LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111170.D
Acq On : 7 Dec 2018 6:49
Operator : JU/SJ
Sample : J6168-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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	3.246	194	197	213	rBV	222374	479668	4.37%	0.306%
2	5.022	488	499	508	rBV2	483882	677603	6.17%	0.433%
3	5.428	562	568	571	rBV	9851224	9715554	88.53%	6.203%
4	6.440	734	740	747	rBV2	9674988	10973694	100.00%	7.006%
5	6.581	759	764	767	rBV	10143342	9835036	89.62%	6.279%
6	6.810	799	803	806	rBV	3452497	2793912	25.46%	1.784%
7	6.969	825	830	833	rVB	8652782	7688226	70.06%	4.908%
8	7.369	892	898	901	rBV	6800719	6245130	56.91%	3.987%
9	7.869	979	983	986	rVB	1092488	949381	8.65%	0.606%
10	7.934	991	994	996	rBV	384521	324507	2.96%	0.207%
11	7.998	1001	1005	1010	rBV2	776402	670204	6.11%	0.428%
12	8.086	1016	1020	1023	rBV	3599649	3287950	29.96%	2.099%
13	8.898	1154	1158	1161	rVB	198232	158353	1.44%	0.101%
14	9.163	1199	1203	1207	rBV	7938640	7026598	64.03%	4.486%
15	9.504	1257	1261	1263	rBV	174121	169885	1.55%	0.108%
16	9.557	1267	1270	1273	rVB	1386252	1016098	9.26%	0.649%
17	9.704	1290	1295	1298	rBV	208095	192253	1.75%	0.123%
18	9.845	1313	1319	1322	rBV	3288521	2889704	26.33%	1.845%
19	9.875	1322	1324	1327	rVB	992556	728255	6.64%	0.465%
20	10.045	1349	1353	1356	rVB	448238	348950	3.18%	0.223%
21	10.386	1408	1411	1417	rVB	797296	655723	5.98%	0.419%
22	10.457	1417	1423	1424	rBV2	160672	203065	1.85%	0.130%
23	10.545	1436	1438	1443	rVB	220081	203476	1.85%	0.130%
24	10.628	1448	1452	1456	rVV	5183294	4466661	40.70%	2.852%
25	10.751	1468	1473	1481	rVB5	130963	211518	1.93%	0.135%
26	10.910	1497	1500	1503	rBV3	103777	154104	1.40%	0.098%
27	10.939	1503	1505	1507	rVV2	152311	137821	1.26%	0.088%
28	11.069	1521	1527	1528	rBV3	102970	135835	1.24%	0.087%
29	11.127	1534	1537	1542	rVB	367163	347083	3.16%	0.222%
30	11.186	1542	1547	1549	rBV3	164707	253334	2.31%	0.162%
31	11.222	1550	1553	1556	rVB	370000	301975	2.75%	0.193%
32	11.327	1567	1571	1573	rBV	2686602	2745949	25.02%	1.753%
33	11.351	1573	1575	1578	rVV	7171947	5845349	53.27%	3.732%
34	11.398	1578	1583	1586	rVV	1907146	1666386	15.19%	1.064%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : S2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.433	1586	1589	1593	rVB3	188219	191226	1.74%	0.122%
36	11.551	1603	1609	1612	rBV2	746130	782035	7.13%	0.499%
37	11.657	1624	1627	1630	rVB3	175810	150789	1.37%	0.096%
38	11.739	1638	1641	1644	rVB2	109019	137214	1.25%	0.088%
39	11.827	1652	1656	1658	rVV	1035735	894245	8.15%	0.571%
40	11.857	1658	1661	1665	rVV	2253333	2053137	18.71%	1.311%
41	11.904	1665	1669	1671	rVV	478341	501197	4.57%	0.320%
42	11.939	1671	1675	1677	rVV	1663994	1643441	14.98%	1.049%
43	11.963	1677	1679	1682	rVB	698238	544898	4.97%	0.348%
44	12.122	1703	1706	1708	rBV	725021	654881	5.97%	0.418%
45	12.139	1708	1709	1713	rVB	648226	426262	3.88%	0.272%
46	12.274	1729	1732	1734	rVB	224680	166937	1.52%	0.107%
47	12.327	1739	1741	1743	rVB	194575	148063	1.35%	0.095%
48	12.374	1743	1749	1753	rBV2	518409	692546	6.31%	0.442%
49	12.416	1753	1756	1758	rVV	309163	375506	3.42%	0.240%
50	12.457	1761	1763	1769	rVB2	454943	561465	5.12%	0.358%
51	12.545	1773	1778	1781	rBV	8771124	8468123	77.17%	5.406%
52	12.586	1781	1785	1790	rVV4	200835	339522	3.09%	0.217%
53	12.645	1792	1795	1797	rVV2	299978	290424	2.65%	0.185%
54	12.686	1800	1802	1807	rVB	312118	311469	2.84%	0.199%
55	12.769	1810	1816	1820	rBV2	7384146	9222036	84.04%	5.888%
56	12.816	1821	1824	1829	rVB2	390595	493786	4.50%	0.315%
57	12.886	1833	1836	1837	rBV	500101	404359	3.68%	0.258%
58	12.910	1837	1840	1847	rVB	5400317	5446929	49.64%	3.478%
59	12.986	1847	1853	1856	rBV3	564981	950013	8.66%	0.607%
60	13.010	1856	1857	1860	rVB	263984	172662	1.57%	0.110%
61	13.045	1860	1863	1865	rBV2	150039	151958	1.38%	0.097%
62	13.069	1865	1867	1869	rBV	424879	470619	4.29%	0.300%
63	13.092	1869	1871	1874	rVB	1253316	1064694	9.70%	0.680%
64	13.127	1874	1877	1879	rBV2	130132	152951	1.39%	0.098%
65	13.163	1879	1883	1885	rBV	846388	765062	6.97%	0.488%
66	13.198	1885	1889	1891	rBV2	930840	832580	7.59%	0.532%
67	13.221	1891	1893	1896	rVB	314575	302707	2.76%	0.193%
68	13.257	1896	1899	1902	rBV2	193988	174689	1.59%	0.112%
69	13.292	1902	1905	1907	rBV	404223	346037	3.15%	0.221%
70	13.321	1907	1910	1914	rBV2	471370	477817	4.35%	0.305%
71	13.398	1920	1923	1931	rVB6	207124	323458	2.95%	0.207%

LSC Area Percent Report

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Sample : J6168-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	13.498	1932	1940	1942	rBV7	244572	486032	4.43%	0.310%
73	13.598	1954	1957	1962	rVB	636302	704975	6.42%	0.450%
74	13.710	1971	1976	1979	rBV2	665073	904714	8.24%	0.578%
75	13.739	1979	1981	1983	rVV	753399	624660	5.69%	0.399%
76	13.763	1983	1985	1989	rVV2	594393	784251	7.15%	0.501%
77	13.804	1989	1992	1993	rVV2	681823	670082	6.11%	0.428%
78	13.821	1993	1995	1999	rVB	635586	638306	5.82%	0.408%
79	13.957	2011	2018	2021	rBV3	4865680	6746595	61.48%	4.307%
80	13.992	2021	2024	2029	rVB	3389426	3365333	30.67%	2.149%
81	14.068	2035	2037	2040	rVB	674956	513014	4.67%	0.328%
82	14.145	2047	2050	2053	rVB	421774	343093	3.13%	0.219%
83	14.180	2053	2056	2060	rBV2	419197	437323	3.99%	0.279%
84	14.280	2071	2073	2076	rVB	184354	167475	1.53%	0.107%
85	14.310	2076	2078	2080	rBV	223247	216739	1.98%	0.138%
86	14.345	2080	2084	2087	rVV	593108	717300	6.54%	0.458%
87	14.380	2087	2090	2093	rVB	365059	365863	3.33%	0.234%
88	14.445	2098	2101	2103	rVV3	301557	347877	3.17%	0.222%
89	14.468	2103	2105	2107	rVV	255684	242581	2.21%	0.155%
90	14.492	2107	2109	2113	rVB4	346598	315481	2.87%	0.201%
91	14.645	2132	2135	2138	rBV2	186044	236952	2.16%	0.151%
92	14.827	2161	2166	2174	rVB4	226170	410439	3.74%	0.262%
93	14.992	2189	2194	2197	rBV	2237938	3710503	33.81%	2.369%
94	15.092	2207	2211	2217	rVB2	501978	601090	5.48%	0.384%
95	15.280	2239	2243	2249	rVB	1272990	1650181	15.04%	1.054%
96	15.339	2249	2253	2259	rBV	1936118	2274984	20.73%	1.452%
97	15.404	2259	2264	2266	rBV	1153700	1455328	13.26%	0.929%
98	15.433	2266	2269	2271	rVB	356352	369140	3.36%	0.236%
99	16.815	2499	2504	2513	rVB2	867801	1630477	14.86%	1.041%
100	17.245	2571	2577	2584	rVB	586518	1116134	10.17%	0.713%

