LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

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_F\METHODS\8270-BF113017.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	5.322	546	550	554	rBV	155260	136322	1.78%	0.220%
2	5.463	570	574	584	rVB	215466	219590	2.87%	0.354%
3	6.369	725	728	731	rBV	141195	118878	1.55%	0.192%
4	6.475	743	746	751	rBV	242352	209812	2.74%	0.338%
5	6.616	767	770	773	rVB	289003	226568	2.96%	0.365%
6	6.669	776	779	783	rBV2	121849	128909	1.68%	0.208%
7	6.845	806	809	812	rBV	305342	266466	3.48%	0.429%
8	7.004	831	836	837	rBV	204273	174377	2.28%	0.281%
9	7.028	837	840	843	rVB	581901	450652	5.89%	0.726%
10	7.104	848	853	858	rVV2	109669	148847	1.94%	0.240%
11	7.410	902	905	908	rBV	167684	136343	1.78%	0.220%
12	7.875	980	984	988	rBV3	141971	199497	2.61%	0.321%
13	7.916	988	991	995	rVB	115562	159372	2.08%	0.257%
14	8.181	1025	1036	1038	rVV	4575013	7656676	100.00%	12.337%
15	8.210	1038	1041	1048	rVB	192910	143650	1.88%	0.231%
16	8.851	1145	1150	1153	rBV	2300536	2458696	32.11%	3.962%
17	8.951	1161	1167	1170	rBV	1871114	1636854	21.38%	2.638%
18	9.204	1206	1210	1213	rVB	316977	242188	3.16%	0.390%
19	9.310	1224	1228	1231	rVB	1023886	864727	11.29%	1.393%
20	9.404	1237	1244	1249	rVB	1291068	1162616	15.18%	1.873%
21	9.475	1249	1256	1259	rBV	480787	618977	8.08%	0.997%
22	9.504	1259	1261	1264	rVV	155956	119541	1.56%	0.193%
23	9.545	1264	1268	1271	rVV	688574	733420	9.58%	1.182%
24	9.575	1271	1273	1275	rVV	412200	319146	4.17%	0.514%
25	9.610	1275	1279	1284	rVV2	102107	149734	1.96%	0.241%
26	9.663	1284	1288	1296	rVB	363670	363211	4.74%	0.585%
27	9.751	1300	1303	1306	rVB2	639708	560484	7.32%	0.903%
28	9.875	1320	1324	1325	rBV	331231	287223	3.75%	0.463%
29	9.892	1325	1327	1329	rVV	341548	314128	4.10%	0.506%
30	9.934	1329	1334	1337	rVV	3033387	3853266	50.33%	6.209%
31	9.986	1340	1343	1348	rVB	138440	161061	2.10%	0.260%
32	10.092	1356	1361	1364	rVB2	318575	342072	4.47%	0.551%
33	10.128	1364	1367	1371	rVB	179883	139665	1.82%	0.225%
34	10.198	1375	1379	1382	rBV2	216180	251072	3.28%	0.405%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

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_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.292	1390	1395	1397	rBV3	99112	151923	1.98%	0.245%
36	10.339	1400	1403	1406	rBV	320657	268872	3.51%	0.433%
37	10.410	1412	1415	1417	rBV	177987	134063	1.75%	0.216%
38	10.445	1417	1421	1425	rVB	1632565	1596983	20.86%	2.573%
39	10.486	1425	1428	1432	rBV3	92220	152952	2.00%	0.246%
40	10.522	1432	1434	1436	rVV3	129967	116233	1.52%	0.187%
41	10.545	1436	1438	1441	rVV	286474	266562	3.48%	0.430%
42	10.592	1444	1446	1448	rVV	122506	117214	1.53%	0.189%
43	10.616	1448	1450	1453	rVB	167295	166691	2.18%	0.269%
44	10.663	1453	1458	1464	rBV3	379632	546946	7.14%	0.881%
45	10.798	1475	1481	1484	rBV2	106413	124152	1.62%	0.200%
46	10.980	1508	1512	1515	rBV	232278	286381	3.74%	0.461%
47	11.069	1524	1527	1530	rVB2	124152	108307	1.41%	0.175%
48	11.275	1557	1562	1567	rVB	531296	526677	6.88%	0.849%
49	11.428	1576	1588	1590	rBV	3690997	5693533	74.36%	9.174%
50	11.463	1590	1594	1597	rBV	1387994	1183487	15.46%	1.907%
51	11.669	1626	1629	1632	rVB	279228	222256	2.90%	0.358%
52	11.710	1632	1636	1642	rVV2	152536	158653	2.07%	0.256%
53	11.880	1661	1665	1667	rBV	678802	559974	7.31%	0.902%
54	11.910	1667	1670	1673	rVV	754434	601930	7.86%	0.970%
55	11.957	1674	1678	1681	rBV	283044	250784	3.28%	0.404%
56	11.998	1681	1685	1691	rVB2	1104339	1424503	18.60%	2.295%
57	12.175	1711	1715	1718	rVB	644432	527784	6.89%	0.850%
58	12.322	1735	1740	1743	rBV3	100843	110969	1.45%	0.179%
59	12.427	1752	1758	1761	rBV	278764	300997	3.93%	0.485%
60	12.469	1761	1765	1767	rVV2	144928	191452	2.50%	0.308%
61	12.486	1767	1768	1771	rVV	164943	119564	1.56%	0.193%
62	12.604	1783	1788	1791	rBV	2160966	2573078	33.61%	4.146%
63	12.633	1791	1793	1796	rVV2	146868	138498	1.81%	0.223%
64	12.692	1799	1803	1807	rVV	874912	807759	10.55%	1.302%
65	12.769	1814	1816	1821	rVB	130761	124976	1.63%	0.201%
66	12.845	1821	1829	1832	rBV	2635747	3490397	45.59%	5.624%
67	12.957	1846	1848	1851	rVB	206262	153079	2.00%	0.247%
68	13.045	1858	1863	1867	rVB2	169013	224310	2.93%	0.361%
69	13.151	1878	1881	1884	rVB	474611	480634	6.28%	0.774%
70	13.216	1889	1892	1896	rVV	439026	442809	5.78%	0.714%
71	13.257	1896	1899	1901	rVV	329554	295980	3.87%	0.477%

LSC Area Percent Report

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Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

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_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.322	1906	1910	1913	rVV	367353	398508	5.20%	0.642%
73	13.351	1913	1915	1917	rVV	251081	221079	2.89%	0.356%
74	13.380	1917	1920	1926	rVB	347804	348279	4.55%	0.561%
75	13.492	1935	1939	1942	rVB	994221	796640	10.40%	1.284%
76	13.633	1959	1963	1966	rBV2	57392	94513	1.23%	0.152%
77	13.774	1984	1987	1989	rVV	132547	145209	1.90%	0.234%
78	13.798	1989	1991	1993	rVV	316947	257199	3.36%	0.414%
79	13.827	1993	1996	1998	rVV	324130	294443	3.85%	0.474%
80	14.021	2024	2029	2032	rBV2	1664150	2060344	26.91%	3.320%
81	14.057	2032	2035	2038	rVB	1048458	917793	11.99%	1.479%
82	14.133	2045	2048	2052	rBV2	149108	148715	1.94%	0.240%
83	14.410	2090	2095	2098	rVV2	237782	308903	4.03%	0.498%
84	14.439	2098	2100	2104	rVV	102969	98021	1.28%	0.158%
85	14.492	2104	2109	2110	rVV2	116262	155008	2.02%	0.250%
86	14.504	2110	2111	2114	rVV	152432	123403	1.61%	0.199%
87	14.533	2114	2116	2118	rVV2	145749	146214	1.91%	0.236%
88	14.557	2118	2120	2126	rVV2	274294	352981	4.61%	0.569%
89	14.604	2126	2128	2131	rVB	113435	97418	1.27%	0.157%
90	15.074	2202	2208	2219	rVB	616296	1407093	18.38%	2.267%
91	15.180	2221	2226	2231	rVB	253099	294266	3.84%	0.474%
92	15.380	2255	2260	2266	rVB	490674	638786	8.34%	1.029%
93	15.451	2266	2272	2275	rBV	866949	1165405	15.22%	1.878%
94	15.504	2275	2281	2283	rVV	237256	341747	4.46%	0.551%
95	15.533	2283	2286	2291	rVB	181769	226271	2.96%	0.365%
96	15.863	2338	2342	2350	rBV2	46190	96913	1.27%	0.156%
97	16.068	2373	2377	2386	rVB3	113402	170796	2.23%	0.275%
98	16.986	2525	2533	2541	rBV	248529	492707	6.43%	0.794%
99	17.439	2603	2610	2619	rBV	200670	428357	5.59%	0.690%
100	17.680	2645	2651	2663	rVB	103113	238015	3.11%	0.384%

