LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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-BF020318.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	2.146	5	10	17	rVB	866450	1134932	7.52%	0.644%
2	5.498	575	580	583	rBV	3986991	4219361	27.96%	2.394%
3	6.510	747	752	761	rVB2	3706280	4502597	29.84%	2.554%
4	6.651	771	776	779	rBV	4079324	4233807	28.05%	2.402%
5	6.875	811	814	818	rBV	1343235	1118211	7.41%	0.634%
6	7.033	837	841	844	rBV	3497157	3202090	21.22%	1.817%
7	7.439	906	910	913	rBV	2638074	2735134	18.12%	1.552%
8	8.157	1029	1032	1034	rBV	1506510	1420770	9.41%	0.806%
9	8.180	1034	1036	1040	rVB	1351207	1009232	6.69%	0.573%
10	8.874	1150	1154	1157	rBV	796650	722286	4.79%	0.410%
11	8.927	1158	1163	1167	rBV	254031	305037	2.02%	0.173%
12	8.969	1167	1170	1175	rVB	665323	618400	4.10%	0.351%
13	9.233	1211	1215	1218	rVB	4343692	3971967	26.32%	2.253%
14	9.333	1229	1232	1237	rVB	394615	368479	2.44%	0.209%
15	9.427	1245	1248	1254	rVB	284725	281894	1.87%	0.160%
16	9.492	1255	1259	1264	rBV	341952	472166	3.13%	0.268%
17	9.569	1268	1272	1275	rBV	574097	633573	4.20%	0.359%
18	9.598	1275	1277	1279	rVB	393018	257194	1.70%	0.146%
19	9.622	1279	1281	1284	rVB	377044	334192	2.21%	0.190%
20	9.686	1288	1292	1294	rBV2	349391	359695	2.38%	0.204%
21	9.774	1304	1307	1310	rVB	400161	334100	2.21%	0.190%
22	9.833	1313	1317	1320	rVB	241503	249482	1.65%	0.142%
23	9.892	1322	1327	1329	rBV	297343	345552	2.29%	0.196%
24	9.916	1329	1331	1334	rVV2	1576284	1402811	9.30%	0.796%
25	9.951	1334	1337	1340	rVV	4347277	4238912	28.09%	2.405%
26	9.980	1340	1342	1345	rVB	344373	299294	1.98%	0.170%
27	10.016	1345	1348	1352	rBV2	183737	267727	1.77%	0.152%
28	10.074	1352	1358	1362	rVV2	413907	528252	3.50%	0.300%
29	10.121	1362	1366	1370	rVV	2754244	2637543	17.48%	1.496%
30	10.157	1370	1372	1376	rVB	323720	260840	1.73%	0.148%
31	10.227	1381	1384	1387	rBV2	280986	320831	2.13%	0.182%
32	10.257	1387	1389	1392	rVV2	277959	256524	1.70%	0.146%
33	10.321	1396	1400	1401	rBV	312271	354896	2.35%	0.201%
34	10.339	1401	1403	1406	rVB2	374748	296641	1.97%	0.168%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.469	1420	1425	1428	rBV	4100737	4264389	28.26%	2.419%
36	10.516	1429	1433	1434	rVV	371248	393768	2.61%	0.223%
37	10.527	1434	1435	1437	rVV2	565206	499692	3.31%	0.283%
38	10.551	1437	1439	1441	rVV	1029966	860602	5.70%	0.488%
39	10.574	1441	1443	1445	rVV	325256	317823	2.11%	0.180%
40	10.598	1445	1447	1449	rVV	569806	547814	3.63%	0.311%
41	10.621	1449	1451	1455	rVB	1054573	858226	5.69%	0.487%
42	10.710	1461	1466	1469	rBV	2552257	2804341	18.58%	1.591%
43	10.751	1472	1473	1476	rVB	284075	190290	1.26%	0.108%
44	10.810	1480	1483	1484	rBV	381457	307640	2.04%	0.175%
45	10.827	1484	1486	1492	rVB2	530260	624630	4.14%	0.354%
46	10.898	1492	1498	1501	rBV3	351307	470074	3.11%	0.267%
47	11.016	1511	1518	1520	rBV4	898628	1398670	9.27%	0.793%
48	11.039	1520	1522	1525	rVV2	485805	479985	3.18%	0.272%
49	11.098	1529	1532	1534	rVB	397835	380496	2.52%	0.216%
50	11.139	1534	1539	1541	rBV3	497701	675509	4.48%	0.383%
51	11.163	1541	1543	1545	rVV	567226	506222	3.35%	0.287%
52	11.216	1548	1552	1555	rVV	883278	871212	5.77%	0.494%
53	11.263	1555	1560	1563	rVV2	1116346	1517850	10.06%	0.861%
54	11.304	1563	1567	1573	rVB	1879303	2004094	13.28%	1.137%
55	11.457	1581	1593	1596	rBV	6089054	15091111	100.00%	8.561%
56	11.504	1596	1601	1603	rVV	5204635	6266523	41.52%	3.555%
57	11.521	1603	1604	1609	rVV	1444222	1131205	7.50%	0.642%
58	11.568	1609	1612	1617	rVV4	234673	330423	2.19%	0.187%
59	11.645	1618	1625	1628	rVV2	3297924	4247296	28.14%	2.410%
60	11.704	1632	1635	1638	rVV3	631861	637040	4.22%	0.361%
61	11.739	1638	1641	1646	rVB3	667534	810573	5.37%	0.460%
62	11.821	1652	1655	1660	rVB	482980	536537	3.56%	0.304%
63	11.915	1667	1671	1673	rVV	2296148	2407467	15.95%	1.366%
64	11.945	1673	1676	1680	rVB	3236255	3132077	20.75%	1.777%
65	11.992	1680	1684	1687	rBV	1591359	1603250	10.62%	0.910%
66	12.033	1687	1691	1697	rVB2	3673058	5742406	38.05%	3.258%
67	12.092	1698	1701	1703	rBV2	451761	464015	3.07%	0.263%
68	12.115	1703	1705	1707	rVB3	484892	374957	2.48%	0.213%
69	12.145	1707	1710	1712	rBV2	437758	398942	2.64%	0.226%
70	12.210	1717	1721	1723	rVV	1869516	1950999	12.93%	1.107%
71	12.245	1723	1727	1731	rVV	1476667	1792102	11.88%	1.017%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.280	1731	1733	1735	rVB	301647	213991	1.42%	0.121%
73	12.357	1743	1746	1748	rVB	479666	418581	2.77%	0.237%
74	12.386	1748	1751	1753	rBV	661899	533088	3.53%	0.302%
75	12.410	1753	1755	1759	rVB3	607035	598516	3.97%	0.340%
76	12.463	1760	1764	1767	rBV	1239641	1651753	10.95%	0.937%
77	12.504	1767	1771	1773	rVV4	707398	984652	6.52%	0.559%
78	12.568	1777	1782	1787	rBV3	689024	1077359	7.14%	0.611%
79	12.657	1788	1797	1801	rVV	4806473	12622050	83.64%	7.161%
80	12.698	1802	1804	1807	rVB	611670	525484	3.48%	0.298%
81	12.786	1815	1819	1822	rBV	1257620	1404297	9.31%	0.797%
82	12.898	1828	1838	1839	rBV3	4588526	11796635	78.17%	6.692%
83	12.915	1839	1841	1845	rVB	1257167	1121117	7.43%	0.636%
84	12.998	1849	1855	1857	rBV2	2050172	3249621	21.53%	1.844%
85	13.027	1857	1860	1863	rVB	1501461	1479484	9.80%	0.839%
86	13.086	1864	1870	1873	rBV2	1063003	2076641	13.76%	1.178%
87	13.115	1873	1875	1877	rVB	593497	437611	2.90%	0.248%
88	13.198	1881	1889	1892	rBV	2269537	3652048	24.20%	2.072%
89	13.262	1896	1900	1902	rBV	2096010	2242769	14.86%	1.272%
90	13.304	1902	1907	1909	rBV2	1160945	1553661	10.30%	0.881%
91	13.392	1920	1922	1924	rBV	649063	461825	3.06%	0.262%
92	13.421	1925	1927	1933	rVB2	986819	952506	6.31%	0.540%
93	13.704	1973	1975	1979	rVB	836093	800837	5.31%	0.454%
94	13.815	1991	1994	1996	rBV	848389	995154	6.59%	0.565%
95	13.839	1996	1998	2001	rVB	931326	891538	5.91%	0.506%
96	13.874	2001	2004	2008	rBV2	1077435	1573866	10.43%	0.893%
97	14.074	2031	2038	2041	rBV3	2747191	6756131	44.77%	3.833%
98	14.186	2054	2057	2060	rBV	1244614	1092894	7.24%	0.620%
99	15.251	2235	2238	2242	rBV	880902	1040528	6.89%	0.590%
100	16.727	2483	2489	2497	rVB	1584571	3480671	23.06%	1.975%

