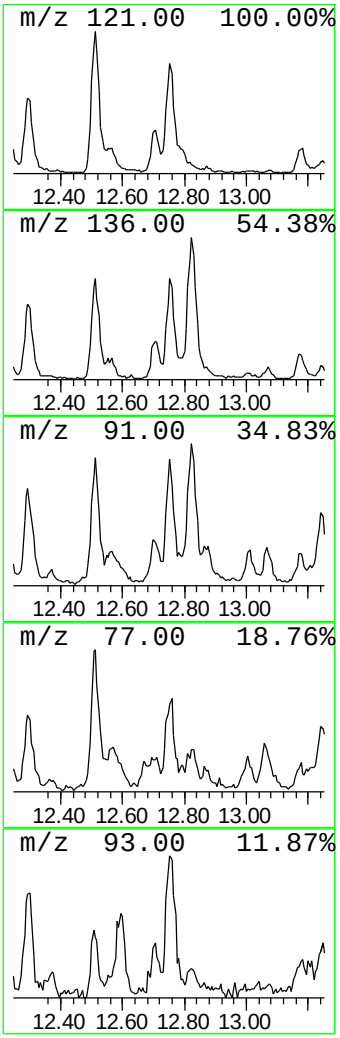
****

Peak Number 12 Phenol, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	21.07 ng	400786	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	91
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91





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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

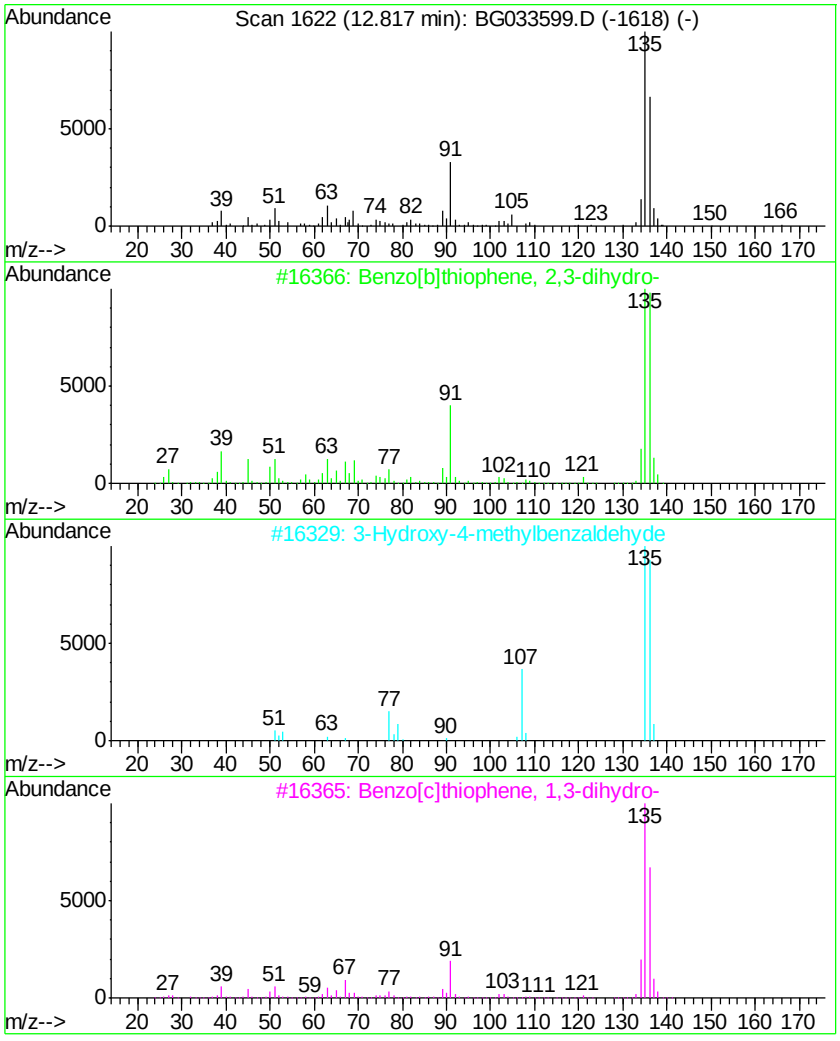
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

