LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100995.D
Acq On : 29 Nov 2017 22:59
Operator : SJ/JU
Sample : I6610-02 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

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

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	571	574	582	rBB	92740	85024	2.21%	0.222%
2	6.475	744	746	753	rVB	88268	93629	2.44%	0.244%
3	6.622	768	771	775	rVB	118002	96197	2.50%	0.251%
4	6.851	807	810	814	rBV	456927	379032	9.86%	0.989%
5	7.004	833	836	840	rBV	79553	73509	1.91%	0.192%
6	8.133	1025	1028	1031	rBV	540236	493494	12.84%	1.287%
7	8.157	1031	1032	1035	rVB	150834	79994	2.08%	0.209%
8	8.845	1146	1149	1153	rBB	81683	66002	1.72%	0.172%
9	8.945	1163	1166	1170	rVB	81931	62835	1.63%	0.164%
10	9.204	1207	1210	1214	rBB	134052	100712	2.62%	0.263%
11	9.545	1265	1268	1271	rBV	70792	69974	1.82%	0.183%
12	9.751	1300	1303	1307	rBV	248834	198845	5.17%	0.519%
13	9.892	1324	1327	1330	rVV	512772	403310	10.49%	1.052%
14	9.922	1330	1332	1336	rVB	295622	229661	5.98%	0.599%
15	10.092	1357	1361	1365	rBV	167381	149922	3.90%	0.391%
16	10.439	1416	1420	1425	rVB	312950	271304	7.06%	0.708%
17	10.592	1444	1446	1450	rVB	81056	67390	1.75%	0.176%
18	10.674	1454	1460	1465	rBV2	134626	146373	3.81%	0.382%
19	10.986	1506	1513	1516	rBV2	78383	92325	2.40%	0.241%
20	11.139	1536	1539	1544	rVV2	57229	76478	1.99%	0.200%
21	11.186	1544	1547	1550	rVV	128296	108851	2.83%	0.284%
22	11.227	1550	1554	1558	rVV3	56140	77726	2.02%	0.203%
23	11.274	1559	1562	1568	rVB	155089	136215	3.54%	0.355%
24	11.380	1576	1580	1582	rBV	390445	407927	10.61%	1.064%
25	11.416	1582	1586	1588	rVV	2375648	2307104	60.03%	6.019%
26	11.457	1588	1593	1596	rVV	713580	628725	16.36%	1.640%
27	11.610	1613	1619	1626	rBV2	247883	274002	7.13%	0.715%
28	11.674	1627	1630	1633	rVV	61566	60313	1.57%	0.157%
29	11.710	1633	1636	1641	rVB4	58407	65591	1.71%	0.171%
30	11.880	1660	1665	1668	rBV	309658	307708	8.01%	0.803%
31	11.910	1668	1670	1673	rVB	458970	365026	9.50%	0.952%
32	11.957	1673	1678	1681	rBV	182109	163922	4.26%	0.428%
33	11.998	1681	1685	1687	rBV	576339	588460	15.31%	1.535%
34	12.174	1712	1715	1718	rVV	256366	220448	5.74%	0.575%

LSC Area Percent Report

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Acq On : 29 Nov 2017 22:59
Operator : SJ/JU
Sample : I6610-02 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

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	12.210	1718	1721	1724	rVB	224826	187024	4.87%	0.488%
36	12.327	1736	1741	1743	rBV	70076	80305	2.09%	0.210%
37	12.433	1755	1759	1761	rBV	147036	169243	4.40%	0.442%
38	12.474	1761	1766	1767	rVV2	90869	137071	3.57%	0.358%
39	12.527	1771	1775	1779	rVB2	182886	208960	5.44%	0.545%
40	12.615	1783	1790	1792	rBV	2911577	3683508	95.84%	9.610%
41	12.663	1796	1798	1800	rVB	91987	72289	1.88%	0.189%
42	12.692	1800	1803	1806	rVB	107458	88565	2.30%	0.231%
43	12.751	1806	1813	1815	rBV3	170742	248010	6.45%	0.647%
44	12.845	1821	1829	1832	rBV2	2655531	3843534	100.00%	10.027%
45	12.874	1832	1834	1839	rVB2	195135	187457	4.88%	0.489%
46	12.945	1839	1846	1851	rBV2	253062	389676	10.14%	1.017%
47	12.986	1851	1853	1857	rVB	239616	198601	5.17%	0.518%
48	13.045	1857	1863	1866	rBV2	242148	425875	11.08%	1.111%
49	13.127	1874	1877	1879	rBV4	191366	232149	6.04%	0.606%
50	13.157	1879	1882	1885	rVB	551982	495262	12.89%	1.292%
51	13.186	1885	1887	1890	rBV2	59267	61076	1.59%	0.159%
52	13.221	1890	1893	1895	rBV	426762	346536	9.02%	0.904%
53	13.257	1895	1899	1902	rVV2	315255	383451	9.98%	1.000%
54	13.280	1902	1903	1906	rVB2	98659	78294	2.04%	0.204%
55	13.315	1906	1909	1912	rVB2	72121	62912	1.64%	0.164%
56	13.351	1912	1915	1918	rBV	162636	142969	3.72%	0.373%
57	13.380	1918	1920	1923	rBV3	149188	142931	3.72%	0.373%
58	13.533	1942	1946	1948	rBV3	76348	112692	2.93%	0.294%
59	13.574	1951	1953	1956	rVV2	101066	102040	2.65%	0.266%
60	13.639	1960	1964	1966	rVV3	76252	93034	2.42%	0.243%
61	13.662	1966	1968	1972	rVV	310402	305799	7.96%	0.798%
62	13.774	1982	1987	1989	rVV	341065	357617	9.30%	0.933%
63	13.804	1989	1992	1994	rVV	340634	331072	8.61%	0.864%
64	13.827	1994	1996	2002	rVV3	310611	498428	12.97%	1.300%
65	13.874	2002	2004	2008	rVV	292323	266405	6.93%	0.695%
66	13.945	2011	2016	2022	rVB	83779	131314	3.42%	0.343%
67	14.027	2022	2030	2033	rBV2	1696421	2703154	70.33%	7.052%
68	14.062	2033	2036	2039	rVV	1581966	1632131	42.46%	4.258%
69	14.139	2046	2049	2052	rVV	408825	396320	10.31%	1.034%
70	14.174	2052	2055	2058	rVV2	117535	165631	4.31%	0.432%
71	14.215	2060	2062	2064	rVV	142637	130364	3.39%	0.340%

LSC Area Percent Report

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Sample : I6610-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.251	2064	2068	2071	rVV2	186984	262908	6.84%	0.686%
73	14.286	2071	2074	2076	rVB	73448	66893	1.74%	0.175%
74	14.345	2081	2084	2086	rVV2	59981	78654	2.05%	0.205%
75	14.374	2086	2089	2091	rVV2	122819	151884	3.95%	0.396%
76	14.415	2091	2096	2098	rVV	300796	394266	10.26%	1.029%
77	14.445	2098	2101	2105	rVV2	180347	225429	5.87%	0.588%
78	14.509	2105	2112	2114	rVV3	140983	282916	7.36%	0.738%
79	14.539	2114	2117	2118	rVV	209498	192337	5.00%	0.502%
80	14.557	2118	2120	2124	rVV2	210138	220897	5.75%	0.576%
81	14.604	2124	2128	2134	rVB3	114824	193951	5.05%	0.506%
82	14.727	2146	2149	2151	rBV2	94153	93606	2.44%	0.244%
83	14.909	2176	2180	2187	rBV2	129516	187218	4.87%	0.488%
84	14.968	2188	2190	2196	rBV6	36402	66402	1.73%	0.173%
85	15.086	2203	2210	2212	rBV	1062110	1786131	46.47%	4.660%
86	15.109	2212	2214	2217	rVB	648121	535461	13.93%	1.397%
87	15.186	2223	2227	2230	rBV	249996	270821	7.05%	0.707%
88	15.274	2238	2242	2243	rBV2	67369	90678	2.36%	0.237%
89	15.386	2256	2261	2267	rVB	624320	866671	22.55%	2.261%
90	15.456	2267	2273	2276	rVV	867587	1182452	30.76%	3.085%
91	15.509	2277	2282	2284	rVV	227265	318039	8.27%	0.830%
92	15.539	2284	2287	2293	rVB	335638	441747	11.49%	1.152%
93	16.068	2374	2377	2383	rVB	68081	91286	2.38%	0.238%
94	16.792	2495	2500	2504	rBV2	53493	109332	2.84%	0.285%
95	17.003	2528	2536	2543	rVV	431328	876330	22.80%	2.286%
96	17.068	2543	2547	2552	rVB2	38855	65945	1.72%	0.172%
97	17.168	2558	2564	2569	rBV	80794	164259	4.27%	0.429%
98	17.227	2569	2574	2579	rVV2	64272	112544	2.93%	0.294%
99	17.456	2605	2613	2620	rVB	307134	667724	17.37%	1.742%
100	17.686	2647	2652	2667	rVB2	112499	293534	7.64%	0.766%