Sum of corrected areas: 62060428

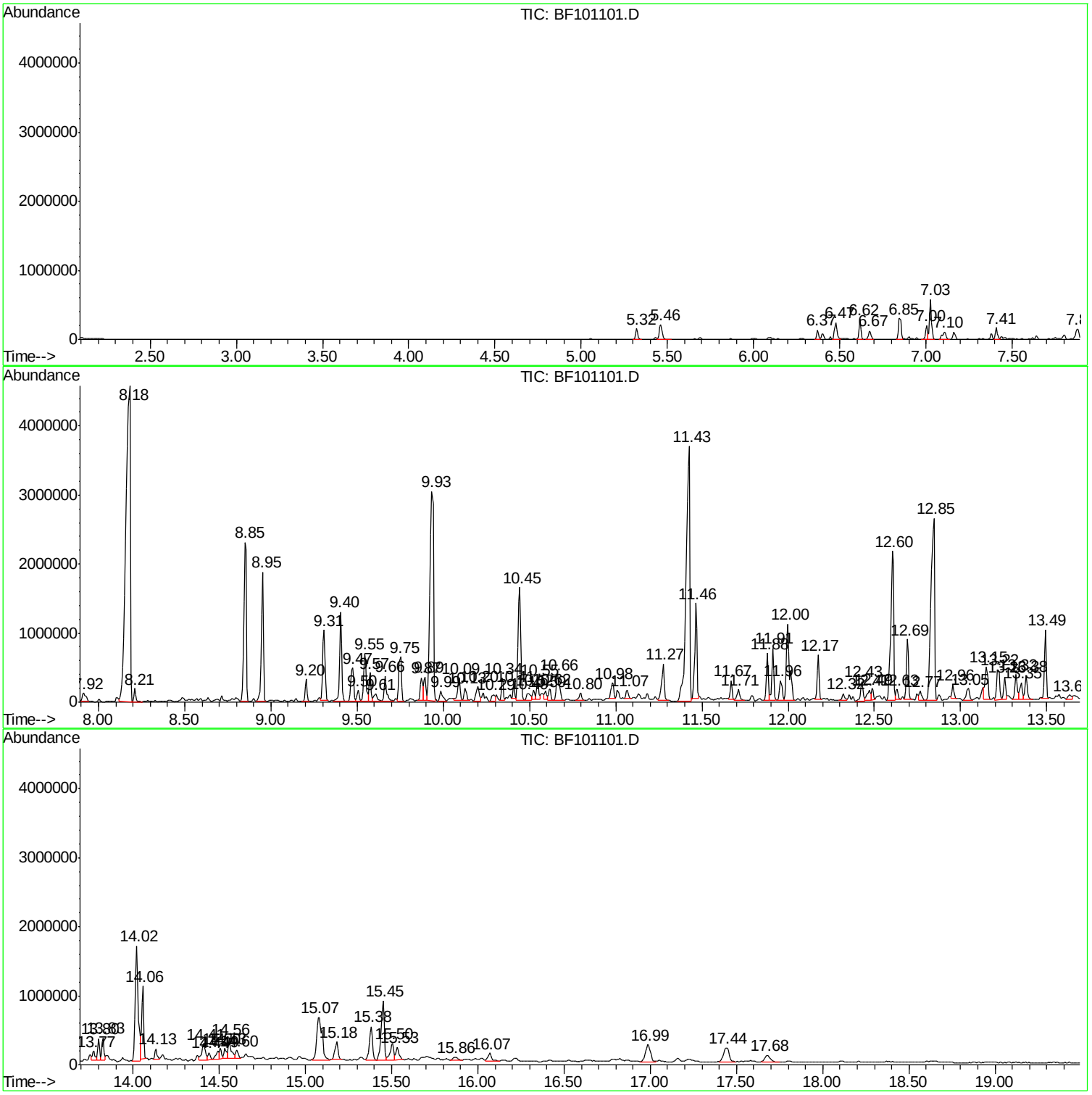
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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 F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

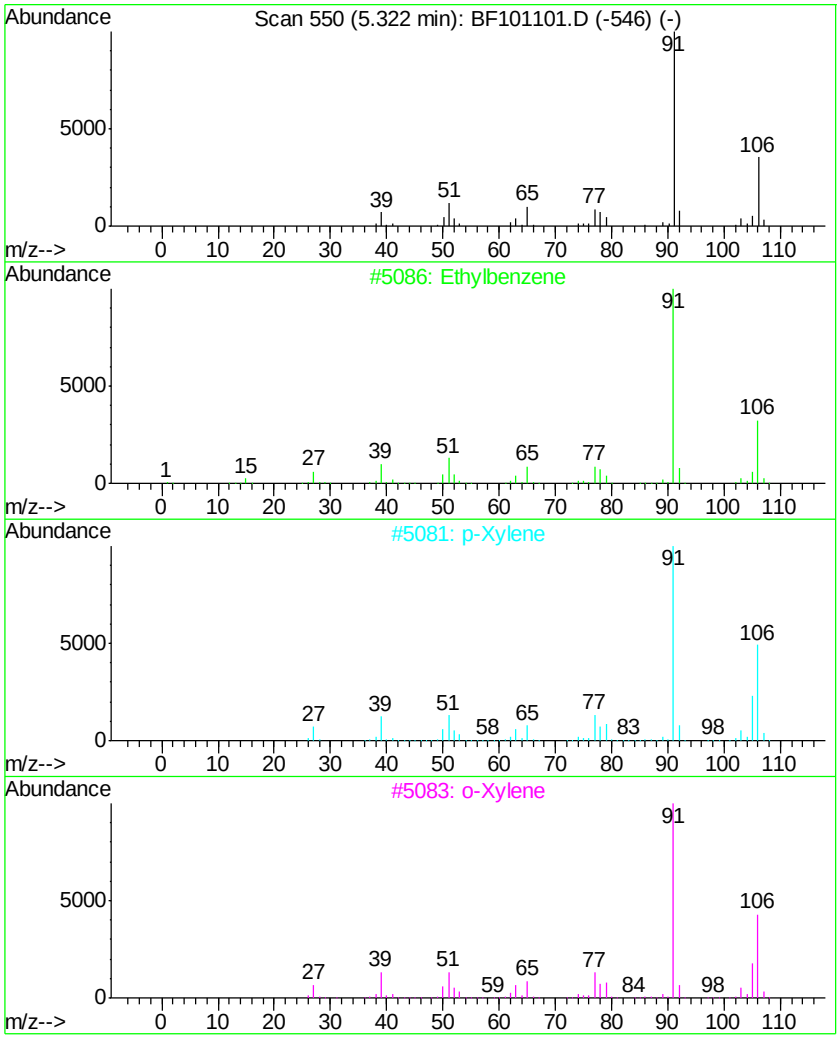
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

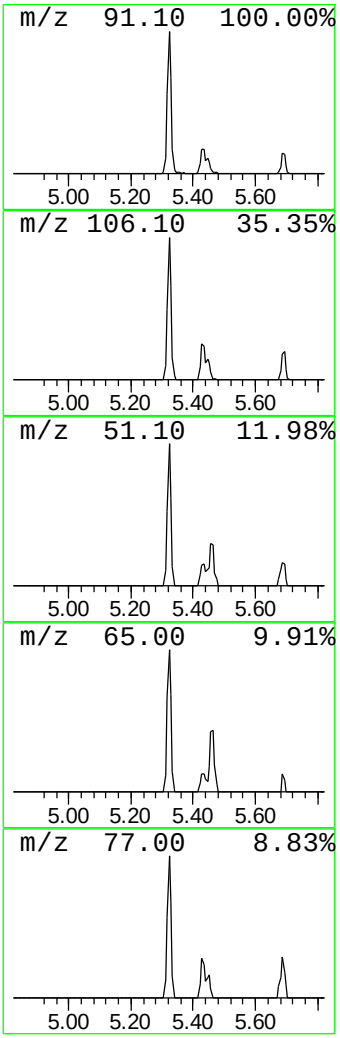
****

Peak Number 1 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	10.23 ng	136322	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	83
3	o-Xylene	106	C8H10	000095-47-6	80
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	70
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

