LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100853.D
Acq On : 23 Nov 2017 4:47
Operator : SJ/JU
Sample : I6548-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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	5.087	506	510	519	rBV	85536	103800	6.24%	0.355%
2	5.481	572	577	580	rBV	1365321	1256428	75.54%	4.294%
3	6.487	743	748	755	rBV	1249327	1334294	80.22%	4.560%
4	6.628	768	772	775	rBV	1505571	1328258	79.85%	4.539%
5	6.857	808	811	815	rBB	545364	445000	26.75%	1.521%
6	7.016	834	838	841	rBV	1282361	1046270	62.90%	3.575%
7	7.422	902	907	910	rBV	912755	806852	48.51%	2.757%
8	8.139	1025	1029	1031	rBV	693901	588083	35.36%	2.010%
9	8.163	1031	1033	1036	rVB	190156	136462	8.20%	0.466%
10	8.851	1147	1150	1154	rVB	108707	85669	5.15%	0.293%
11	8.951	1163	1167	1171	rBB	93851	71561	4.30%	0.245%
12	9.216	1207	1212	1215	rVB	1833252	1472613	88.53%	5.032%
13	9.480	1252	1257	1261	rBV	39807	50359	3.03%	0.172%
14	9.551	1265	1269	1272	rBV	76700	78914	4.74%	0.270%
15	9.610	1276	1279	1281	rVB	135894	113511	6.82%	0.388%
16	9.822	1307	1315	1318	rBV2	44081	47399	2.85%	0.162%
17	9.898	1325	1328	1331	rVV	753981	625719	37.62%	2.138%
18	9.928	1331	1333	1336	rVV	434484	320619	19.28%	1.096%
19	10.051	1349	1354	1357	rBV2	45789	48088	2.89%	0.164%
20	10.098	1357	1362	1366	rVV	251784	229441	13.79%	0.784%
21	10.298	1392	1396	1398	rBV2	36832	46668	2.81%	0.159%
22	10.316	1398	1399	1402	rVB	64668	48535	2.92%	0.166%
23	10.445	1417	1421	1424	rBV	323396	293505	17.65%	1.003%
24	10.527	1433	1435	1438	rVB3	55957	47853	2.88%	0.164%
25	10.598	1445	1447	1453	rVB	103662	85173	5.12%	0.291%
26	10.686	1458	1462	1465	rVV	1001448	908705	54.63%	3.105%
27	10.992	1507	1514	1516	rBV4	74034	120801	7.26%	0.413%
28	11.116	1530	1535	1537	rVV3	57035	73944	4.45%	0.253%
29	11.139	1537	1539	1541	rVV3	65137	57762	3.47%	0.197%
30	11.186	1544	1547	1551	rVB	107862	94784	5.70%	0.324%
31	11.239	1551	1556	1559	rBV3	83446	117999	7.09%	0.403%
32	11.280	1560	1563	1568	rVB	172626	143047	8.60%	0.489%
33	11.386	1577	1581	1583	rBV	641532	628660	37.79%	2.148%
34	11.416	1583	1586	1588	rVV	1840818	1663356	100.00%	5.684%