Sum of corrected areas: 38330042

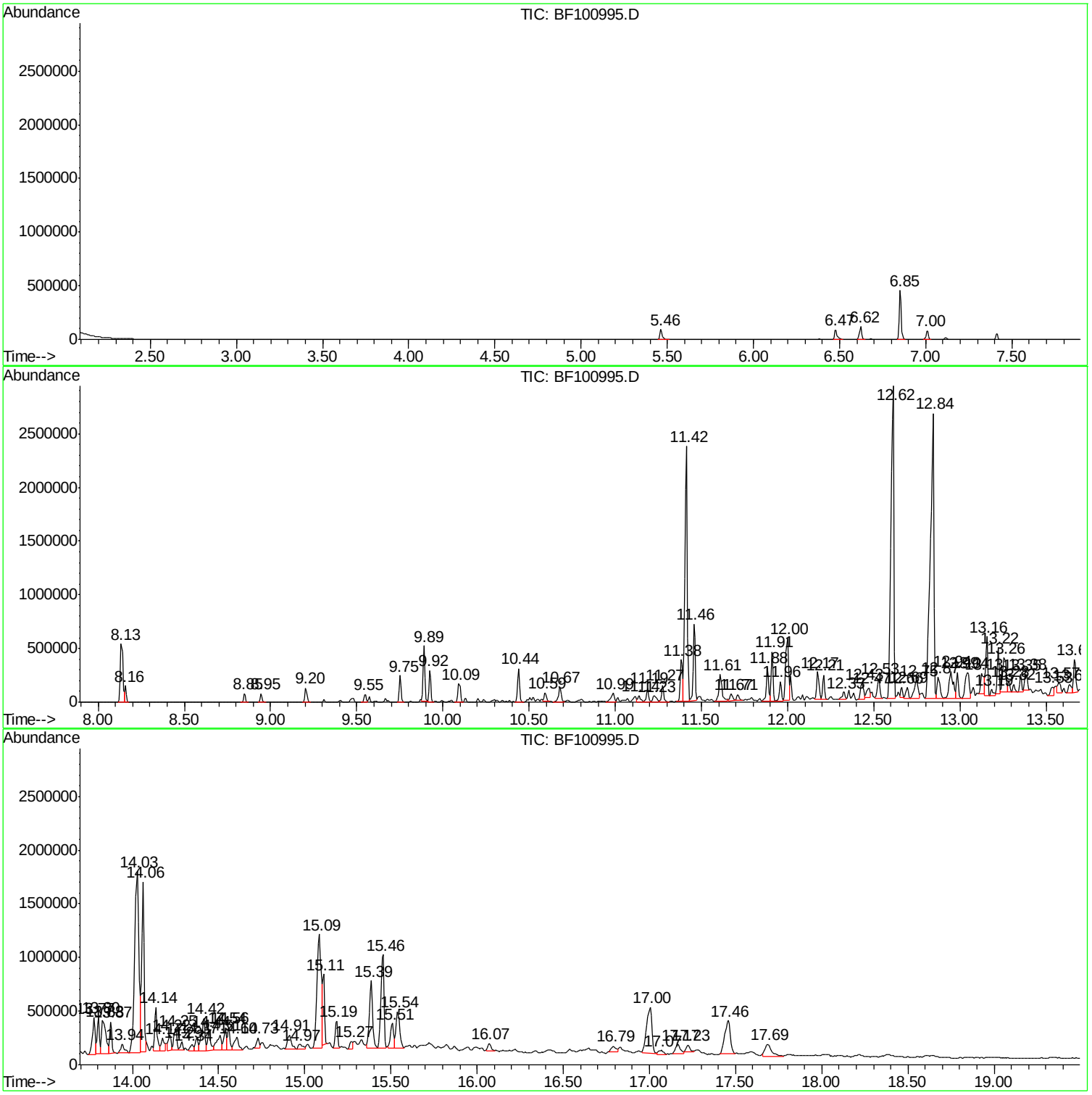
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100995.D
Acq On : 29 Nov 2017 22:59
Operator : SJ/JU
Sample : I6610-02 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)-20171127

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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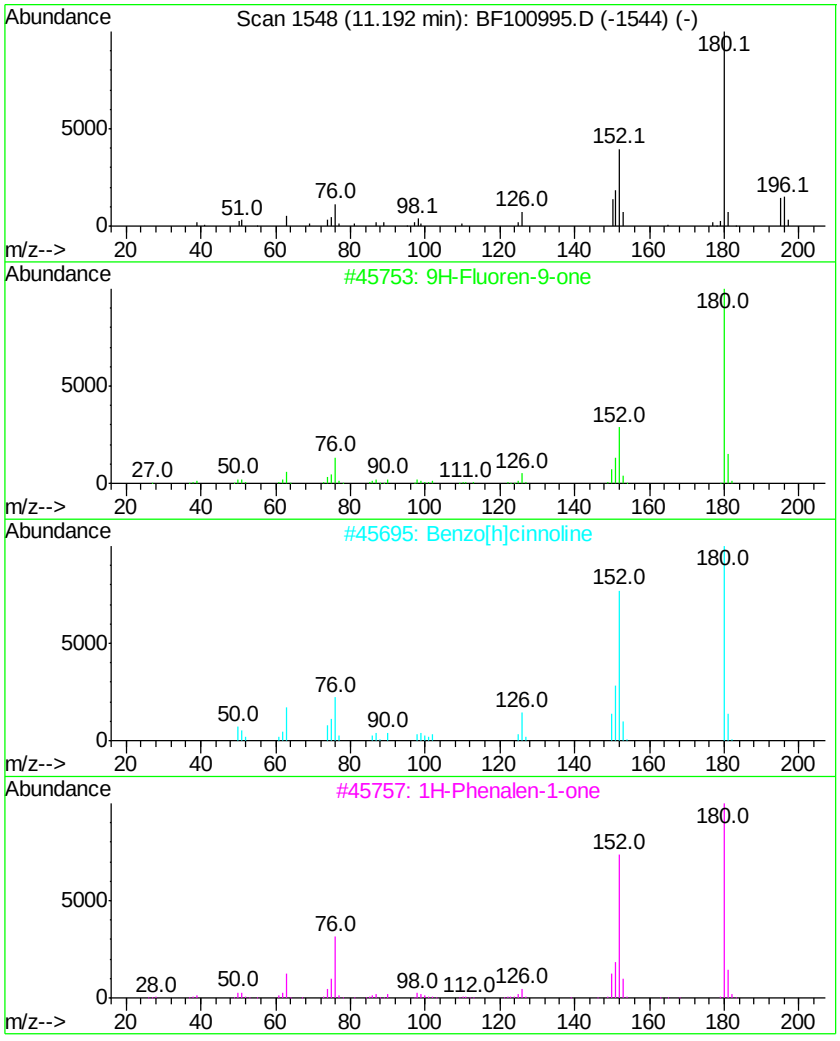
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

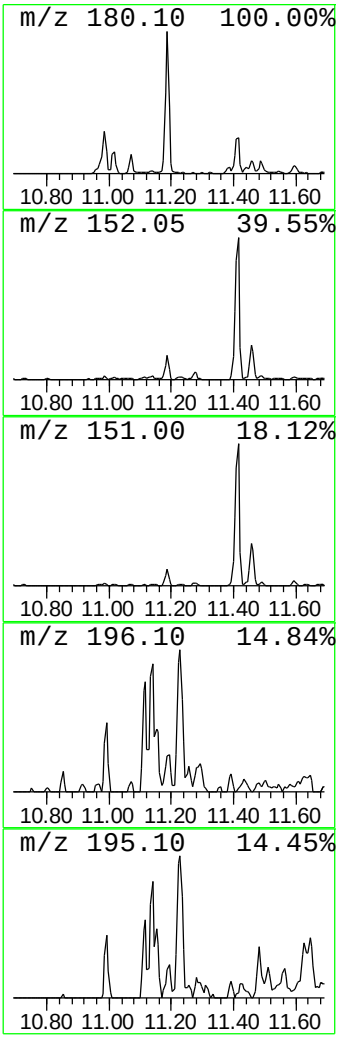
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.34 ng	108851	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	64
5	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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ClientSampleId : SB-3(0-2)-20171127

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
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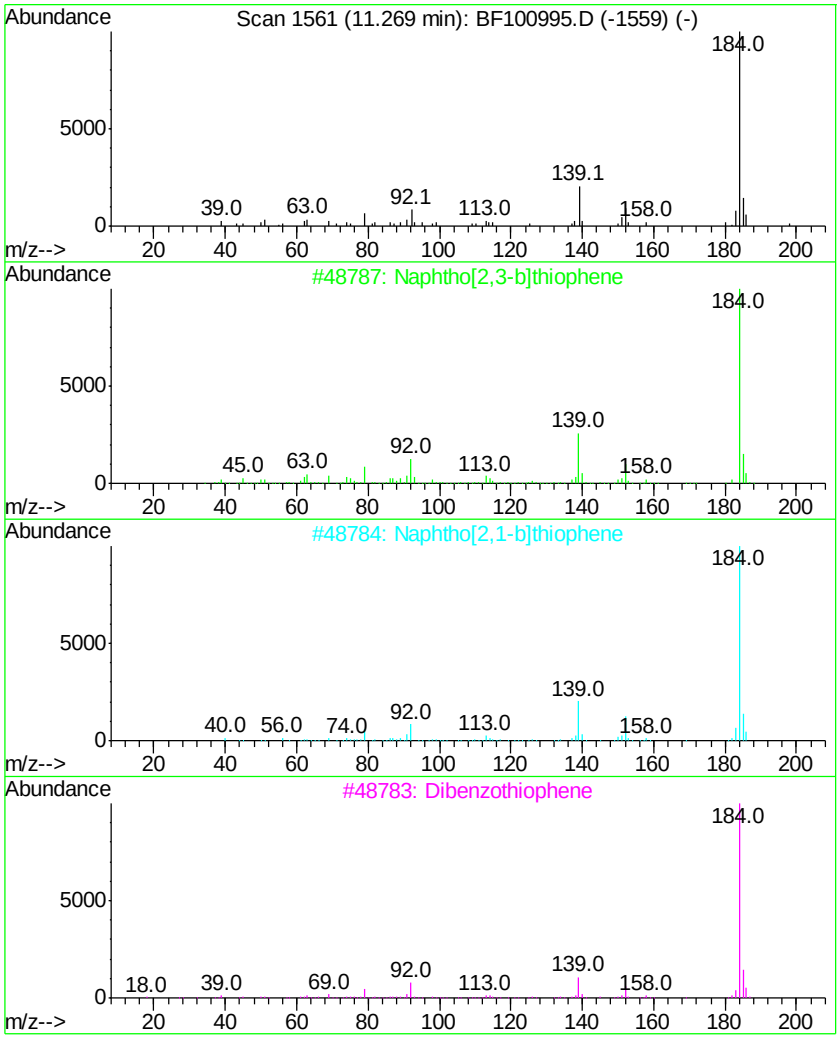
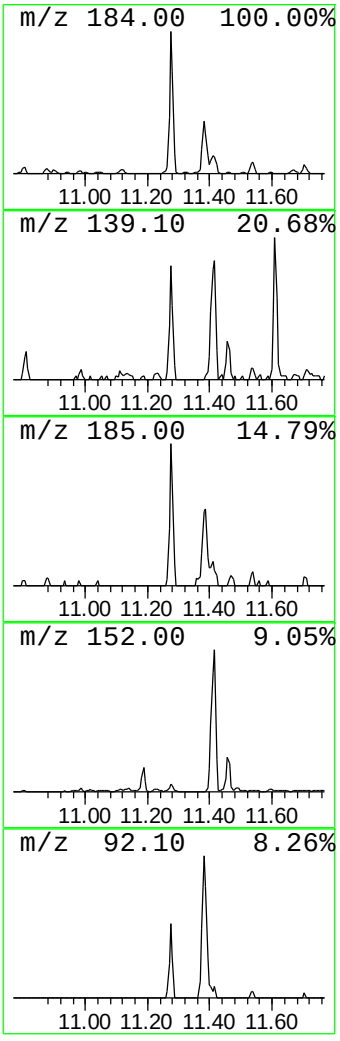
****

