LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF100508.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	510	514	522	rBV	160707	176043	11.56%	0.668%
2	5.504	577	581	585	rVB	1103831	1004538	65.96%	3.812%
3	6.510	747	752	759	rVB	1057764	1028671	67.54%	3.904%
4	6.657	773	777	781	rVB	1181955	1044895	68.61%	3.965%
5	6.892	813	817	820	rVB	632894	509011	33.42%	1.932%
6	7.045	838	843	846	rBV	909525	762251	50.05%	2.893%
7	7.451	908	912	915	rVV	720435	608420	39.95%	2.309%
8	8.174	1032	1035	1037	rVV	761823	643497	42.25%	2.442%
9	8.192	1037	1038	1041	rVV	128043	84406	5.54%	0.320%
10	8.227	1041	1044	1046	rVB2	49981	43574	2.86%	0.165%
11	8.463	1080	1084	1088	rVB6	41794	49858	3.27%	0.189%
12	8.586	1102	1105	1107	rBV	65607	48487	3.18%	0.184%
13	8.721	1123	1128	1132	rBV	107821	126637	8.31%	0.481%
14	8.757	1132	1134	1138	rBV	87636	68709	4.51%	0.261%
15	8.886	1153	1156	1159	rVB	146097	116799	7.67%	0.443%
16	8.986	1169	1173	1176	rVB2	124704	138114	9.07%	0.524%
17	9.121	1192	1196	1200	rBV3	44904	59879	3.93%	0.227%
18	9.186	1205	1207	1210	rBV	98966	78223	5.14%	0.297%
19	9.245	1213	1217	1220	rBV	1193294	917073	60.21%	3.480%
20	9.321	1227	1230	1233	rBV	150762	144307	9.47%	0.548%
21	9.516	1258	1263	1265	rVV	71899	91389	6.00%	0.347%
22	9.586	1269	1275	1277	rVV2	128080	173252	11.38%	0.657%
23	9.610	1277	1279	1281	rVV2	79451	70183	4.61%	0.266%
24	9.639	1281	1284	1287	rVV	313025	298465	19.60%	1.133%
25	9.663	1287	1288	1292	rVV2	36971	42323	2.78%	0.161%
26	9.704	1292	1295	1300	rVV3	96542	101574	6.67%	0.385%