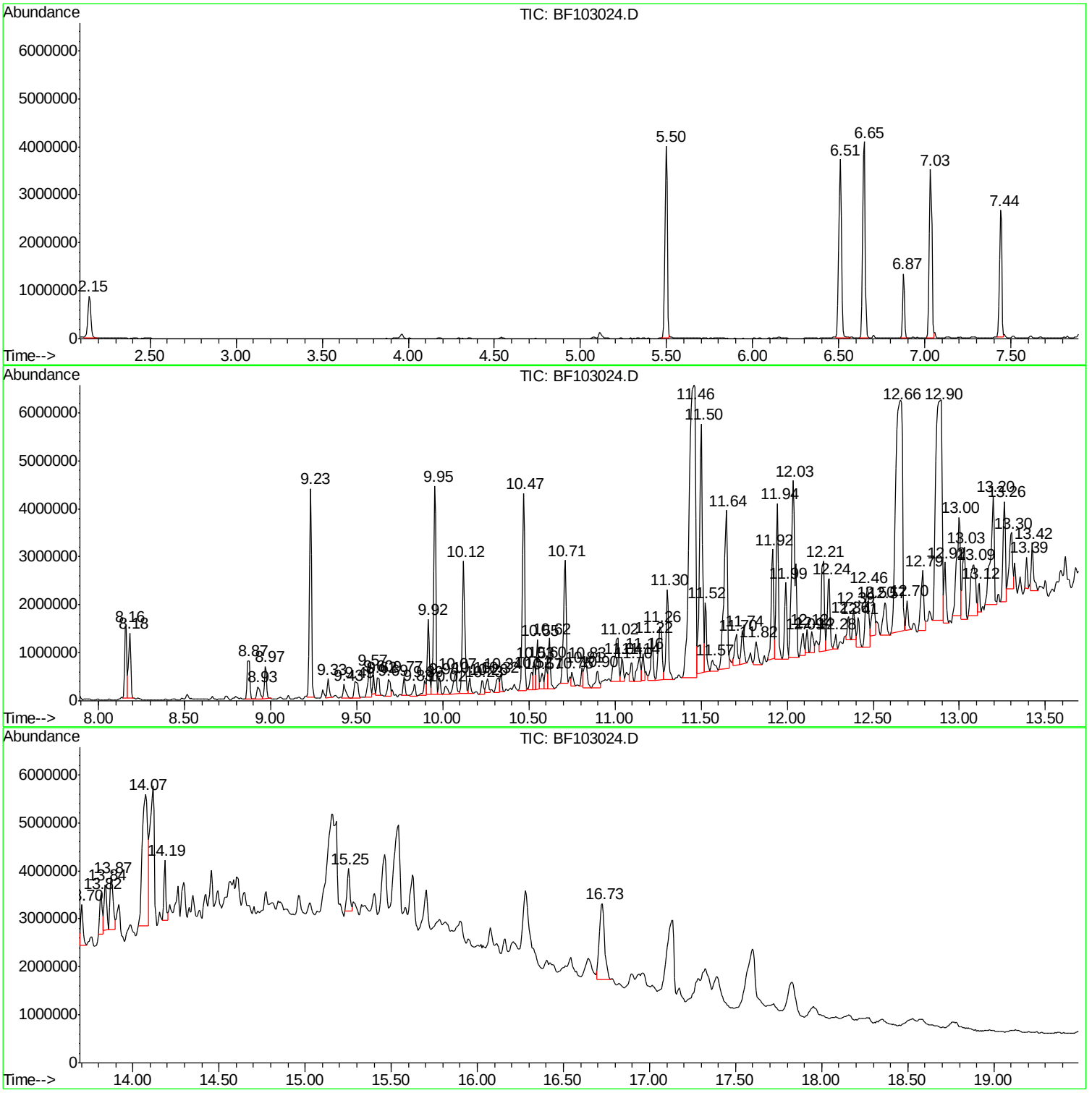
Sum of corrected areas: 176269980

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

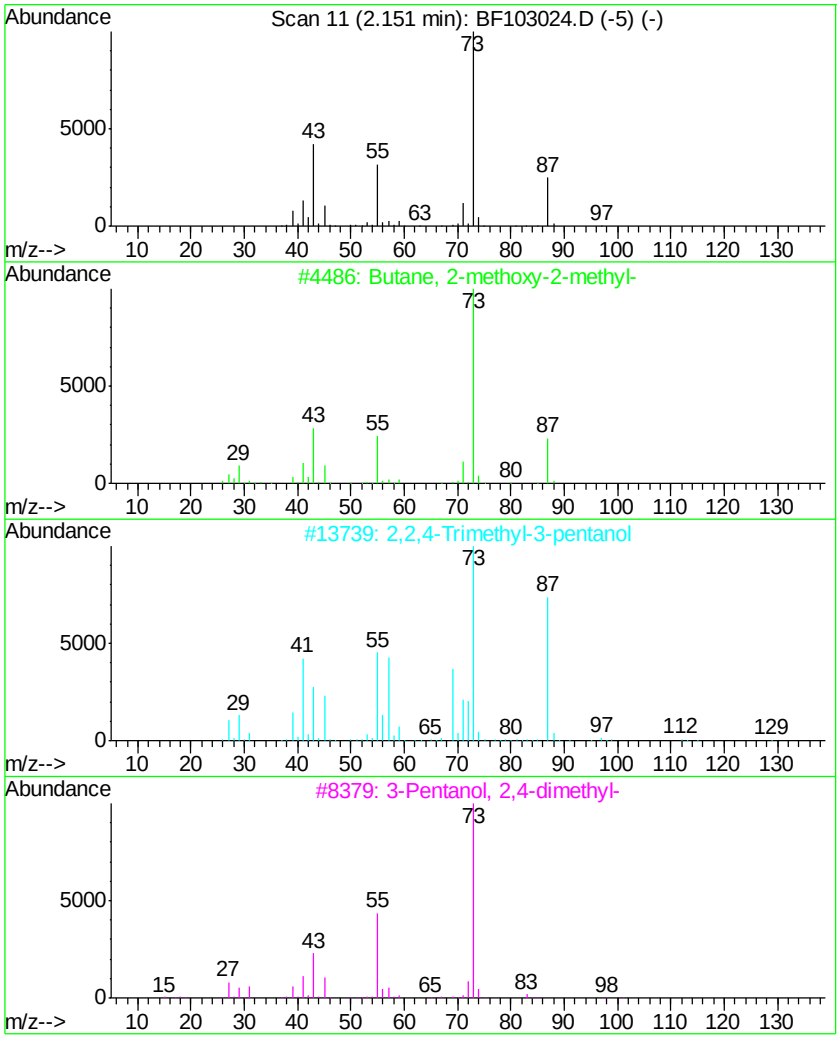
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

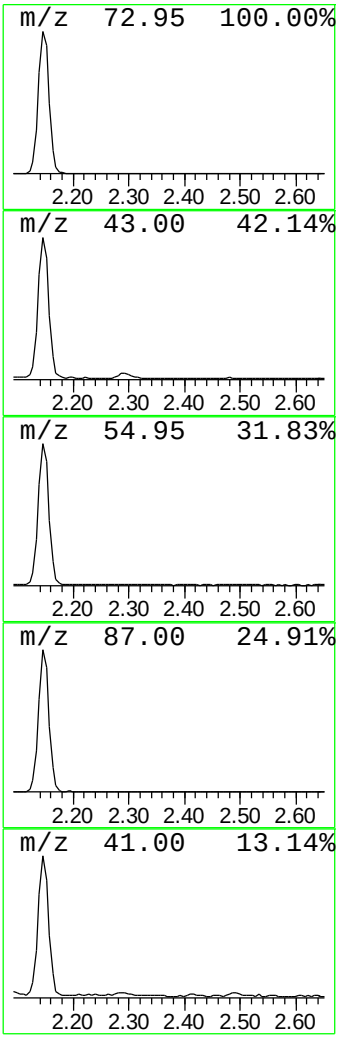
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	20.30 ng	1134930	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

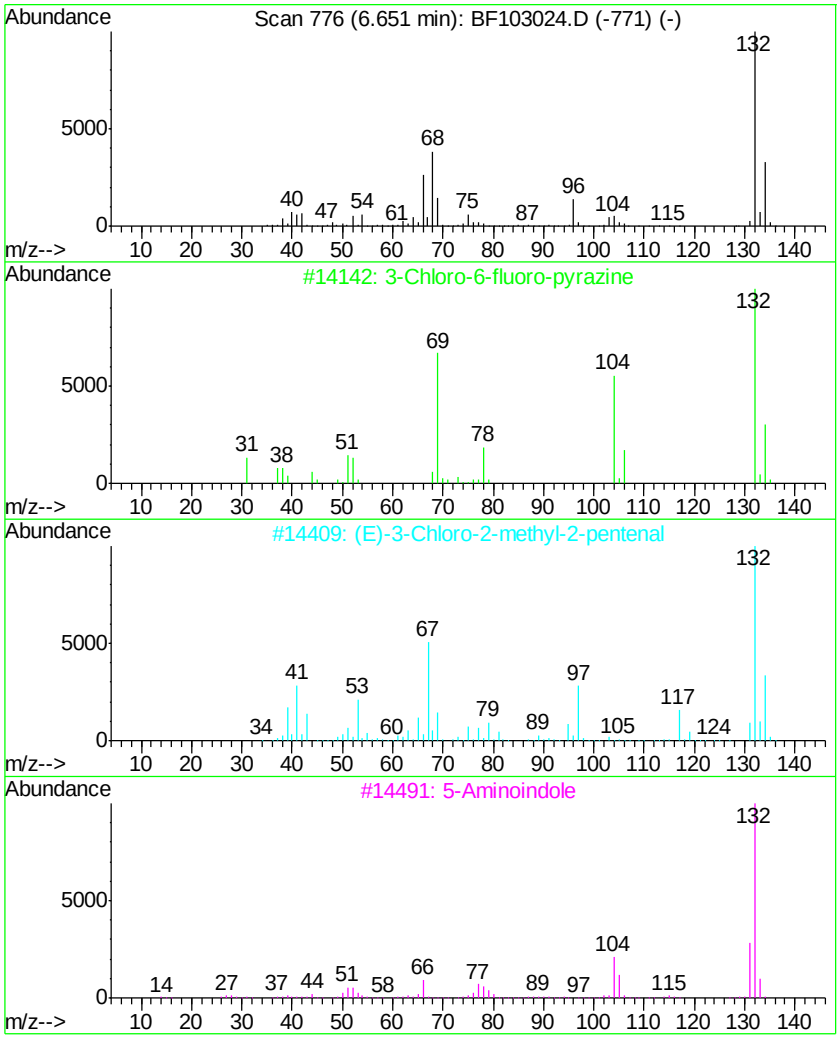
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