Sum of corrected areas: 156631899

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111170.D
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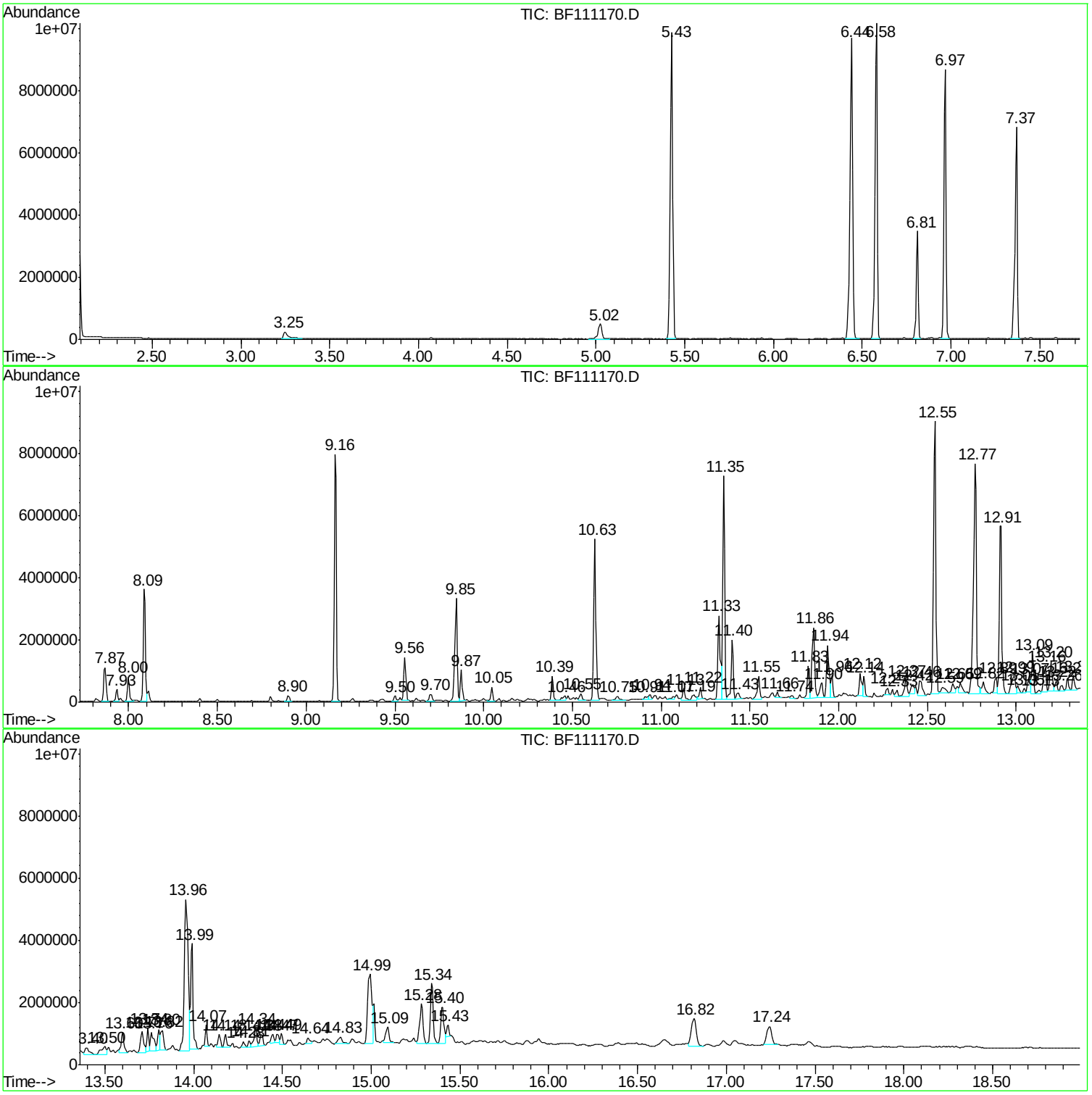
Sample : J6168-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

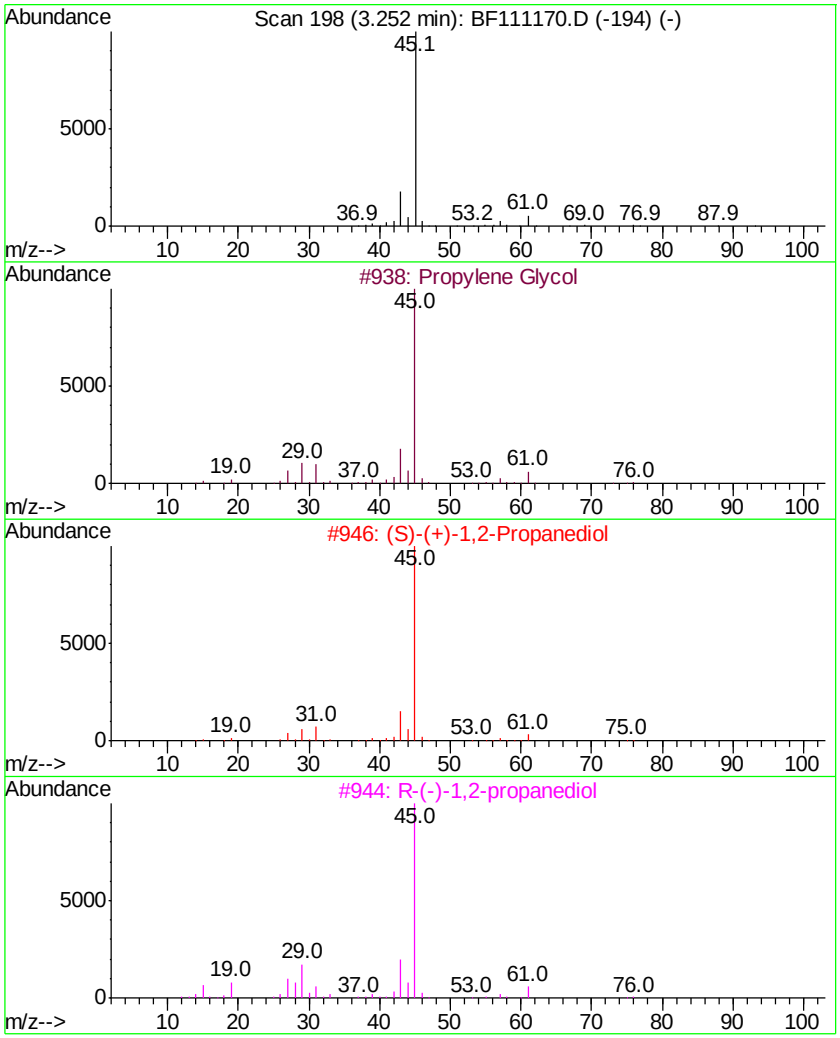
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

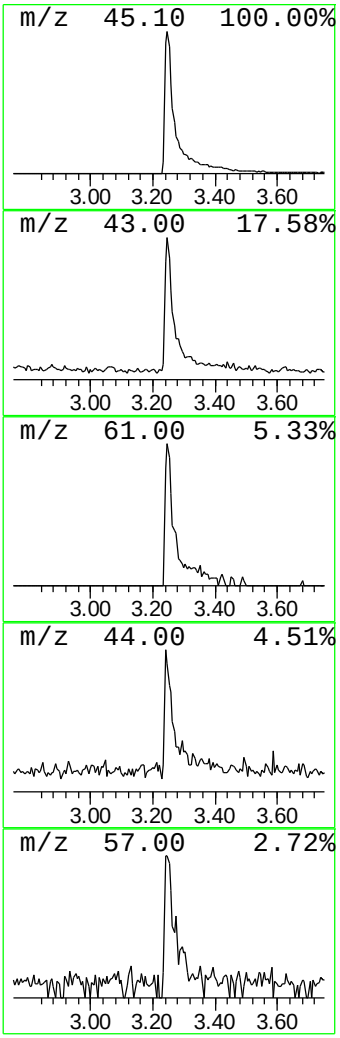
****

Peak Number 1 Propylene Glycol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	3.43 ng	479668	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Ethanol, 2-methoxy-, carbonate (...	178	C7H14O5	000626-84-6	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111170.D
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Instrument : BNA_F
ClientSampleId : S2

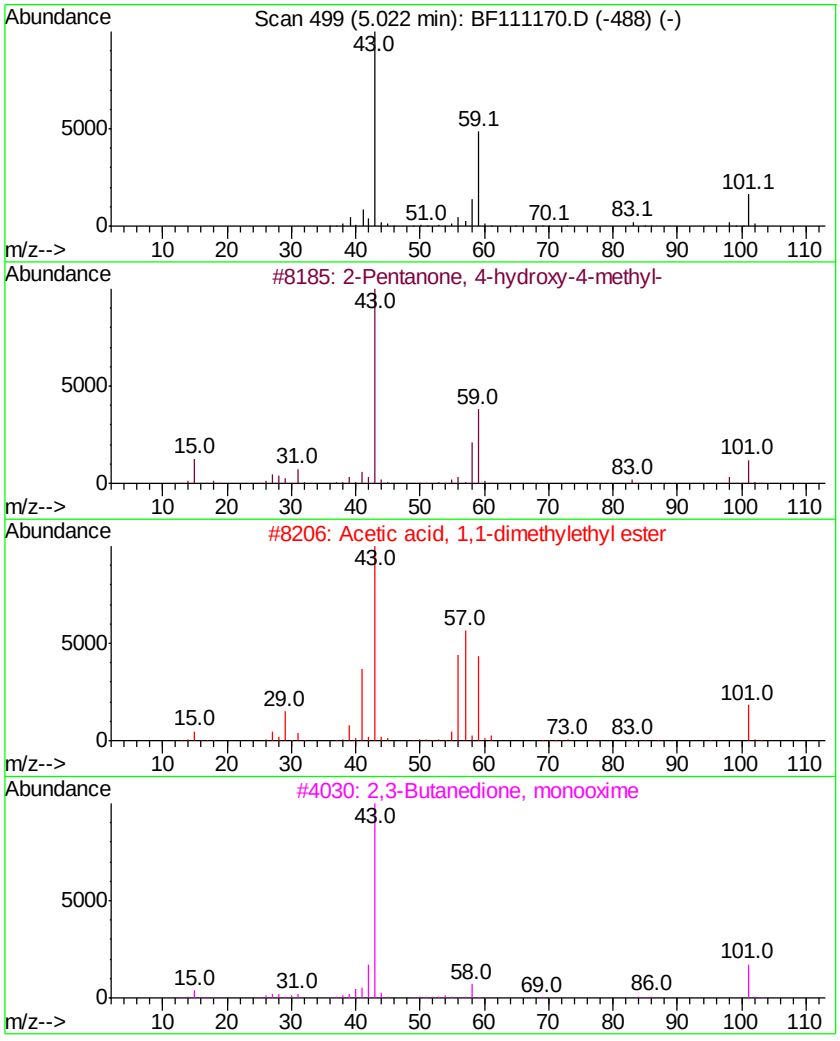
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