27	9.786	1306	1309	1313	rBV2	72874	74057	4.86%	0.281%
28	9.851	1316	1320	1324	rVB	93923	87979	5.78%	0.334%
29	9.927	1330	1333	1336	rVB2	666717	580734	38.13%	2.204%
30	9.963	1336	1339	1342	rVV	259970	211652	13.90%	0.803%
31	10.027	1347	1350	1355	rVB2	37178	44171	2.90%	0.168%
32	10.133	1364	1368	1371	rVB2	175919	184681	12.13%	0.701%
33	10.168	1371	1374	1379	rVB3	68400	66314	4.35%	0.252%
34	10.239	1383	1386	1389	rBV	56357	62799	4.12%	0.238%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.333	1398	1402	1403	rBV	39804	41105	2.70%	0.156%
36	10.351	1403	1405	1408	rVB	78820	54746	3.59%	0.208%
37	10.474	1422	1426	1432	rVV	378279	312902	20.54%	1.187%
38	10.639	1450	1454	1457	rVB2	316470	289083	18.98%	1.097%
39	10.715	1463	1467	1470	rVB	632737	565674	37.14%	2.147%
40	10.833	1482	1487	1491	rVB4	47596	72237	4.74%	0.274%
41	11.021	1513	1519	1521	rBV2	77412	93053	6.11%	0.353%
42	11.051	1521	1524	1527	rVV2	49050	48035	3.15%	0.182%
43	11.145	1536	1540	1542	rBV2	34792	43814	2.88%	0.166%
44	11.168	1542	1544	1547	rVV3	34495	41423	2.72%	0.157%
45	11.215	1549	1552	1556	rVV2	44450	43403	2.85%	0.165%
46	11.268	1556	1561	1563	rVV2	46022	59007	3.87%	0.224%
47	11.310	1563	1568	1573	rVB	145079	147479	9.68%	0.560%
48	11.415	1582	1586	1588	rBV	539102	524935	34.47%	1.992%
49	11.445	1588	1591	1594	rVV	1655591	1439711	94.53%	5.464%
50	11.492	1594	1599	1601	rVV	443088	372633	24.47%	1.414%
51	11.521	1601	1604	1607	rVV2	52110	56128	3.69%	0.213%
52	11.639	1618	1624	1631	rBV	158771	182669	11.99%	0.693%