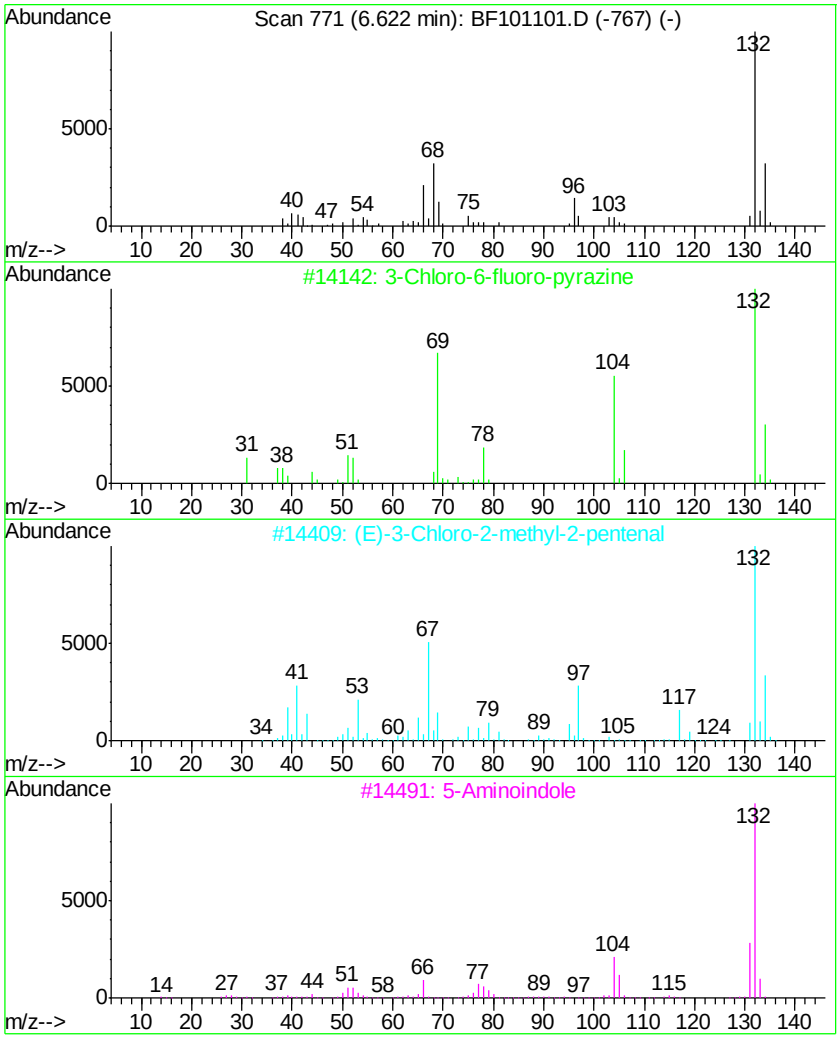
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

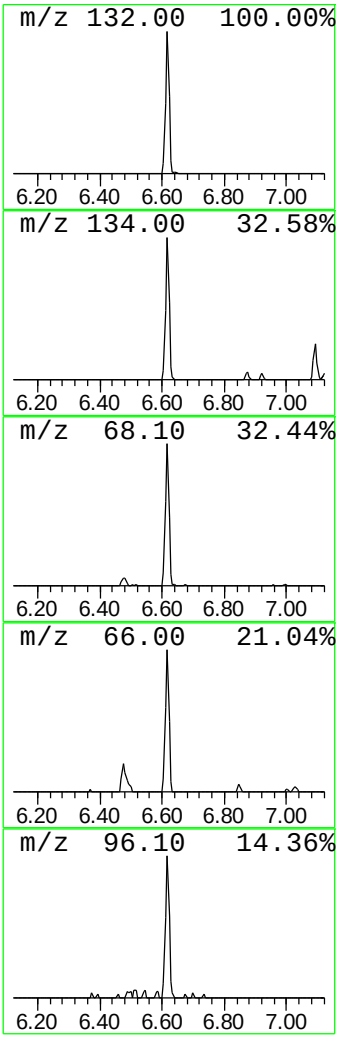
****

Peak Number 2 unknown6.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	17.01 ng	226568	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
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Operator : SJ/JU
Sample : I6696-03 5X
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

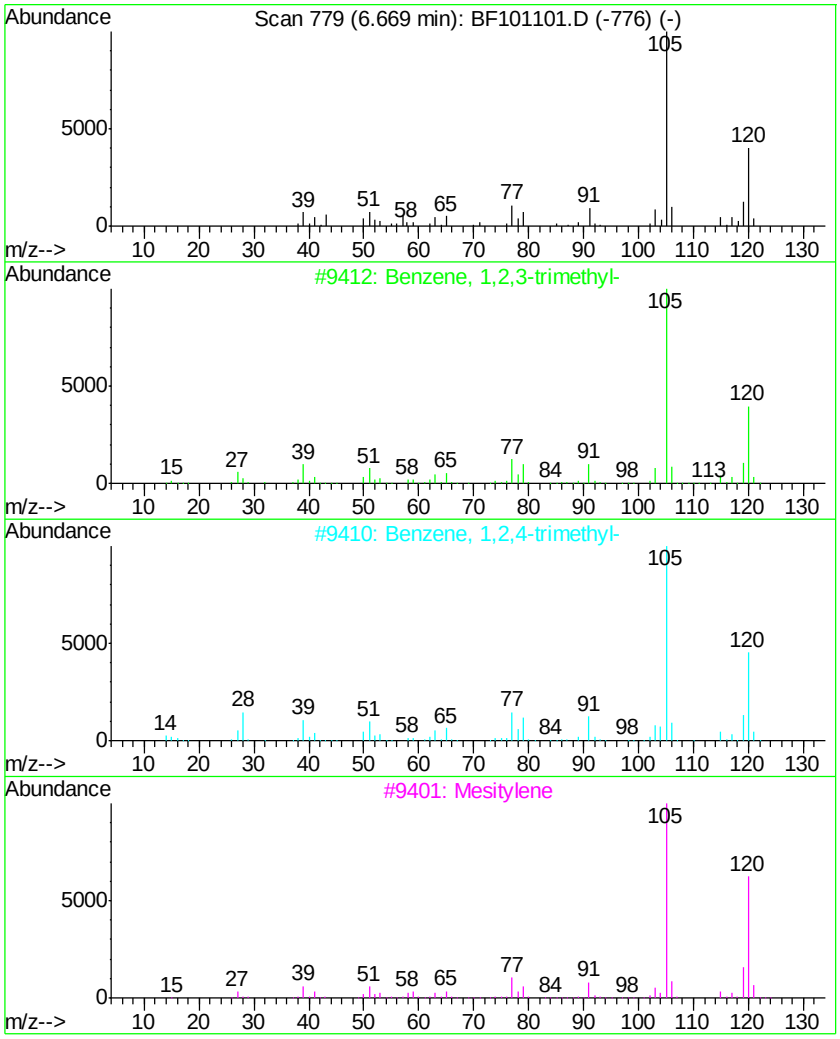
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

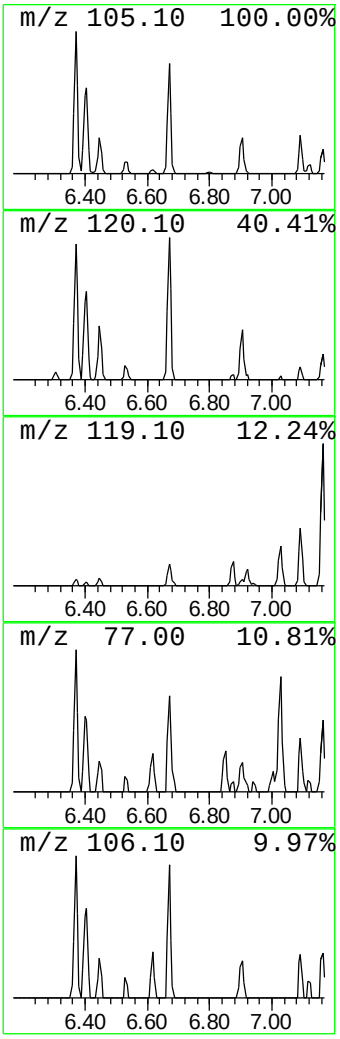
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	9.68 ng	128909	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

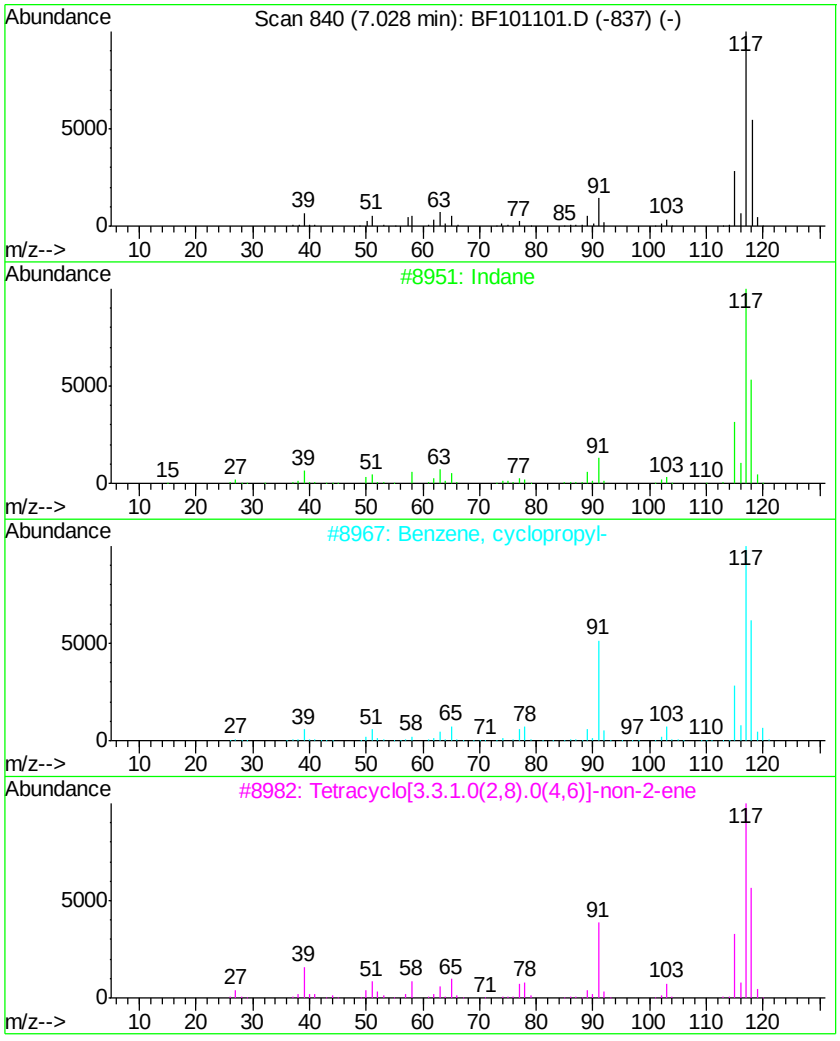
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