Peak Number 2 Naphtho[2,3-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.68 ng	136215	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
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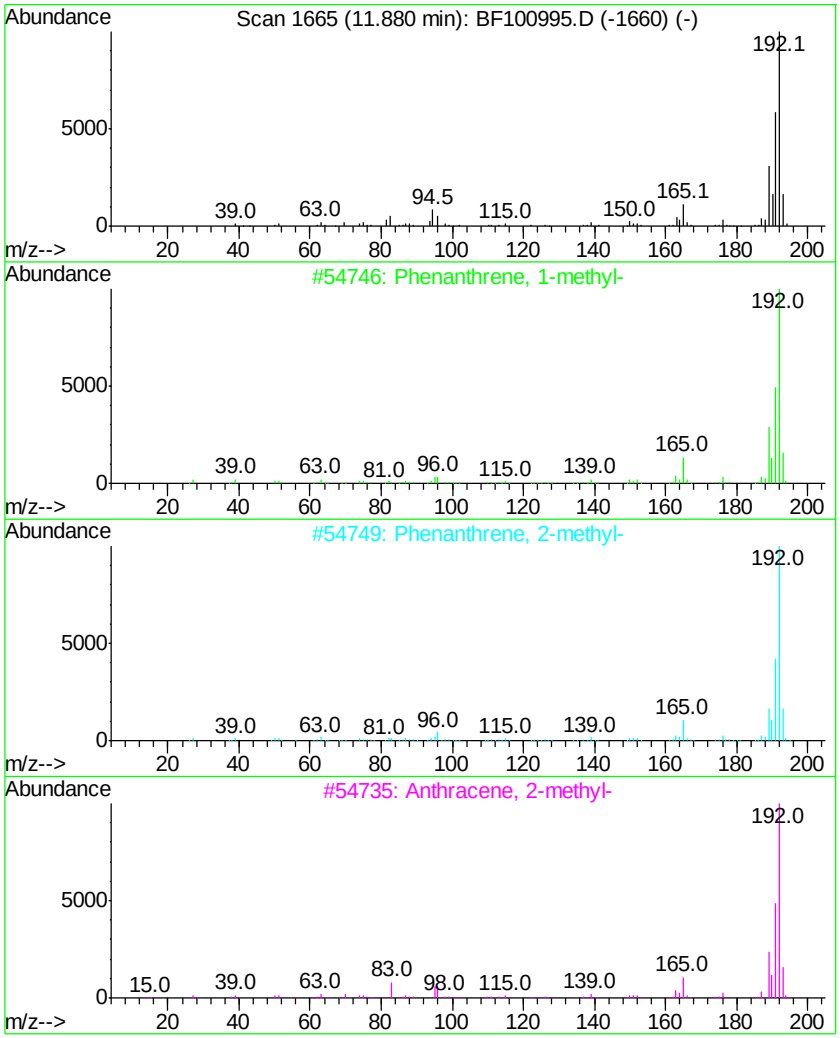
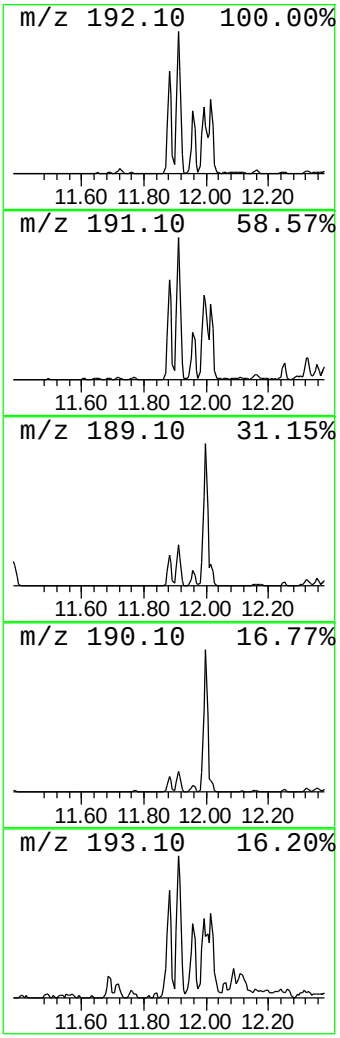
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	15.09 ng	307708	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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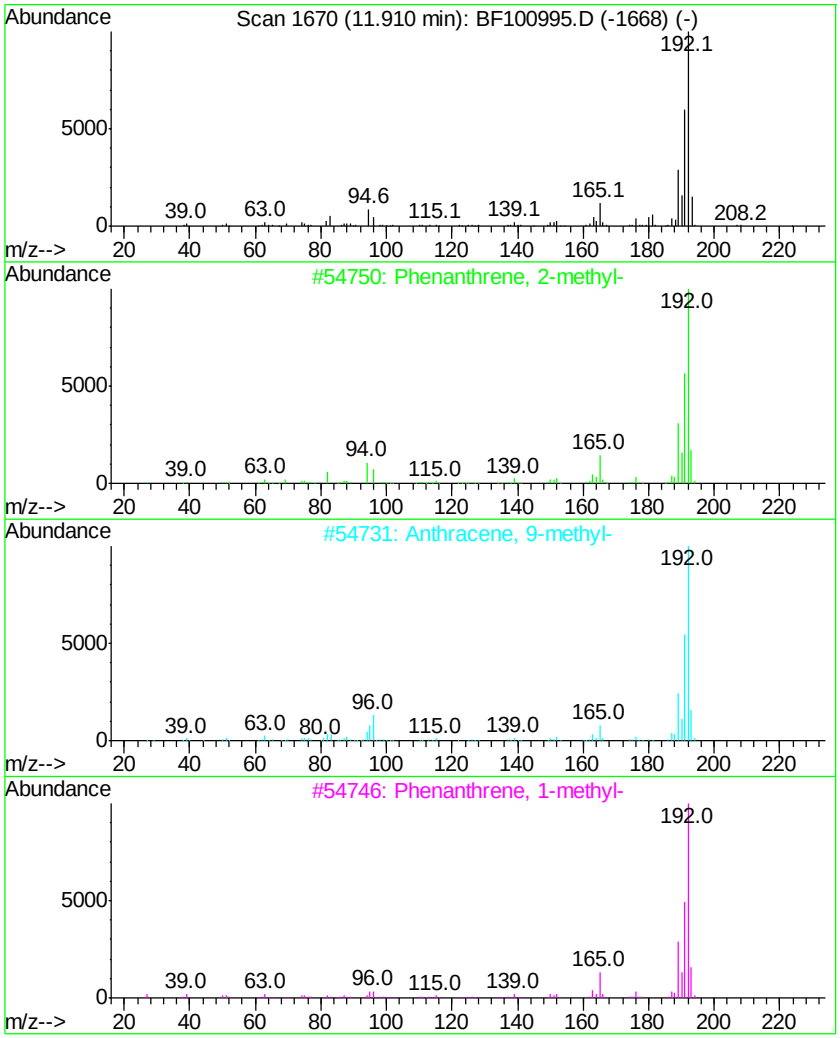
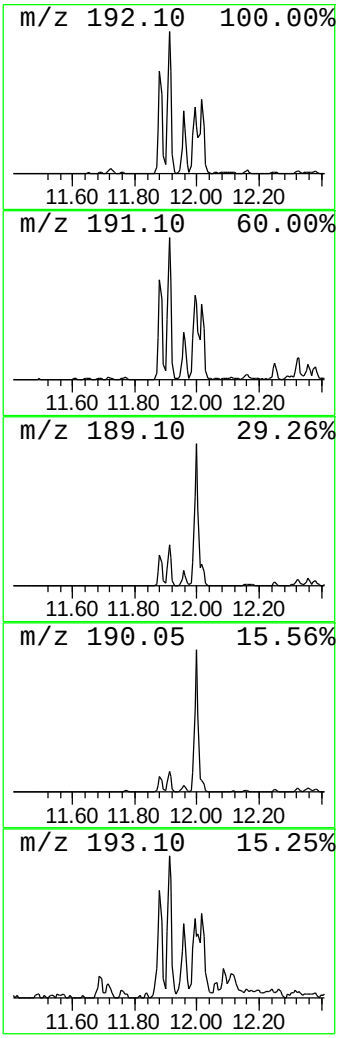
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	17.90 ng	365026	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100995.D
Acq On : 29 Nov 2017 22:59
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Sample : I6610-02 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