53	11.710	1631	1636	1638	rVV2	39727	58100	3.81%	0.220%
54	11.745	1639	1642	1647	rVB2	61245	59402	3.90%	0.225%
55	11.827	1653	1656	1660	rVB	40479	44978	2.95%	0.171%
56	11.915	1668	1671	1673	rVV	257497	232503	15.27%	0.882%
57	11.945	1673	1676	1679	rVV	300490	278329	18.27%	1.056%
58	11.992	1680	1684	1687	rVV	97728	94343	6.19%	0.358%
59	12.027	1687	1690	1692	rVV2	340320	345285	22.67%	1.310%
60	12.051	1692	1694	1697	rVB	140577	109777	7.21%	0.417%
61	12.115	1698	1705	1707	rBV3	26949	49039	3.22%	0.186%
62	12.209	1718	1721	1723	rVV	147015	122754	8.06%	0.466%
63	12.233	1723	1725	1728	rVB2	85551	73122	4.80%	0.278%
64	12.386	1749	1751	1754	rBV	57426	51620	3.39%	0.196%
65	12.462	1760	1764	1767	rBV	123891	134416	8.83%	0.510%
66	12.498	1767	1770	1773	rVV3	73283	101844	6.69%	0.387%
67	12.551	1776	1779	1784	rBV2	70897	82682	5.43%	0.314%
68	12.633	1788	1793	1796	rBV	1540378	1406759	92.37%	5.339%
69	12.780	1816	1818	1821	rVV	79522	74214	4.87%	0.282%
70	12.862	1825	1832	1837	rBV2	1336078	1523040	100.00%	5.780%
71	12.904	1837	1839	1843	rVB2	77455	84726	5.56%	0.322%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.974	1848	1851	1852	rBV	78527	74262	4.88%	0.282%
73	12.998	1852	1855	1862	rVB	669434	685685	45.02%	2.602%
74	13.074	1863	1868	1871	rBV2	102822	168332	11.05%	0.639%
75	13.156	1879	1882	1883	rVV2	60652	55638	3.65%	0.211%
76	13.186	1883	1887	1890	rVB	259810	274202	18.00%	1.041%
77	13.251	1895	1898	1900	rBV	211424	171931	11.29%	0.652%
78	13.286	1900	1904	1907	rBV2	160626	165697	10.88%	0.629%