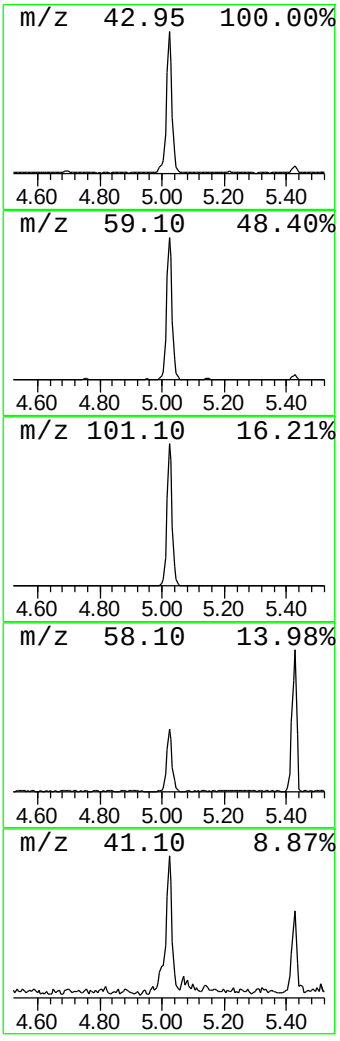
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.85 ng	677603	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

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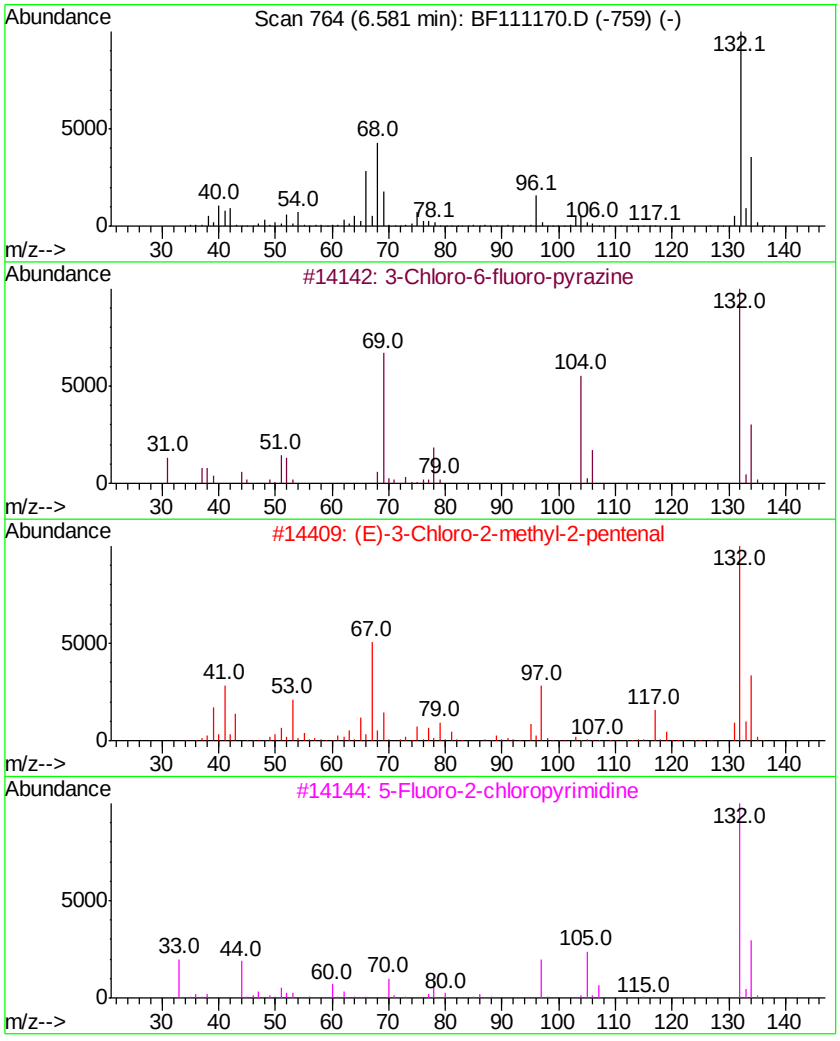
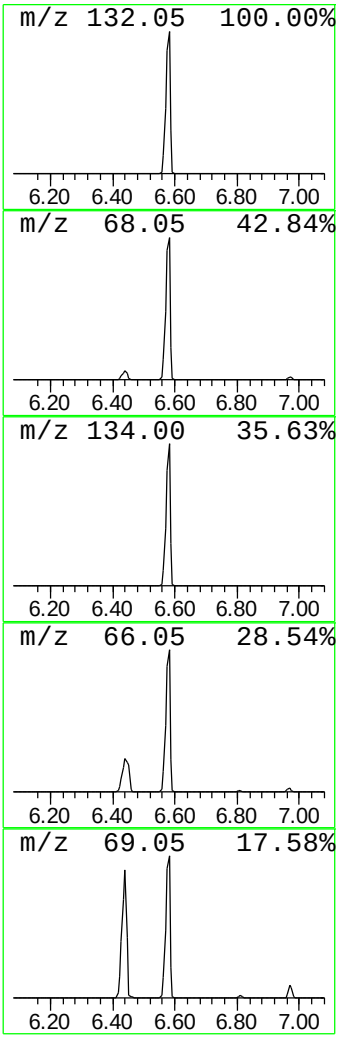
****

Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	70.40 ng	9835040	1,4-Dichlorobenzene-d4	6.81

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	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

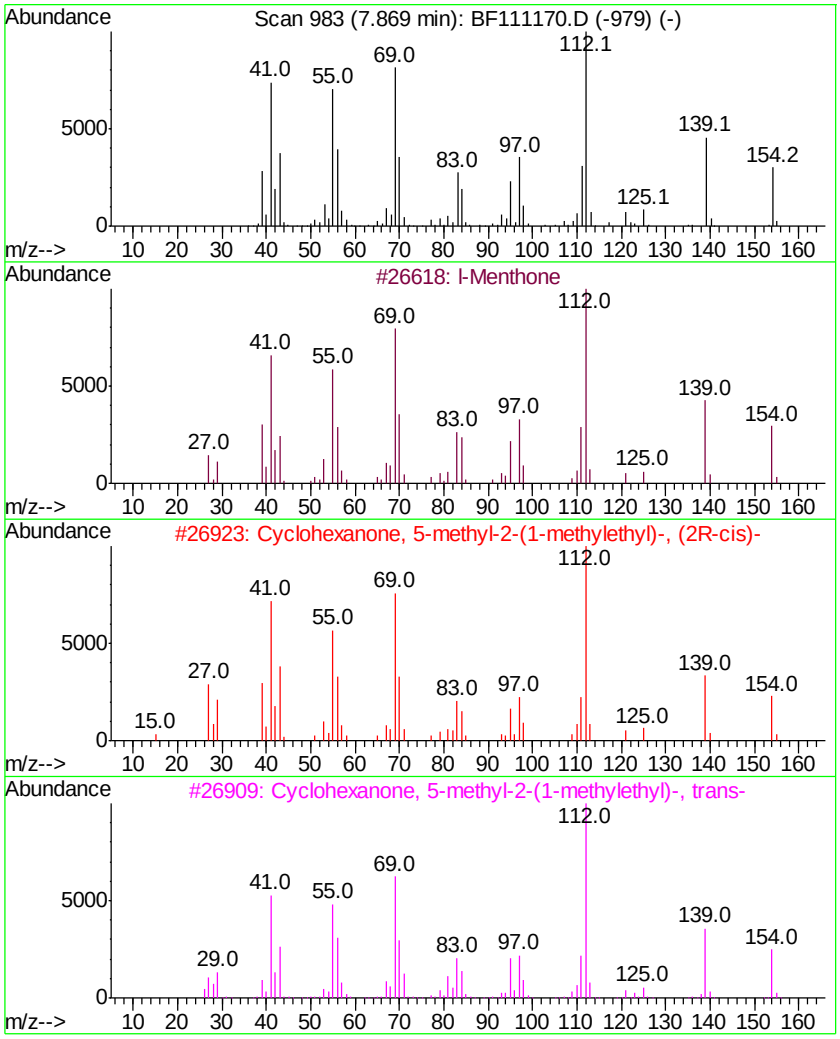
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

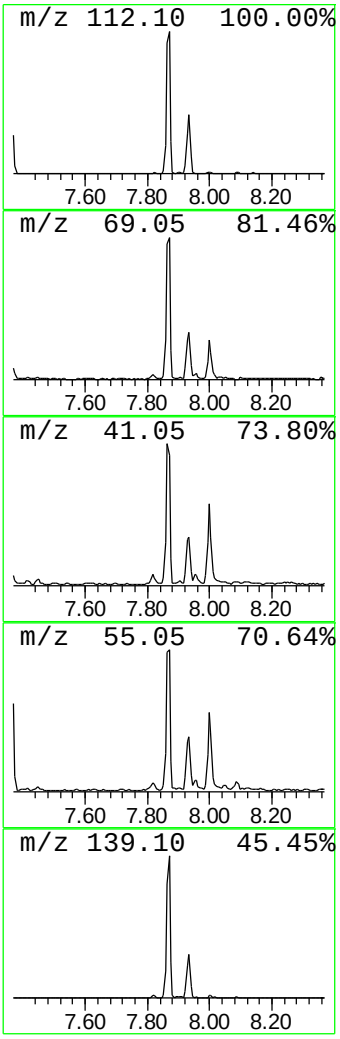
****

Peak Number 5 l-Menthone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.77 ng	949381	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-Menthone	154	C10H18O	014073-97-3	98
2	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	001196-31-2	97
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000089-80-5	97
4	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	95
5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	95





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Sample : J6168-08
Misc :
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Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