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

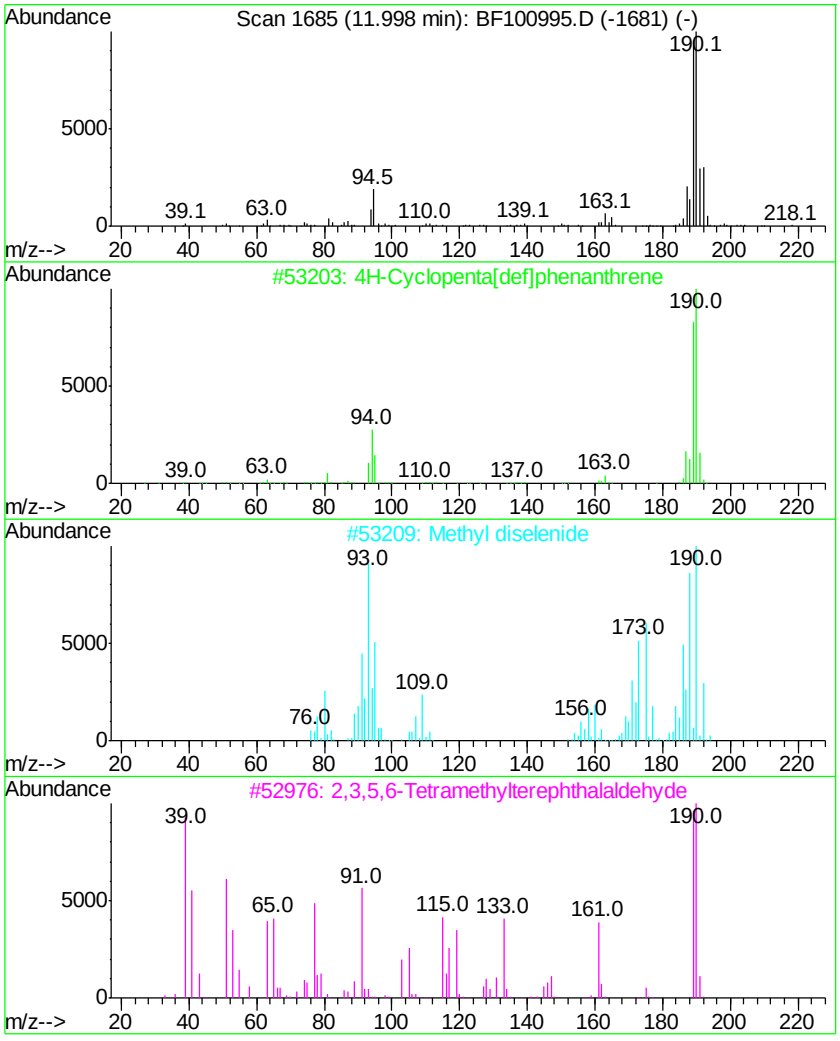
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

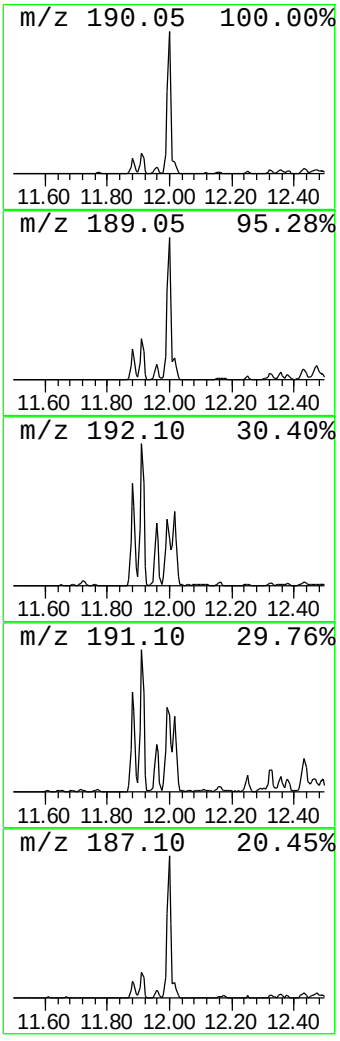
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	28.85 ng	588460	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	60
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : SJ/JU
Sample : I6610-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

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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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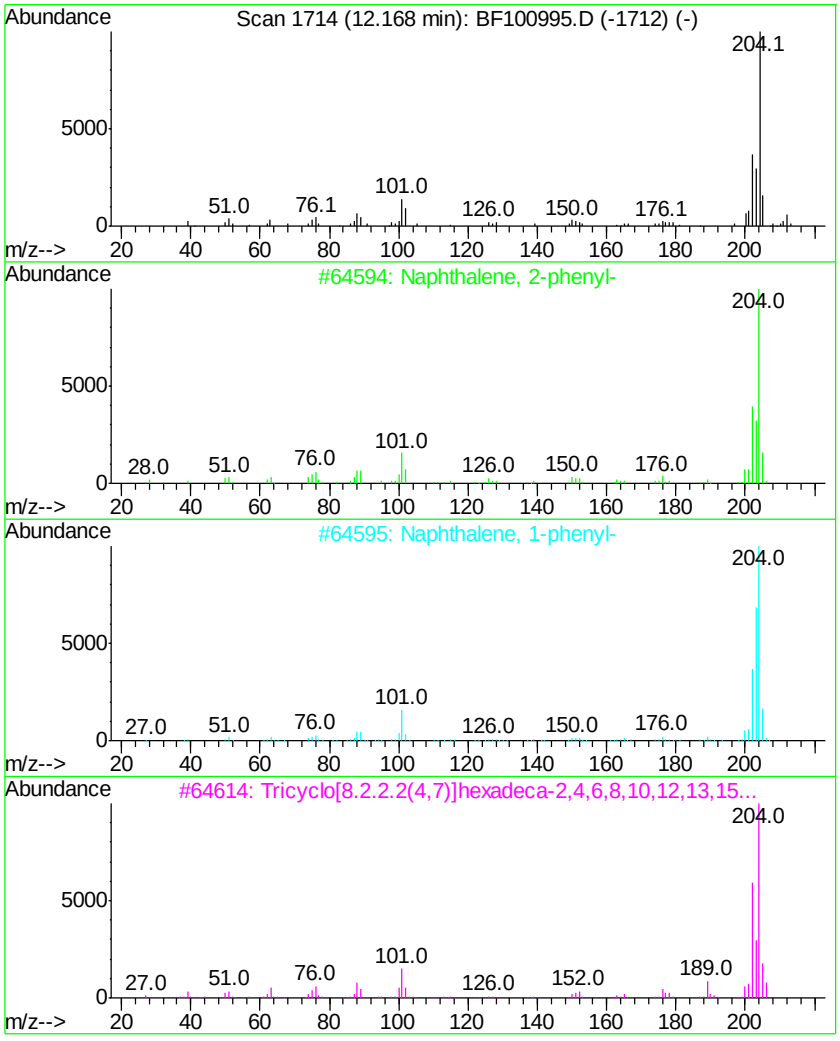
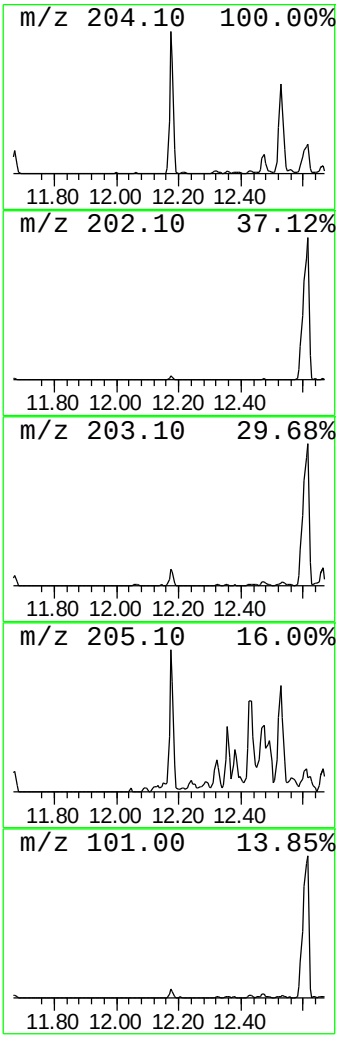
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	10.81 ng	220448	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	80
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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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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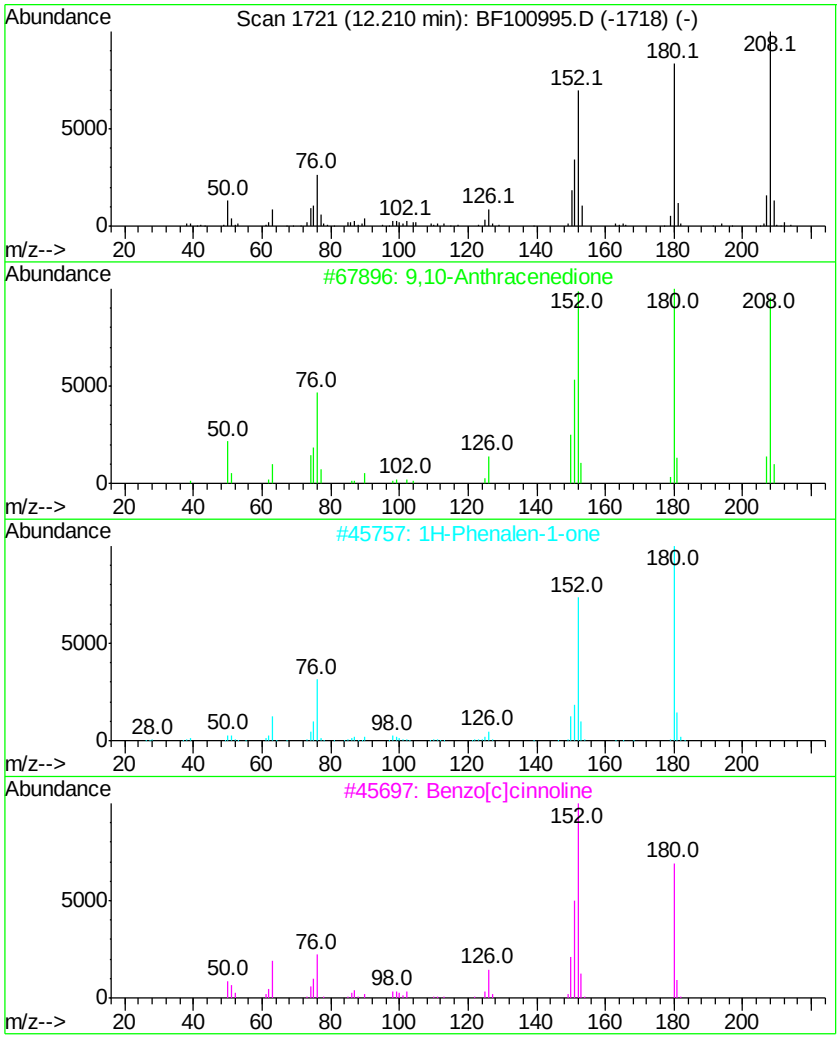
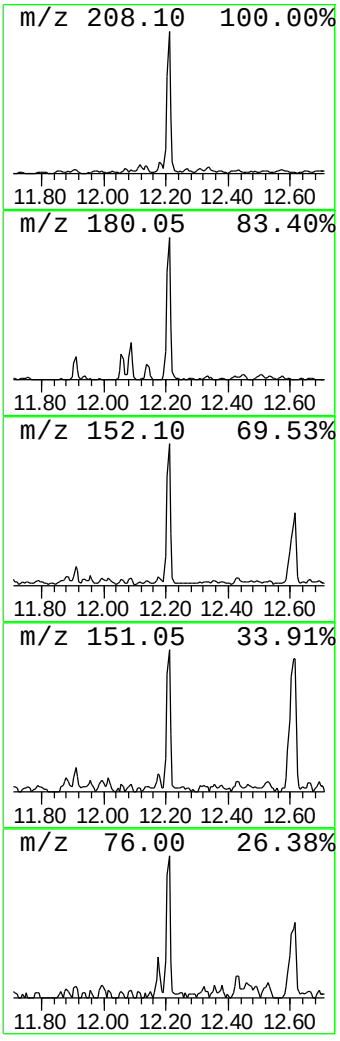
Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	9.17 ng	187024	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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