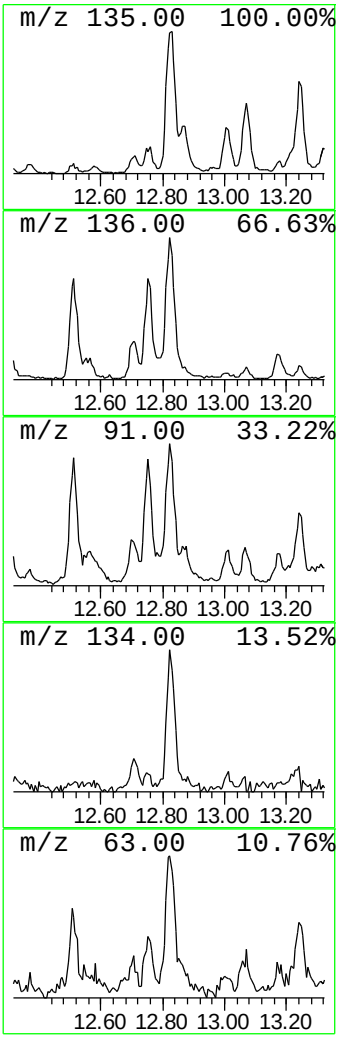
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	24.31 ng	462504	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	72
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	72
5	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	64





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ClientSampleId : QNWP8-MW27S-GW

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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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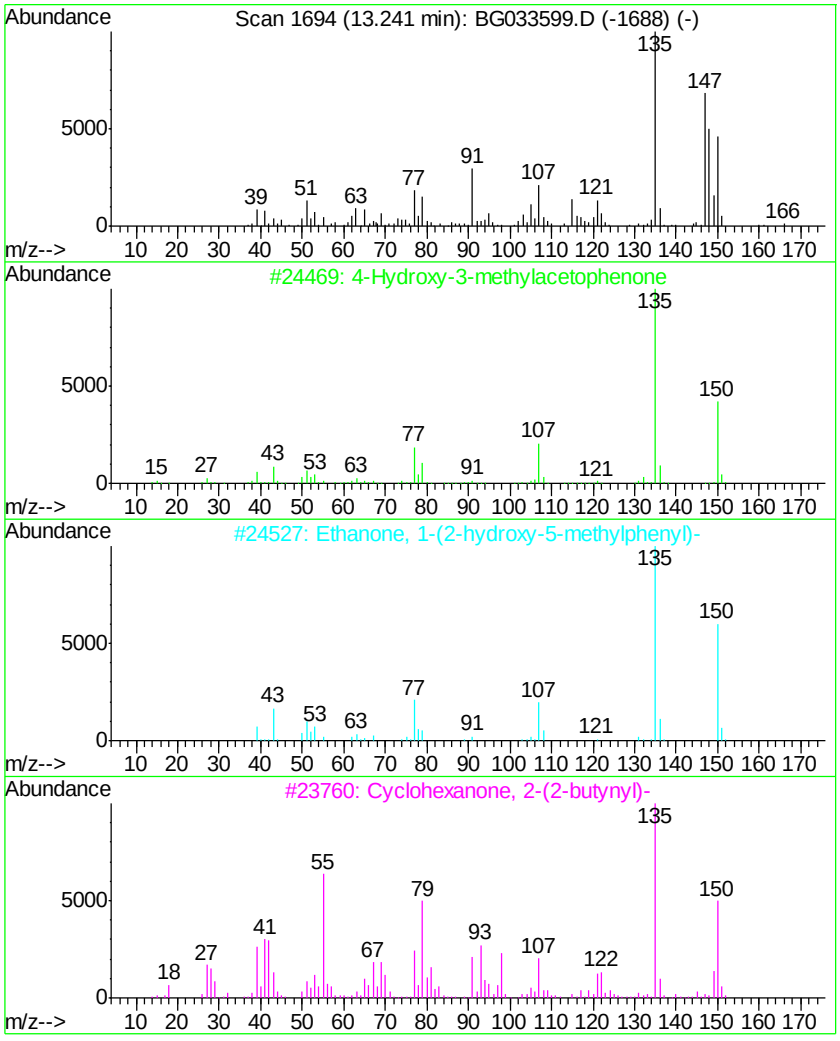
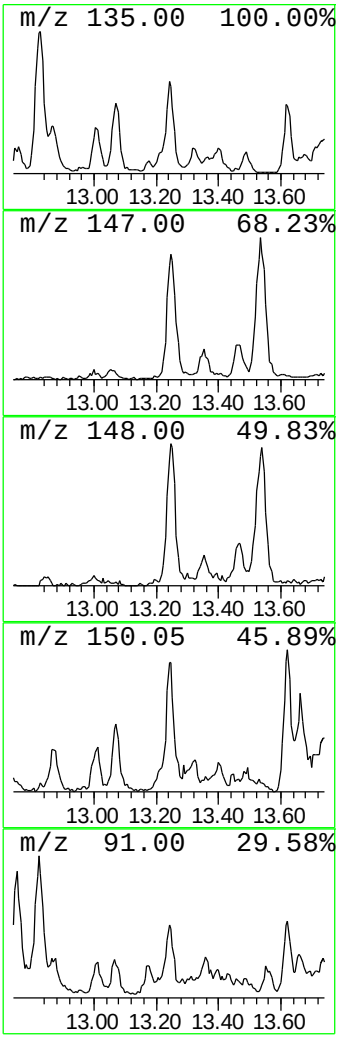
Peak Number 14 4-Hydroxy-3-methylacetophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	17.52 ng	333319	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	90
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	87
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	64
4	Thymol	150	C10H14O	000089-83-8	53
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	49