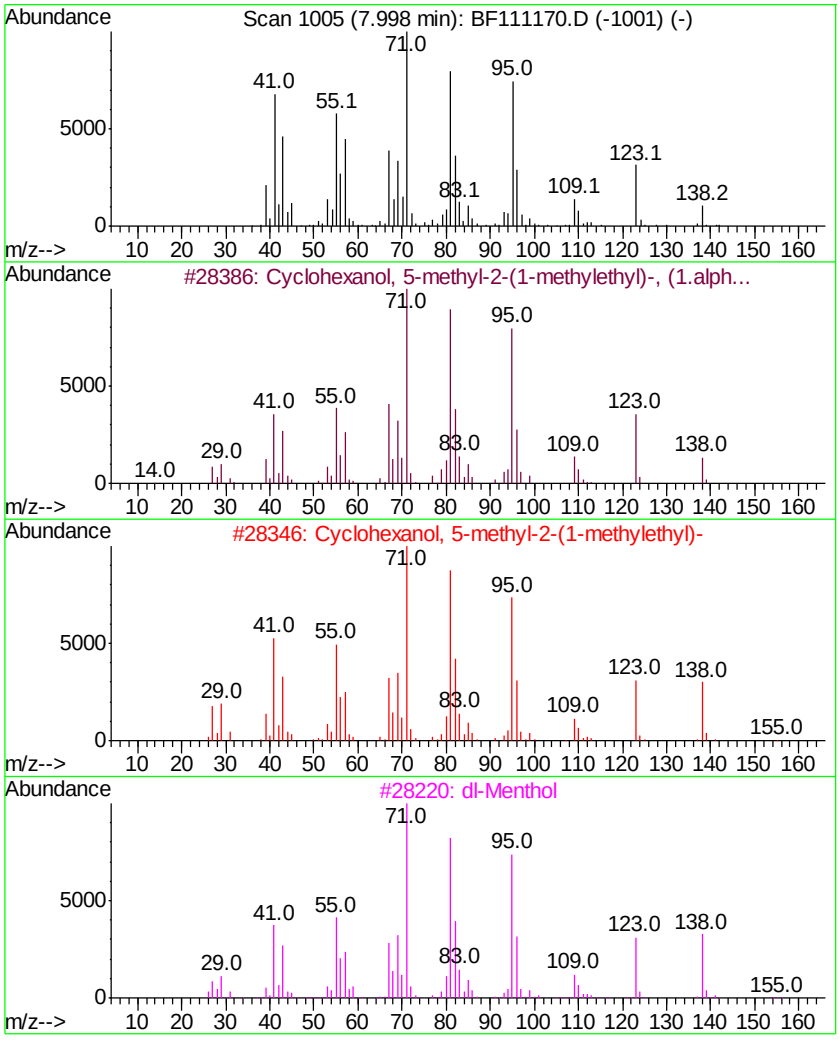
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

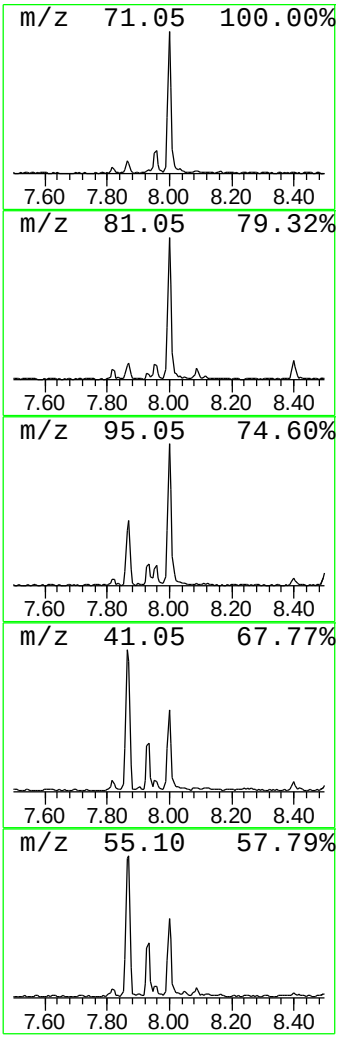
****

Peak Number 6 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	4.08 ng	670204	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
3	dl-Menthol	156	C10H20O	000089-78-1	91
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	90
5	d-Menthol	156	C10H20O	015356-60-2	90





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Operator : JU/SJ
Sample : J6168-08
Misc :
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Instrument : BNA_F
ClientSampleId : S2