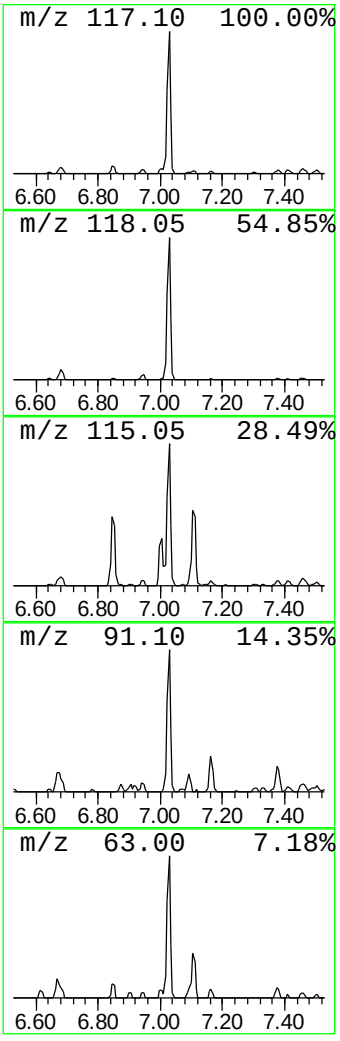
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	33.82 ng	450652	1,4-Dichlorobenzene-d4	6.85

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	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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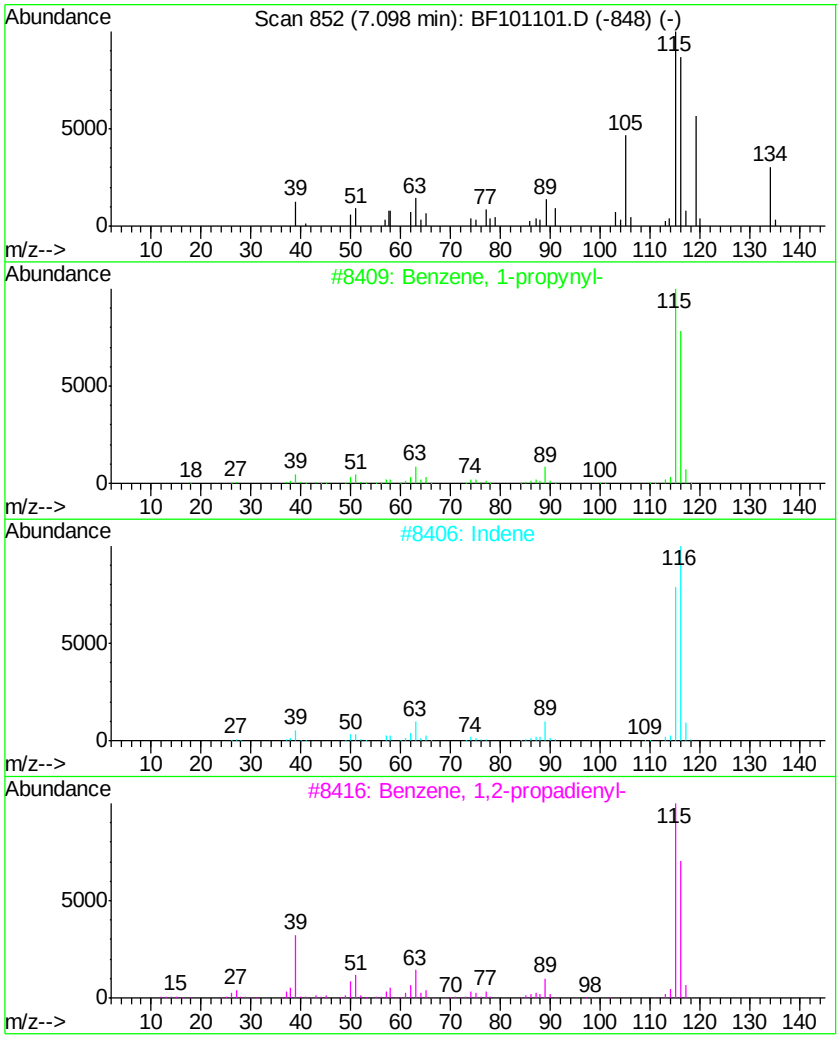
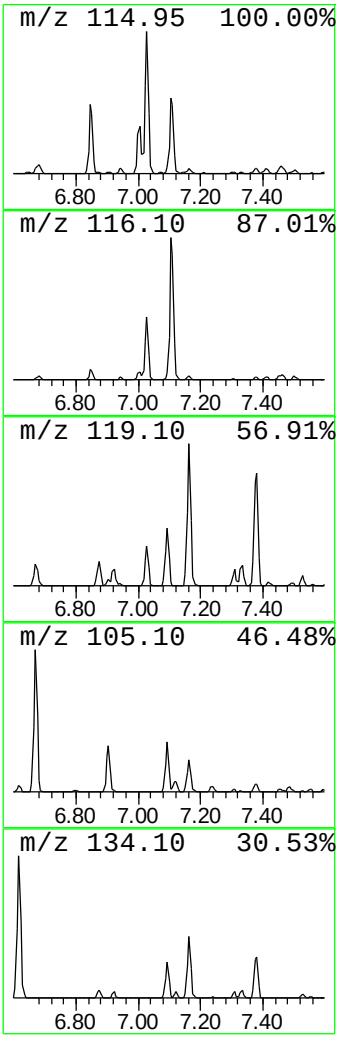
Peak Number 6 Benzene, 1-propynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	11.17 ng	148847	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

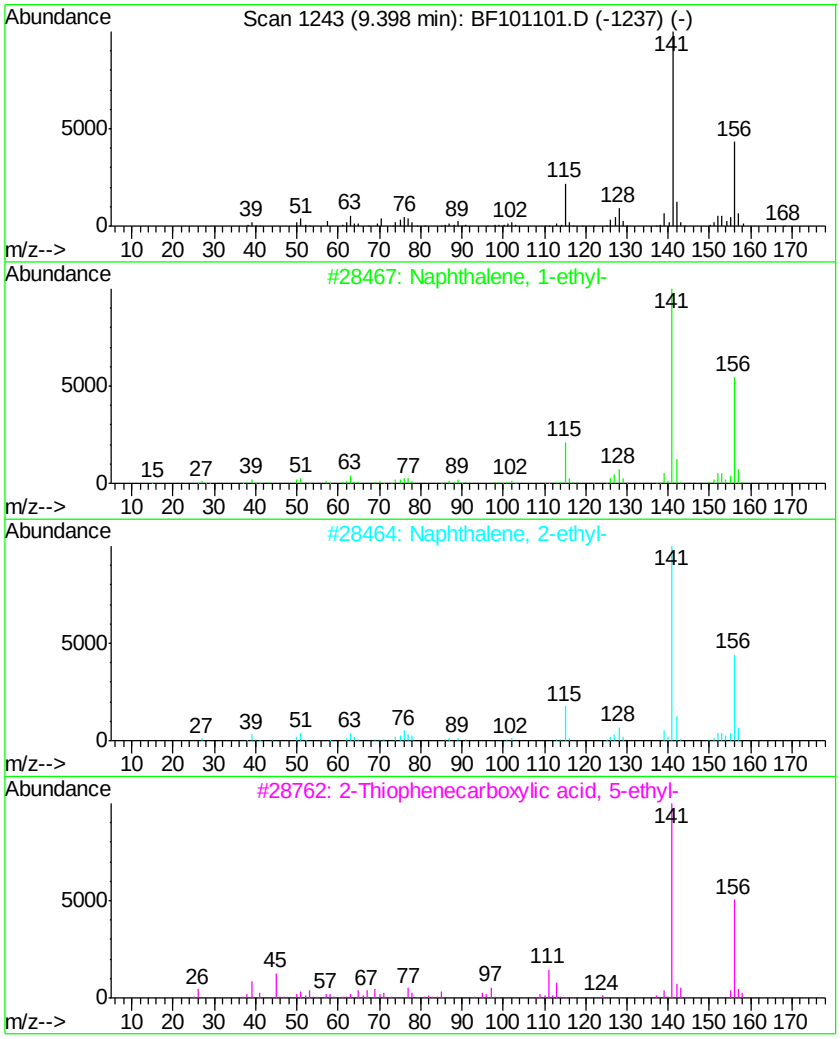
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