79	13.380	1916	1920	1922	rVB	88316	86858	5.70%	0.330%
80	13.409	1922	1925	1928	rBV	98826	95859	6.29%	0.364%
81	13.686	1970	1972	1977	rVB	94244	110939	7.28%	0.421%
82	13.804	1987	1992	1994	rBV2	130909	160593	10.54%	0.609%
83	13.833	1994	1997	1999	rVV	107629	110875	7.28%	0.421%
84	13.856	1999	2001	2003	rVV	89027	109871	7.21%	0.417%
85	13.892	2004	2007	2012	rVB2	111467	171869	11.28%	0.652%
86	14.051	2027	2034	2037	rBV3	873309	1305218	85.70%	4.953%
87	14.080	2037	2039	2045	rVB	701540	579618	38.06%	2.200%
88	14.162	2050	2053	2055	rVV	97722	85801	5.63%	0.326%
89	14.274	2069	2072	2075	rBV2	63477	82896	5.44%	0.315%
90	14.439	2097	2100	2103	rVV	148593	140833	9.25%	0.534%
91	14.474	2103	2106	2109	rVV	81656	75956	4.99%	0.288%
92	14.562	2118	2121	2123	rBV	81124	75666	4.97%	0.287%
93	14.586	2123	2125	2128	rVB	96594	77096	5.06%	0.293%
94	15.103	2208	2213	2216	rBV	415274	682798	44.83%	2.591%
95	15.209	2228	2231	2234	rVB	89763	93654	6.15%	0.355%
96	15.409	2261	2265	2270	rVB	237723	312015	20.49%	1.184%
97	15.474	2272	2276	2282	rVB	353418	443612	29.13%	1.684%
98	15.539	2282	2287	2290	rBV	359786	475792	31.24%	1.806%
99	17.021	2534	2539	2547	rVB3	120851	243124	15.96%	0.923%
100	17.474	2612	2616	2625	rVB	84428	175539	11.53%	0.666%

Sum of corrected areas: 26350164

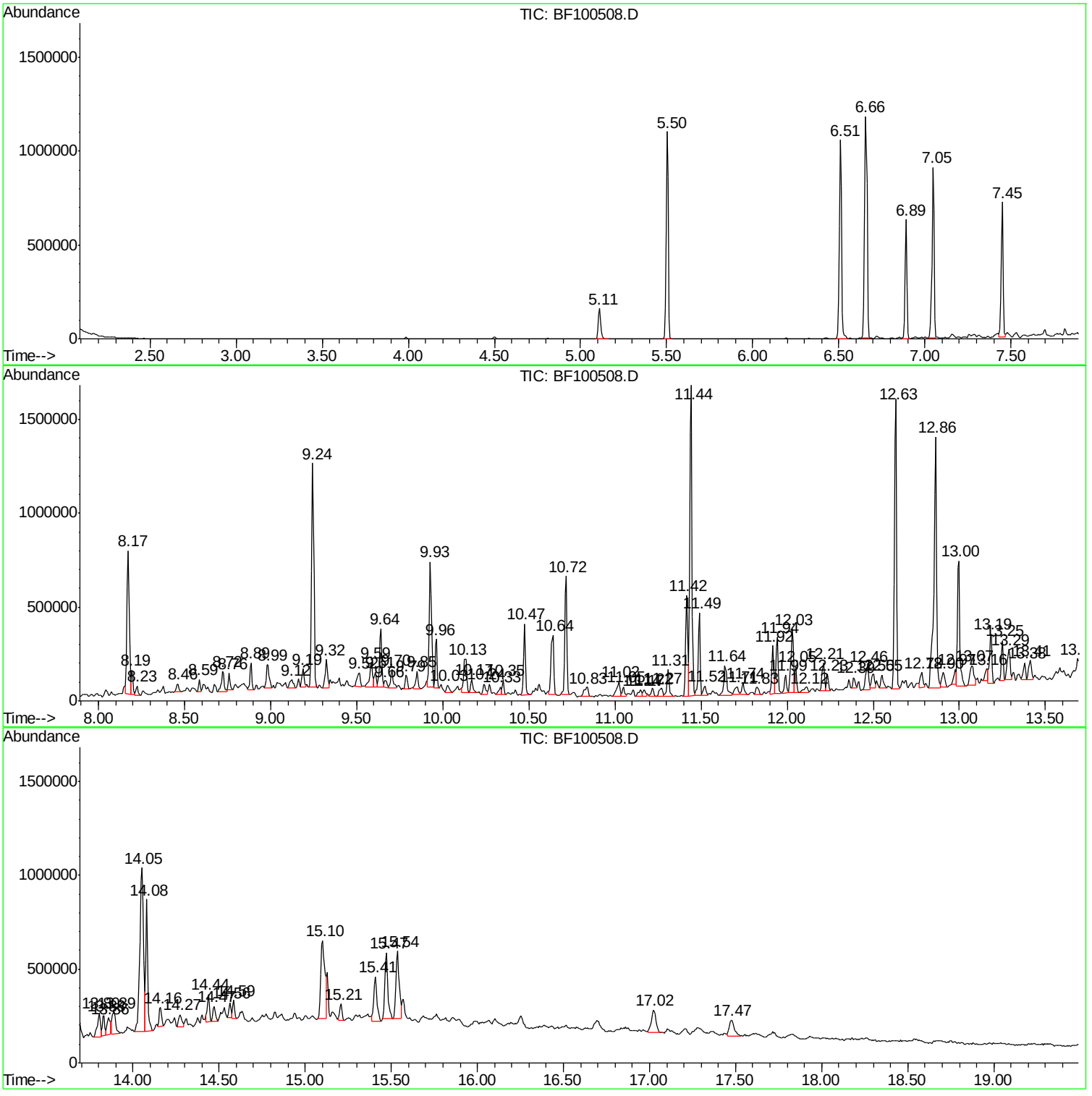
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

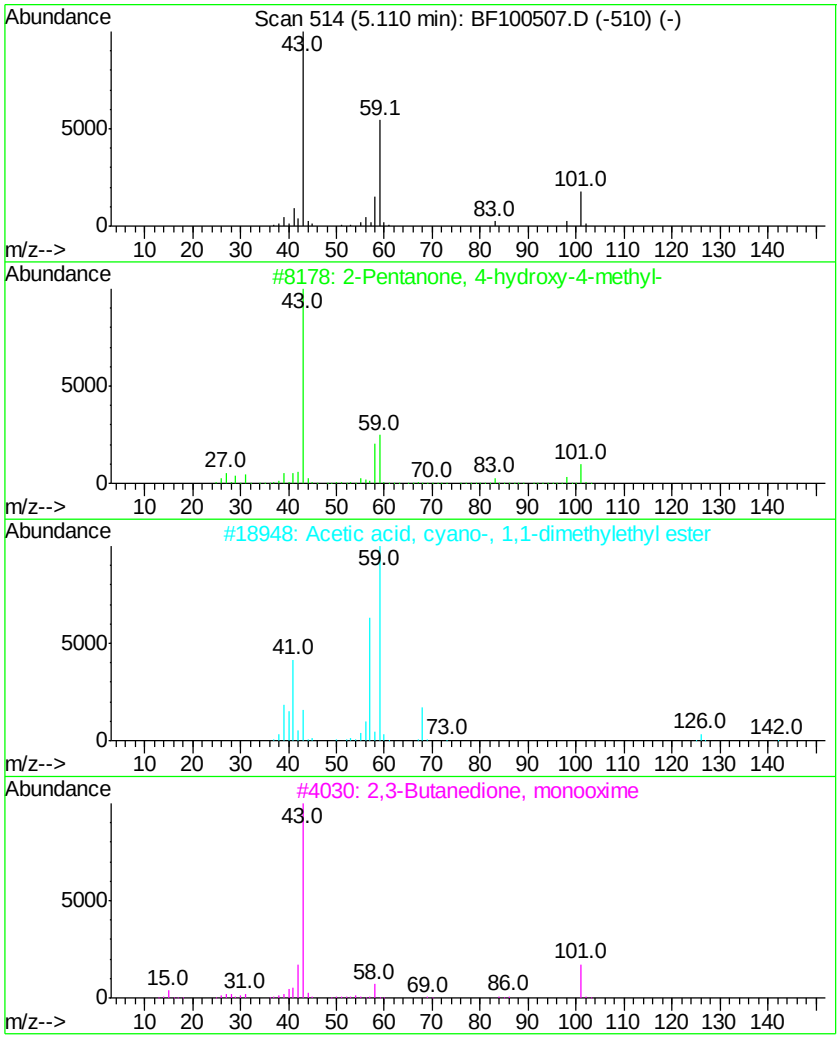
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

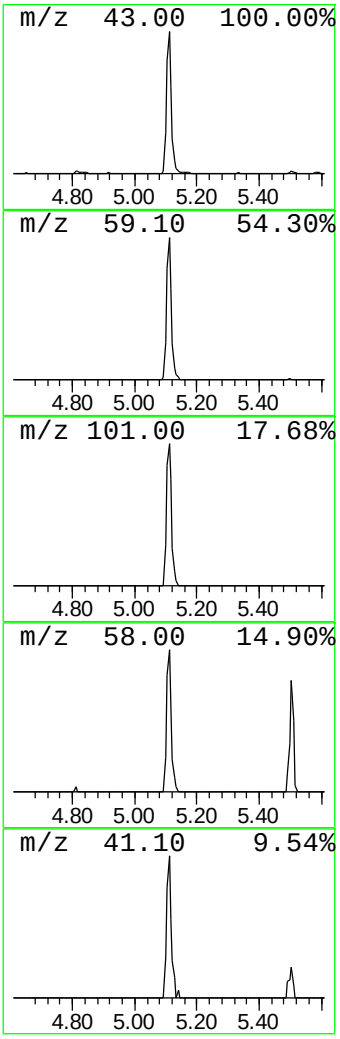