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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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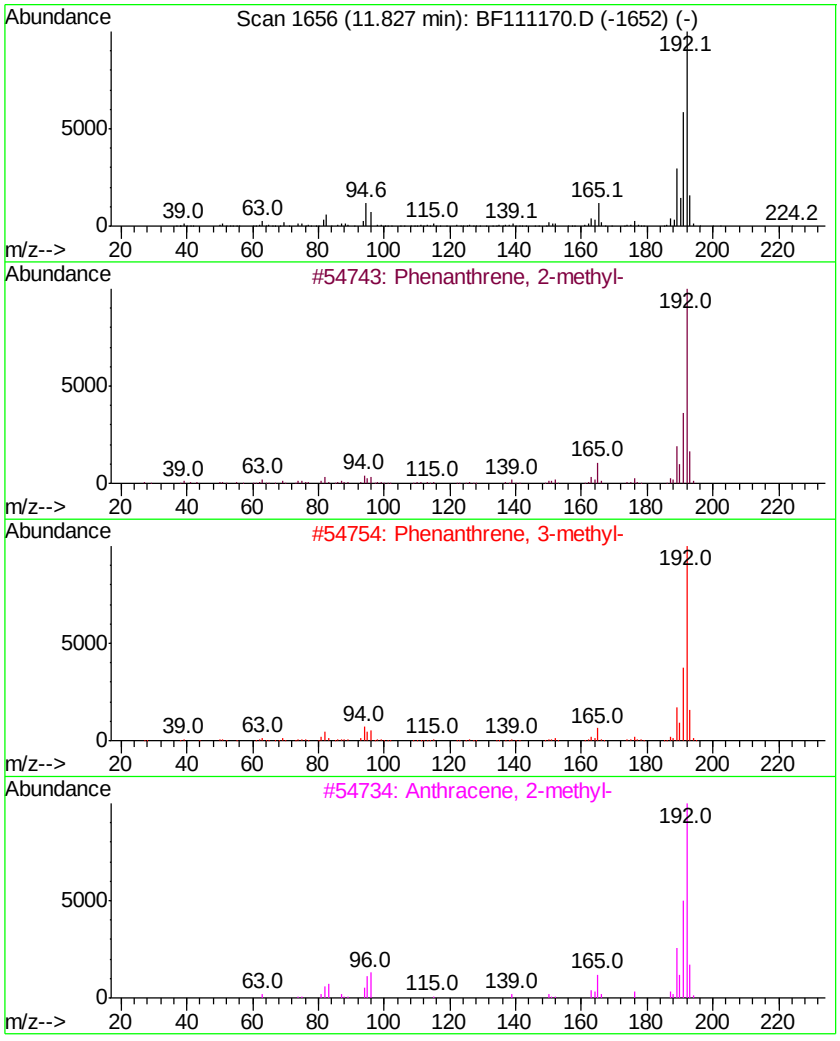
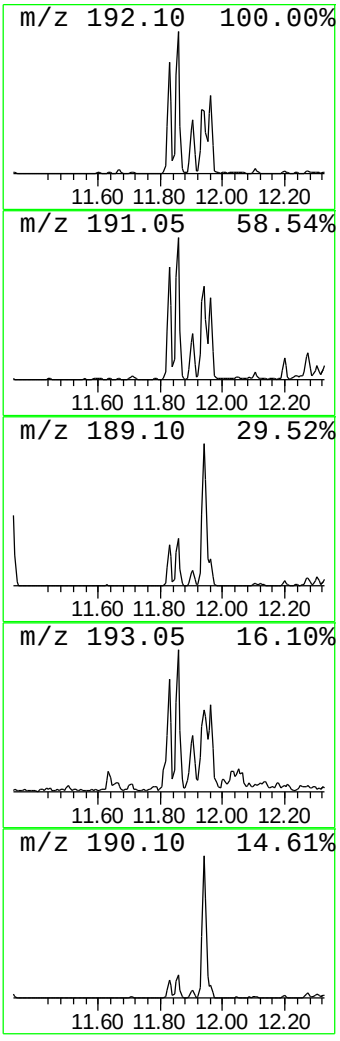
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	6.51 ng	894245	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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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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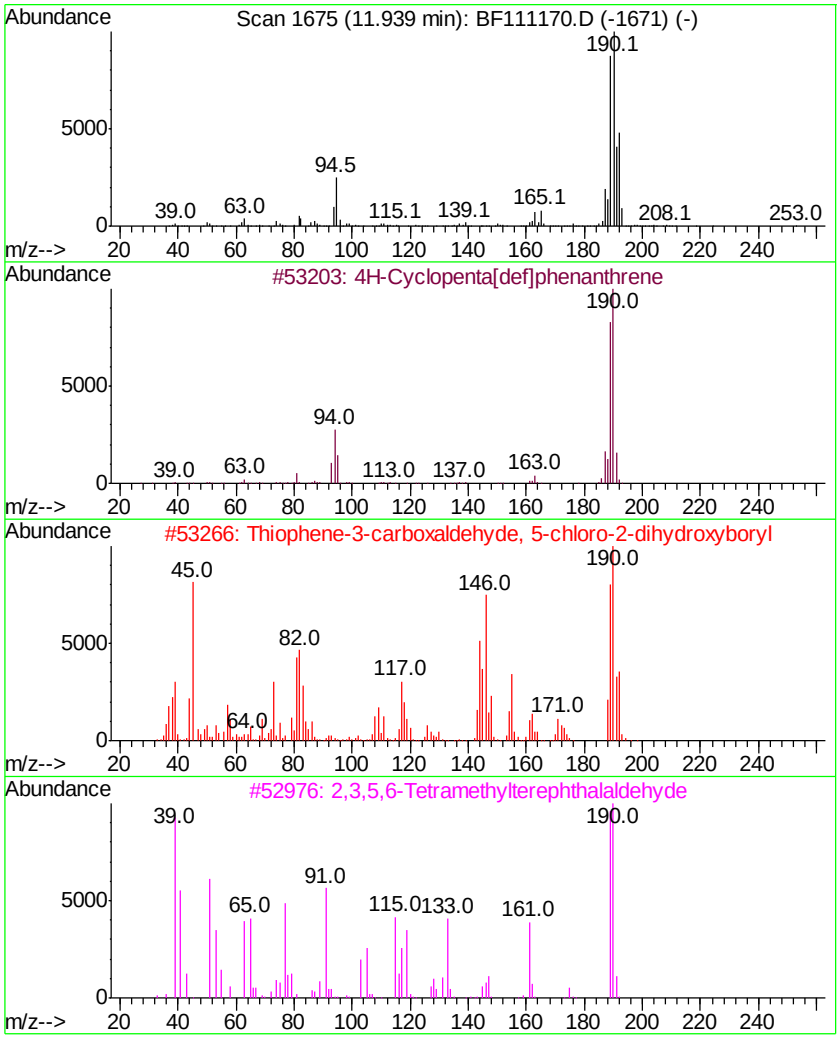
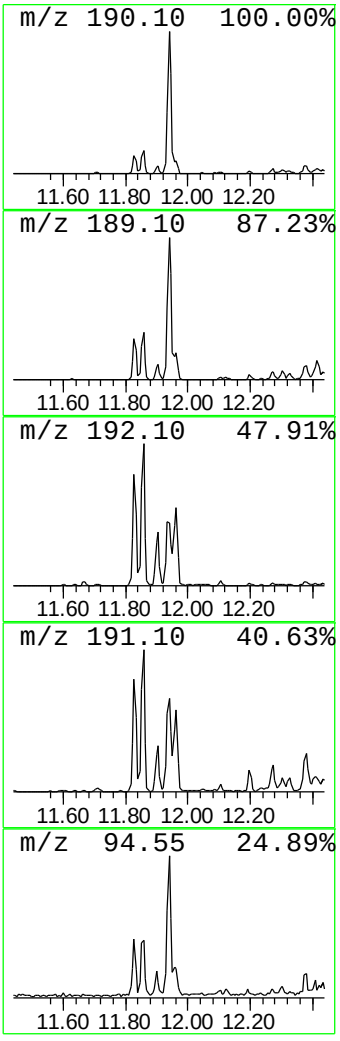
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.97 ng	1643440	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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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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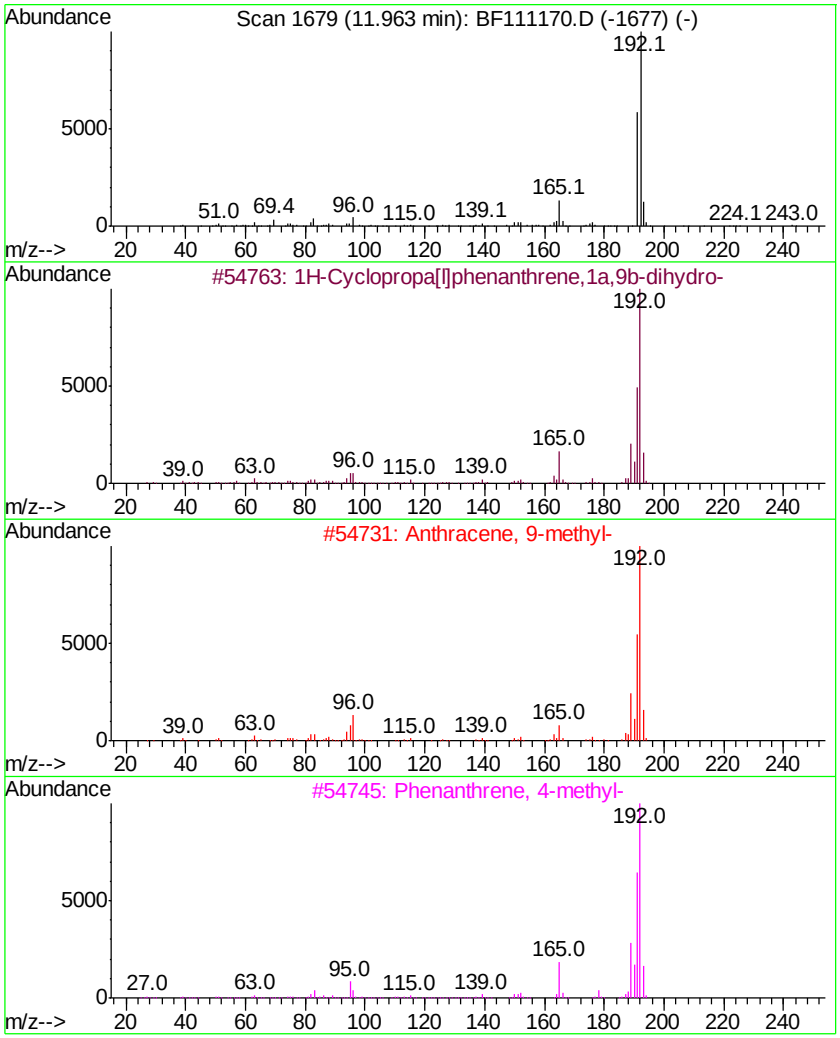
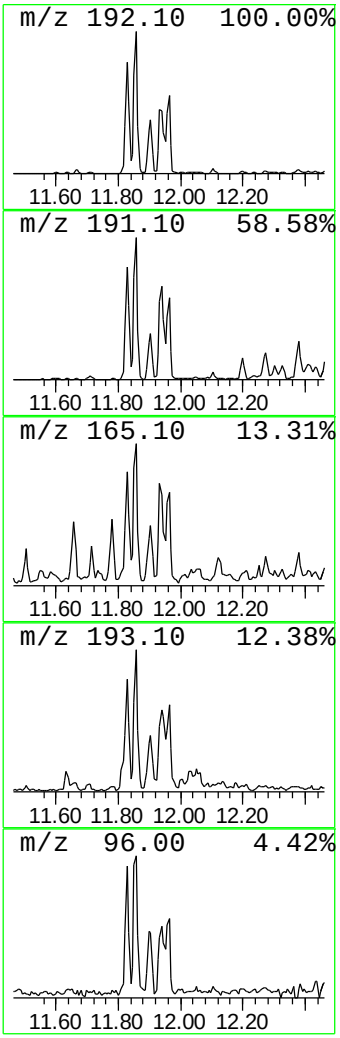
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.97 ng	544898	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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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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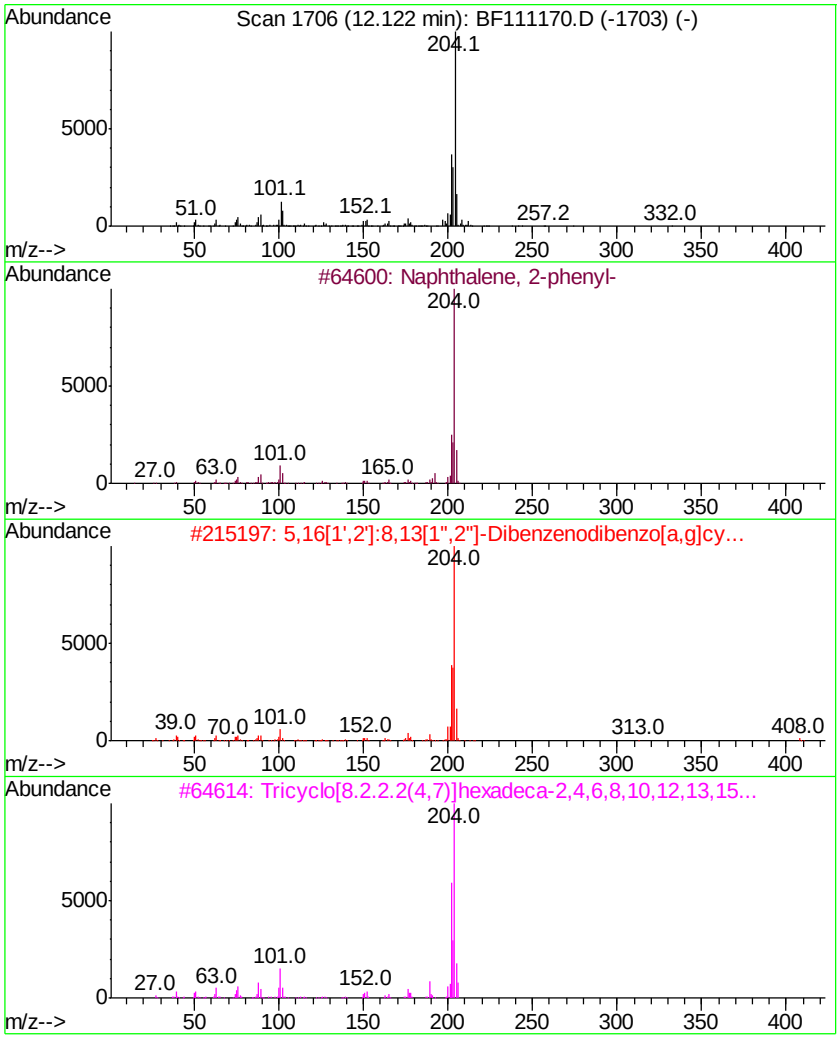
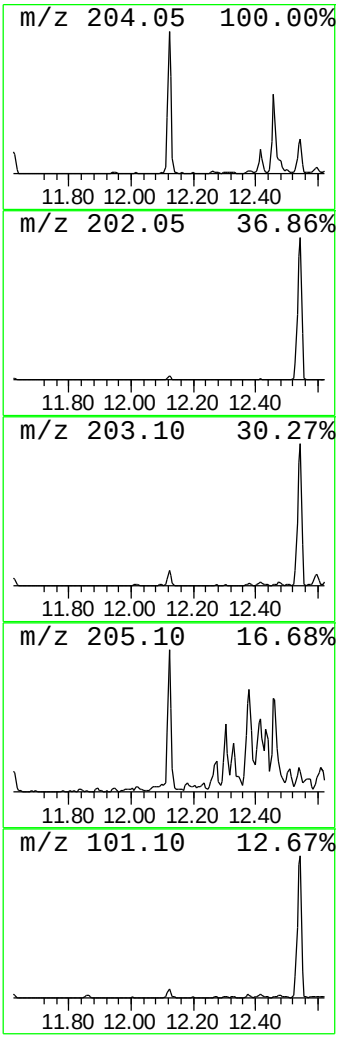
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.77 ng	654881	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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