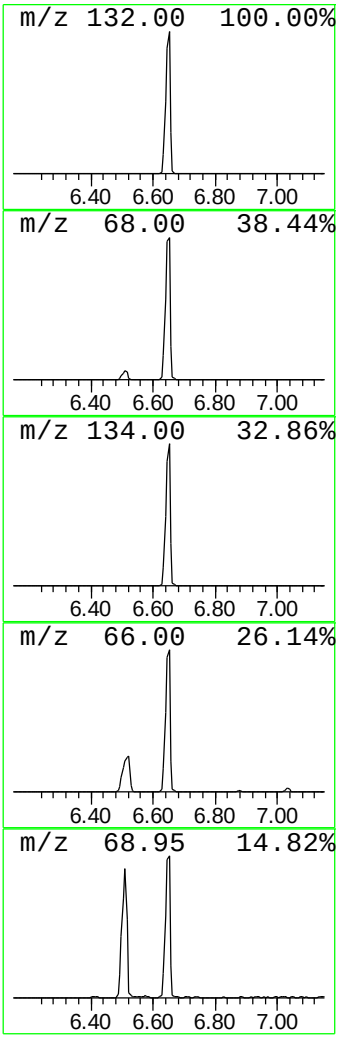
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	75.72 ng	4233810	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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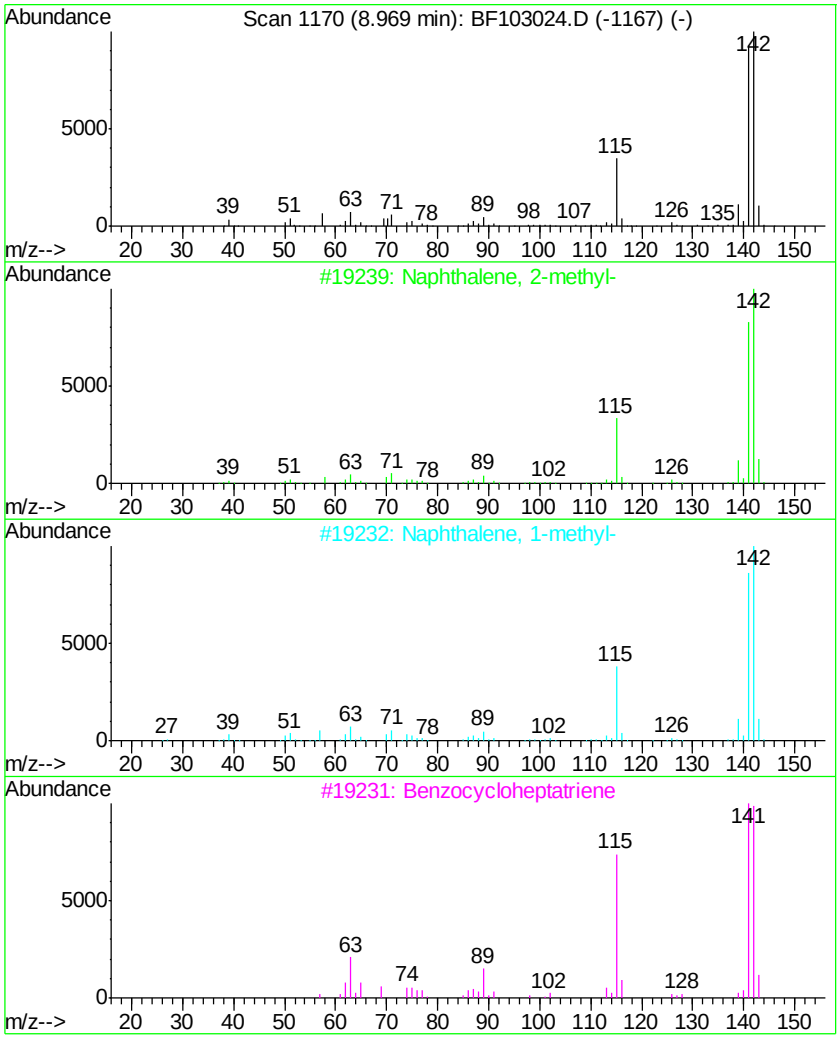
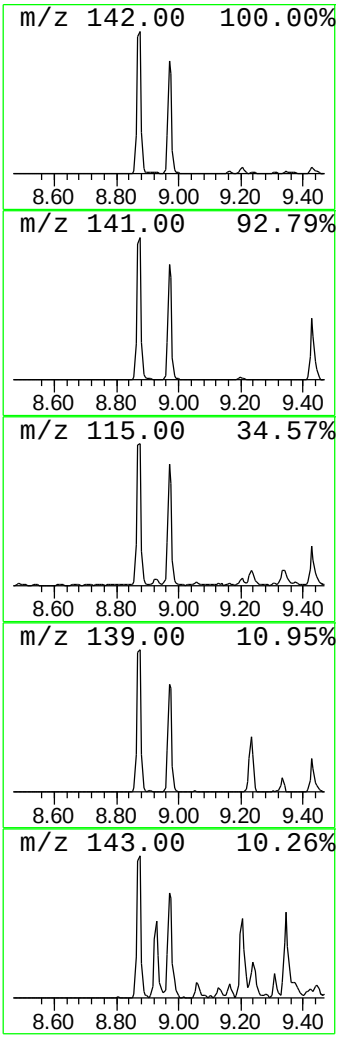
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	8.71 ng	618400	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

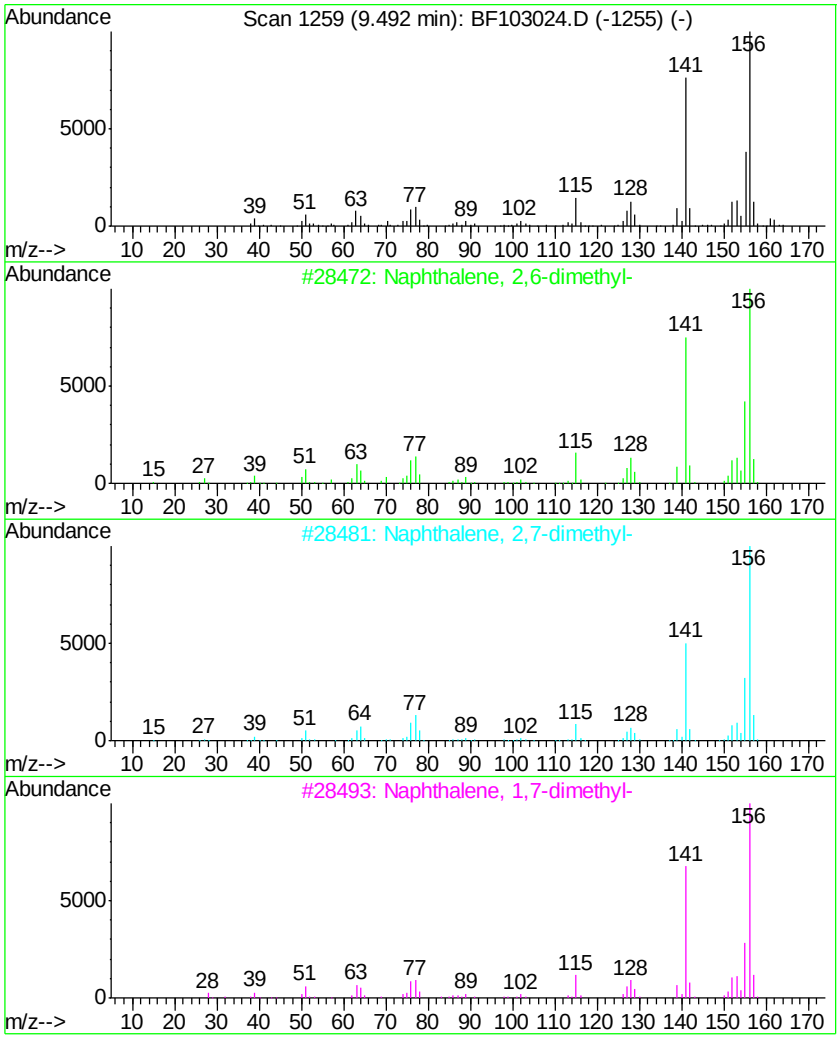
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

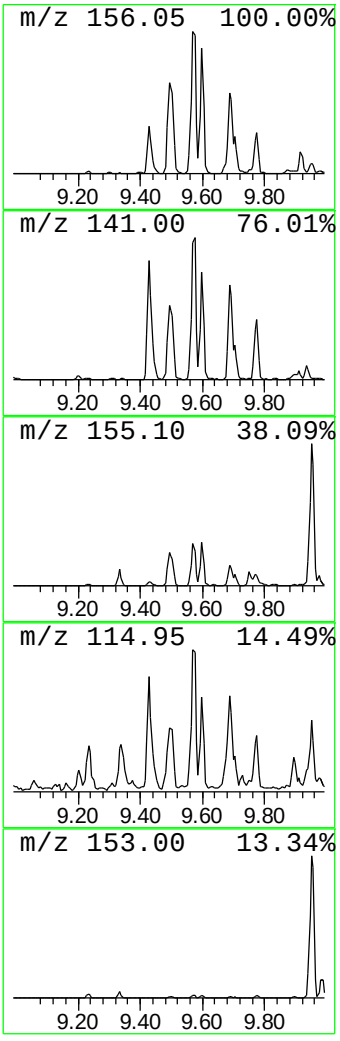
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.73 ng	472166	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