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	6.92 ng	176043	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

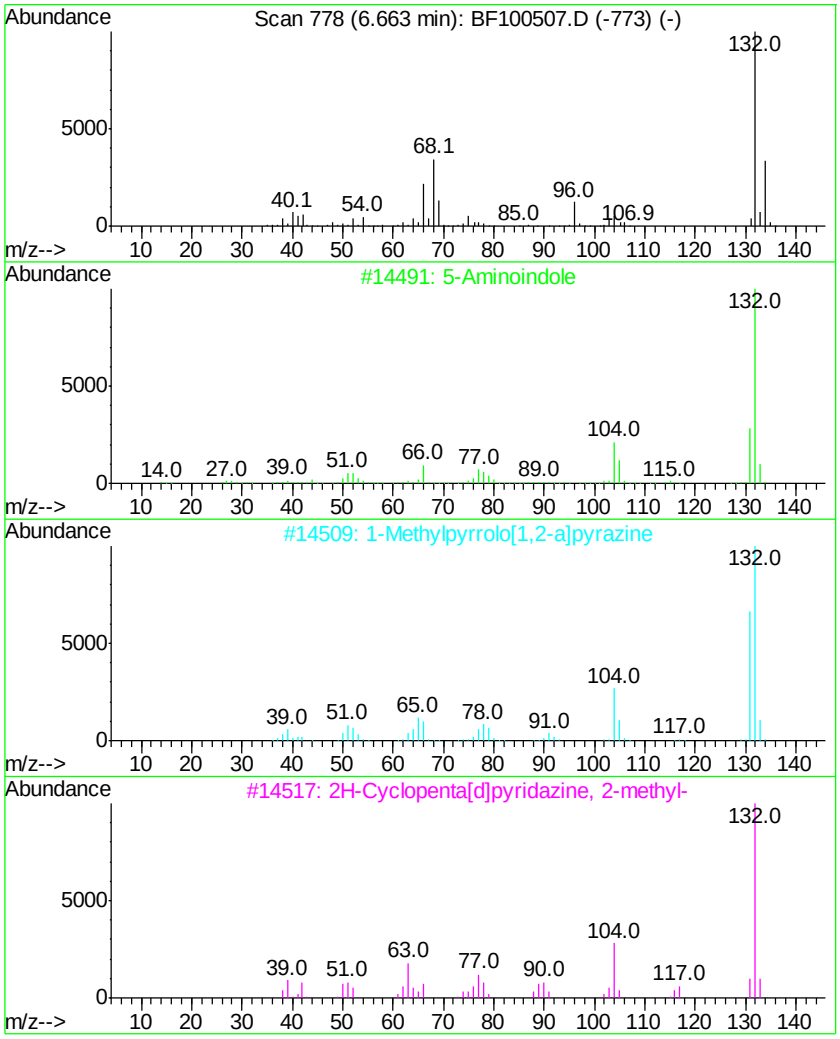
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

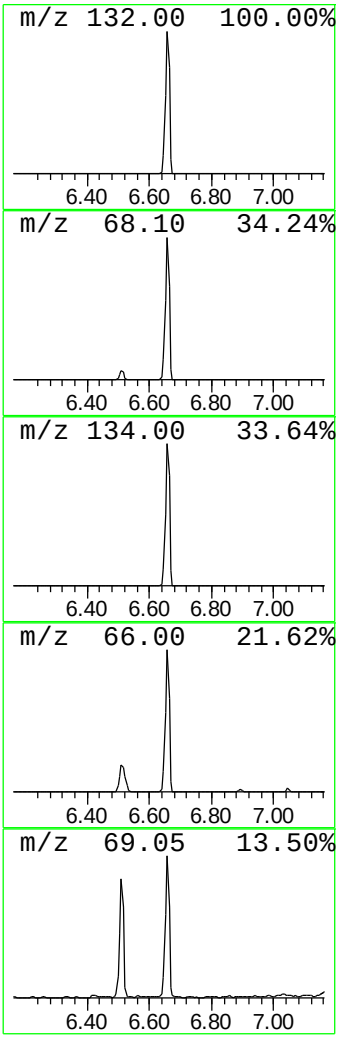
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	41.06 ng	1044900	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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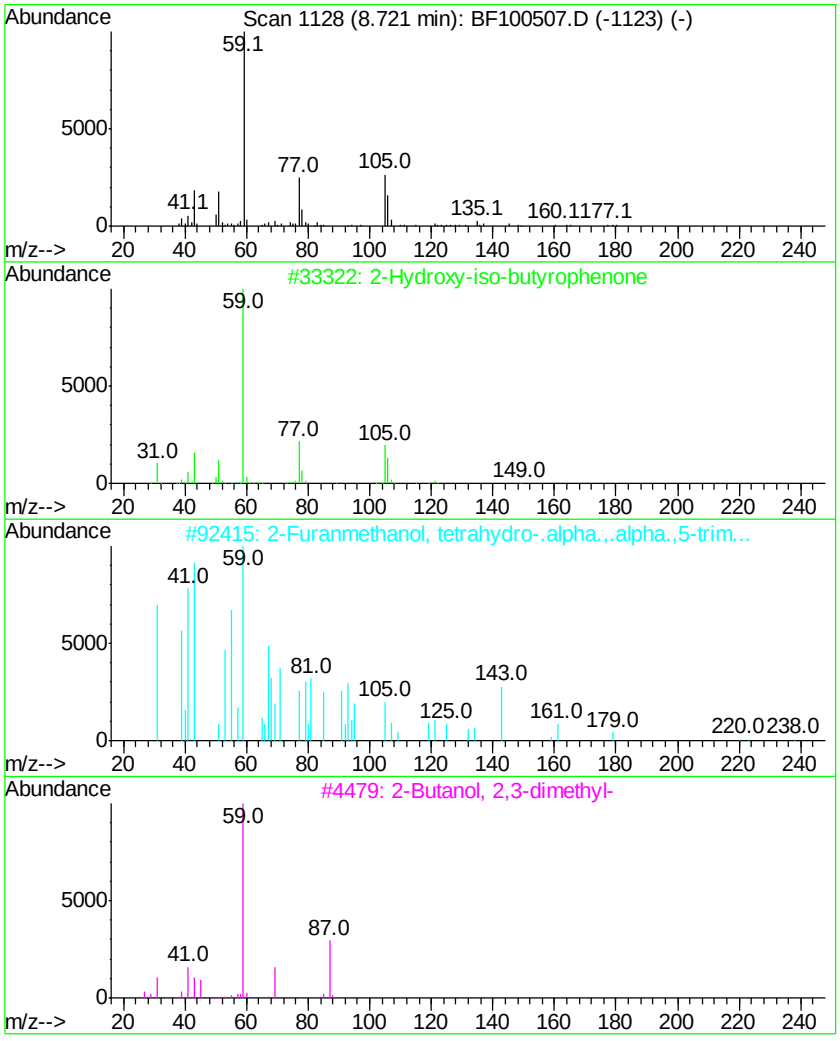
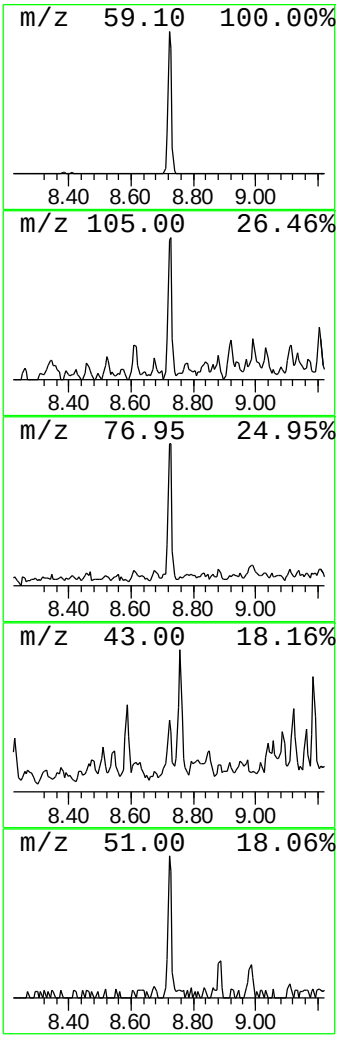
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.94 ng	126637	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	33
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	25
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	25
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	25





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Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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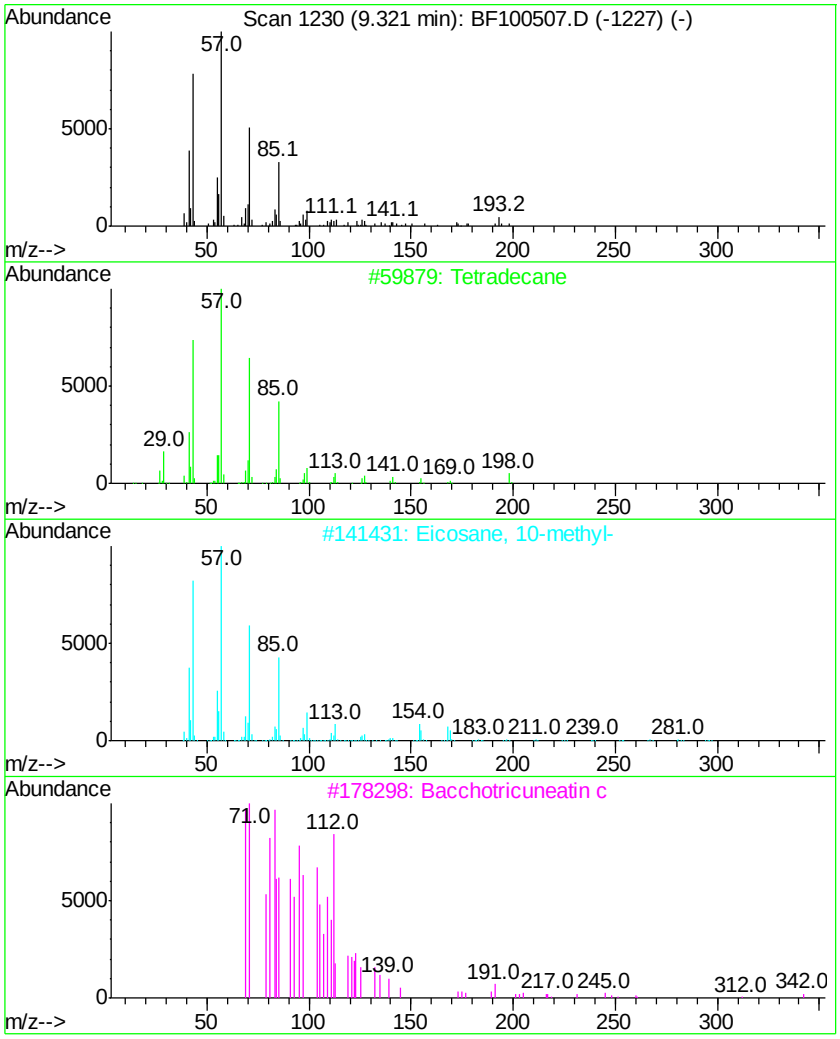
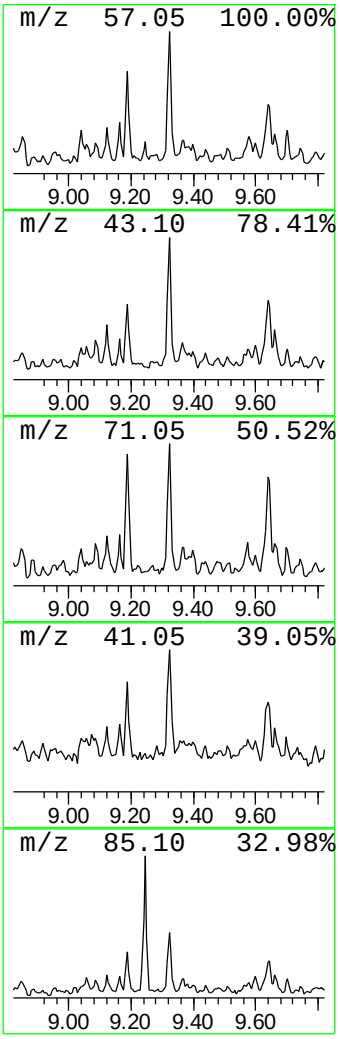
Peak Number 6 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.97 ng	144307	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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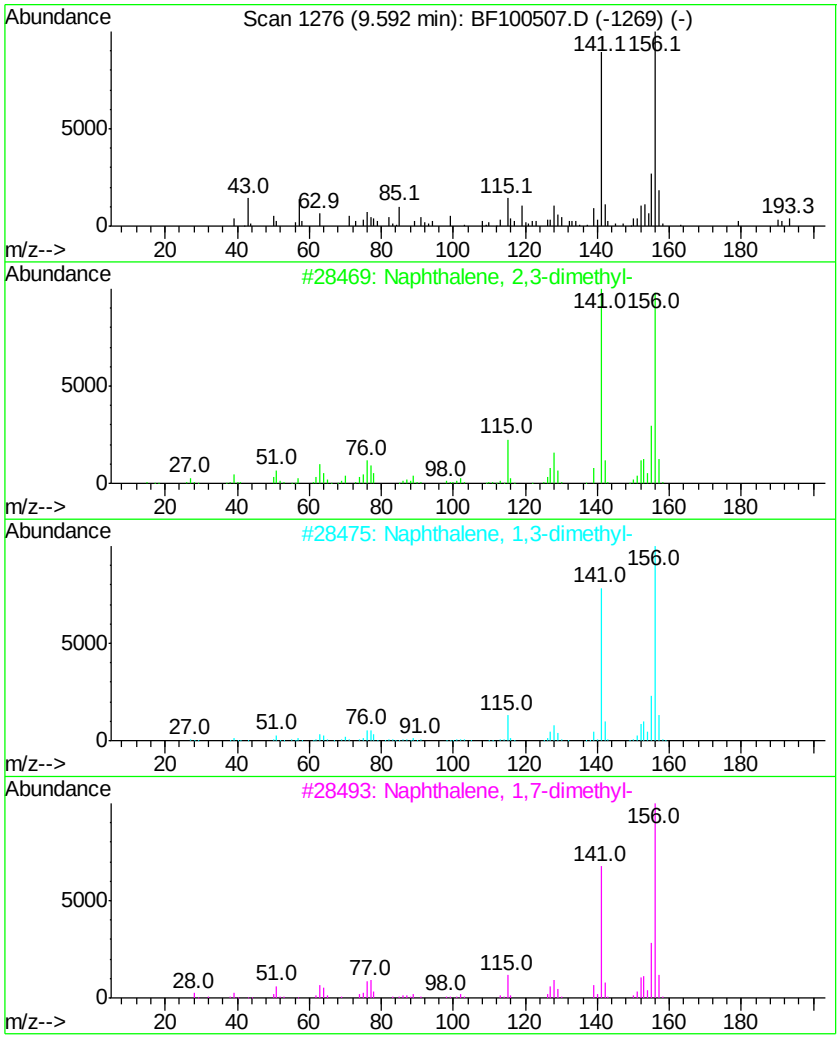
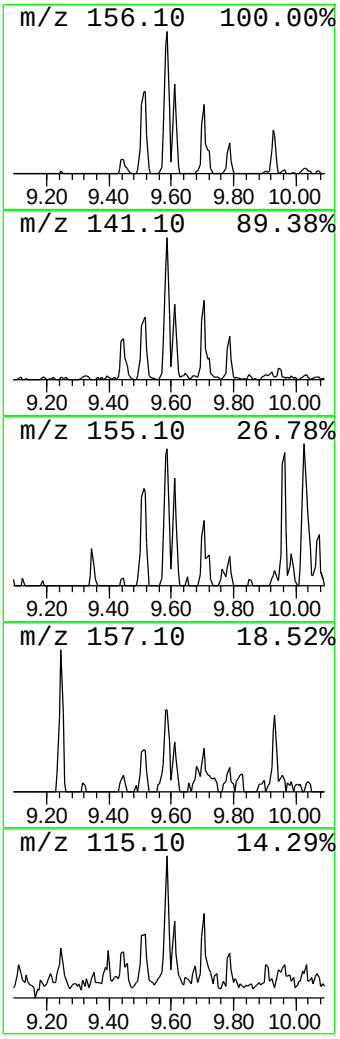
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	5.97 ng	173252	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Misc :
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ClientSampleId : JC-02-110917-G