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

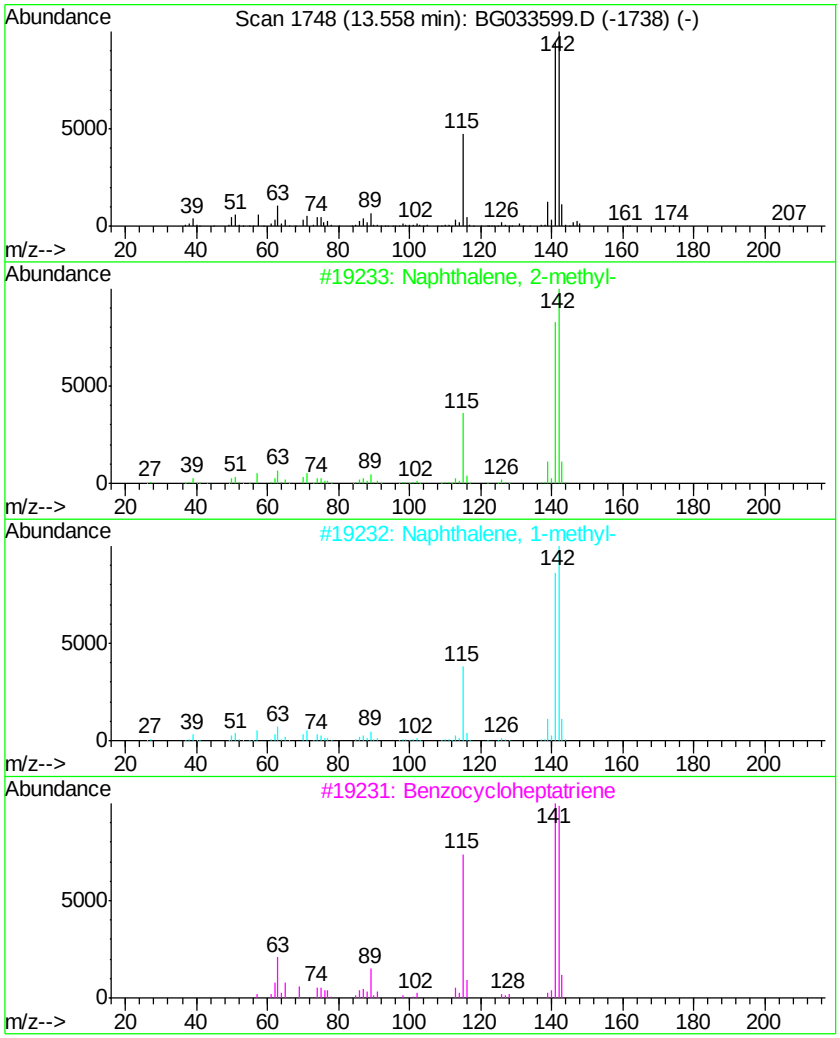
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