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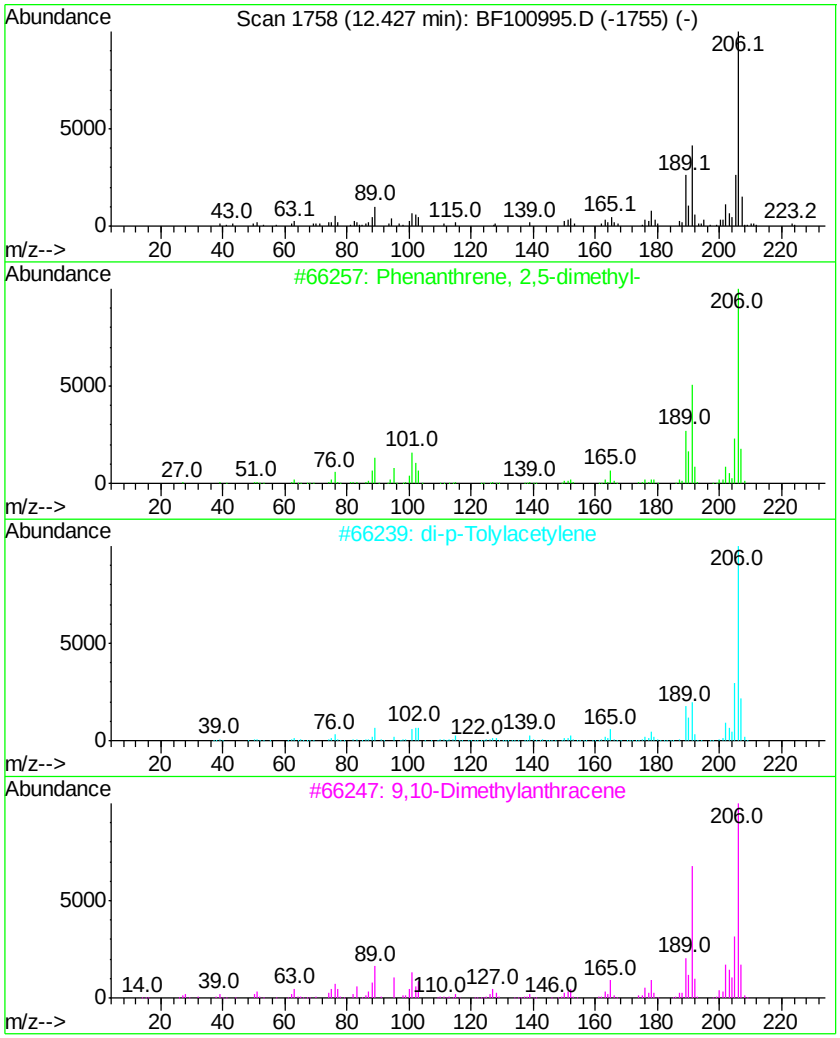
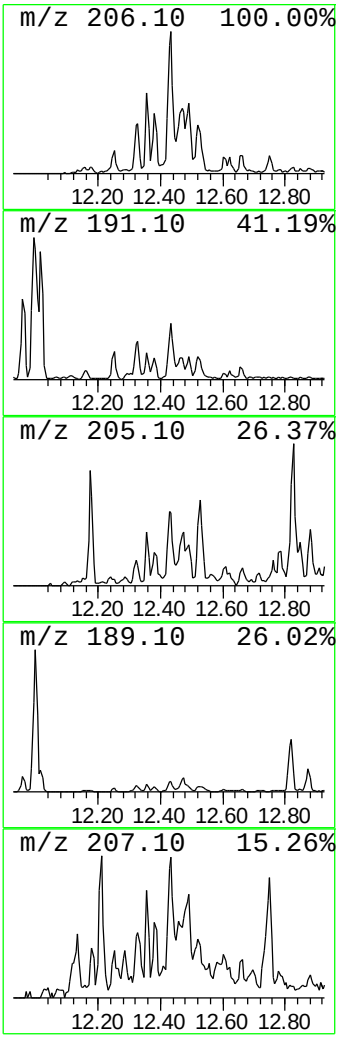
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.30 ng	169243	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

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Sample : I6610-02 10X
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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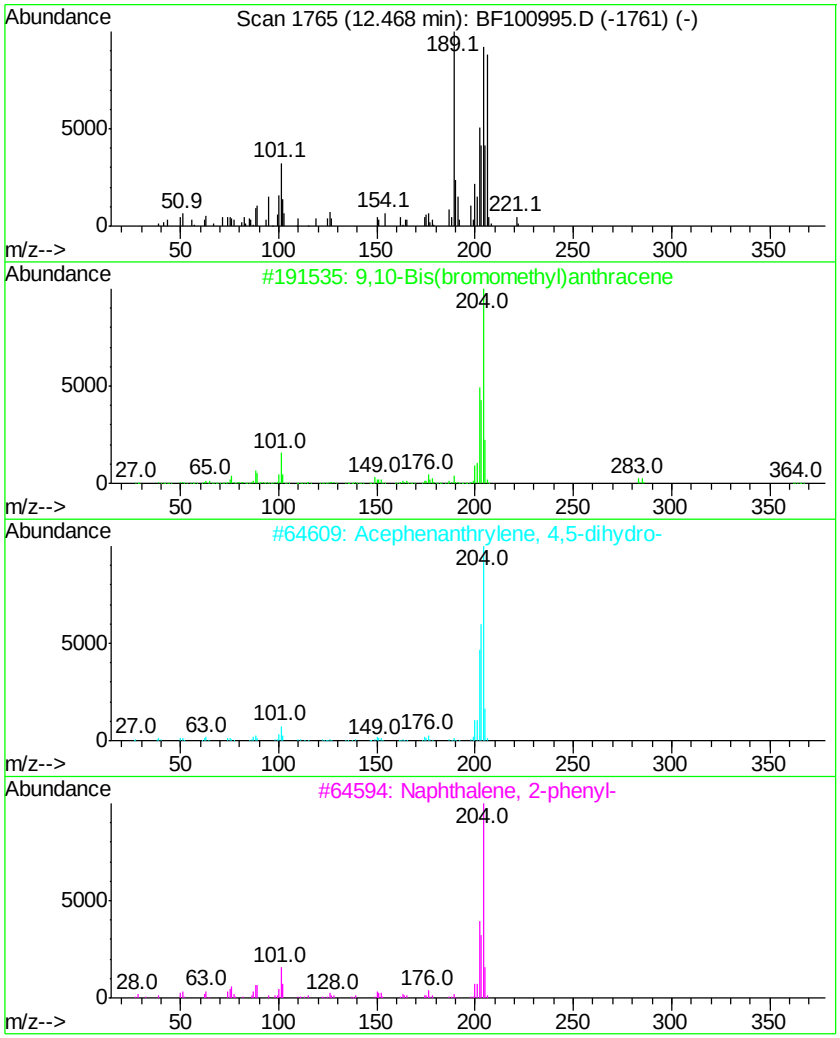
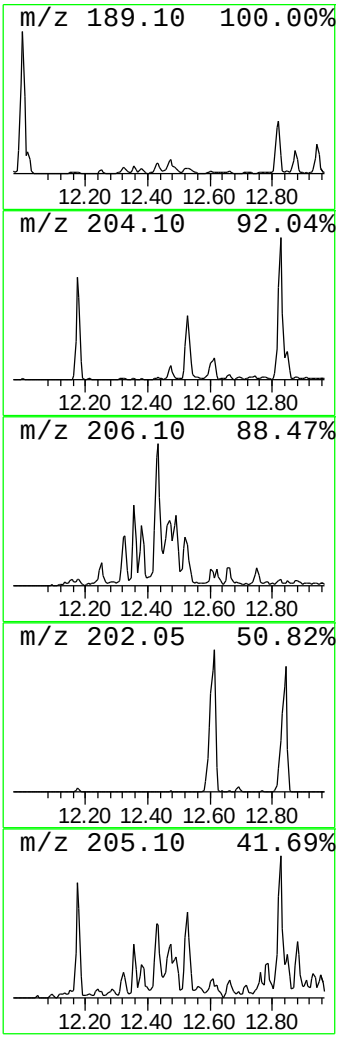
Peak Number 10 unknown12.47 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.72 ng	137071	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	27