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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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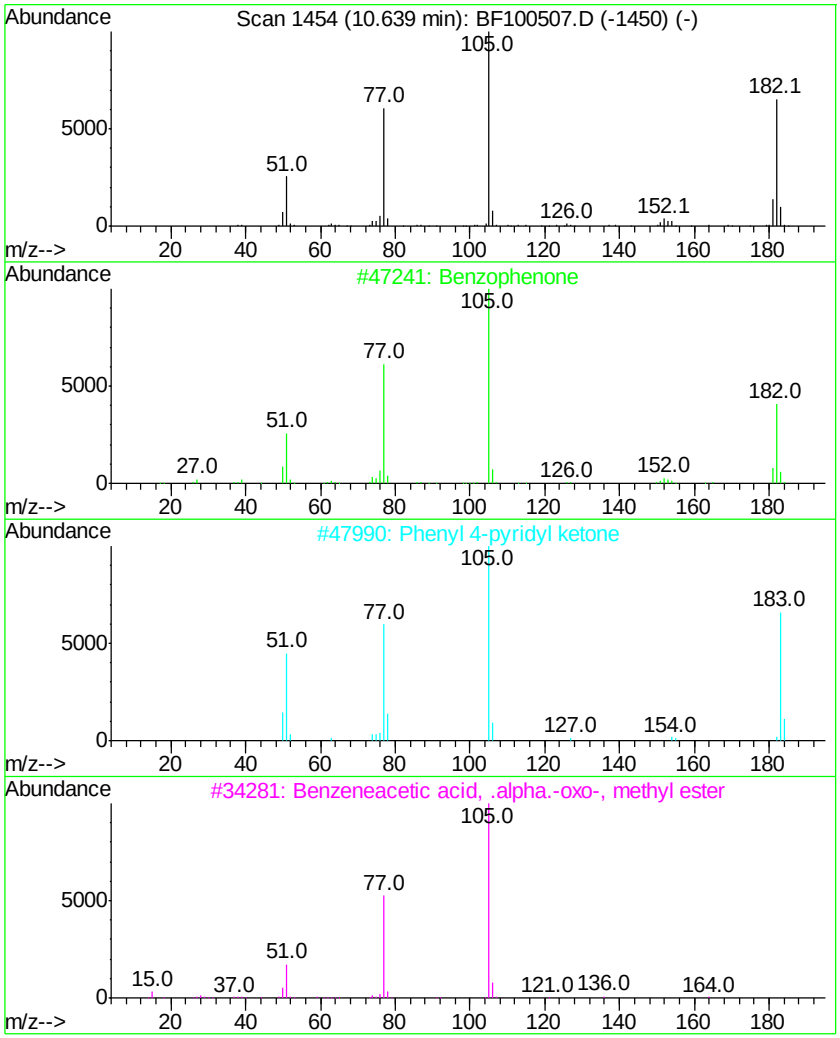
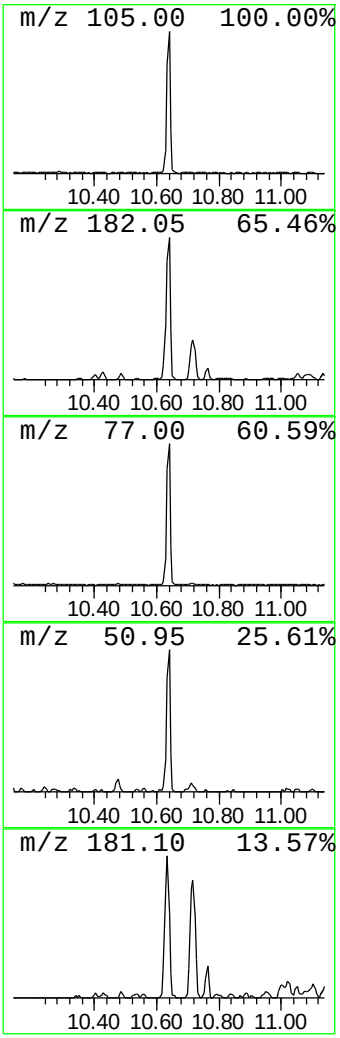
Peak Number 8 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	9.96 ng	289083	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	46
4	Vinyl benzoate	148	C9H8O2	000769-78-8	43
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43





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

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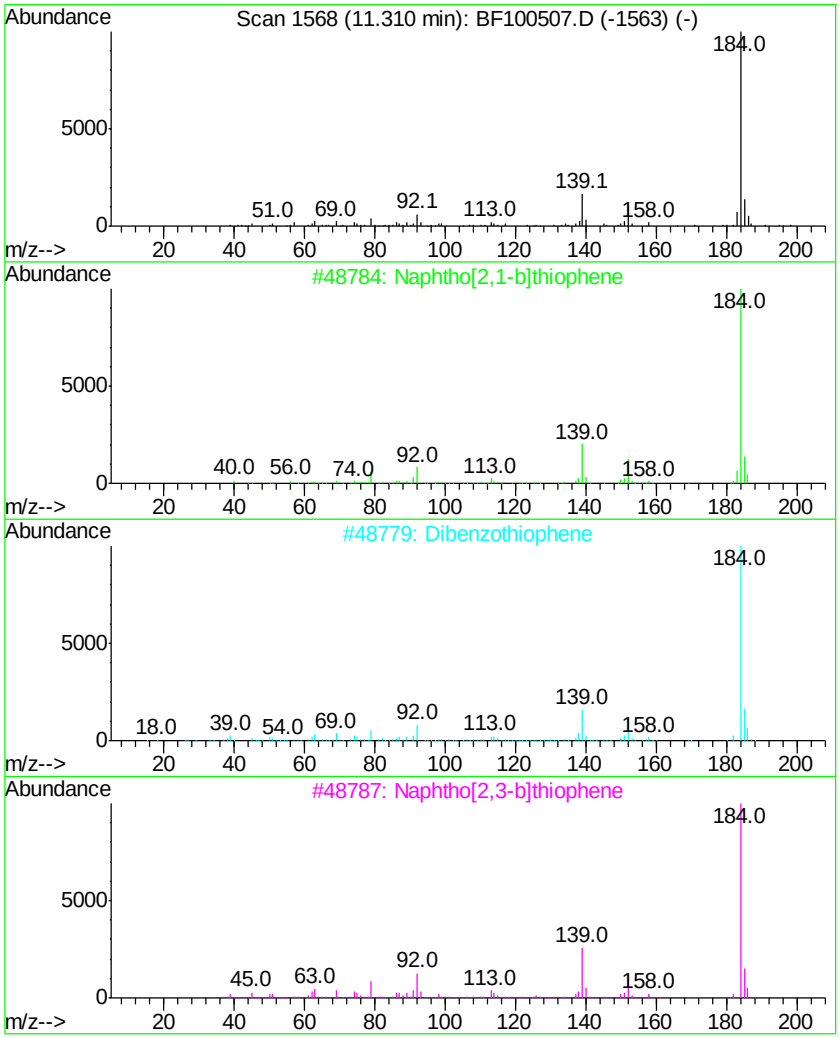
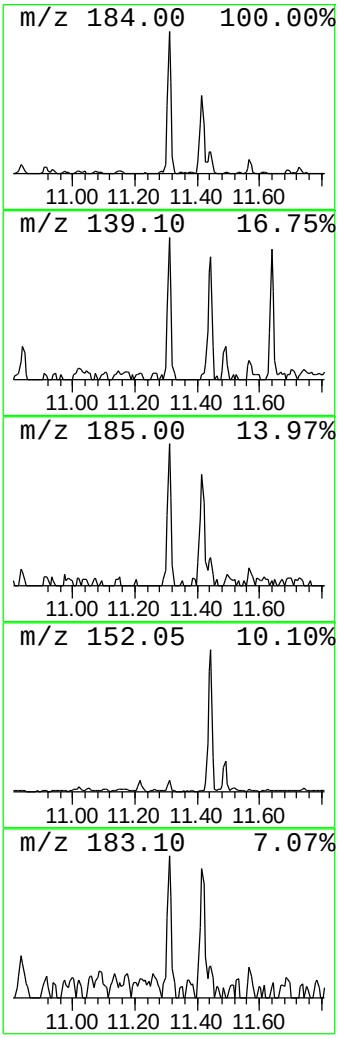
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	5.62 ng	147479	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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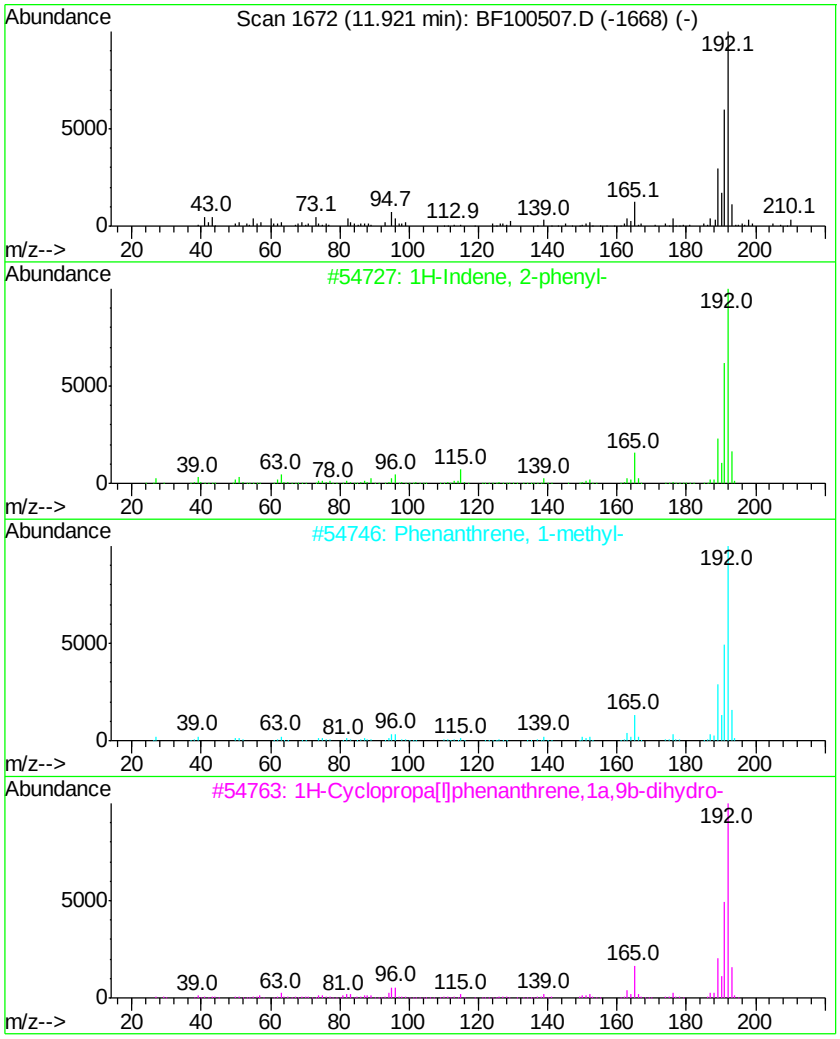
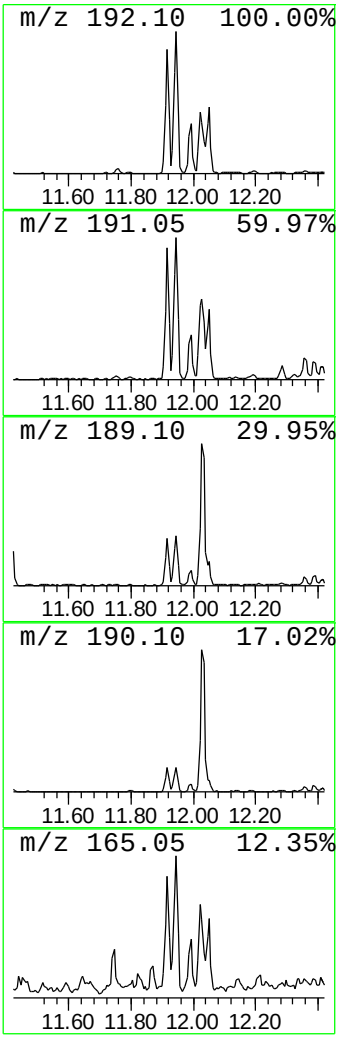
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.86 ng	232503	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87





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TIC Integration Parameters: LSCINT.P

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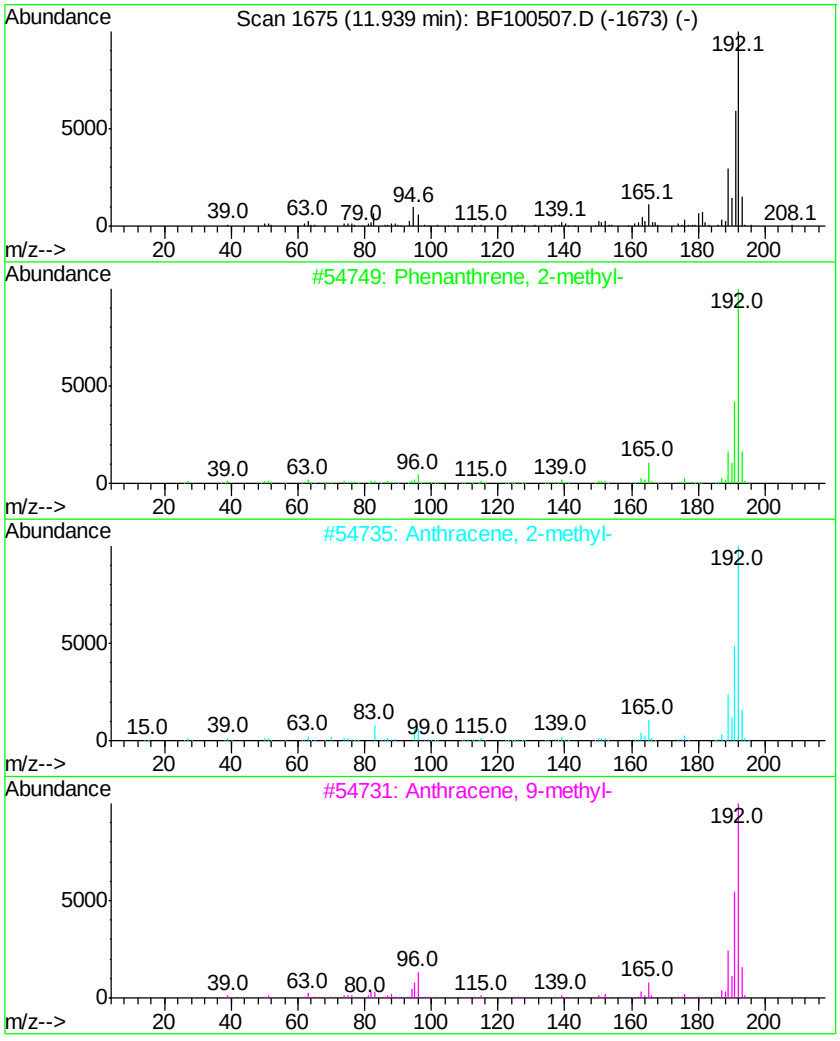
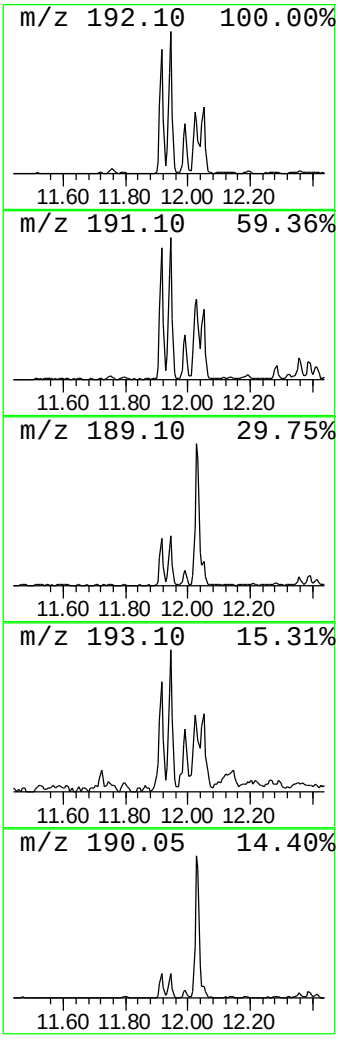
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.60 ng	278329	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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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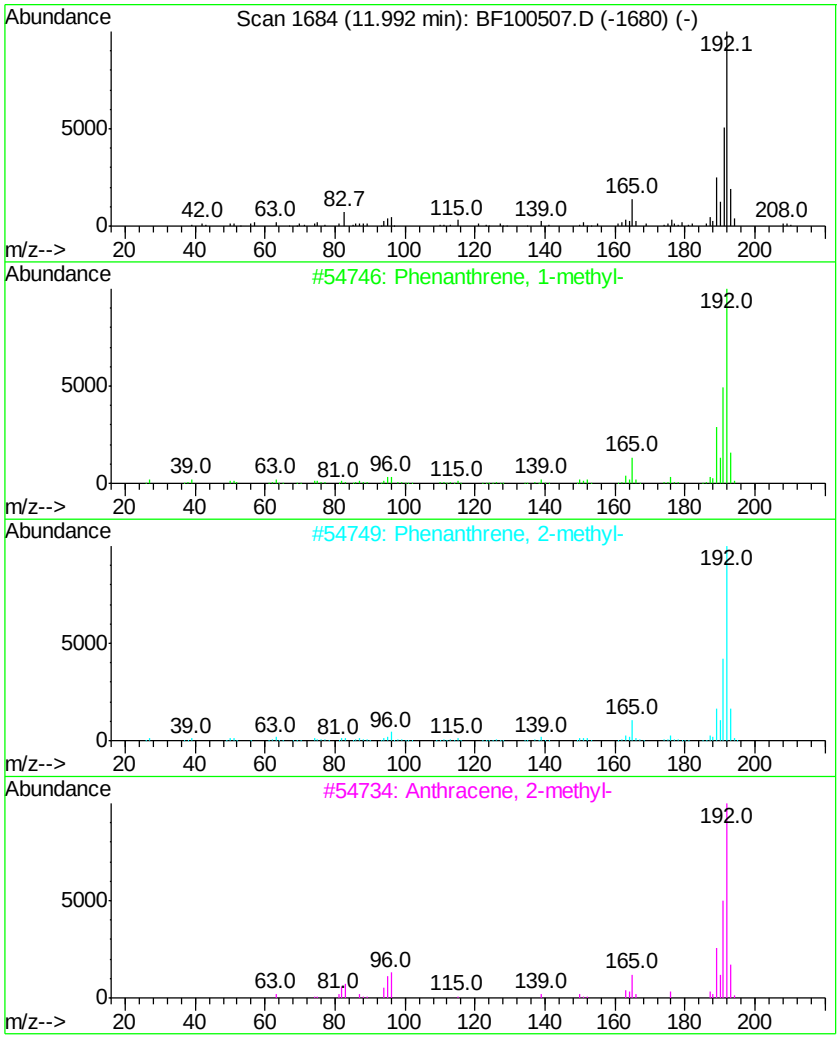