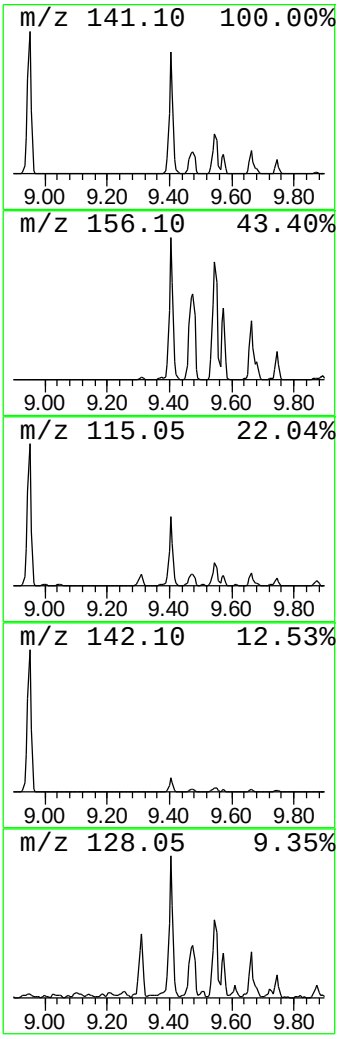
****

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	74.02 ng	1162620	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49
5	1-Ethanone, 1-[4-(1-naphthalenyl...	276	C19H16O2	1000338-30-5	47





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Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

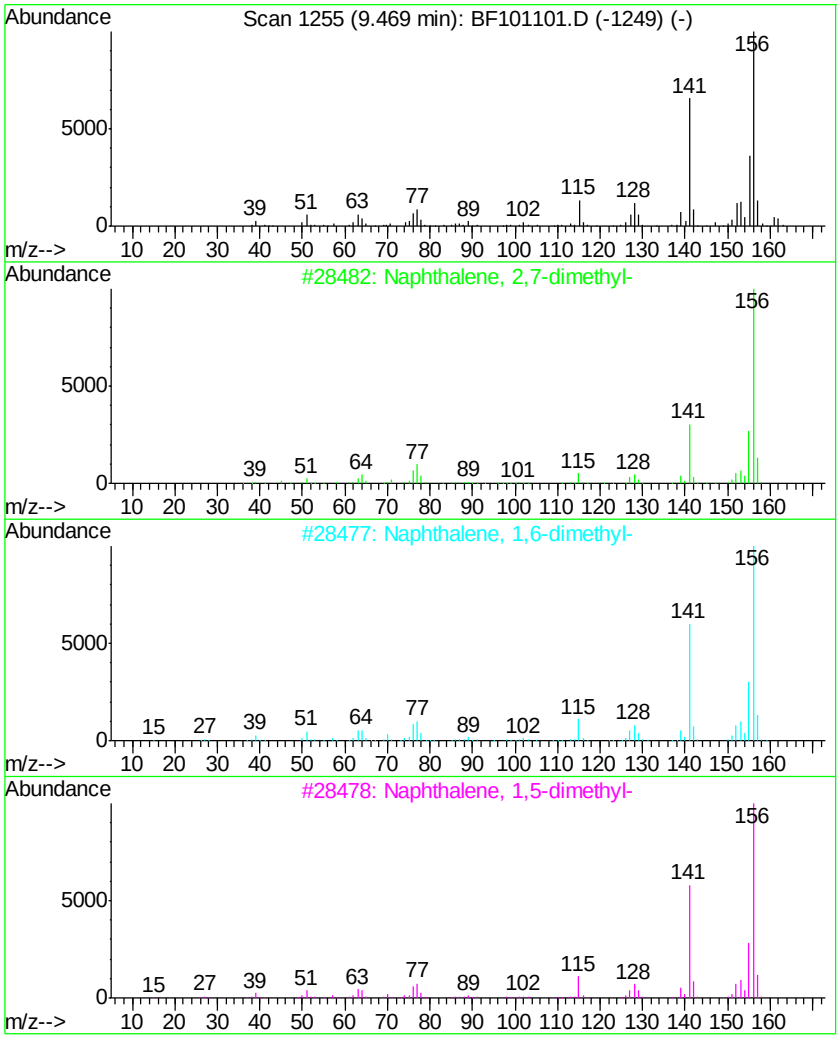
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

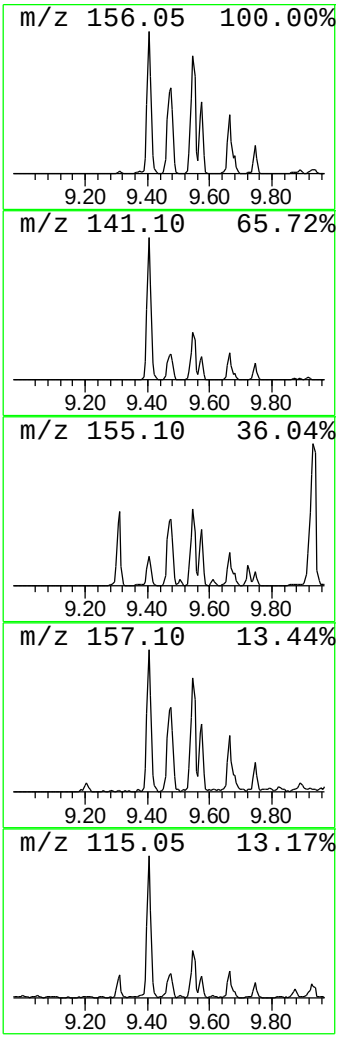
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	39.41 ng	618977	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

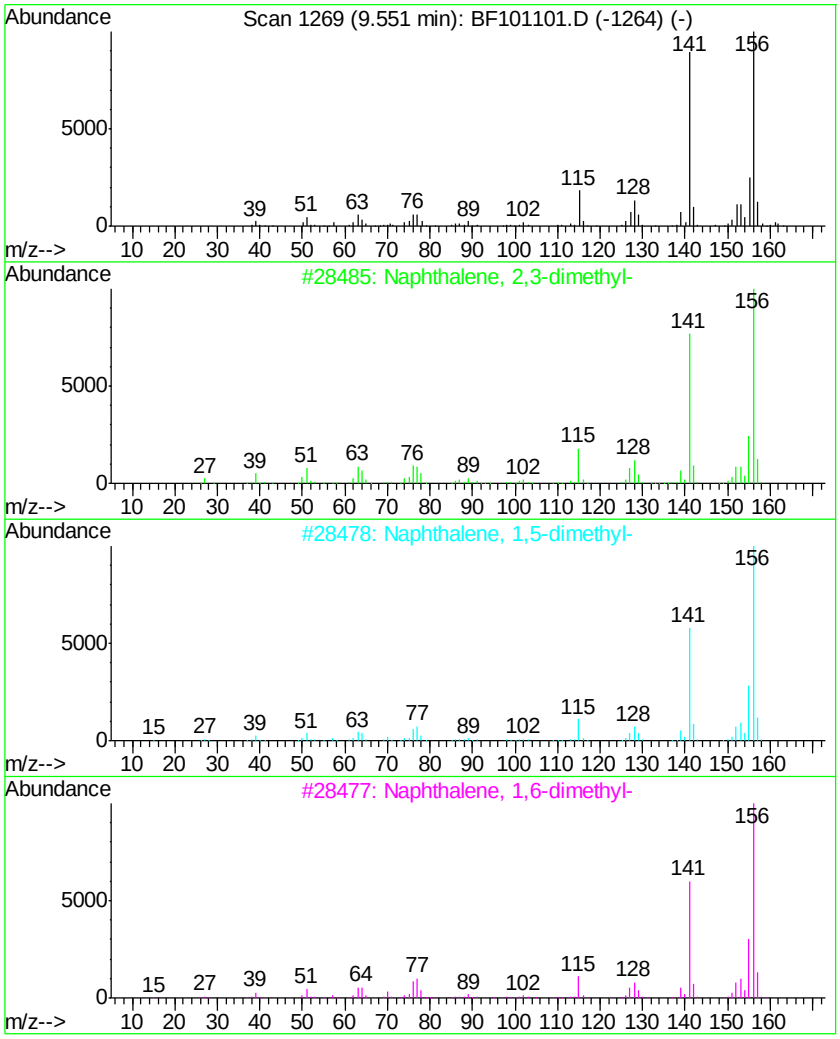
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