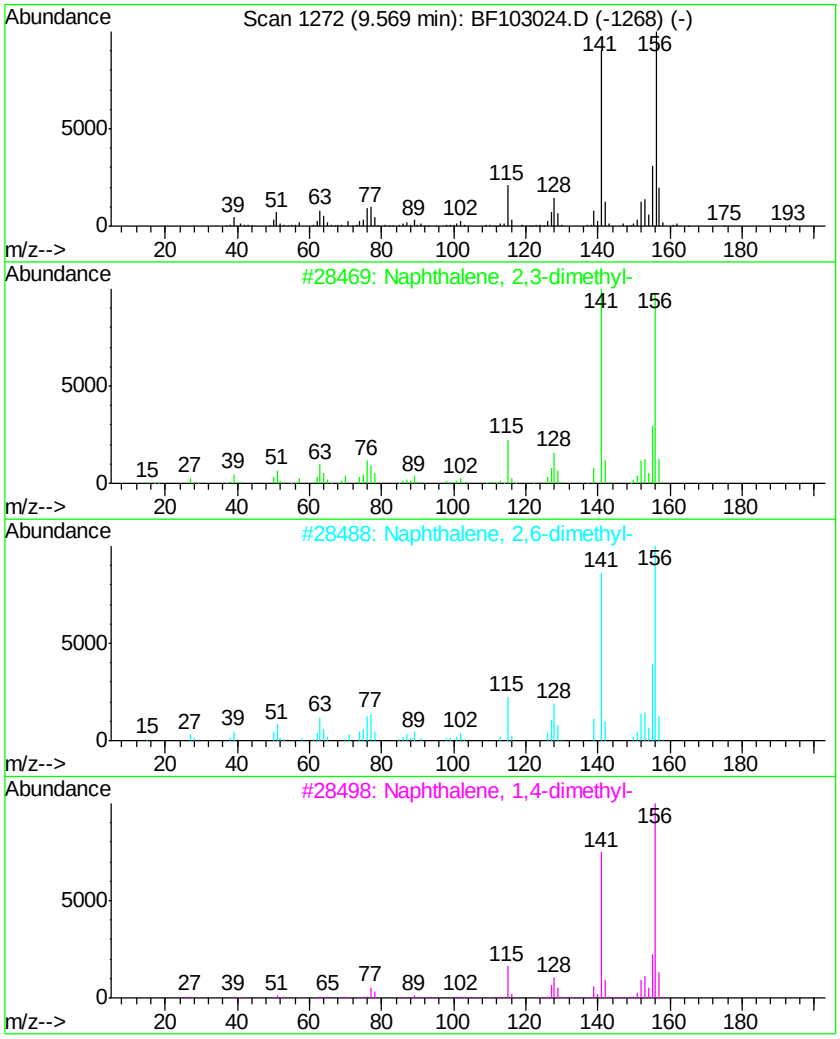
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

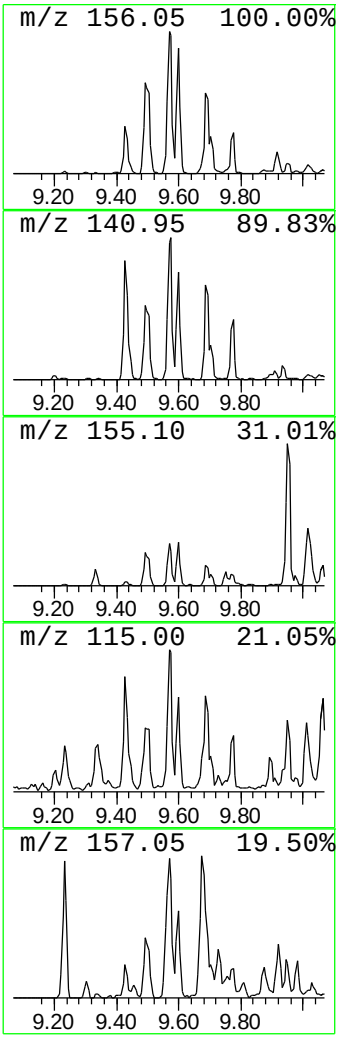
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	9.03 ng	633573	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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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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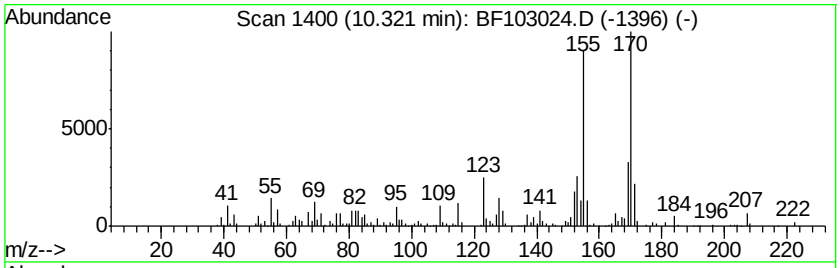
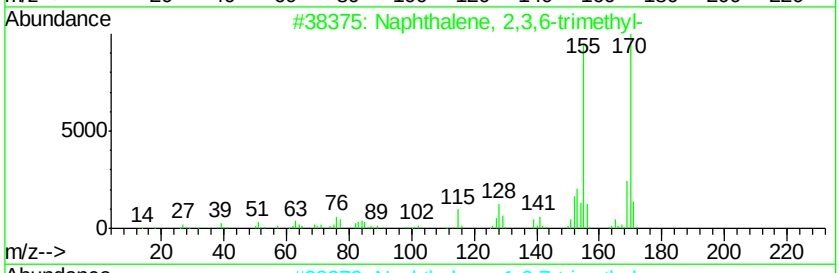
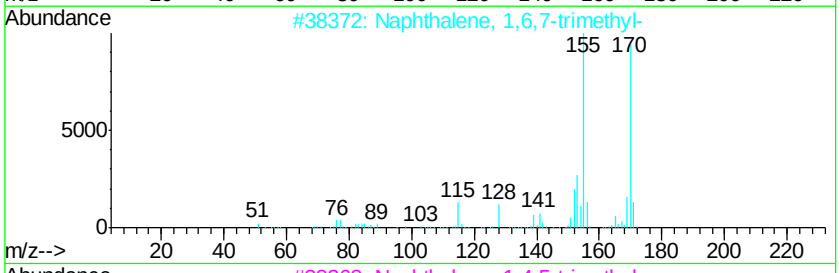
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

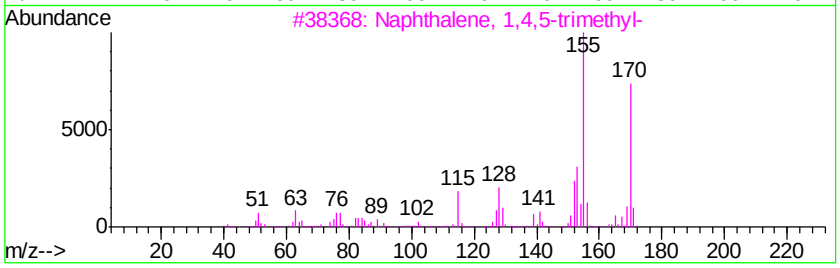
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.06 ng	354896	Acenaphthene-d10	9.92

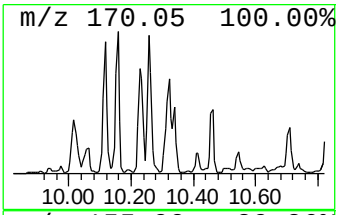
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90

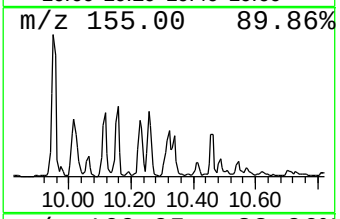


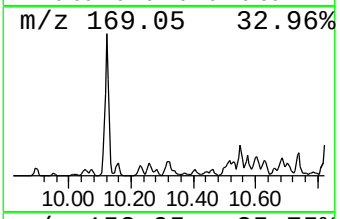


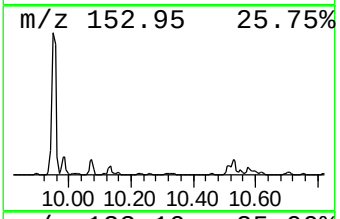


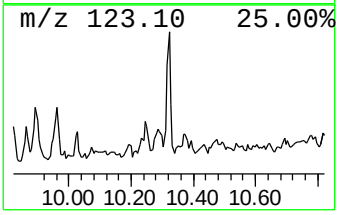












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Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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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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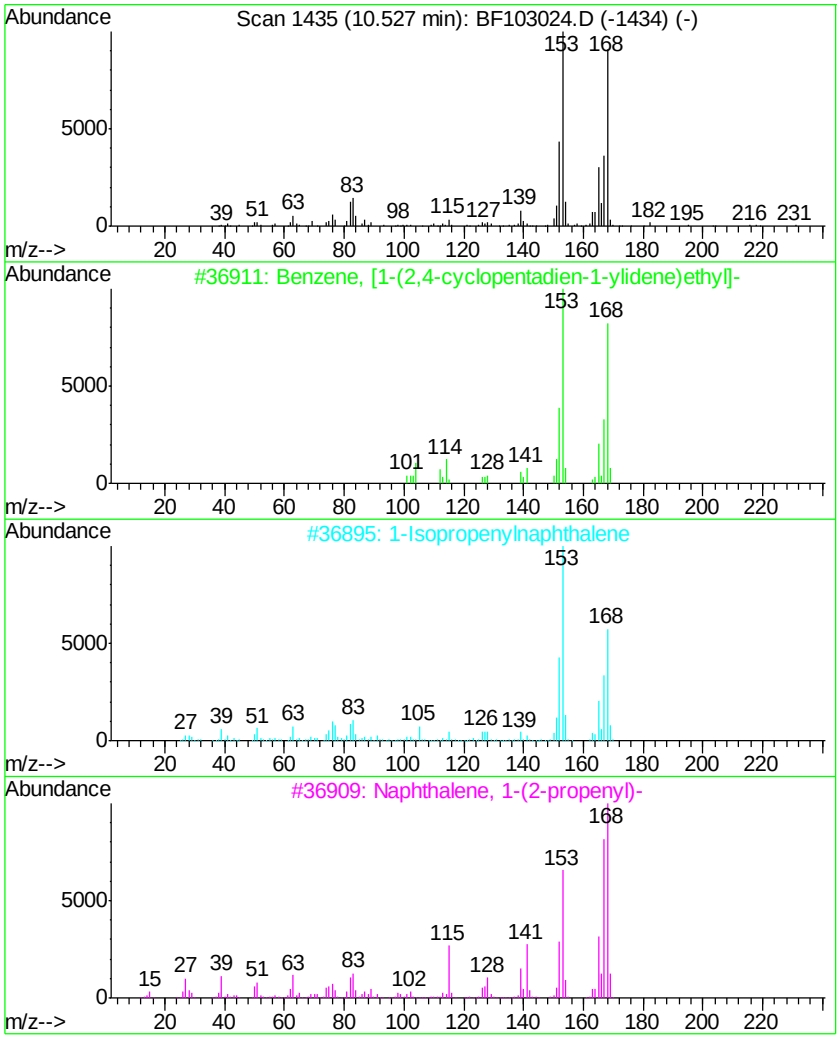
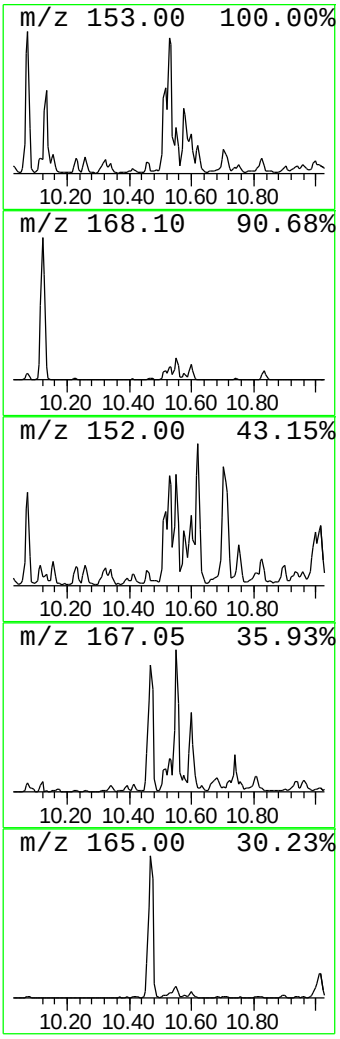
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	7.12 ng	499692	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	56
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47