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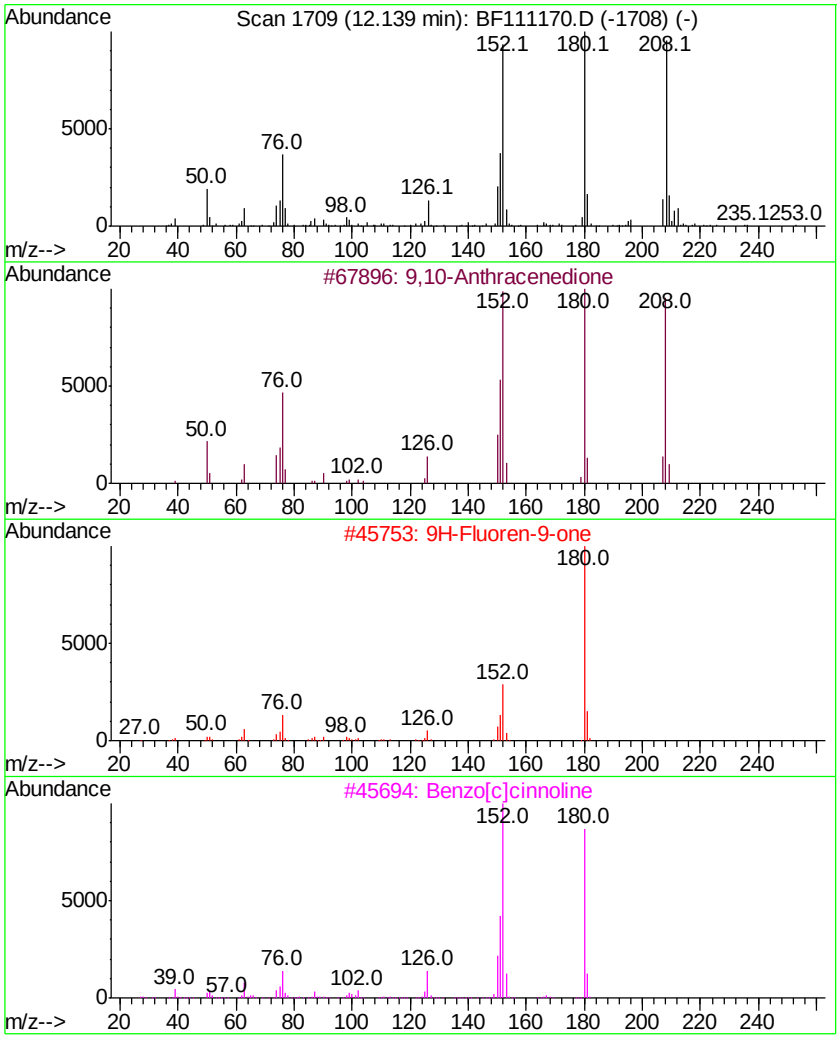
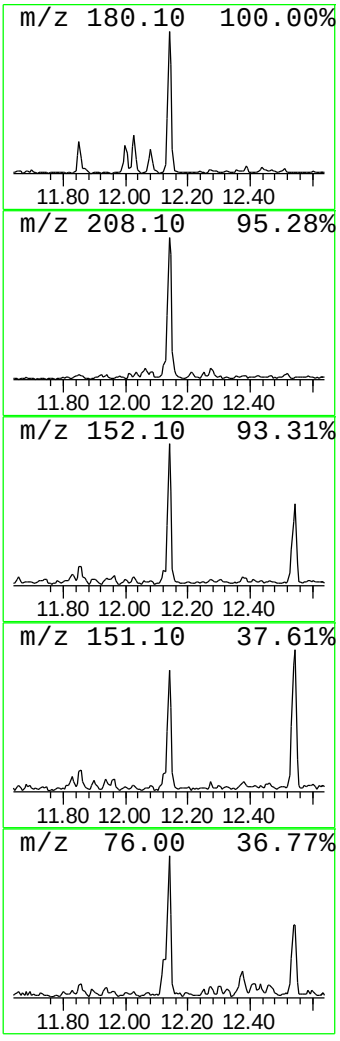
Peak Number 13 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.10 ng	426262	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52





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

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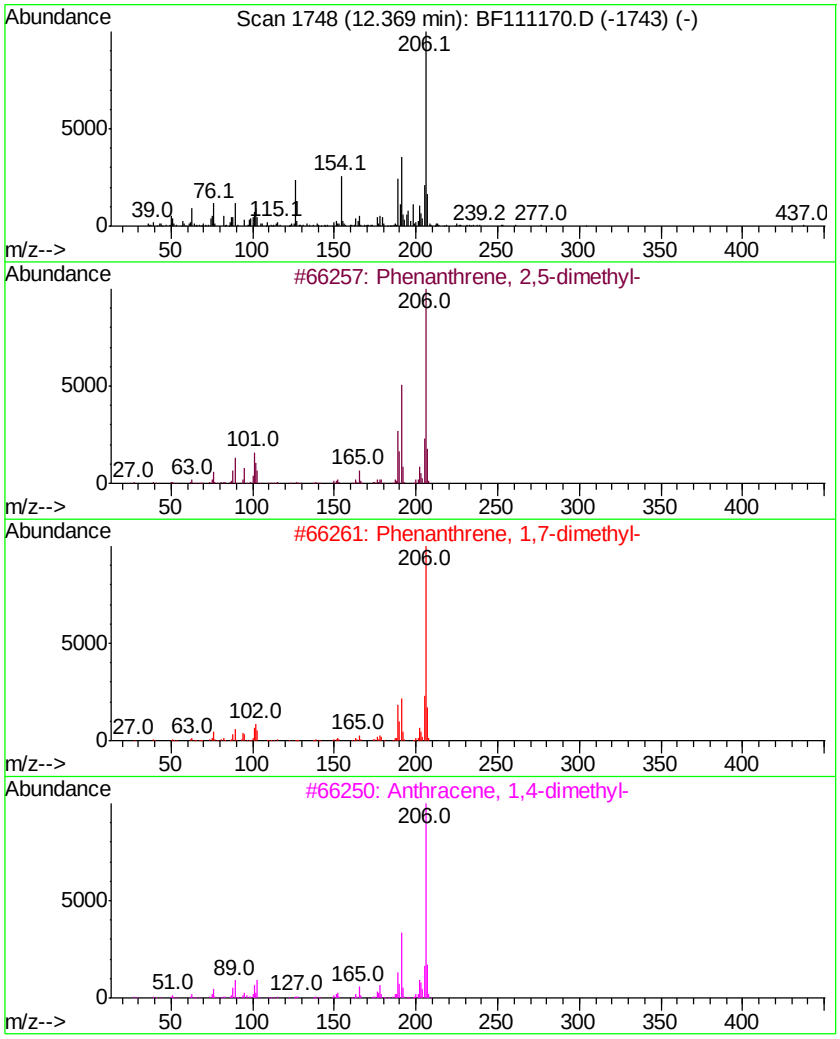
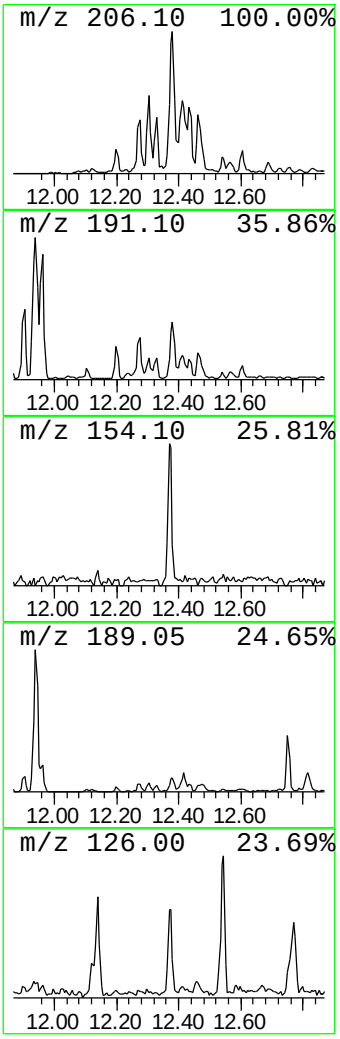
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.04 ng	692546	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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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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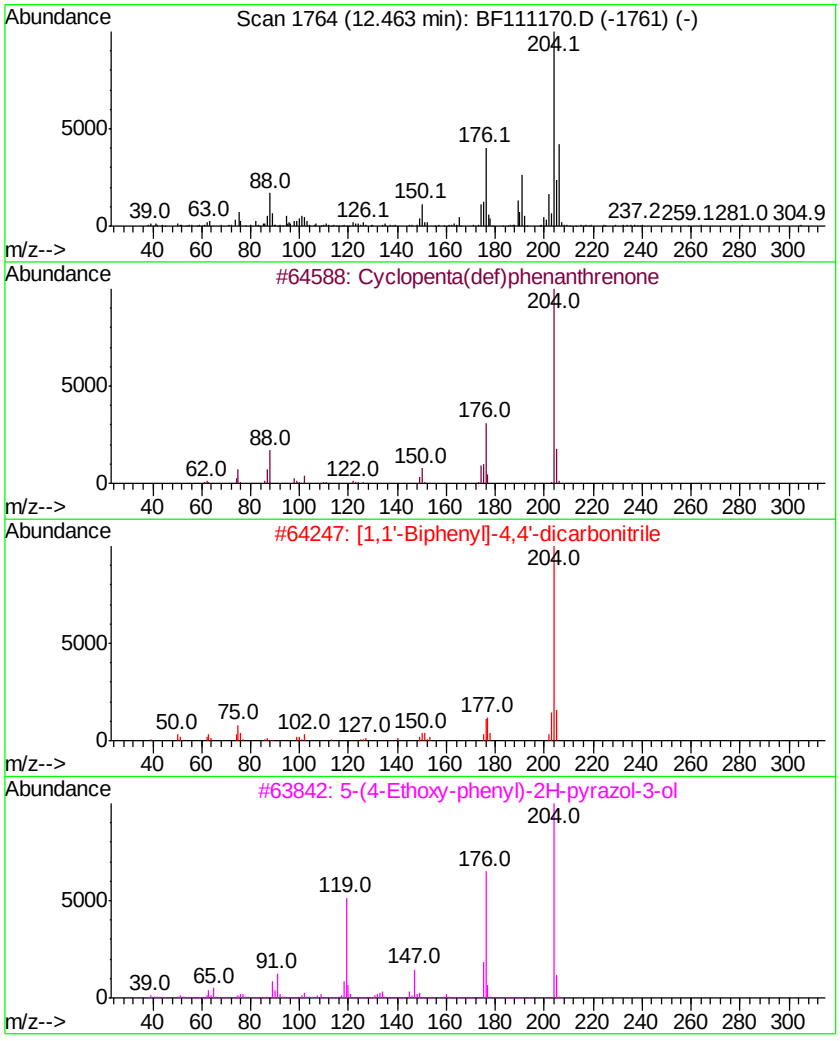
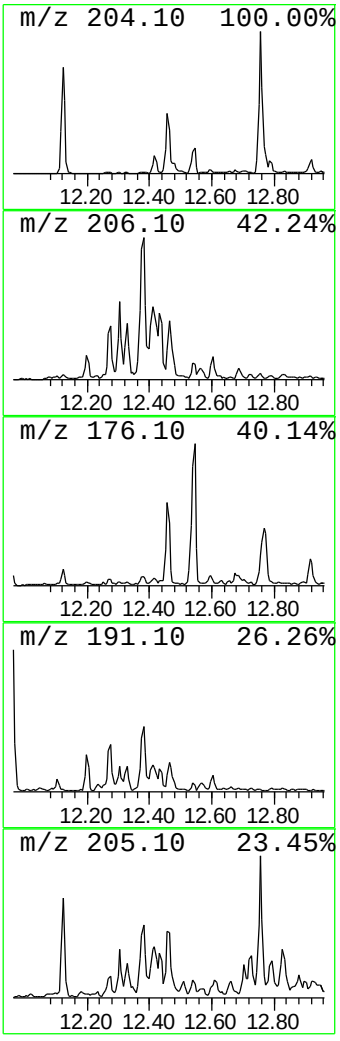
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.09 ng	561465	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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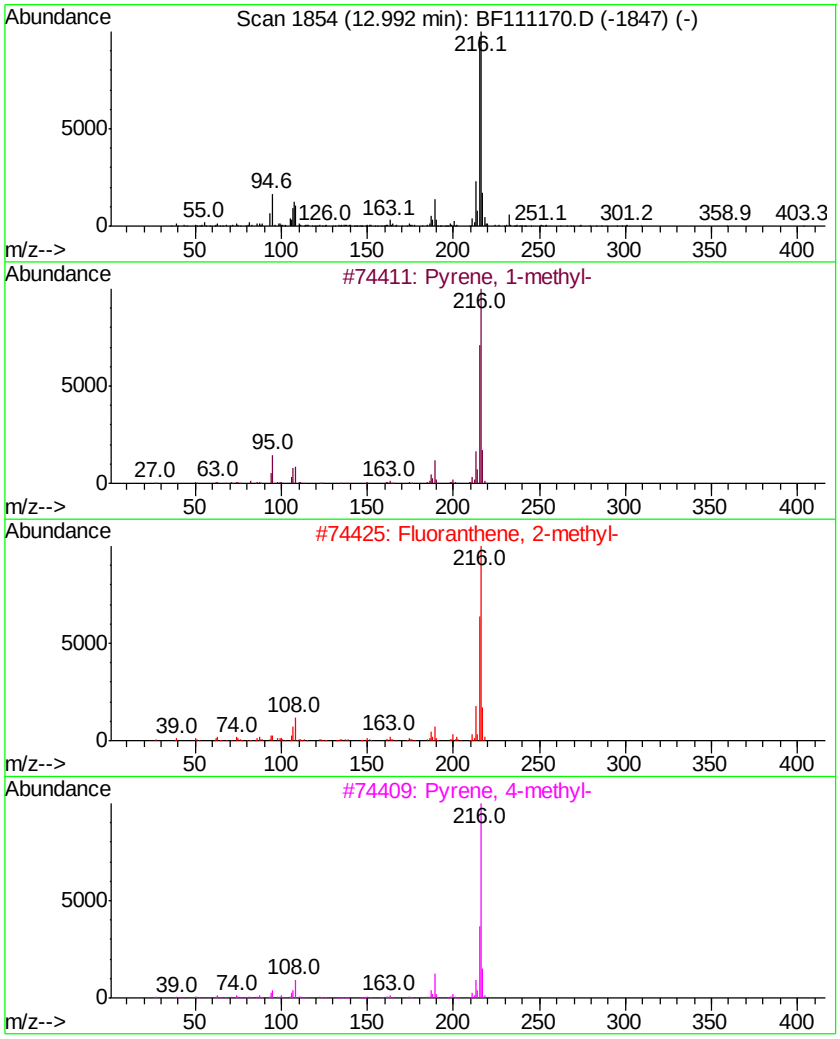
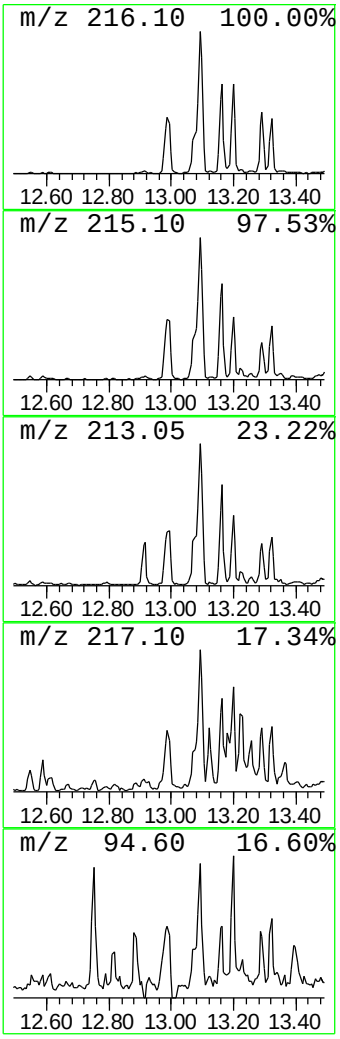
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.82 ng	950013	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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