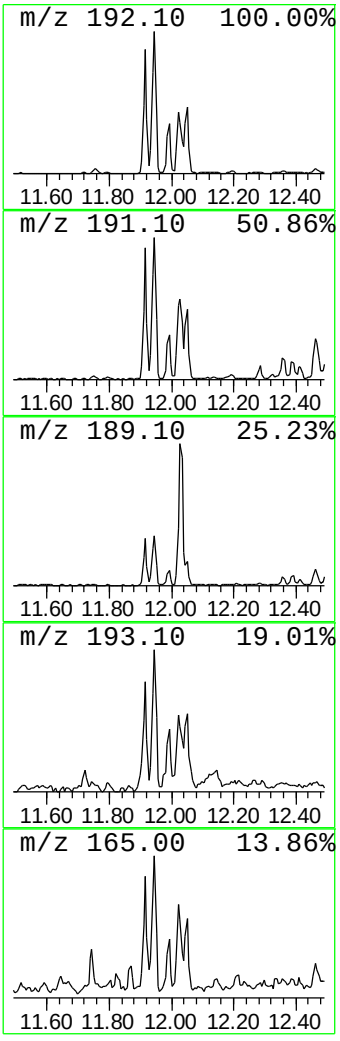
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.59 ng	94343	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	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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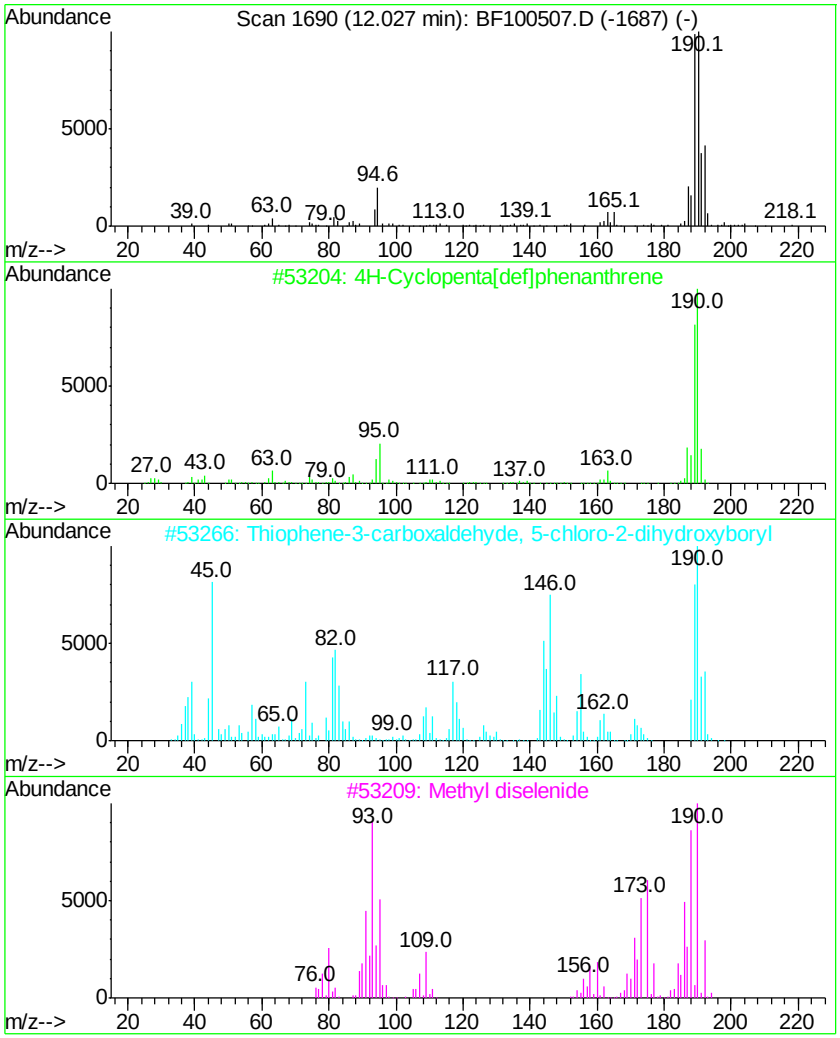
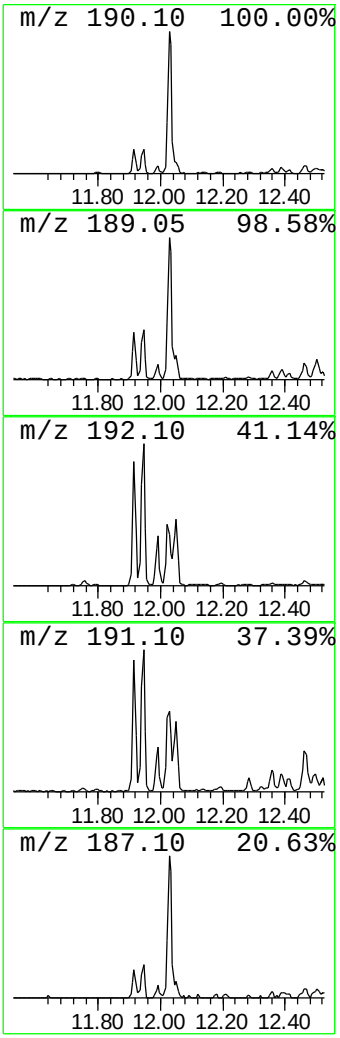
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	13.16 ng	345285	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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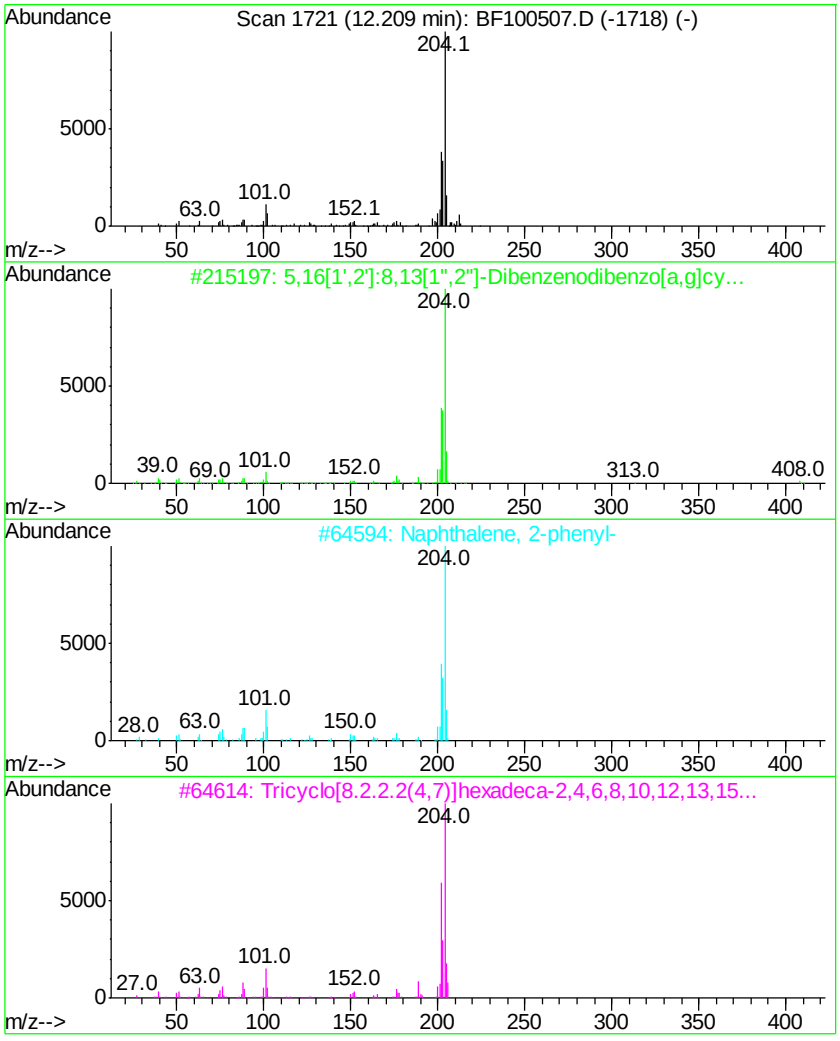
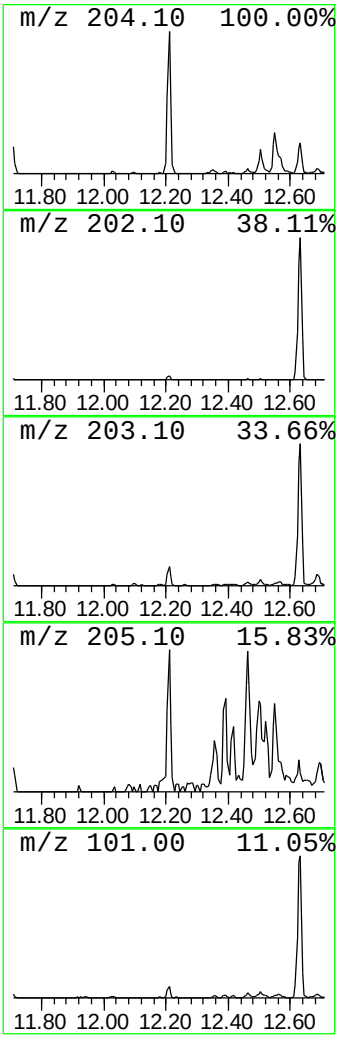
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.68 ng	122754	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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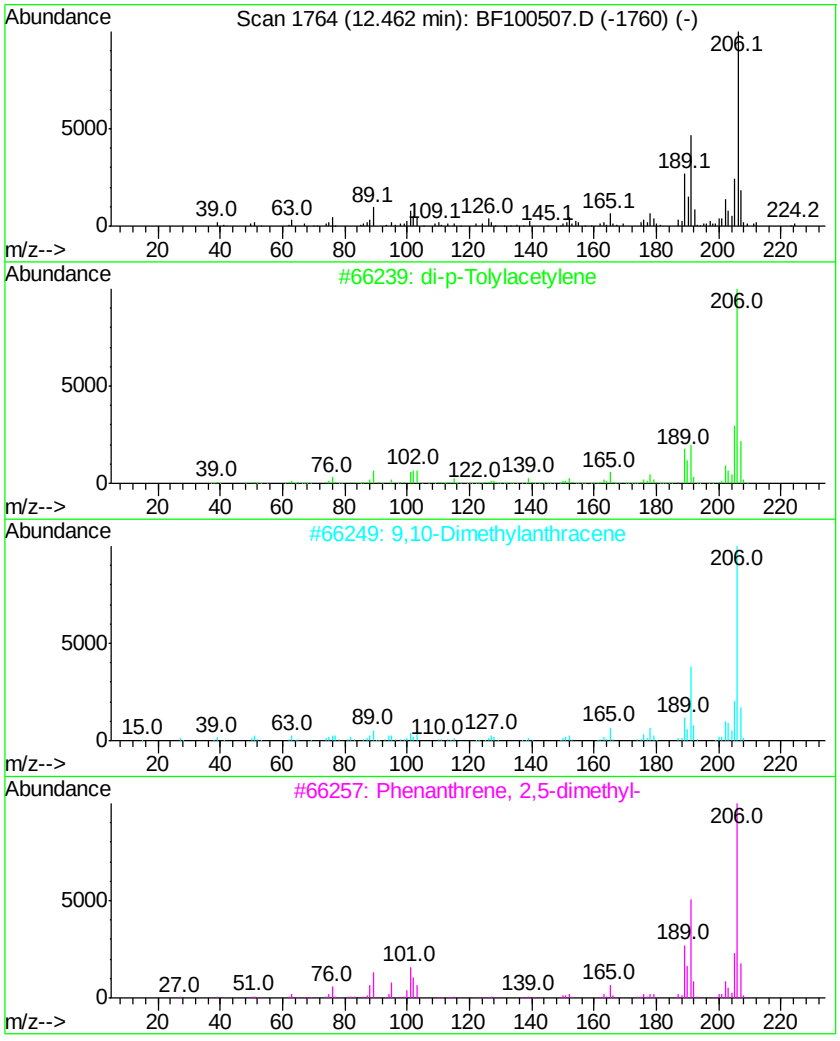
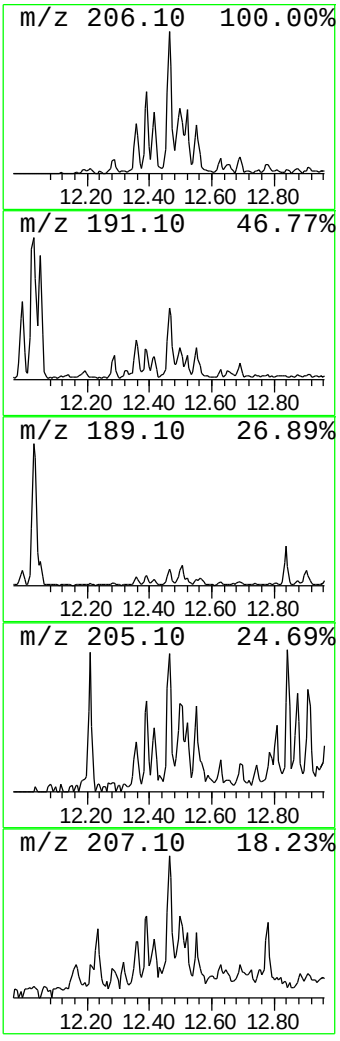
Peak Number 16 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.12 ng	134416	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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TIC Library : C:\DATABASE\NIST11.L
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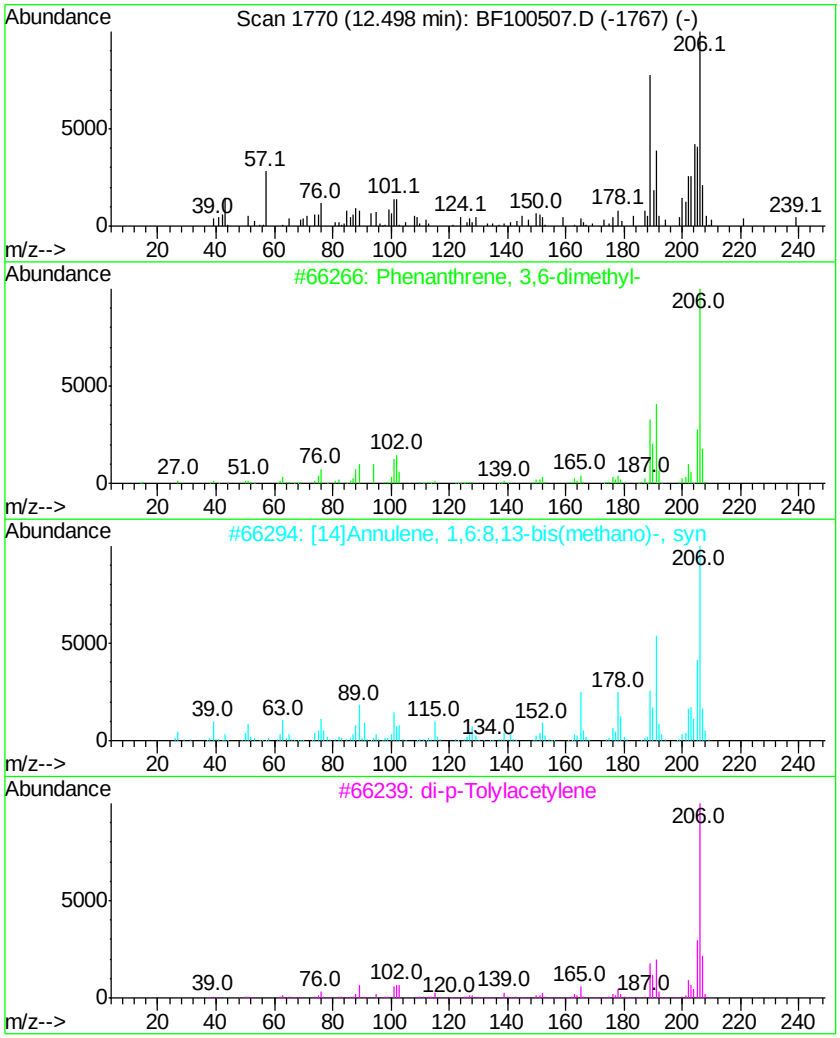
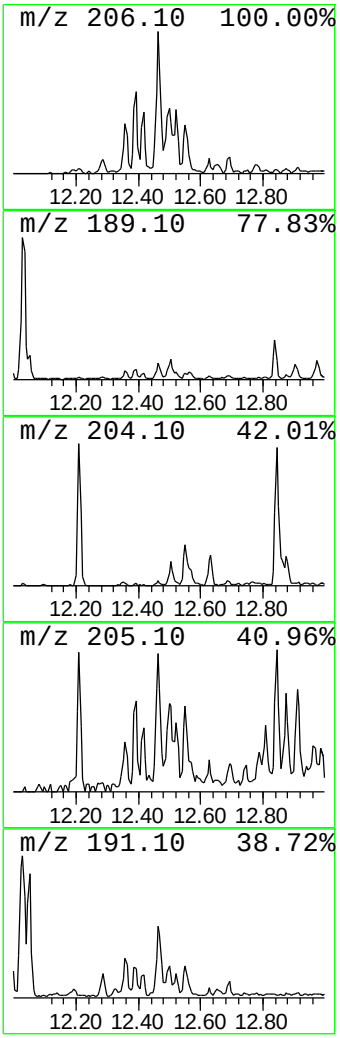
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.88 ng	101844	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	43
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41





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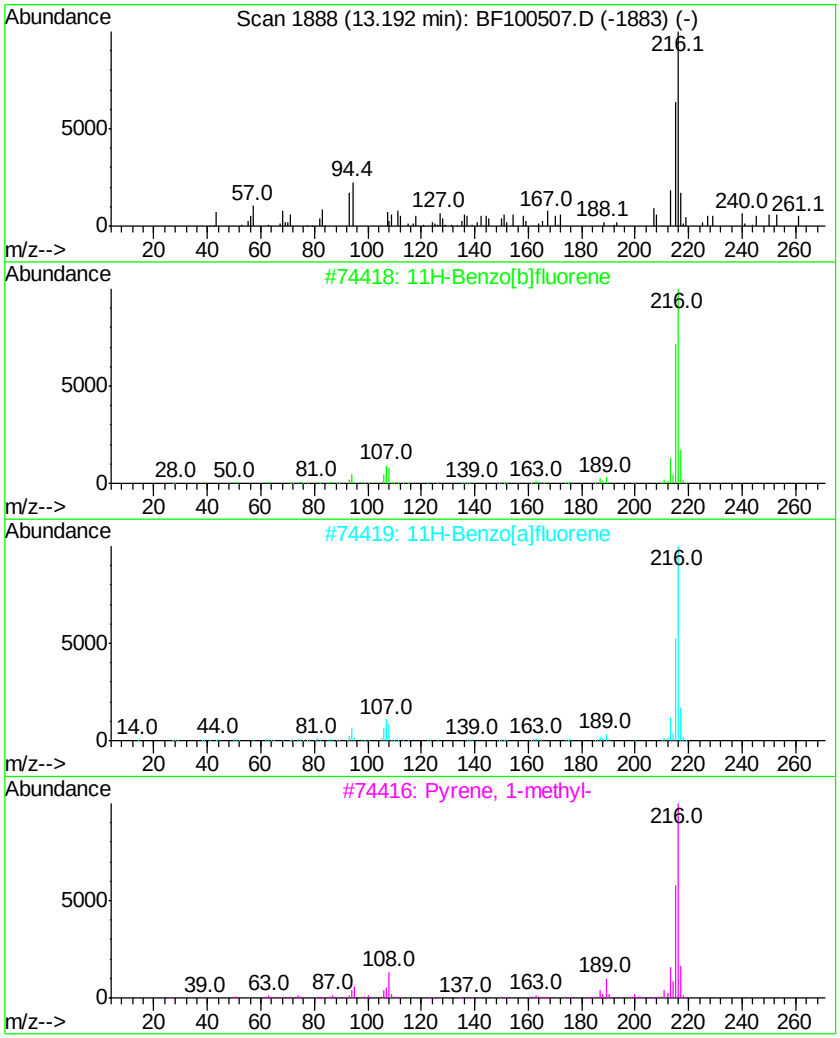