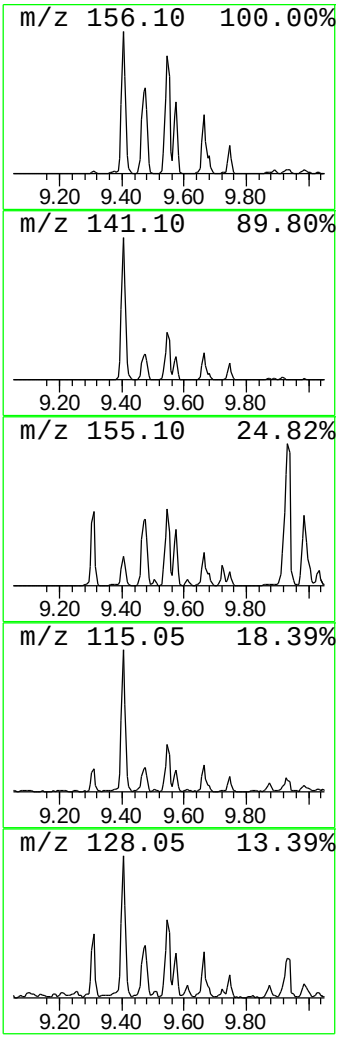
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	46.70 ng	733420	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

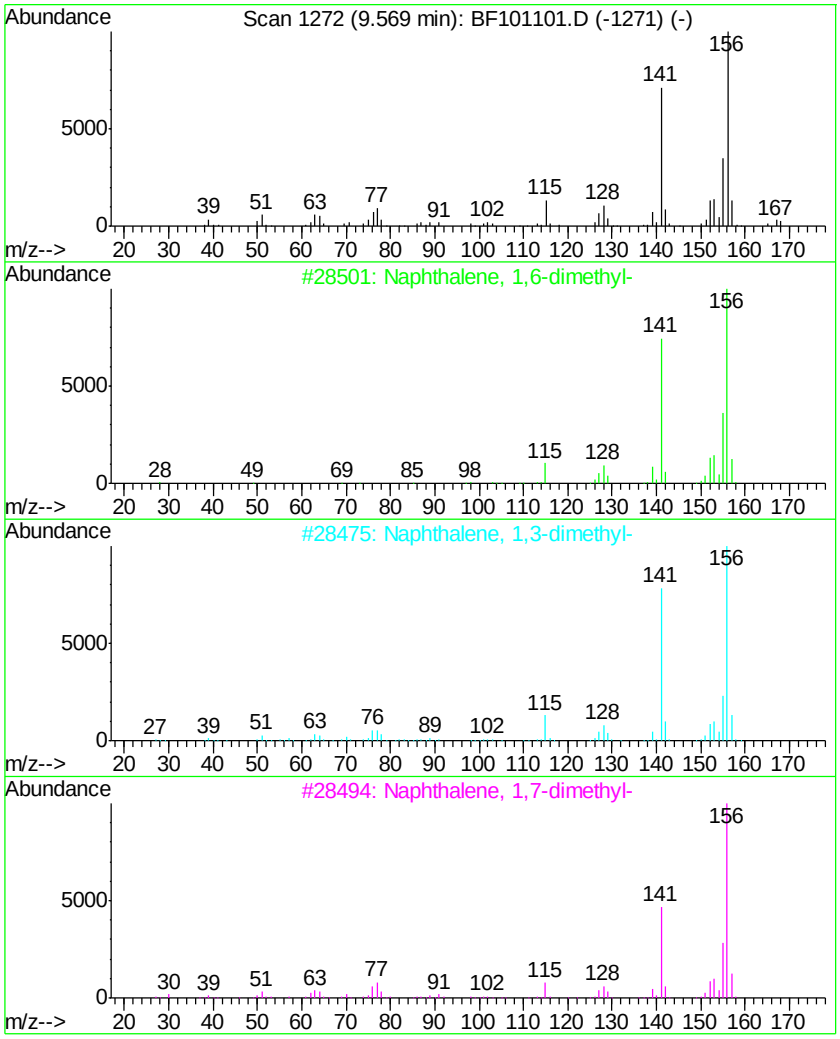
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

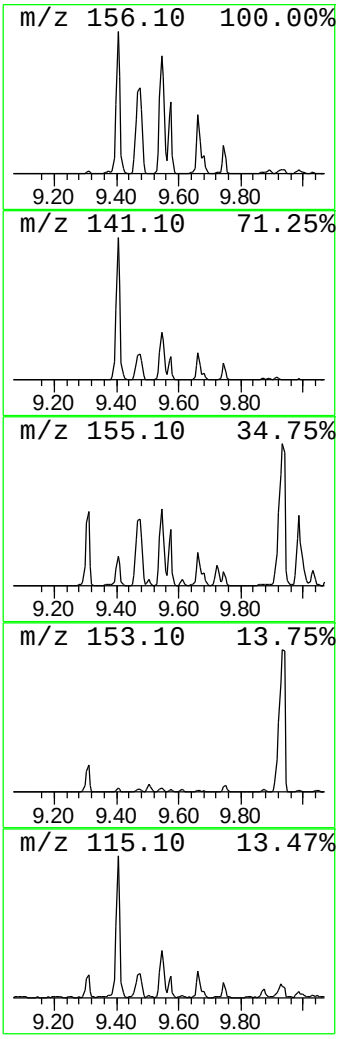
****

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	20.32 ng	319146	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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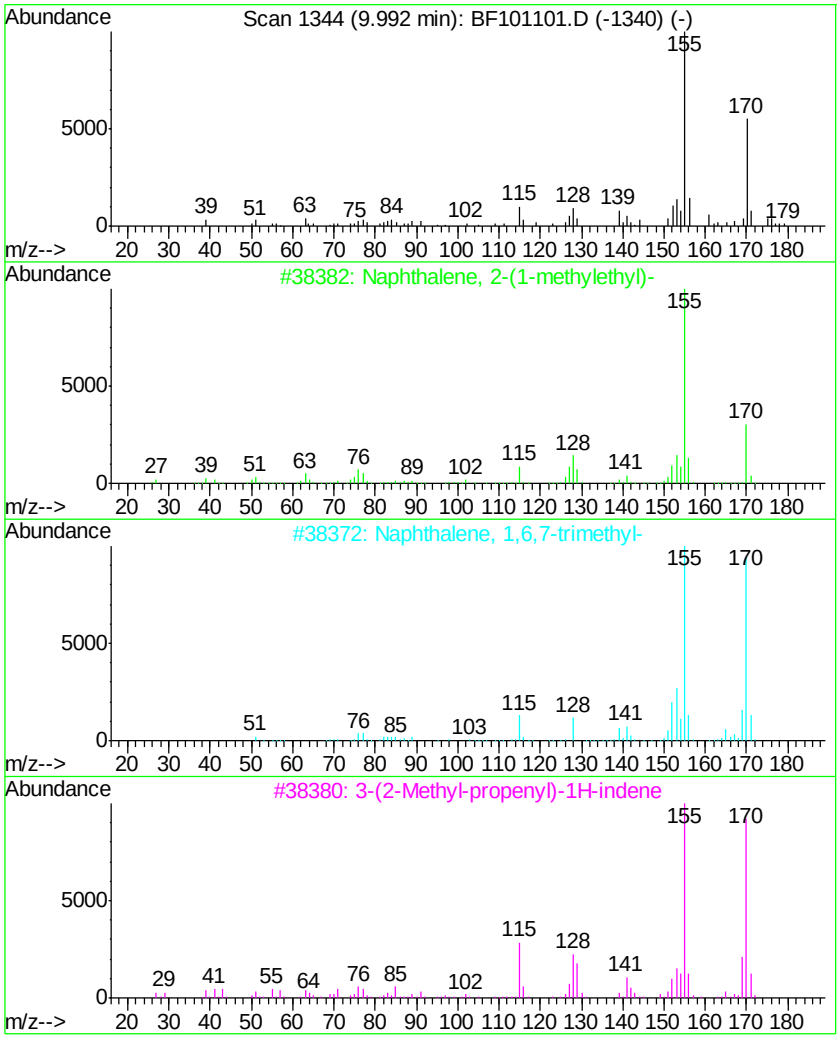
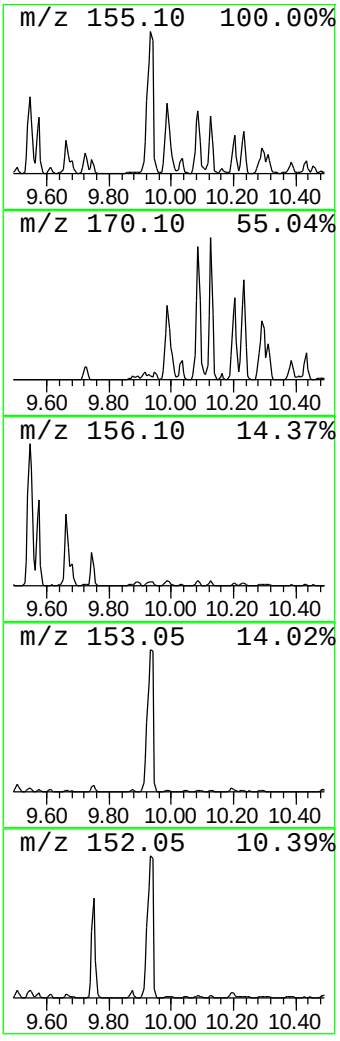
Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	10.25 ng	161061	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64