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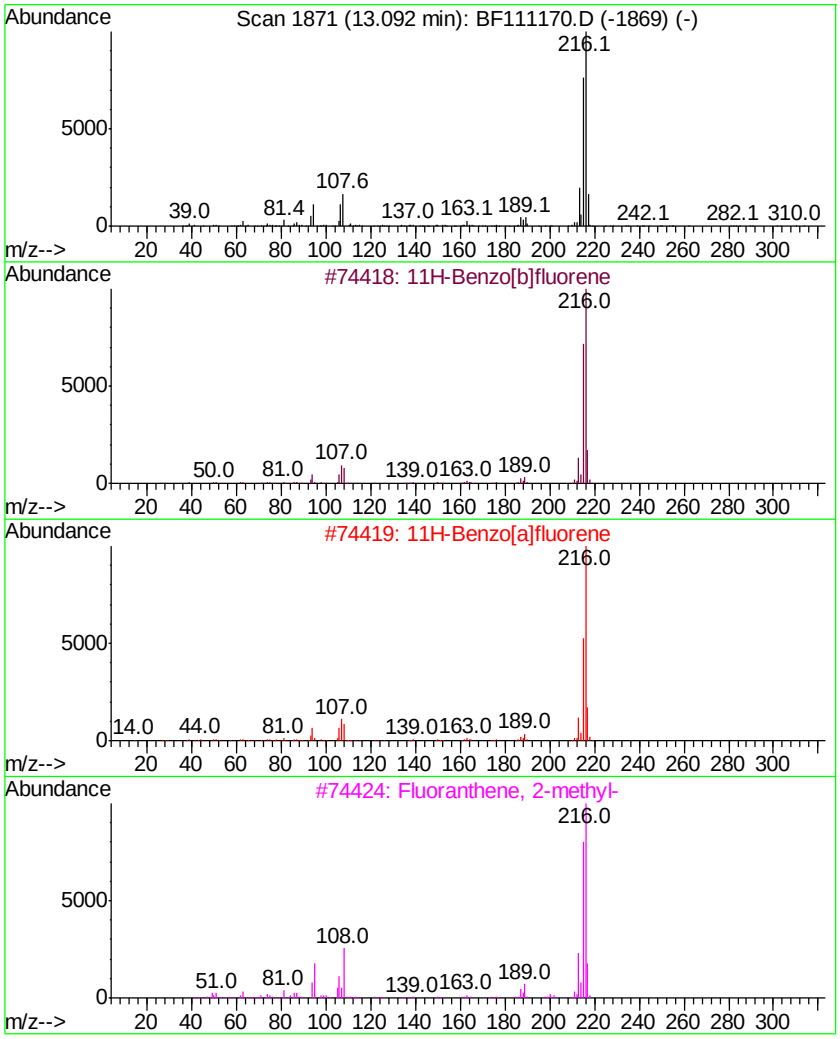
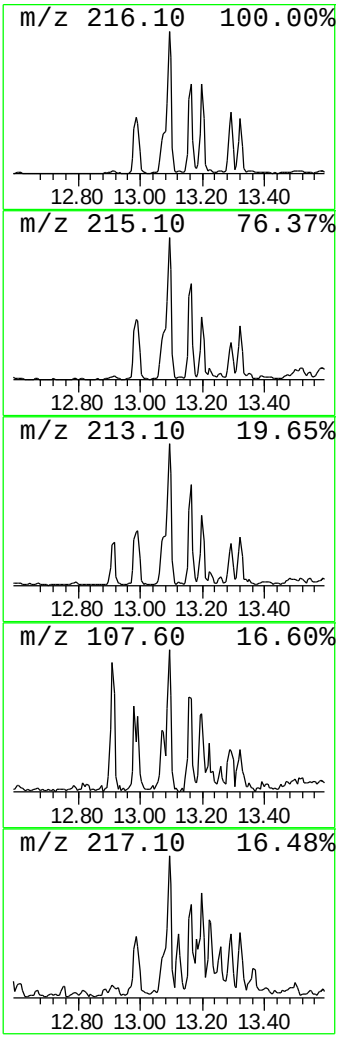
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.16 ng	1064690	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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TIC Integration Parameters: LSCINT.P