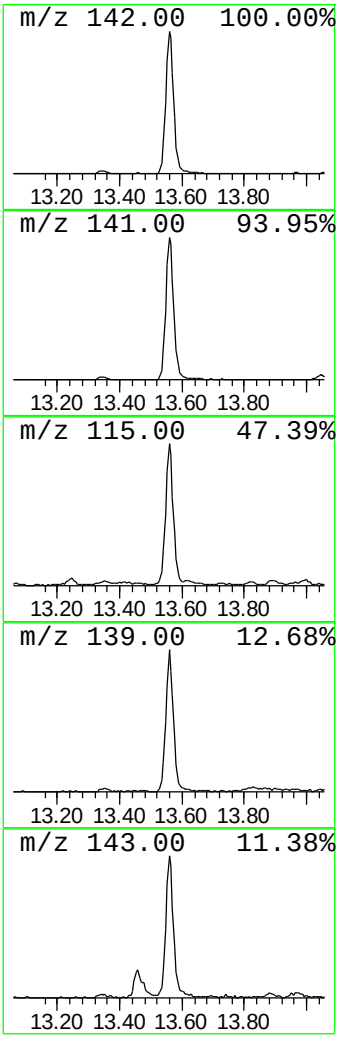
****

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	74.91 ng	1425240	Naphthalene-d8	11.74

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	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





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Operator : SJ/JU
Sample : J2216-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

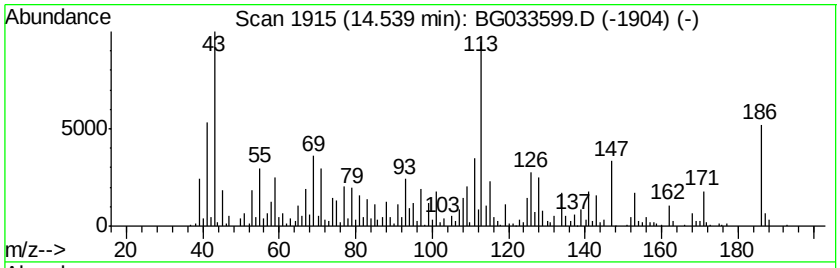
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

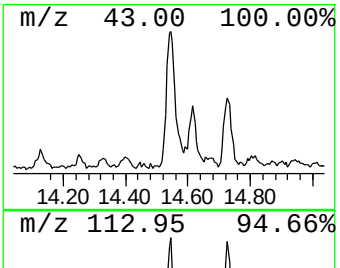
****

Peak Number 16 unknown14.54 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	20.68 ng	722541	Acenaphthene-d10	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	38
2	3,5-Heptanedione, 2,6-dimethyl-	156	C9H16O2	018362-64-6	35
3	Cyclohexanone, 2-ethyl-, oxime	141	C8H15NO	086823-11-2	27
4	5-Ethylthiazole	113	C5H7NS	017626-73-2	25
5	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	25