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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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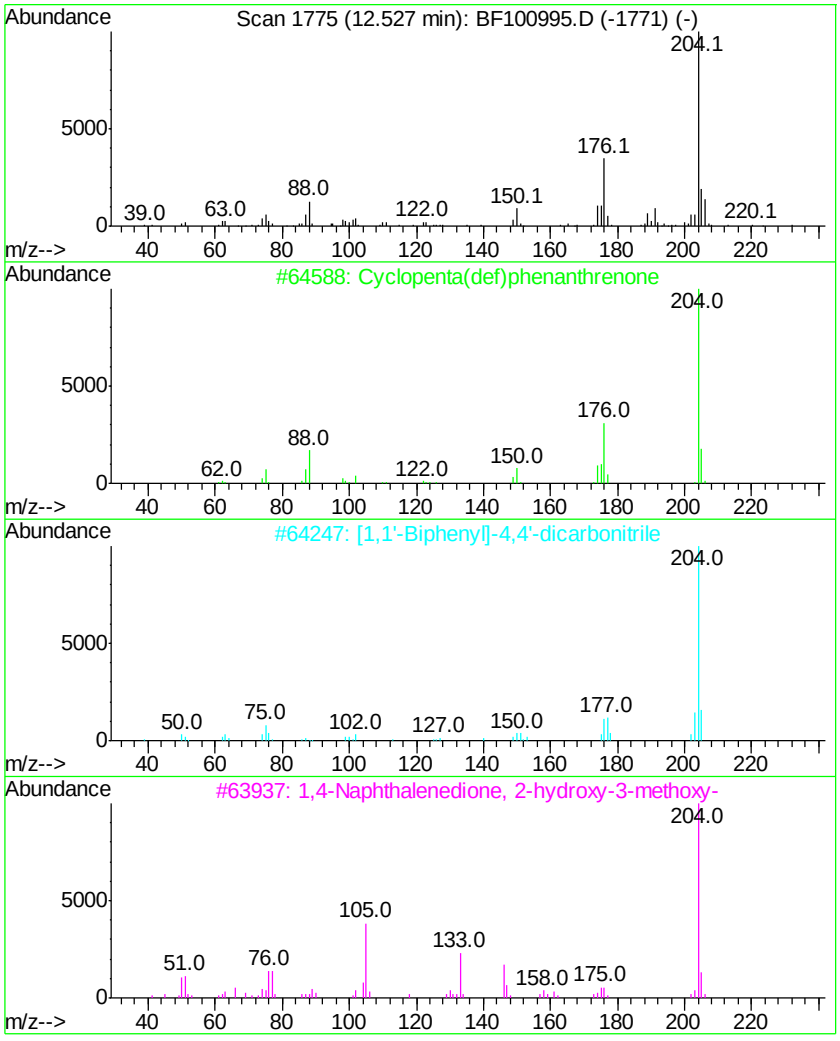
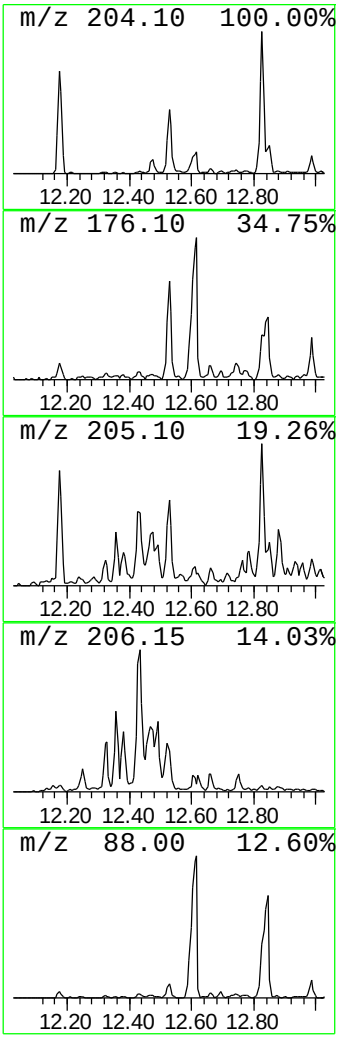
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	10.25 ng	208960	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	.alpha.-D-Mannopyranoside, methy...	482	C19H46O6Si4	001769-06-8	40





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

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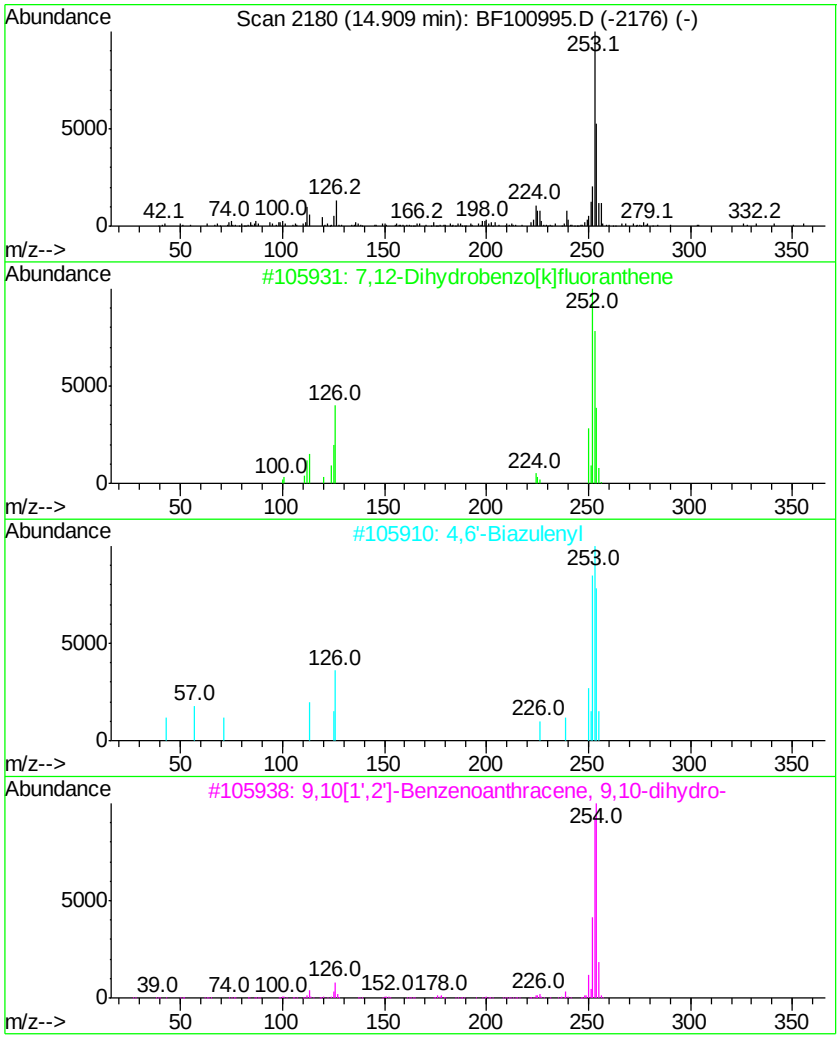
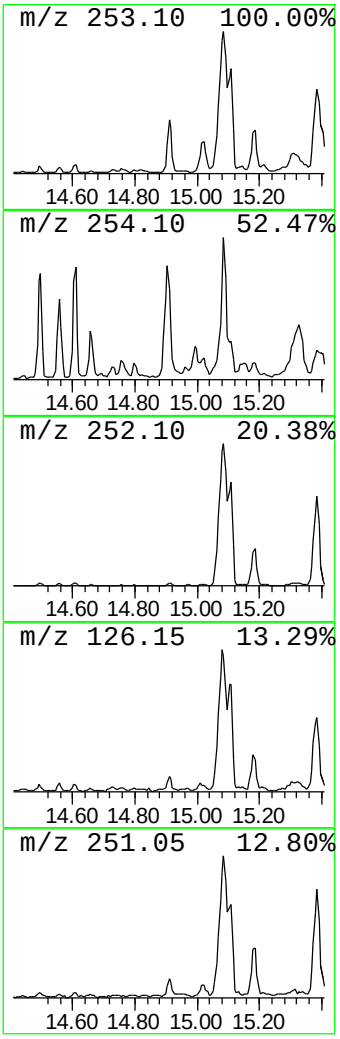
Peak Number 12 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	11.77 ng	187218	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	62
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	55
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	52
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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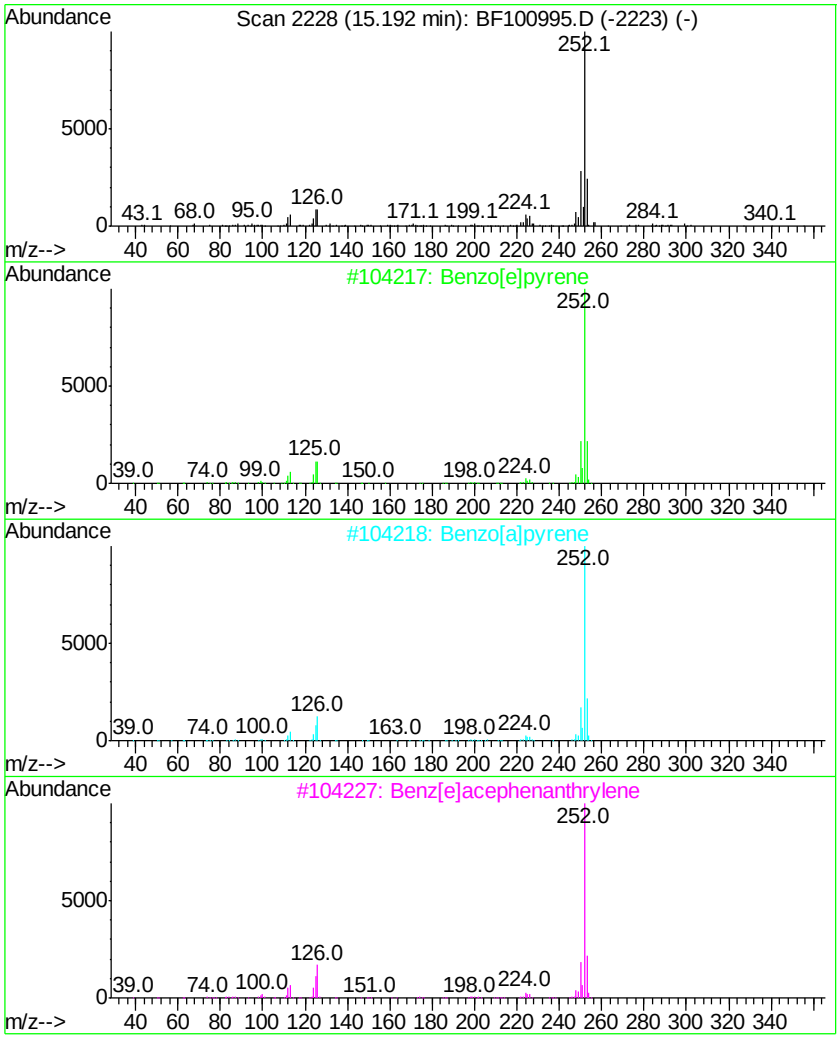
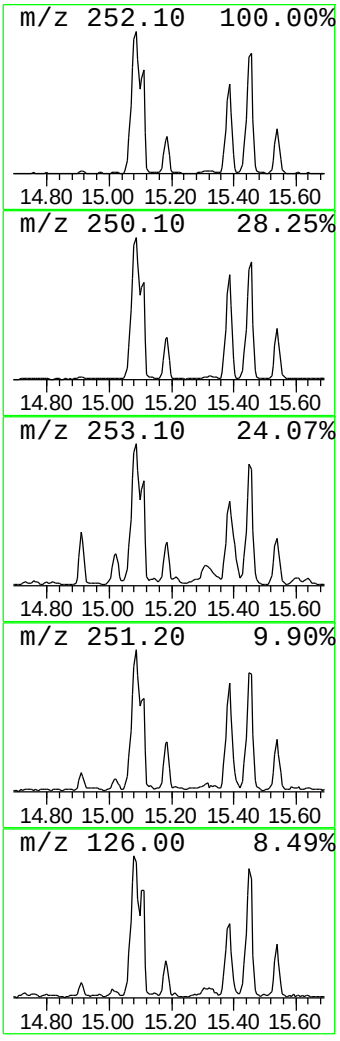
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	17.03 ng	270821	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	70