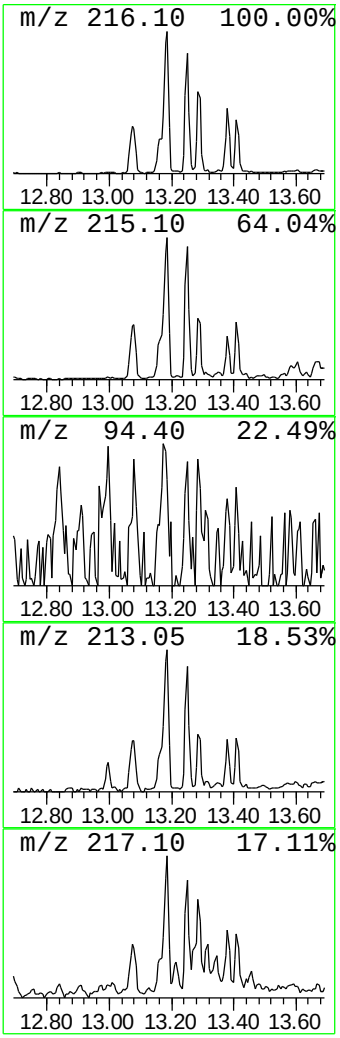
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.20 ng	274202	Chrysene-d12	14.06

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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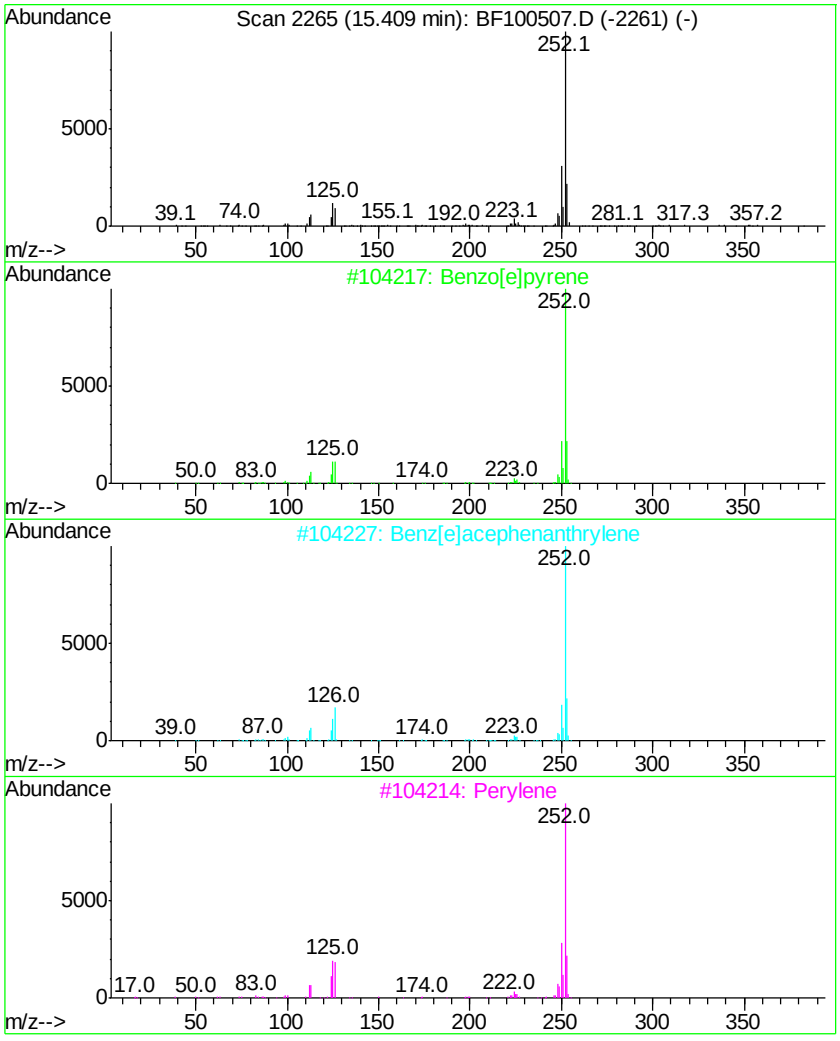
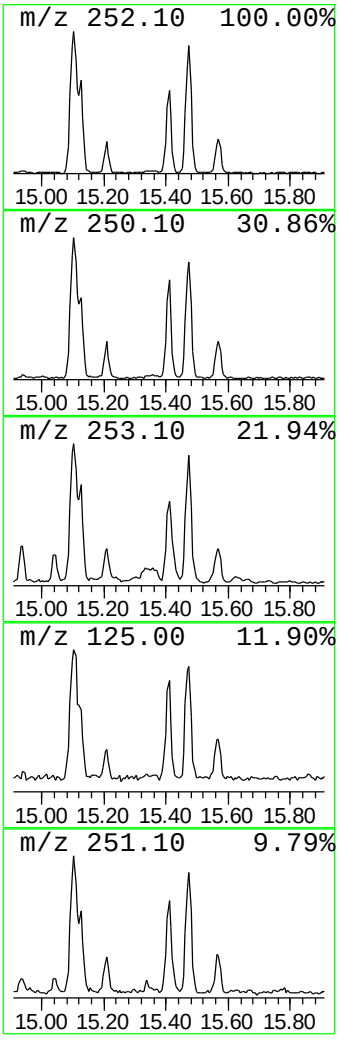
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	13.12 ng	312015	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111317\
Data File : BF100507.D
Acq On : 13 Nov 2017 17:47
Operator : SJ/JU
Sample : I6301-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.11	6.9	ng	176043	1	6.89	509011	20.0
unknown6.66	6.66	41.1	ng	1044900	1	6.89	509011	20.0
2-Hydroxy-iso-but...	8.72	3.9	ng	126637	2	8.17	643497	20.0
Tetradecane	9.32	5.0	ng	144307	3	9.93	580734	20.0
Naphthalene, 2,3-...	9.59	6.0	ng	173252	3	9.93	580734	20.0
Benzophenone	10.64	10.0	ng	289083	3	9.93	580734	20.0
Naphtho[2,1-b]thi...	11.31	5.6	ng	147479	4	11.42	524935	20.0
1H-Indene, 2-phenyl-	11.92	8.9	ng	232503	4	11.42	524935	20.0
Phenanthrene, 2-m...	11.94	10.6	ng	278329	4	11.42	524935	20.0
Phenanthrene, 1-m...	11.99	3.6	ng	94343	4	11.42	524935	20.0
4H-Cyclopenta[def...	12.03	13.2	ng	345285	4	11.42	524935	20.0
5,16[1',2']:8,13[...	12.21	4.7	ng	122754	4	11.42	524935	20.0
di-p-Tolylacetylene	12.46	5.1	ng	134416	4	11.42	524935	20.0
Phenanthrene, 3,6...	12.50	3.9	ng	101844	4	11.42	524935	20.0
11H-Benzo[b]fluorene	13.19	4.2	ng	274202	5	14.06	1305220	20.0
Benzo[e]pyrene	15.41	13.1	ng	312015	6	15.54	475792	20.0