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ClientSampleId : CB-3-LINE-NW@3

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TIC Library : C:\DATABASE\NIST11.L
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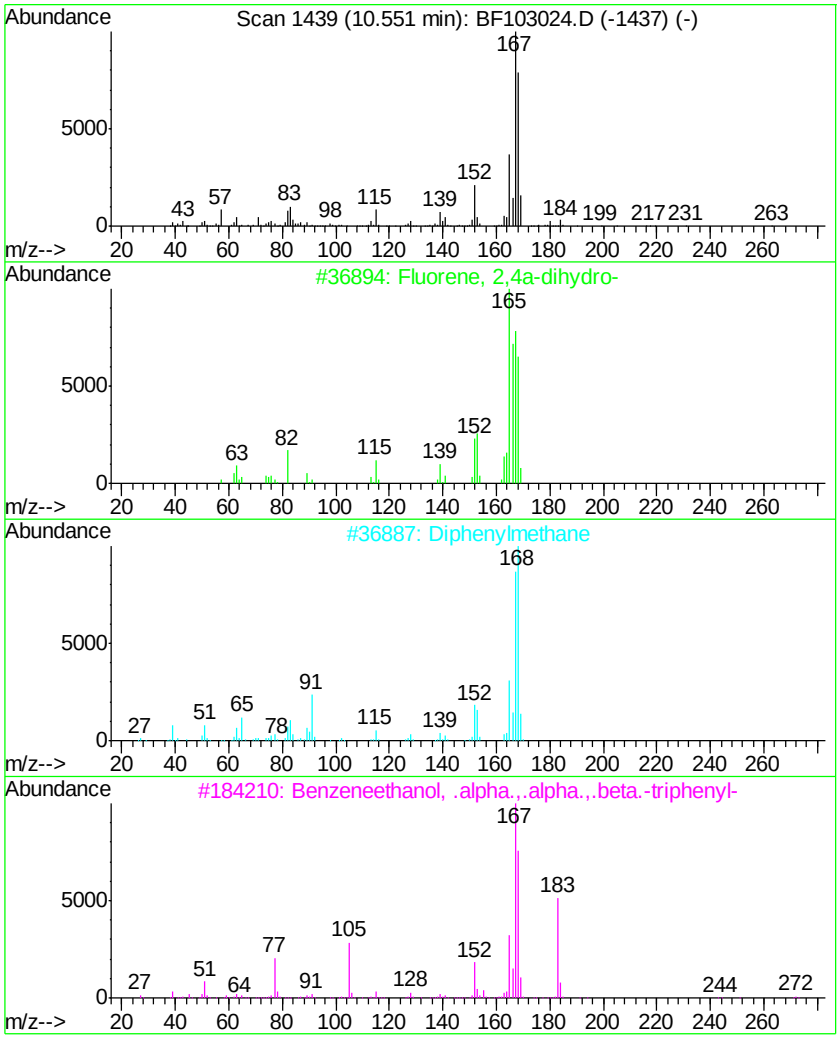
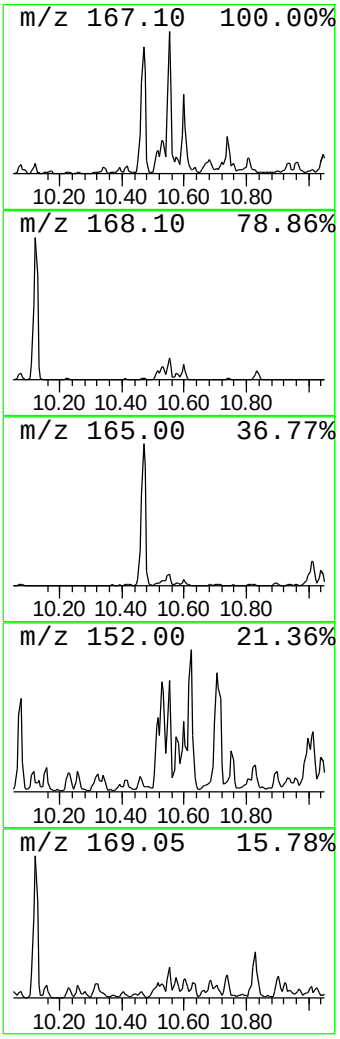
Peak Number 10 Fluorene, 2,4a-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	12.27 ng	860602	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	90
2	Diphenylmethane	168	C13H12	000101-81-5	83
3	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	83
4	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	78
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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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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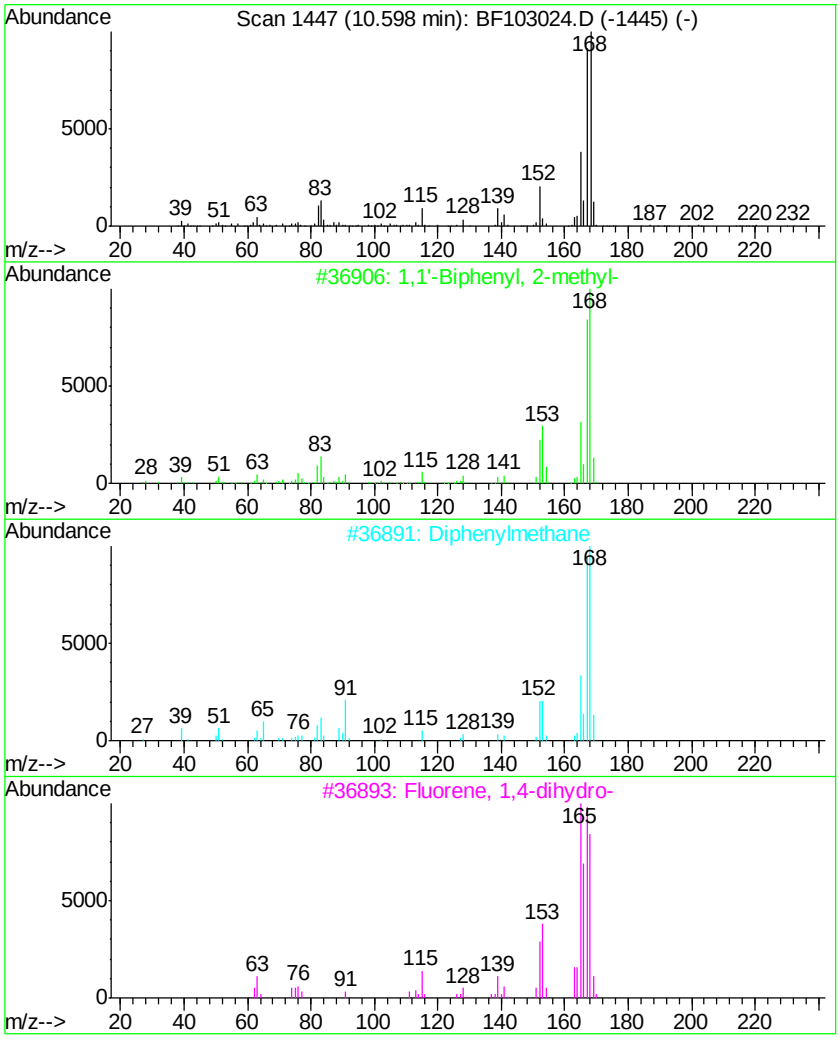
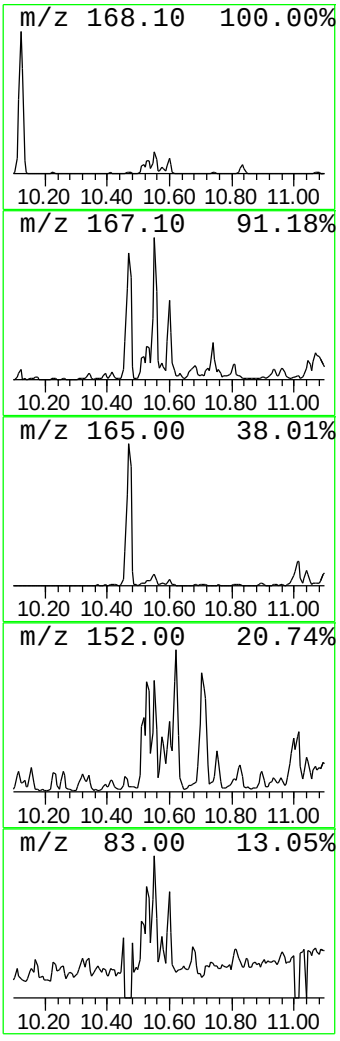
Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.81 ng	547814	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
2	Diphenylmethane	168	C13H12	000101-81-5	87
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
4	1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	64
5	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	64





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Misc :
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ClientSampleId : CB-3-LINE-NW@3