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Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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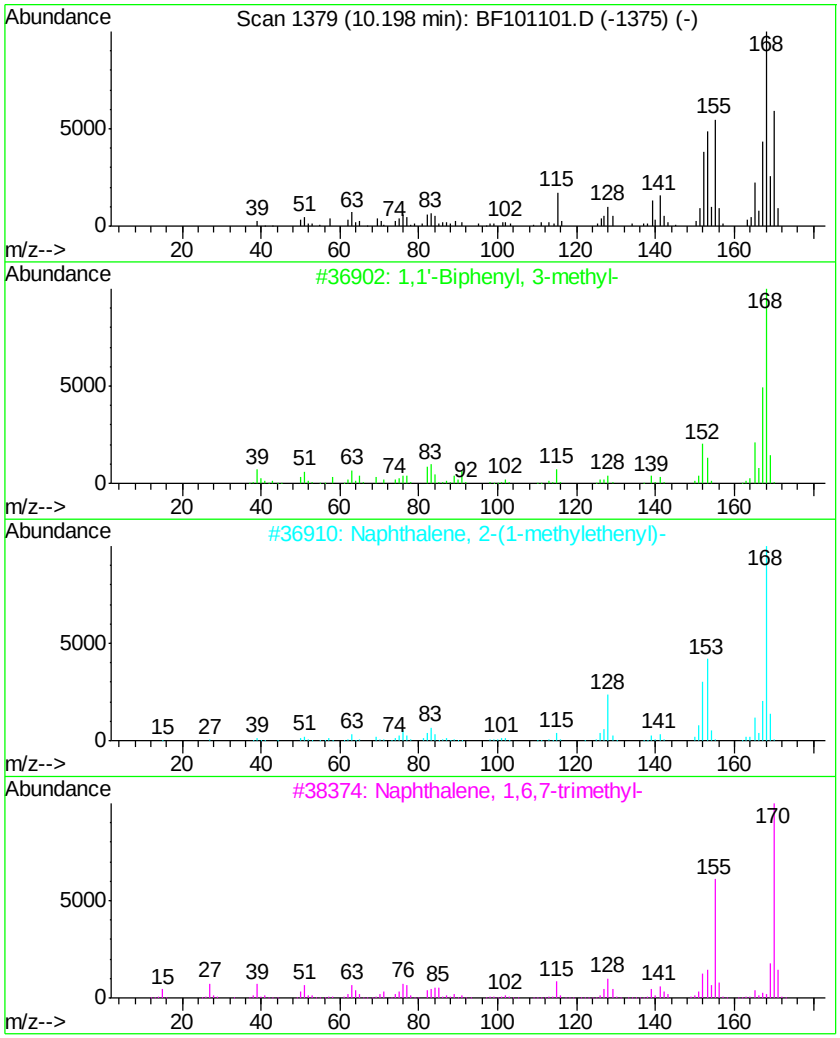
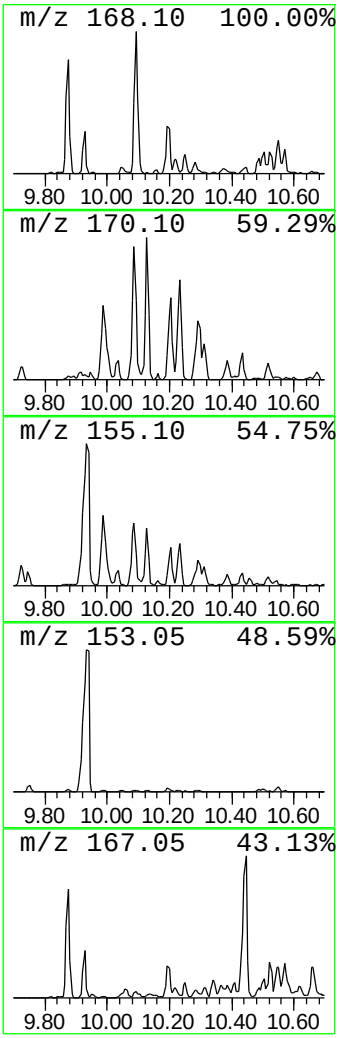
Peak Number 13 1,1'-Biphenyl, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	15.99 ng	251072	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	35