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

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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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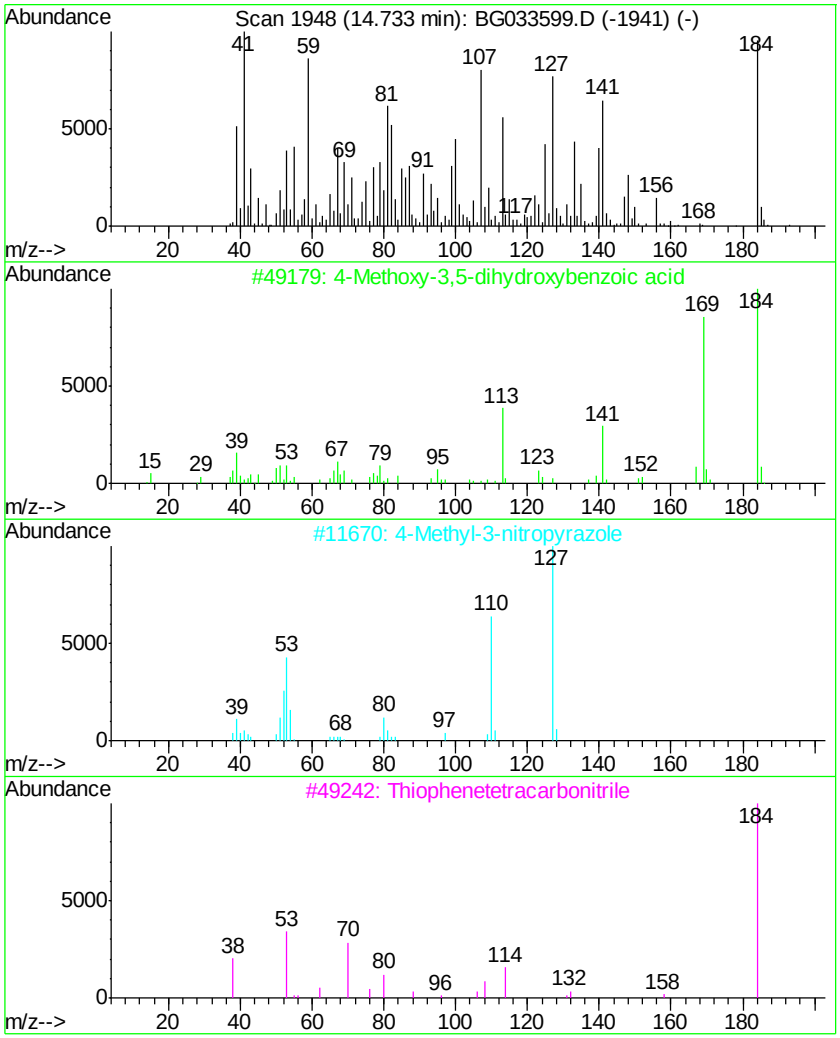
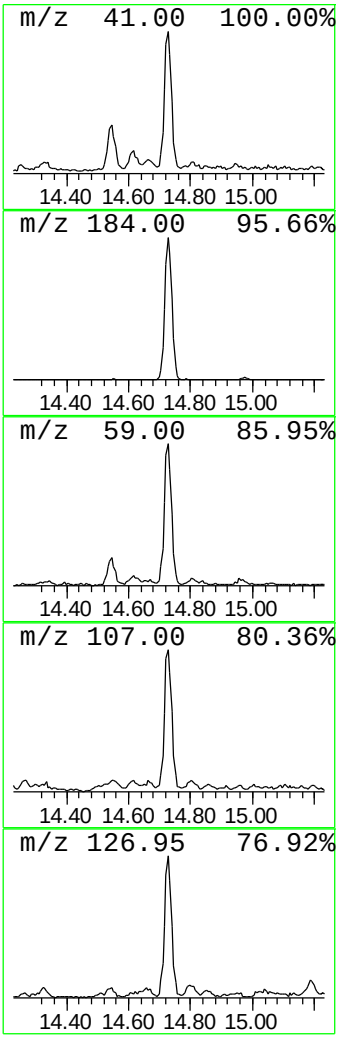
Peak Number 17 unknown14.73 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	38.56 ng	1347590	Acenaphthene-d10	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-3,5-dihydroxybenzoic acid	184	C8H8O5	004319-02-2	35
2	4-Methyl-3-nitropyrazole	127	C4H5N3O2	038858-90-1	22
3	Thiophenetetracarbonitrile	184	C8N4S	004506-96-1	22
4	2-(2-Thienyl)ethylamine	127	C6H9NS	030433-91-1	22
5	Phenol, 2,4-dinitro-	184	C6H4N2O5	000051-28-5	16