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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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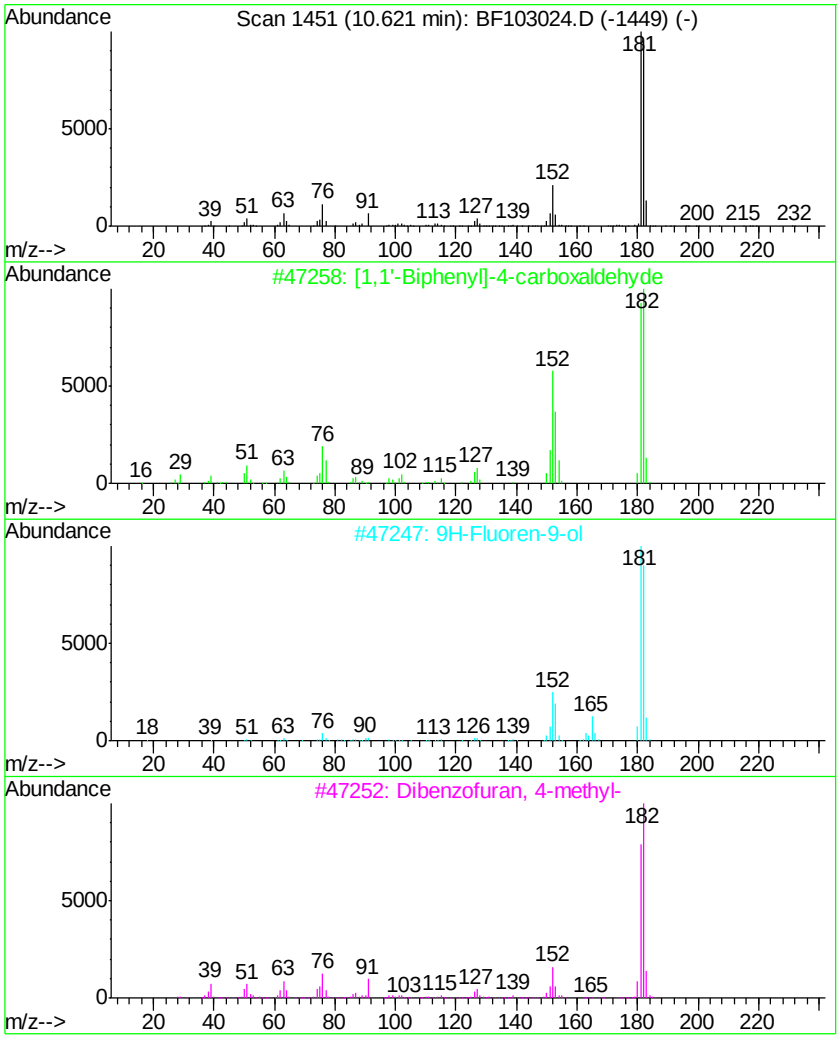
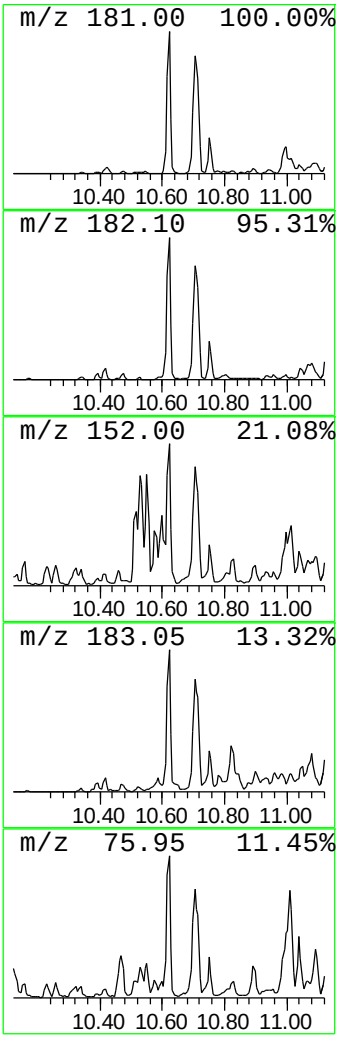
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	12.24 ng	858226	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Sample : J1540-02
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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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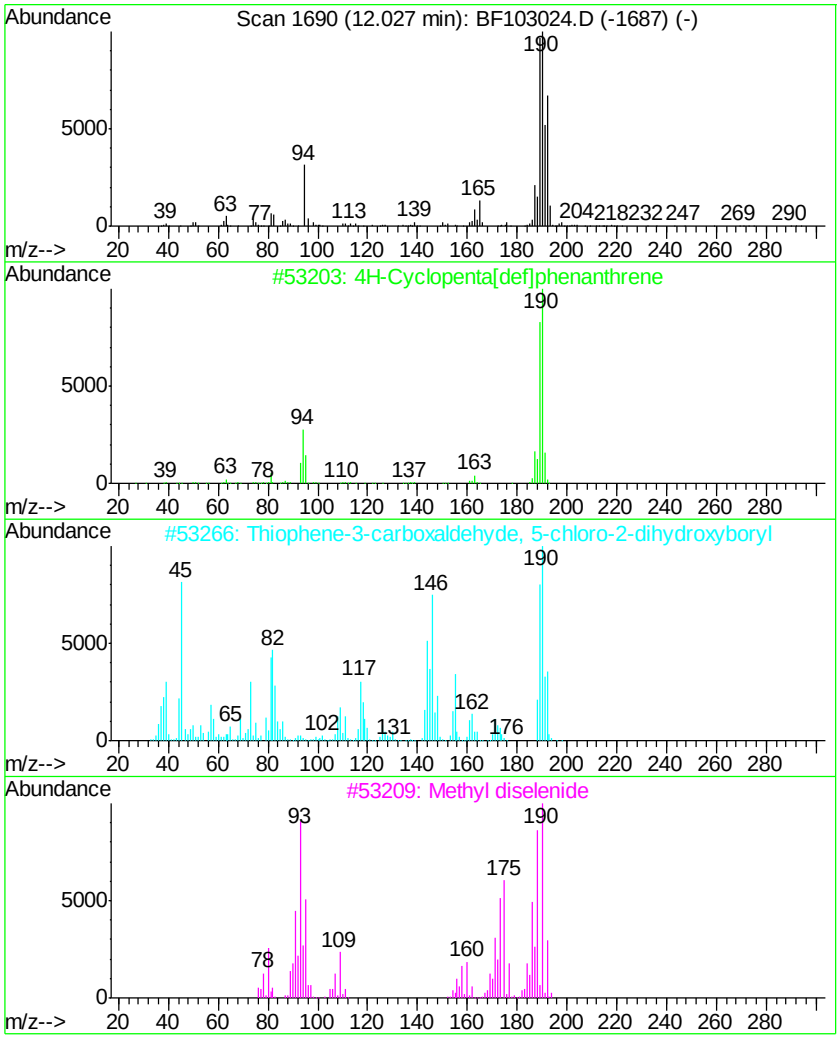
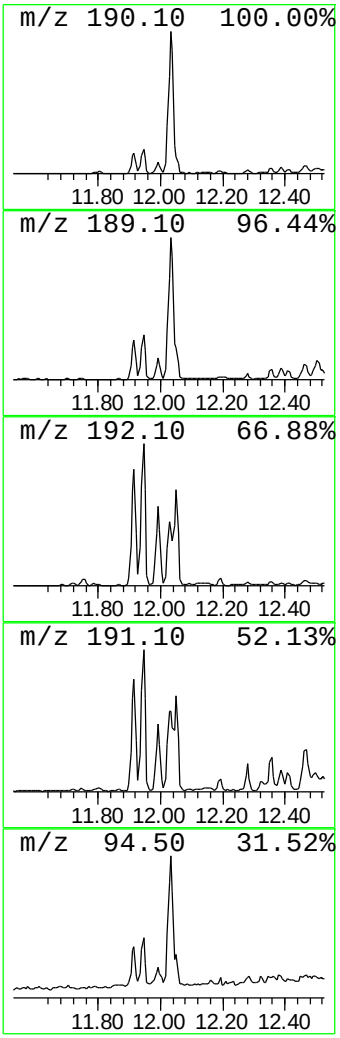
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.61 ng	5742410	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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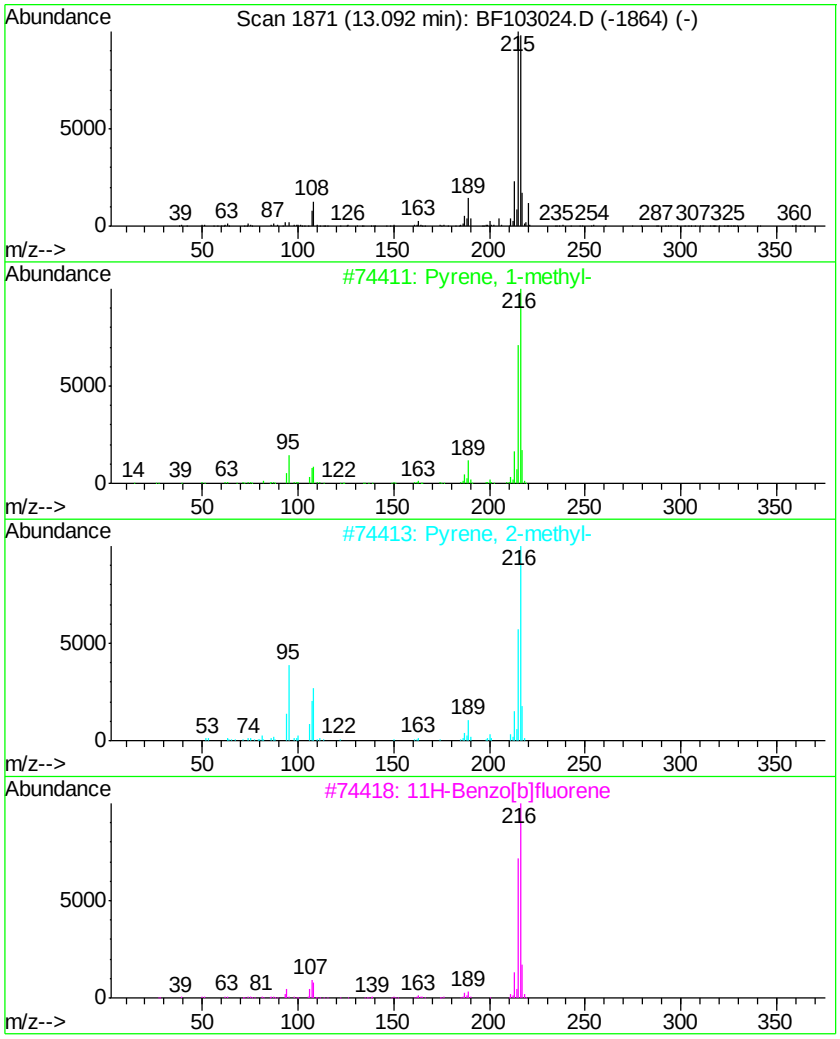
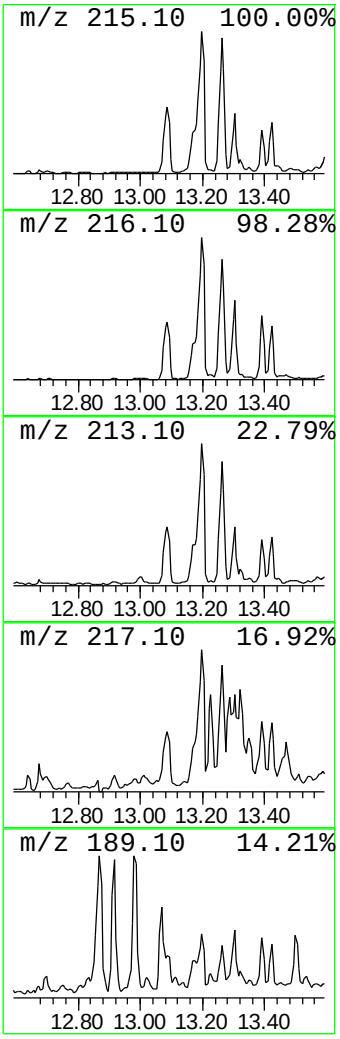
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.15 ng	2076640	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