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TIC Integration Parameters: LSCINT.P

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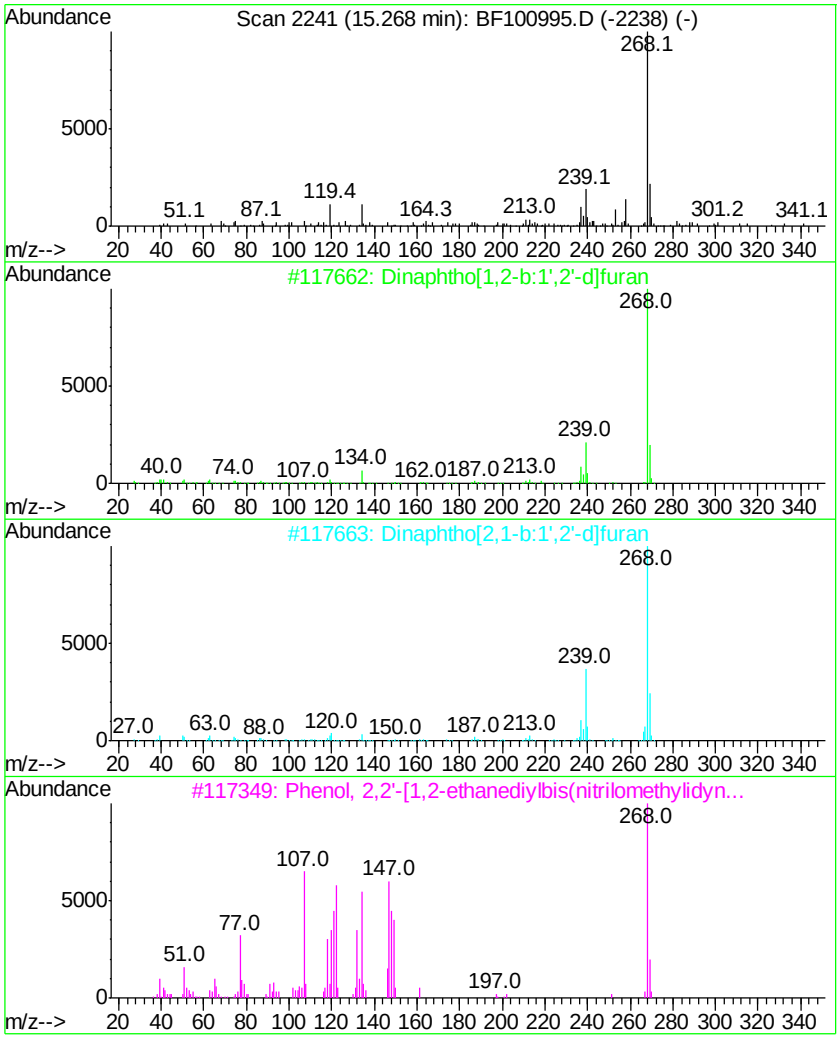
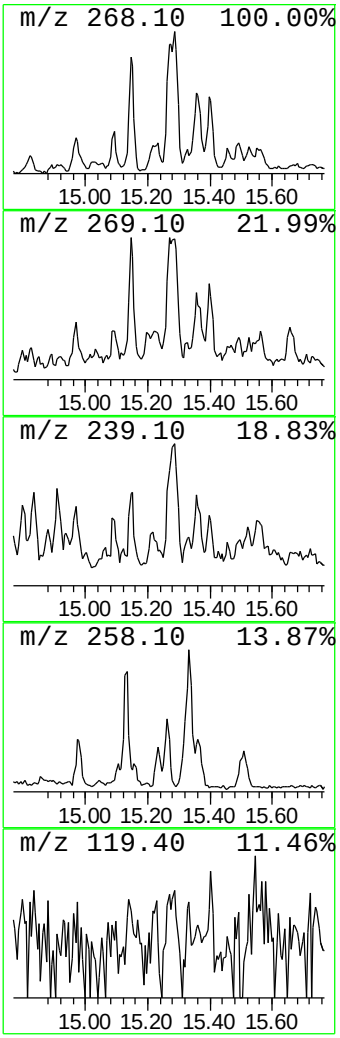
Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	5.70 ng	90678	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	90
4	9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	64
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64





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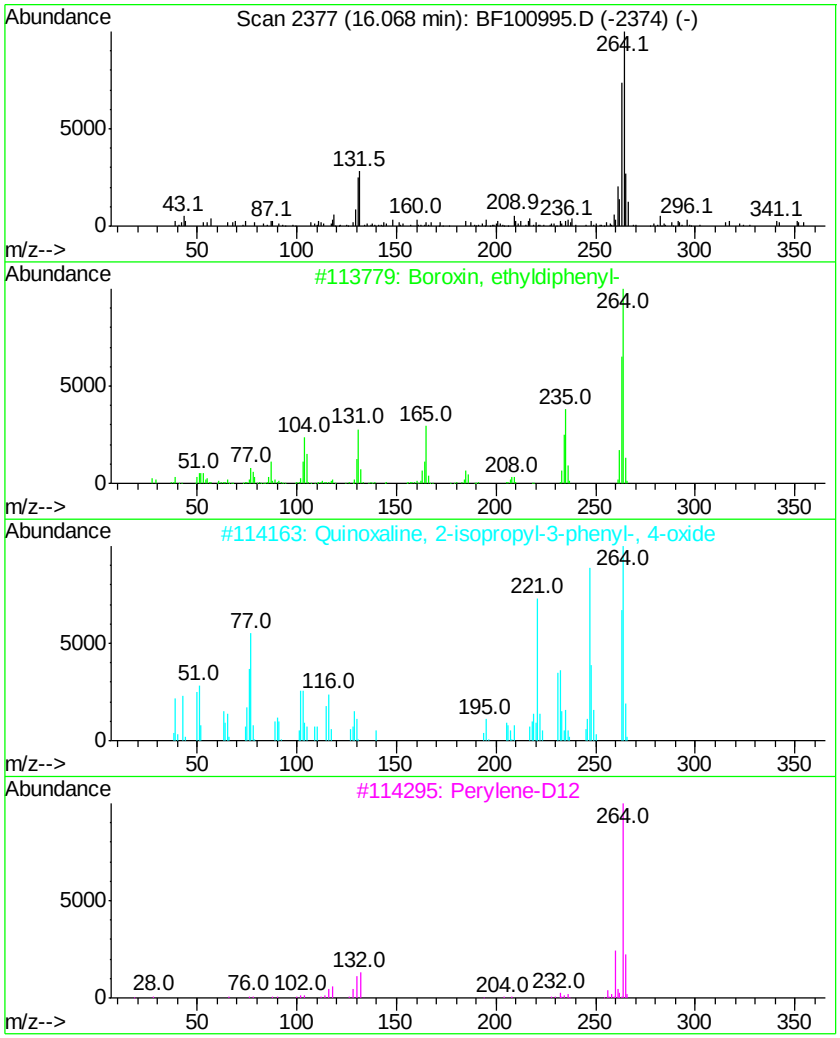
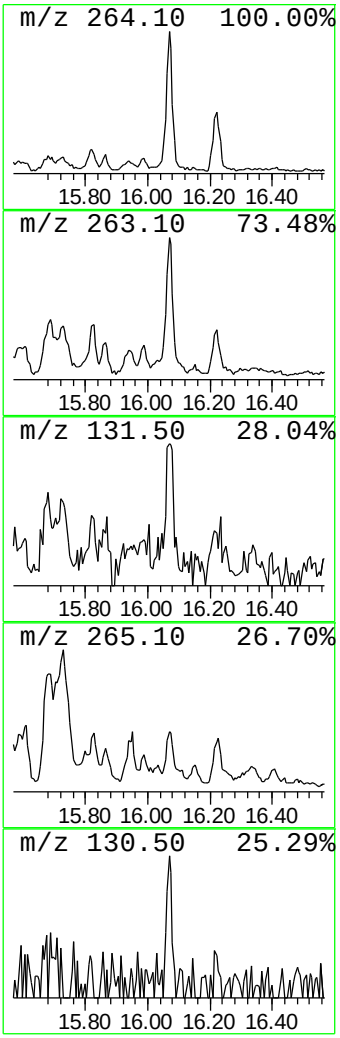
Peak Number 16 Boroxin, ethyldiphenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.74 ng	91286	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
2	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	49
3	Perylene-D12	264	C20D12	001520-96-3	35
4	2,3,4,5,6-Pentachlorobenzyl 3-et...	518	C18H15Cl5O5S	1000332-55-0	35
5	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	30