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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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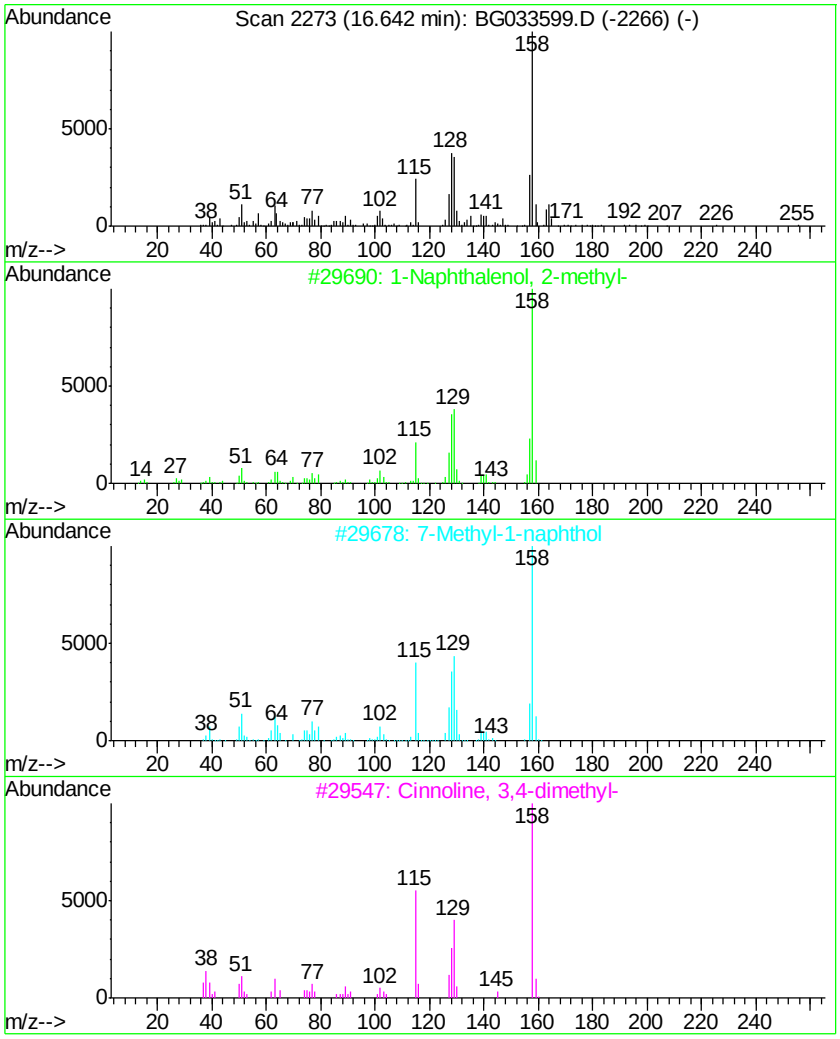
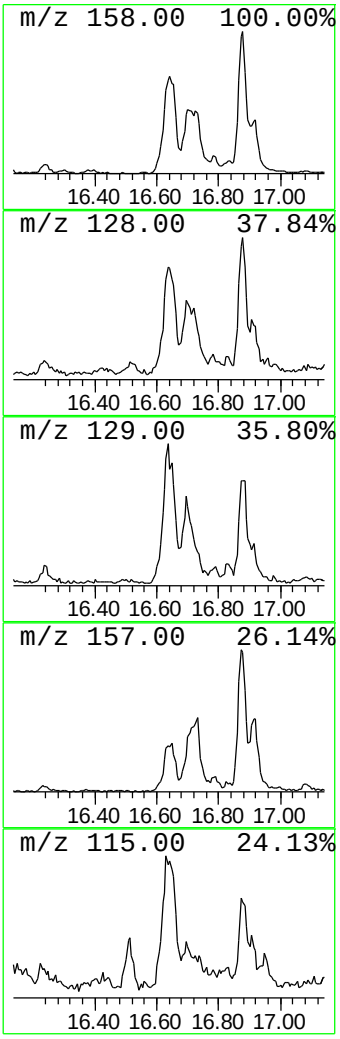
Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	18.39 ng	642535	Acenaphthene-d10	15.48

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	89
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	62
4	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	58
5	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	49