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Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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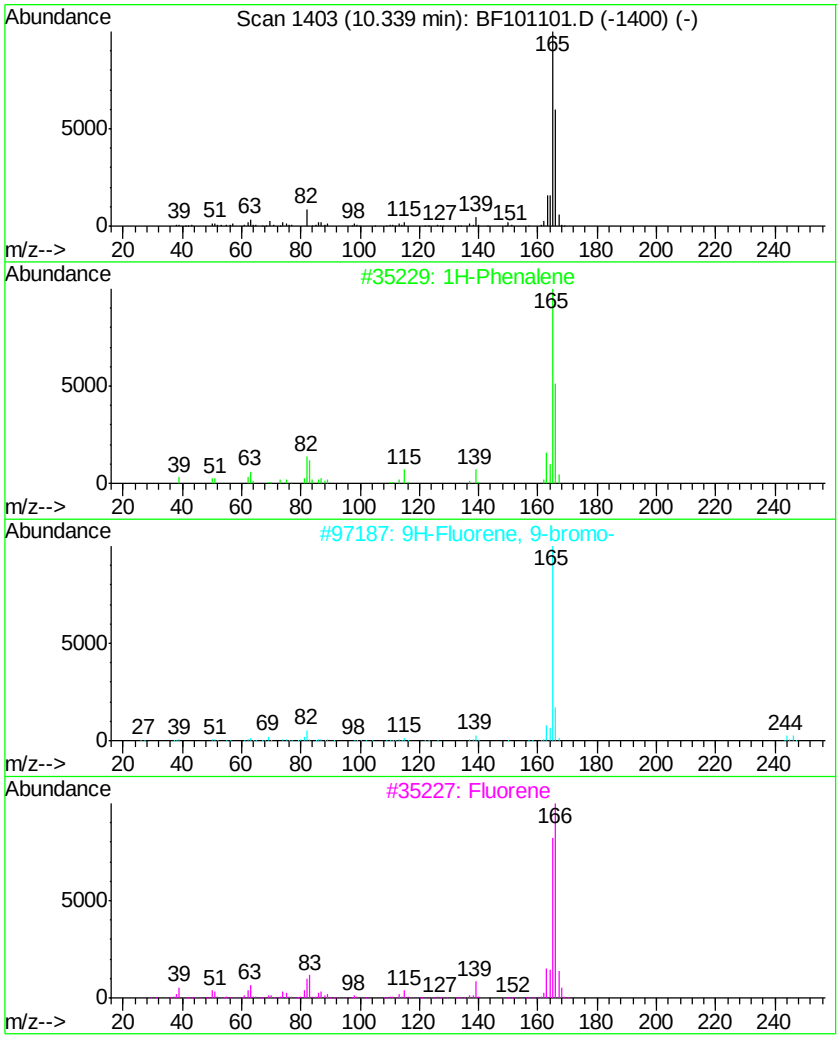
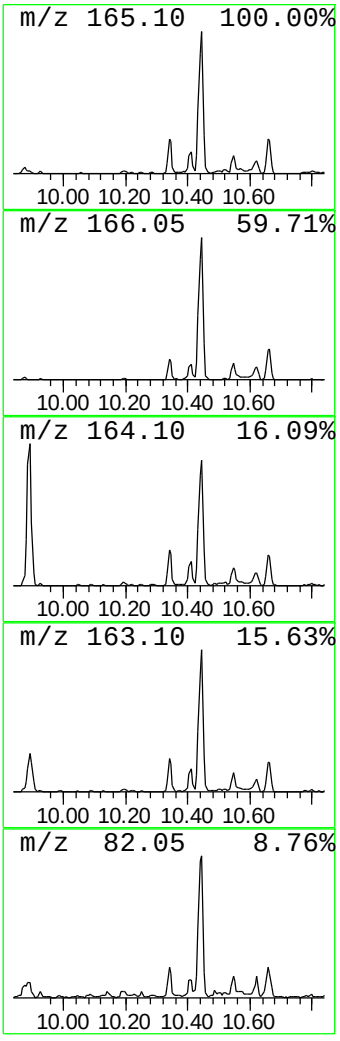
Peak Number 14 1H-Phenalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	17.12 ng	268872	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
3	Fluorene	166	C13H10	000086-73-7	43
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	38
5	2-Methoxy-5-methylbenzoic acid	166	C9H10O3	025045-36-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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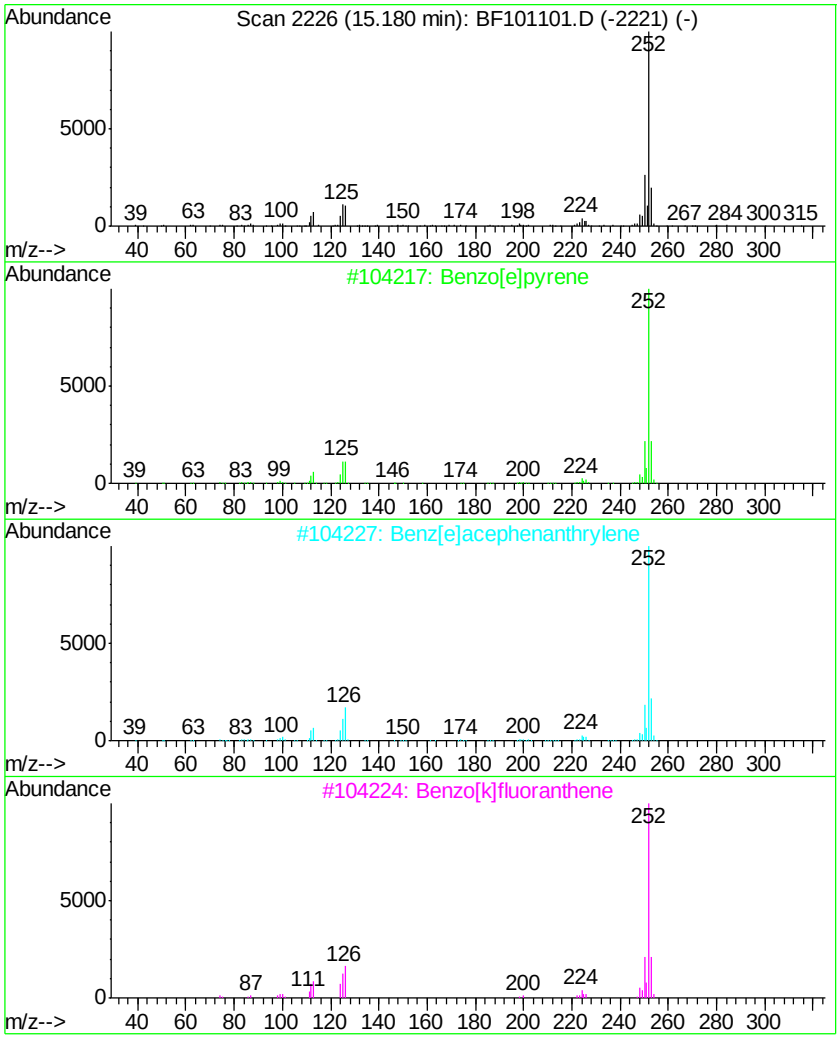
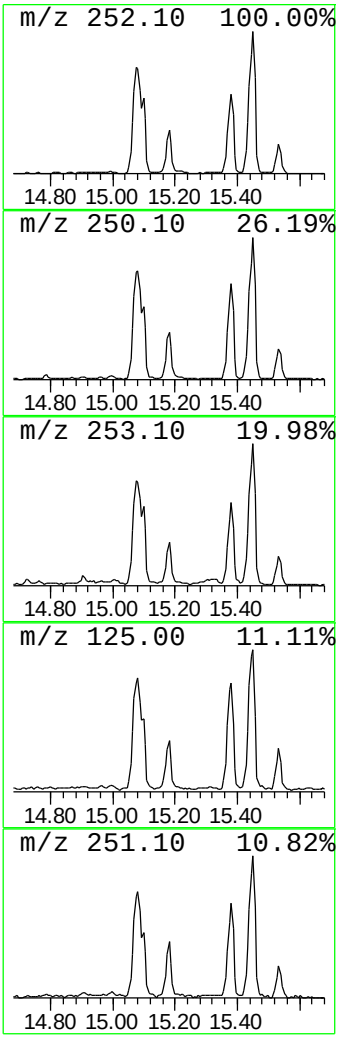
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	17.22 ng	294266	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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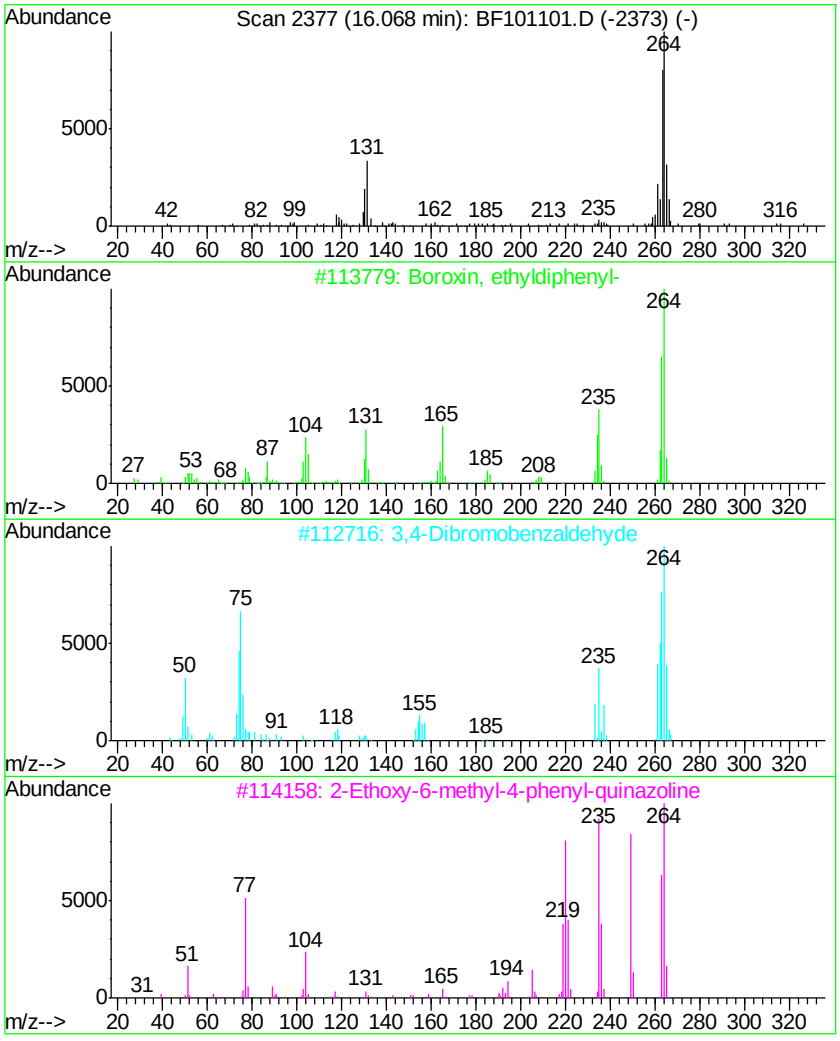
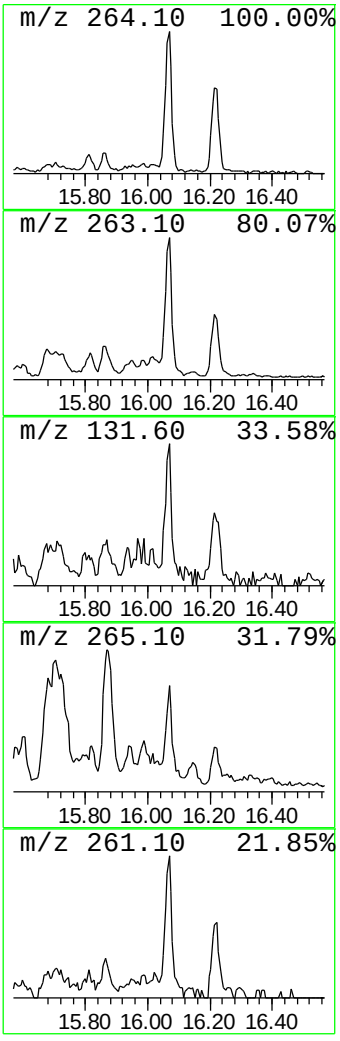
Peak Number 19 Boroxin, ethyldiphenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	10.00 ng	170796	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
3	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	47
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
5	Perylene-D12	264	C20D12	001520-96-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101101.D
Acq On : 4 Dec 2017 16:42
Operator : SJ/JU
Sample : I6696-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-TP102-B(2+)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.32	10.2	ng	136322	1	6.85	266466	20.0
unknown6.62	6.62	17.0	ng	226568	1	6.85	266466	20.0
Benzene, 1,2,3-tr...	6.67	9.7	ng	128909	1	6.85	266466	20.0
Indane	7.03	33.8	ng	450652	1	6.85	266466	20.0
Benzene, 1-propynyl-	7.10	11.2	ng	148847	1	6.85	266466	20.0
Naphthalene, 1-et...	9.40	74.0	ng	1162620	3	9.89	314128	20.0
Naphthalene, 2,7-...	9.47	39.4	ng	618977	3	9.89	314128	20.0
Naphthalene, 2,3-...	9.55	46.7	ng	733420	3	9.89	314128	20.0
Naphthalene, 1,6-...	9.57	20.3	ng	319146	3	9.89	314128	20.0
Naphthalene, 2-(1...	9.99	10.3	ng	161061	3	9.89	314128	20.0
1,1'-Biphenyl, 3-...	10.20	16.0	ng	251072	3	9.89	314128	20.0
1H-Phenalene	10.34	17.1	ng	268872	3	9.89	314128	20.0
Benzo[e]pyrene	15.18	17.2	ng	294266	6	15.50	341747	20.0
Boroxin, ethyldip...	16.07	10.0	ng	170796	6	15.50	341747	20.0