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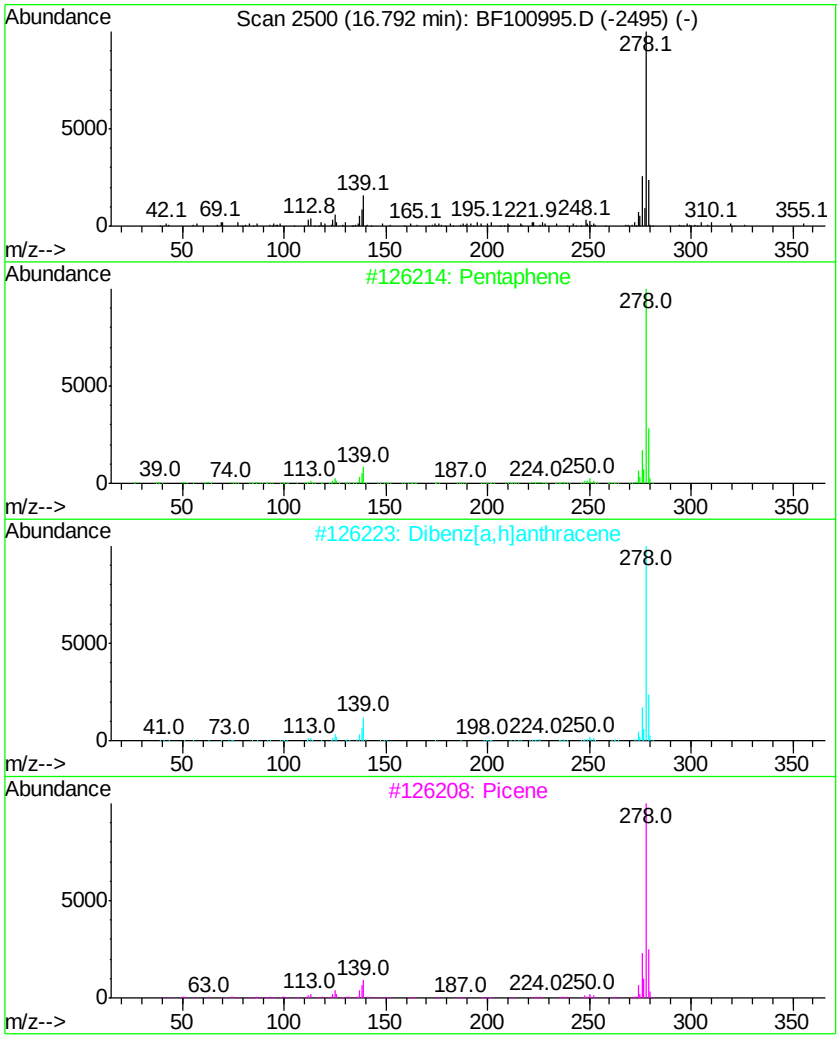
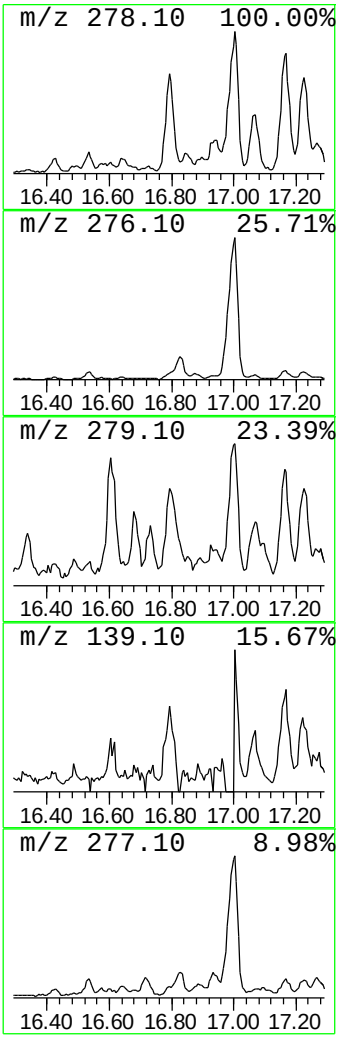
Peak Number 17 Pentaphene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	6.88 ng	109332	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	93
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Picene	278	C22H14	000213-46-7	89
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	81





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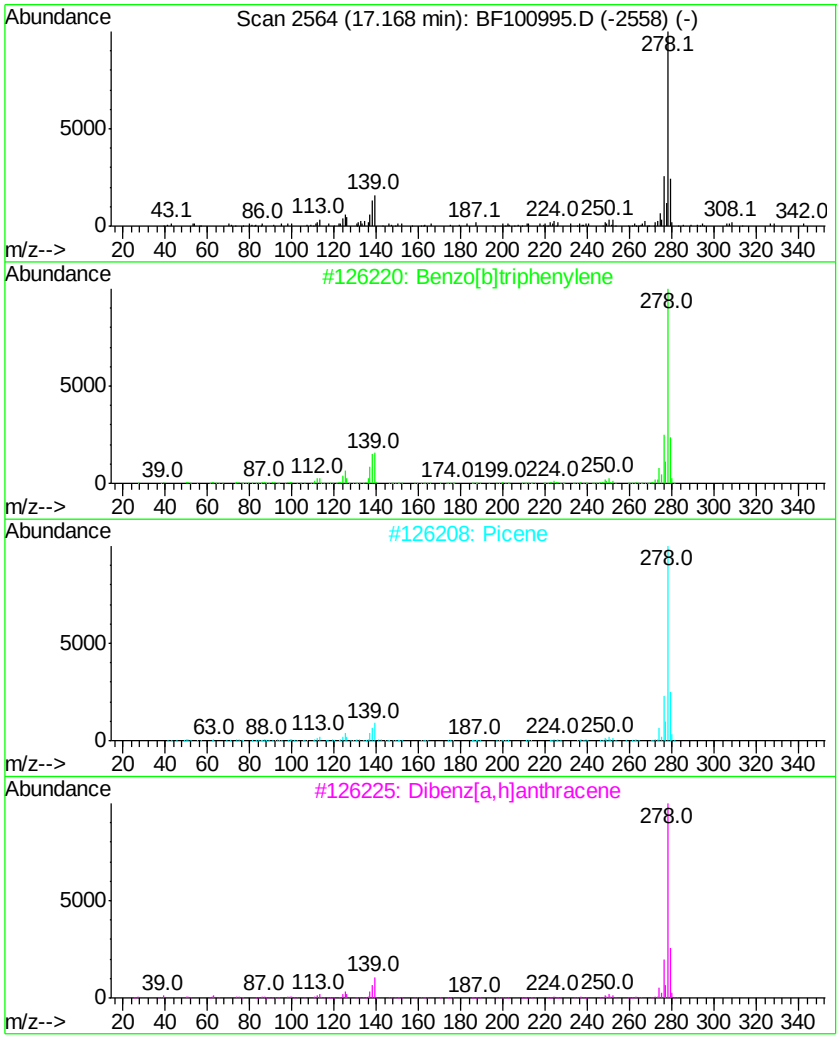
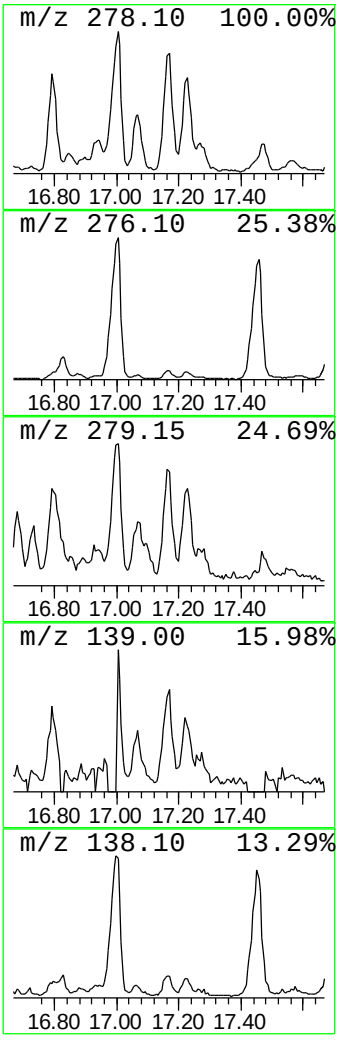
Peak Number 18 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	10.33 ng	164259	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0-2)-20171127

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
9H-Fluoren-9-one	11.19	5.3	ng	108851	4	11.38	407927	20.0
Naphtho[2,3-b]thi...	11.27	6.7	ng	136215	4	11.38	407927	20.0
Phenanthrene, 1-m...	11.88	15.1	ng	307708	4	11.38	407927	20.0
Phenanthrene, 2-m...	11.91	17.9	ng	365026	4	11.38	407927	20.0
4H-Cyclopenta[def...	12.00	28.9	ng	588460	4	11.38	407927	20.0
Naphthalene, 2-ph...	12.17	10.8	ng	220448	4	11.38	407927	20.0
9,10-Anthracenedione	12.21	9.2	ng	187024	4	11.38	407927	20.0
Phenanthrene, 2,5...	12.43	8.3	ng	169243	4	11.38	407927	20.0
unknown12.47	12.47	6.7	ng	137071	4	11.38	407927	20.0
Cyclopenta(def)ph...	12.53	10.3	ng	208960	4	11.38	407927	20.0
7,12-Dihydrobenzo...	14.91	11.8	ng	187218	6	15.51	318039	20.0
Benzo[e]pyrene	15.19	17.0	ng	270821	6	15.51	318039	20.0
Dinaphtho[1,2-b:1...	15.27	5.7	ng	90678	6	15.51	318039	20.0
Boroxin, ethyldip...	16.07	5.7	ng	91286	6	15.51	318039	20.0
Pentaphene	16.79	6.9	ng	109332	6	15.51	318039	20.0
Benzo[b]triphenylene	17.17	10.3	ng	164259	6	15.51	318039	20.0