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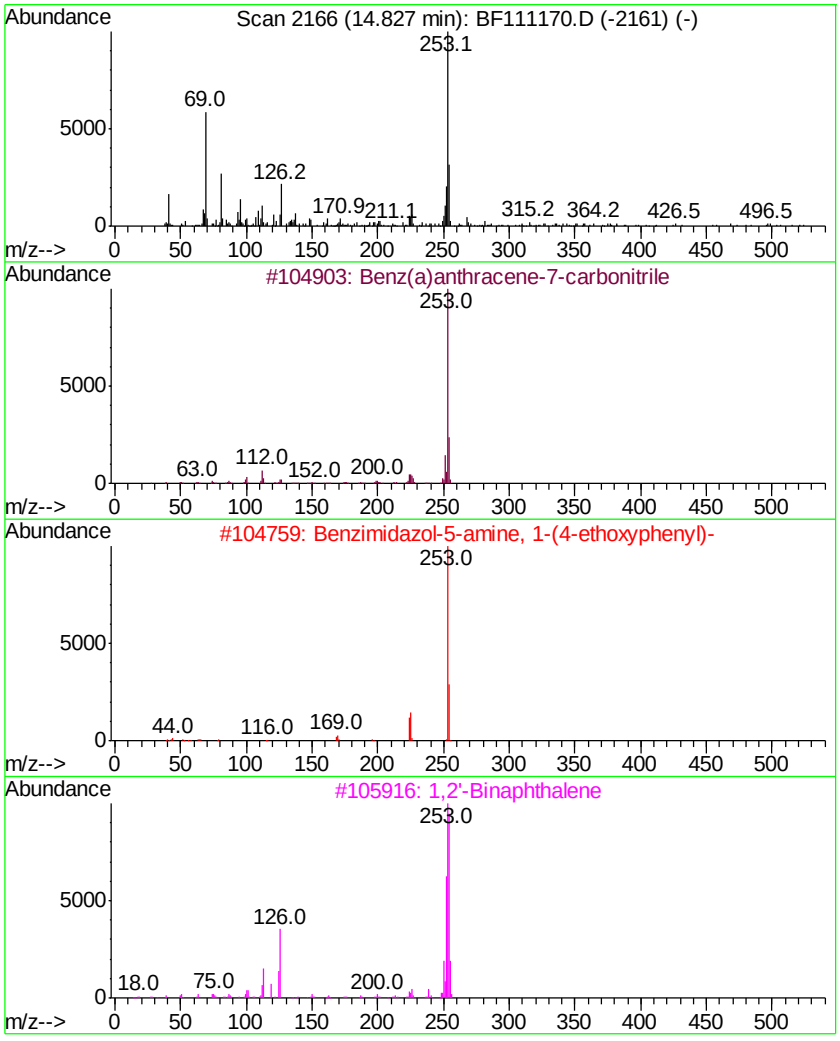
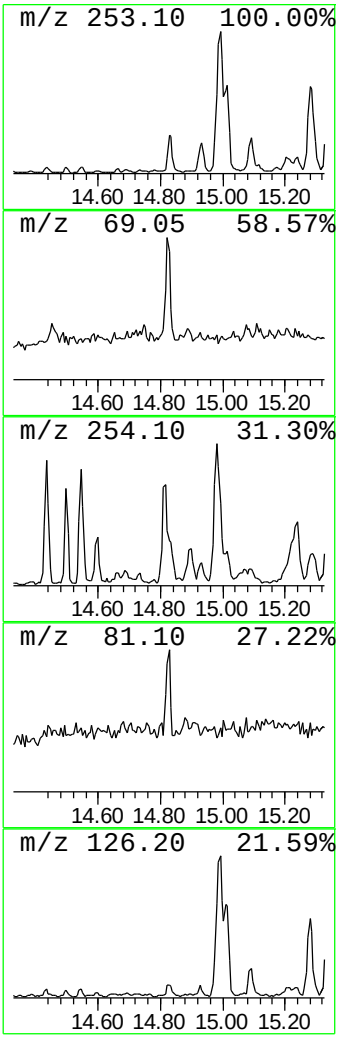
Peak Number 18 Benz(a)anthracene-7-carboni... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.64 ng	410439	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	47
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	43
4	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	43
5	Triamterene	253	C12H11N7	000396-01-0	43





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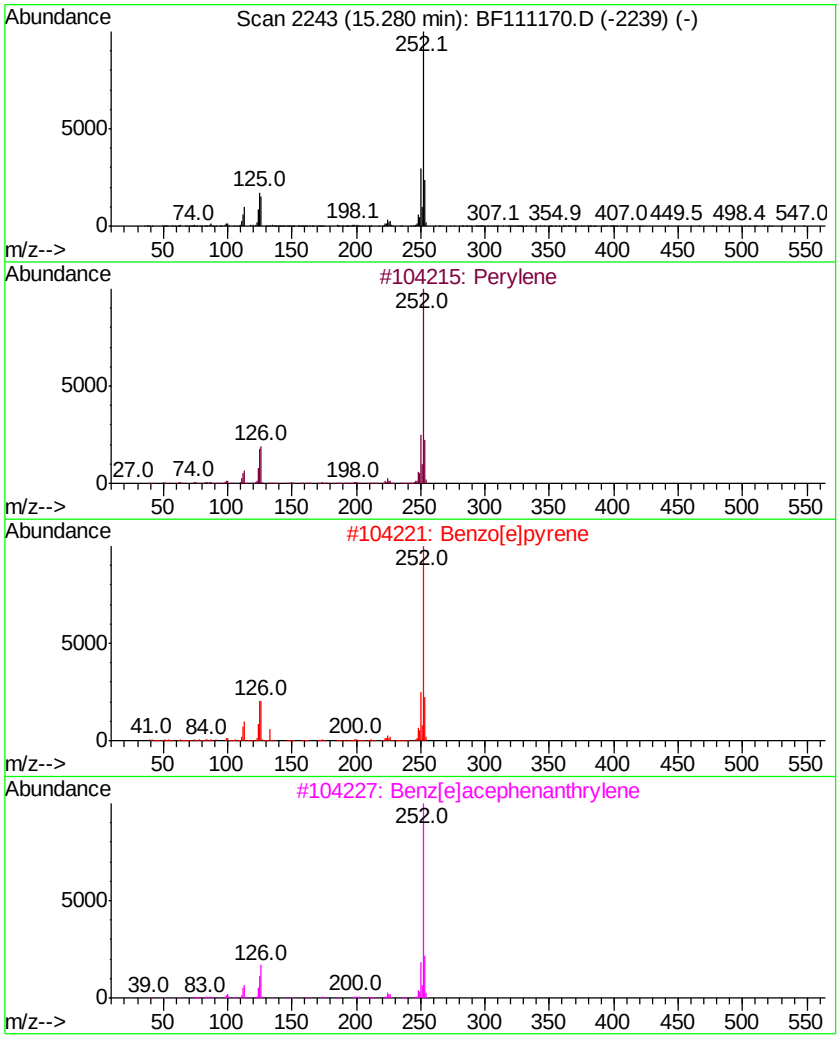
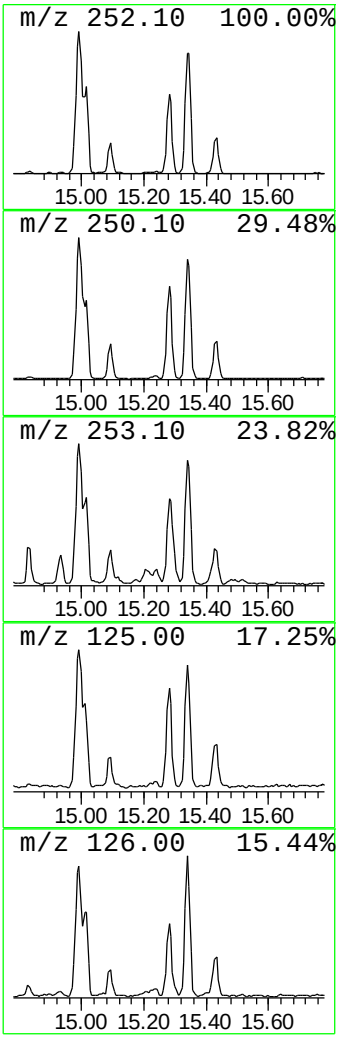
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	22.68 ng	1650180	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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Acq On : 7 Dec 2018 6:49
Operator : JU/SJ
Sample : J6168-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
Propylene Glycol	3.25	3.4	ng	479668	1	6.81	2793910	20.0
2-Pentanone, 4-hy...	5.02	4.8	ng	677603	1	6.81	2793910	20.0
unknown6.58	6.58	70.4	ng	9835040	1	6.81	2793910	20.0
l-Menthone	7.87	5.8	ng	949381	2	8.09	3287950	20.0
Cyclohexanol, 5-m...	8.00	4.1	ng	670204	2	8.09	3287950	20.0
Phenanthrene, 2-m...	11.83	6.5	ng	894245	4	11.33	2745950	20.0
4H-Cyclopenta[def...	11.94	12.0	ng	1643440	4	11.33	2745950	20.0
1H-Cyclopropa[l]p...	11.96	4.0	ng	544898	4	11.33	2745950	20.0
Naphthalene, 2-ph...	12.12	4.8	ng	654881	4	11.33	2745950	20.0
9,10-Anthracenedione	12.14	3.1	ng	426262	4	11.33	2745950	20.0
Phenanthrene, 2,5...	12.37	5.0	ng	692546	4	11.33	2745950	20.0
Cyclopenta(def)ph...	12.46	4.1	ng	561465	4	11.33	2745950	20.0
Pyrene, 1-methyl-	12.99	2.8	ng	950013	5	13.96	6746600	20.0
11H-Benzo[b]fluorene	13.09	3.2	ng	1064690	5	13.96	6746600	20.0
Benz(a)anthracene...	14.83	5.6	ng	410439	6	15.40	1455330	20.0
Perylene	15.28	22.7	ng	1650180	6	15.40	1455330	20.0