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Sample : J2216-03
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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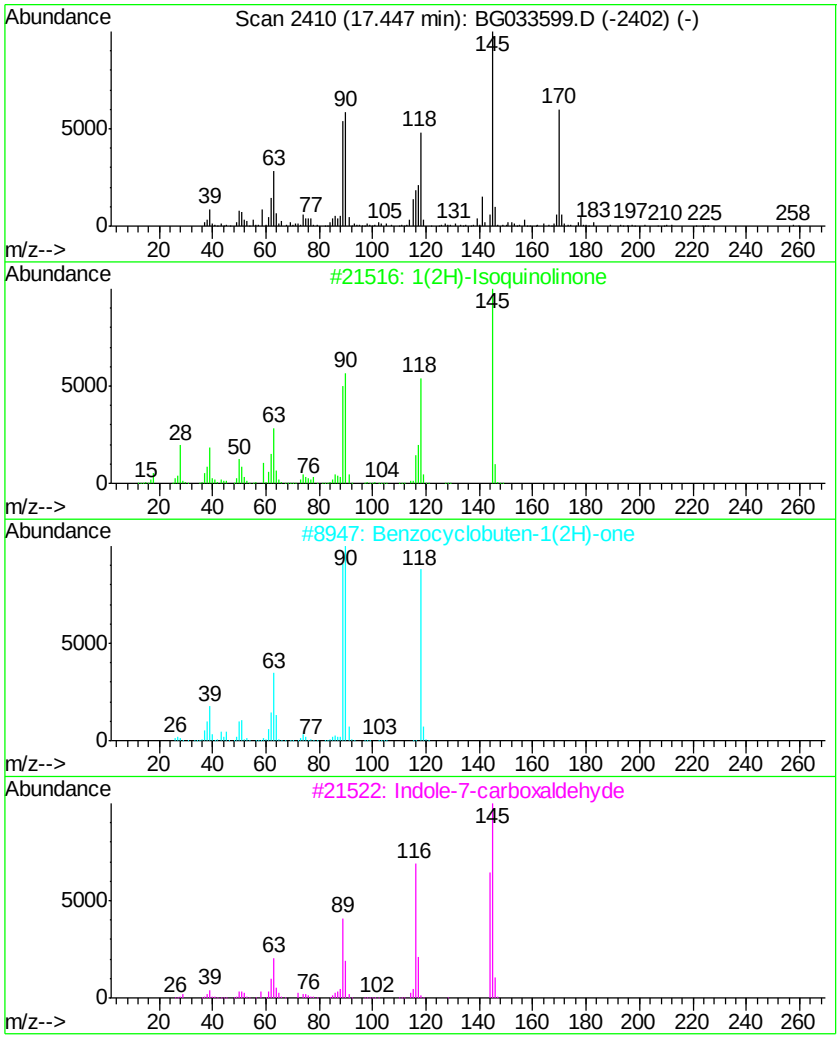
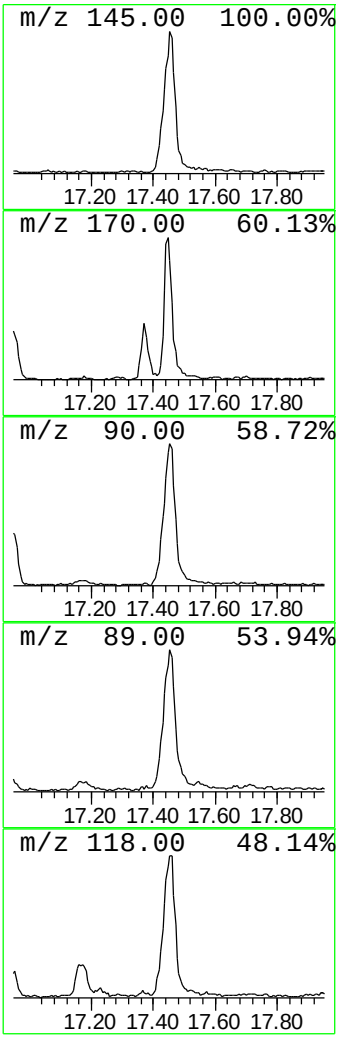
Peak Number 19 1(2H)-Isoquinolinone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	28.27 ng	1108980	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	96
2	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	60
3	Indole-7-carboxaldehyde	145	C9H7NO	001074-88-0	60
4	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	52
5	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	49