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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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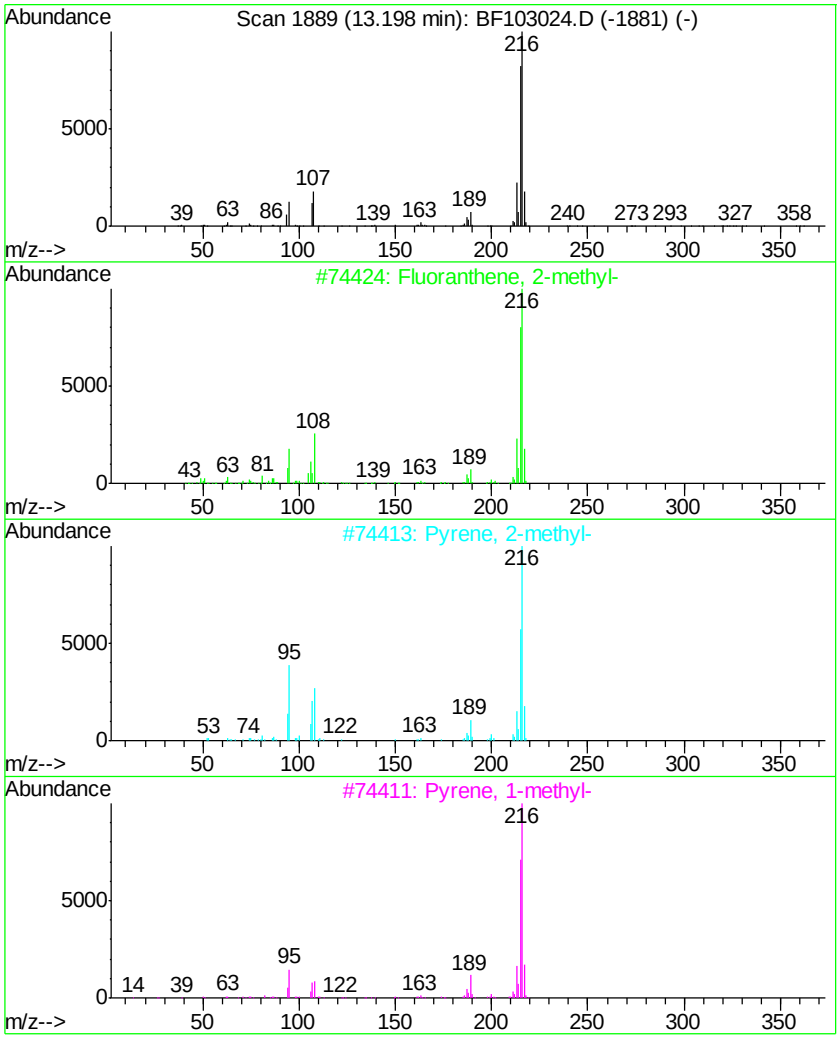
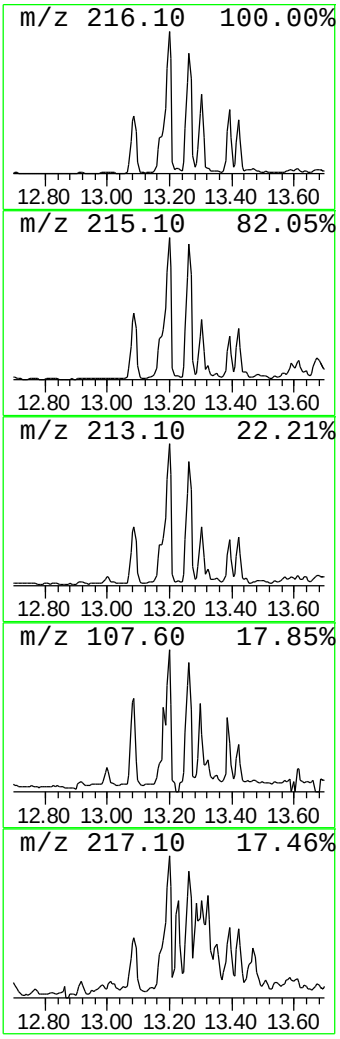
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	10.81 ng	3652050	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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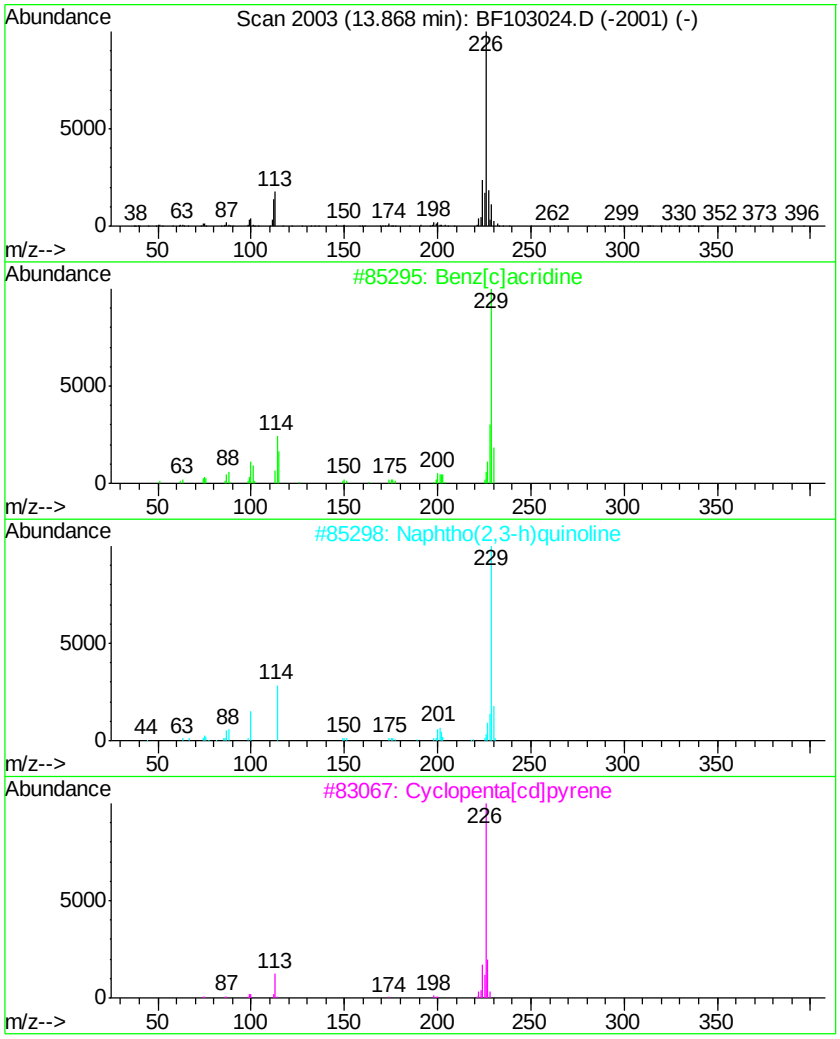
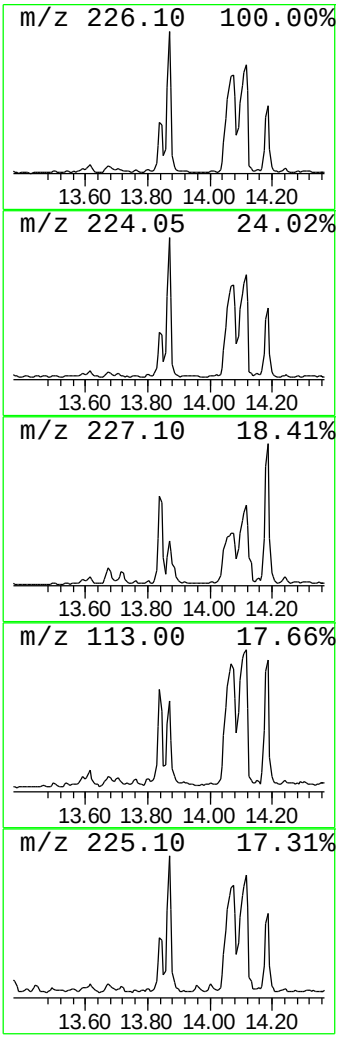
Peak Number 18 Benz[c]acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.66 ng	1573870	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	86
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	46
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	42
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	42
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	27





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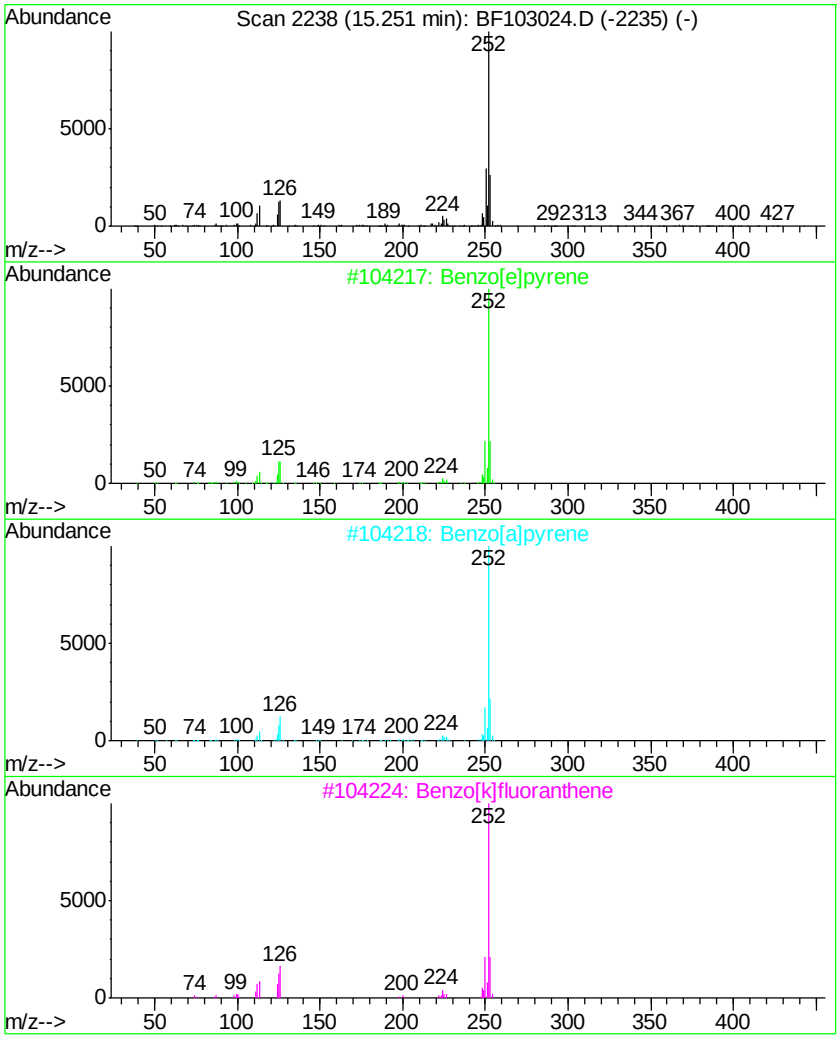
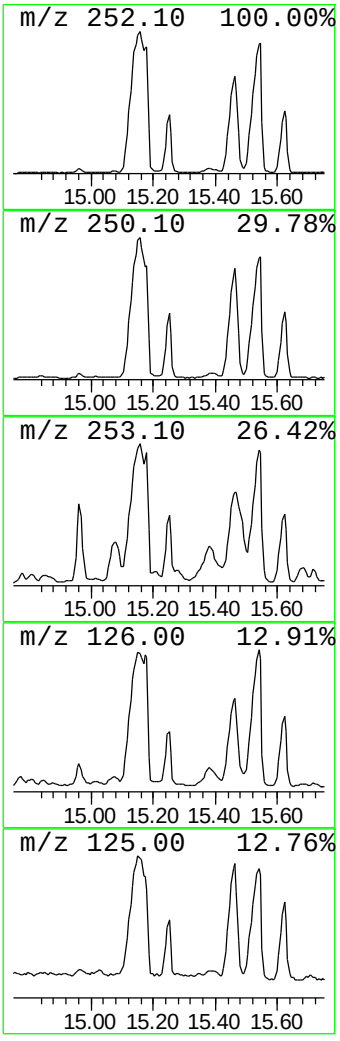
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	20.00 ng	1040530	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	81





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

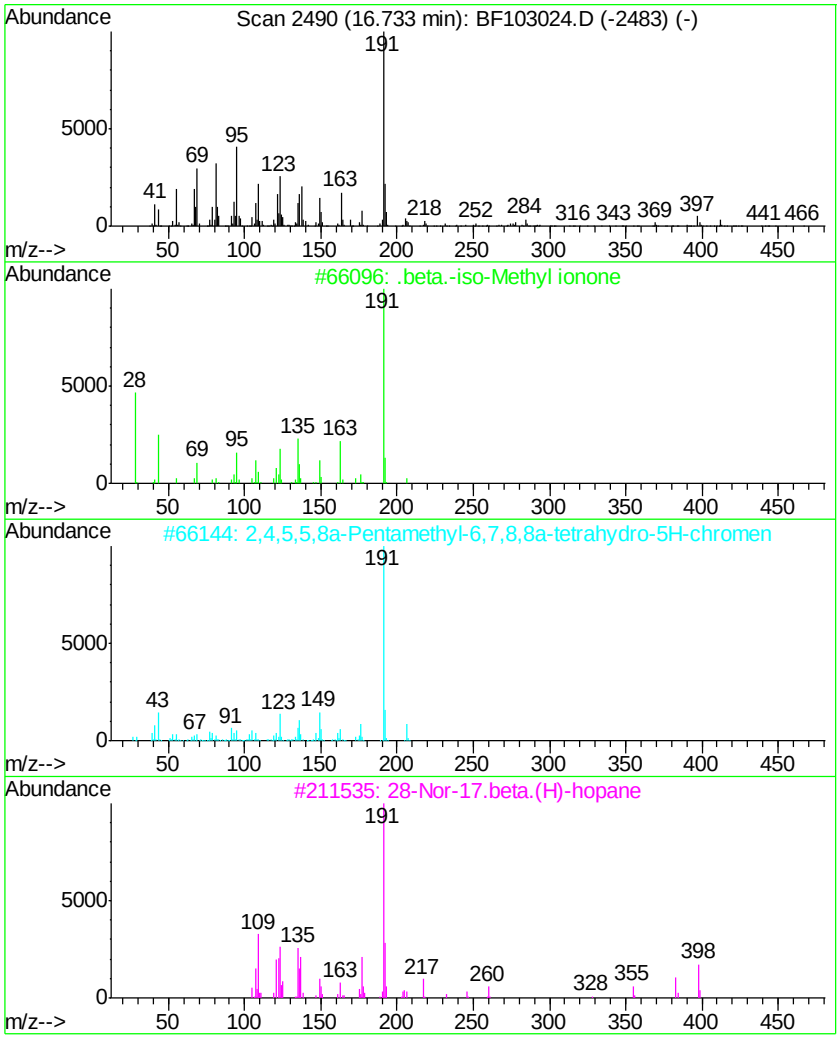
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

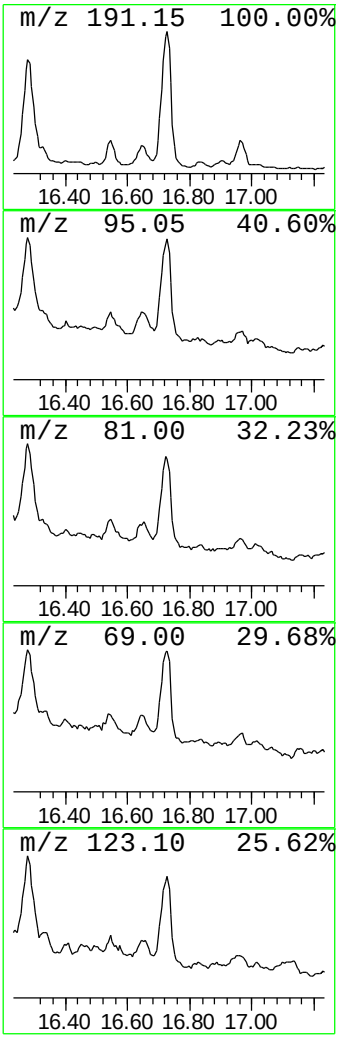
****

Peak Number 20 unknown16.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	66.90 ng	3480670	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
4	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	25
5	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	25





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103024.D
Acq On : 15 Feb 2018 18:16
Operator : SJ/JU
Sample : J1540-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CB-3-LINE-NW@3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.15	20.3	ng	1134930	1	6.87	1118210	20.0
unknown6.65	6.65	75.7	ng	4233810	1	6.87	1118210	20.0
Naphthalene, 1-me...	8.97	8.7	ng	618400	2	8.16	1420770	20.0
Naphthalene, 2,6-...	9.49	6.7	ng	472166	3	9.92	1402810	20.0
Naphthalene, 2,3-...	9.57	9.0	ng	633573	3	9.92	1402810	20.0
Naphthalene, 2,3,...	10.32	5.1	ng	354896	3	9.92	1402810	20.0
Benzene, [1-(2,4-...	10.53	7.1	ng	499692	3	9.92	1402810	20.0
Fluorene, 2,4a-di...	10.55	12.3	ng	860602	3	9.92	1402810	20.0
1,1'-Biphenyl, 2-...	10.60	7.8	ng	547814	3	9.92	1402810	20.0
[1,1'-Biphenyl]-4...	10.62	12.2	ng	858226	3	9.92	1402810	20.0
4H-Cyclopenta[def...	12.03	7.6	ng	5742410	4	11.42	15091100	20.0
Pyrene, 1-methyl-	13.09	6.2	ng	2076640	5	14.09	6756130	20.0
Fluoranthene, 2-m...	13.20	10.8	ng	3652050	5	14.09	6756130	20.0
Benz[c]acridine	13.87	4.7	ng	1573870	5	14.09	6756130	20.0
Benzo[e]pyrene	15.25	20.0	ng	1040530	6	15.59	1040530	20.0
unknown16.73	16.73	66.9	ng	3480670	6	15.59	1040530	20.0