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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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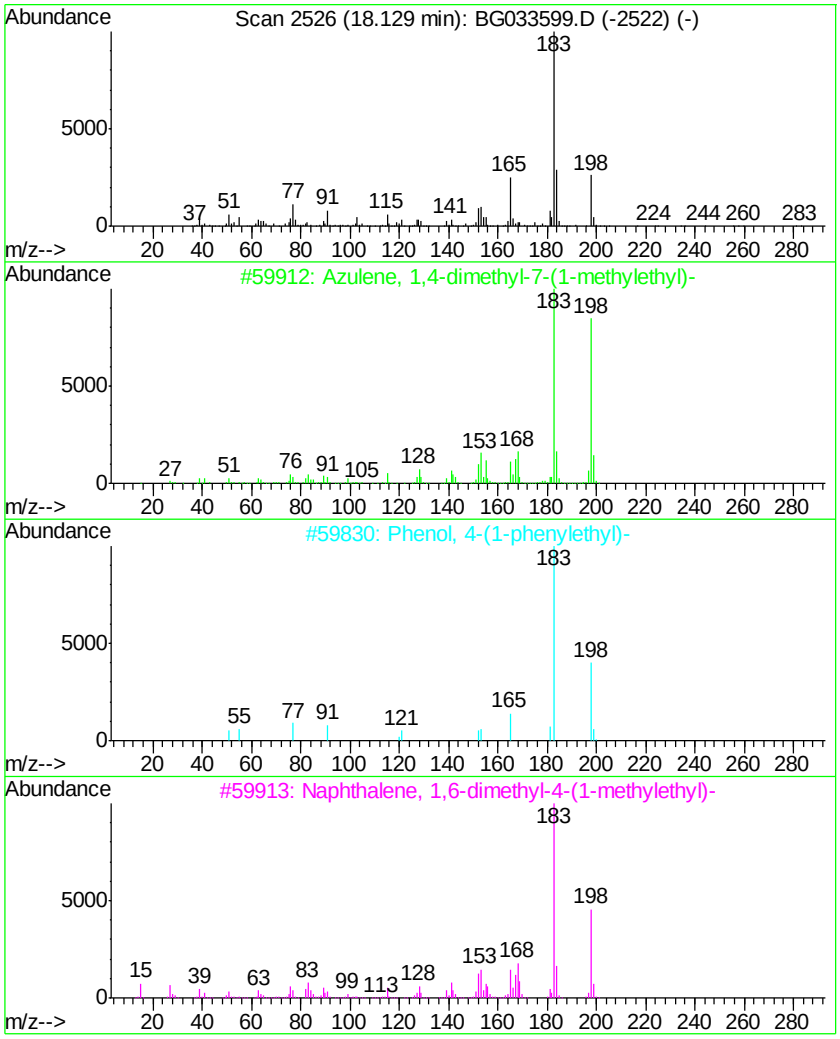
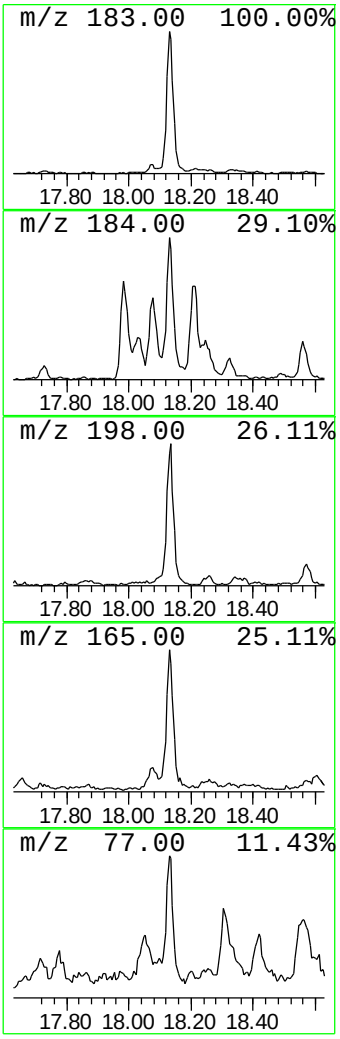
Peak Number 20 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	19.14 ng	750941	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	80
2	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	72
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	72
4	Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	50
5	Methyl 5-tert-butylthiophene-2-c...	198	C10H14O2S	229003-19-4	47





Tentatively Identified Compound (LSC) summary

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Data File : BG033599.D
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Misc :
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ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
unknown8.37	8.37	76.2	ng	1047600	1	8.86	274991	20.0
Indane	9.25	172.0	ng	2364830	1	8.86	274991	20.0
Benzene, 1-propynyl-	9.42	43.6	ng	599705	1	8.86	274991	20.0
Benzofuran, 2-met...	10.25	57.6	ng	792330	1	8.86	274991	20.0
Phenol, 2,4,6-tri...	11.85	25.7	ng	489338	2	11.74	380501	20.0
Cyclopenta[c]thia...	11.91	58.8	ng	1118690	2	11.74	380501	20.0
Phenol, 2-ethyl-4...	12.51	25.4	ng	482928	2	11.74	380501	20.0
Phenol, 2,3,6-tri...	12.75	21.1	ng	400786	2	11.74	380501	20.0
Benzo[b]thiophene...	12.82	24.3	ng	462504	2	11.74	380501	20.0
4-Hydroxy-3-methy...	13.24	17.5	ng	333319	2	11.74	380501	20.0
Naphthalene, 1-me...	13.56	74.9	ng	1425240	2	11.74	380501	20.0
unknown14.54	14.54	20.7	ng	722541	3	15.48	698953	20.0
unknown14.73	14.73	38.6	ng	1347590	3	15.48	698953	20.0
1-Naphthalenol, 2...	16.64	18.4	ng	642535	3	15.48	698953	20.0
1(2H)-Isoquinolinone	17.45	28.3	ng	1108980	4	18.21	784484	20.0
Azulene, 1,4-dime...	18.13	19.1	ng	750941	4	18.21	784484	20.0