LSC Area Percent Report

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Acq On : 23 Nov 2017 4:47
Operator : SJ/JU
Sample : I6548-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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	11.463	1588	1594	1596	rVV	548656	524650	31.54%	1.793%
36	11.492	1596	1599	1602	rVB2	74271	68056	4.09%	0.233%
37	11.610	1613	1619	1627	rBV2	212339	292972	17.61%	1.001%
38	11.674	1627	1630	1634	rVV3	45962	60514	3.64%	0.207%
39	11.716	1634	1637	1642	rVV5	37374	56339	3.39%	0.193%
40	11.886	1660	1666	1668	rBV	215410	231588	13.92%	0.791%
41	11.910	1668	1670	1674	rVB	293257	283805	17.06%	0.970%
42	11.963	1674	1679	1681	rBV	145624	133494	8.03%	0.456%
43	11.998	1681	1685	1687	rVV	335593	341874	20.55%	1.168%
44	12.016	1687	1688	1692	rVB	136492	114097	6.86%	0.390%
45	12.180	1713	1716	1718	rVV	148415	126008	7.58%	0.431%
46	12.204	1718	1720	1723	rVV	87429	68174	4.10%	0.233%
47	12.327	1736	1741	1744	rBV3	59148	59531	3.58%	0.203%
48	12.433	1753	1759	1762	rBV	98572	132411	7.96%	0.452%
49	12.474	1762	1766	1768	rVV3	70649	93311	5.61%	0.319%
50	12.521	1771	1774	1779	rVB2	88755	108787	6.54%	0.372%
51	12.598	1783	1787	1791	rBV	1349568	1317348	79.20%	4.502%
52	12.751	1805	1813	1815	rBV3	67057	118599	7.13%	0.405%
53	12.833	1820	1827	1831	rBV2	1091172	1371784	82.47%	4.688%
54	12.874	1831	1834	1839	rVB2	81678	88213	5.30%	0.301%
55	12.945	1842	1846	1847	rBV	100175	102640	6.17%	0.351%
56	12.968	1847	1850	1856	rVB	1072132	1042865	62.70%	3.564%
57	13.039	1856	1862	1866	rBV2	89072	164727	9.90%	0.563%
58	13.127	1874	1877	1878	rVV2	62942	66630	4.01%	0.228%
59	13.151	1878	1881	1884	rVB	182668	189774	11.41%	0.649%
60	13.221	1889	1893	1895	rBV	112118	97156	5.84%	0.332%
61	13.257	1895	1899	1902	rVV2	142519	165677	9.96%	0.566%
62	13.351	1912	1915	1917	rBV	65091	56441	3.39%	0.193%
63	13.380	1917	1920	1923	rVB2	71053	69801	4.20%	0.239%
64	13.533	1942	1946	1948	rBV4	33220	45905	2.76%	0.157%
65	13.663	1965	1968	1971	rVB	91286	93549	5.62%	0.320%
66	13.774	1981	1987	1989	rBV2	87592	124423	7.48%	0.425%
67	13.798	1989	1991	1994	rVV	120294	125455	7.54%	0.429%
68	13.827	1994	1996	1997	rVV	81202	76057	4.57%	0.260%
69	13.851	1997	2000	2001	rVV2	107404	130705	7.86%	0.447%
70	13.868	2001	2003	2010	rVB	127344	141208	8.49%	0.483%
71	13.939	2010	2015	2020	rBV	33615	76478	4.60%	0.261%

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Sample : I6548-07
Misc :
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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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

72	14.021	2021	2029	2032	rBV3	791851	1208217	72.64%	4.129%
73	14.051	2032	2034	2039	rVV	592245	521664	31.36%	1.783%
74	14.127	2042	2047	2050	rVV2	98363	112138	6.74%	0.383%
75	14.215	2059	2062	2064	rVV	56311	57297	3.44%	0.196%
76	14.251	2064	2068	2070	rVV2	77674	96466	5.80%	0.330%
77	14.345	2080	2084	2087	rBV3	29336	51642	3.10%	0.176%
78	14.410	2091	2095	2097	rVV	148625	148381	8.92%	0.507%
79	14.445	2097	2101	2104	rVV2	70654	81610	4.91%	0.279%
80	14.486	2104	2108	2109	rVV3	41639	55615	3.34%	0.190%
81	14.504	2109	2111	2114	rVV	65202	71334	4.29%	0.244%
82	14.533	2114	2116	2118	rVV	82012	72726	4.37%	0.249%
83	14.557	2118	2120	2124	rVV2	68212	66253	3.98%	0.226%
84	14.604	2124	2128	2134	rVB3	50625	77506	4.66%	0.265%
85	14.680	2134	2141	2144	rBV	468914	502313	30.20%	1.717%
86	14.721	2145	2148	2150	rVV2	58503	60044	3.61%	0.205%
87	14.762	2150	2155	2157	rVB5	33614	55911	3.36%	0.191%
88	14.910	2175	2180	2183	rBV3	43933	54803	3.29%	0.187%
89	15.068	2201	2207	2210	rBV	438220	716468	43.07%	2.448%
90	15.174	2222	2225	2228	rVB	113119	106281	6.39%	0.363%
91	15.268	2236	2241	2242	rBV5	34784	51801	3.11%	0.177%
92	15.374	2254	2259	2265	rVB	248152	352122	21.17%	1.203%
93	15.433	2265	2269	2275	rVB	402917	508466	30.57%	1.738%
94	15.498	2275	2280	2283	rBV	374879	484955	29.16%	1.657%
95	15.527	2283	2285	2292	rVB2	124047	165941	9.98%	0.567%
96	16.968	2524	2530	2539	rVB2	142694	288432	17.34%	0.986%
97	17.145	2553	2560	2566	rBV	42061	93680	5.63%	0.320%
98	17.203	2566	2570	2574	rBV3	27168	45431	2.73%	0.155%
99	17.421	2600	2607	2622	rVB2	89677	211472	12.71%	0.723%
100	17.656	2641	2647	2652	rBV	31765	63218	3.80%	0.216%

Sum of corrected areas: 29263365

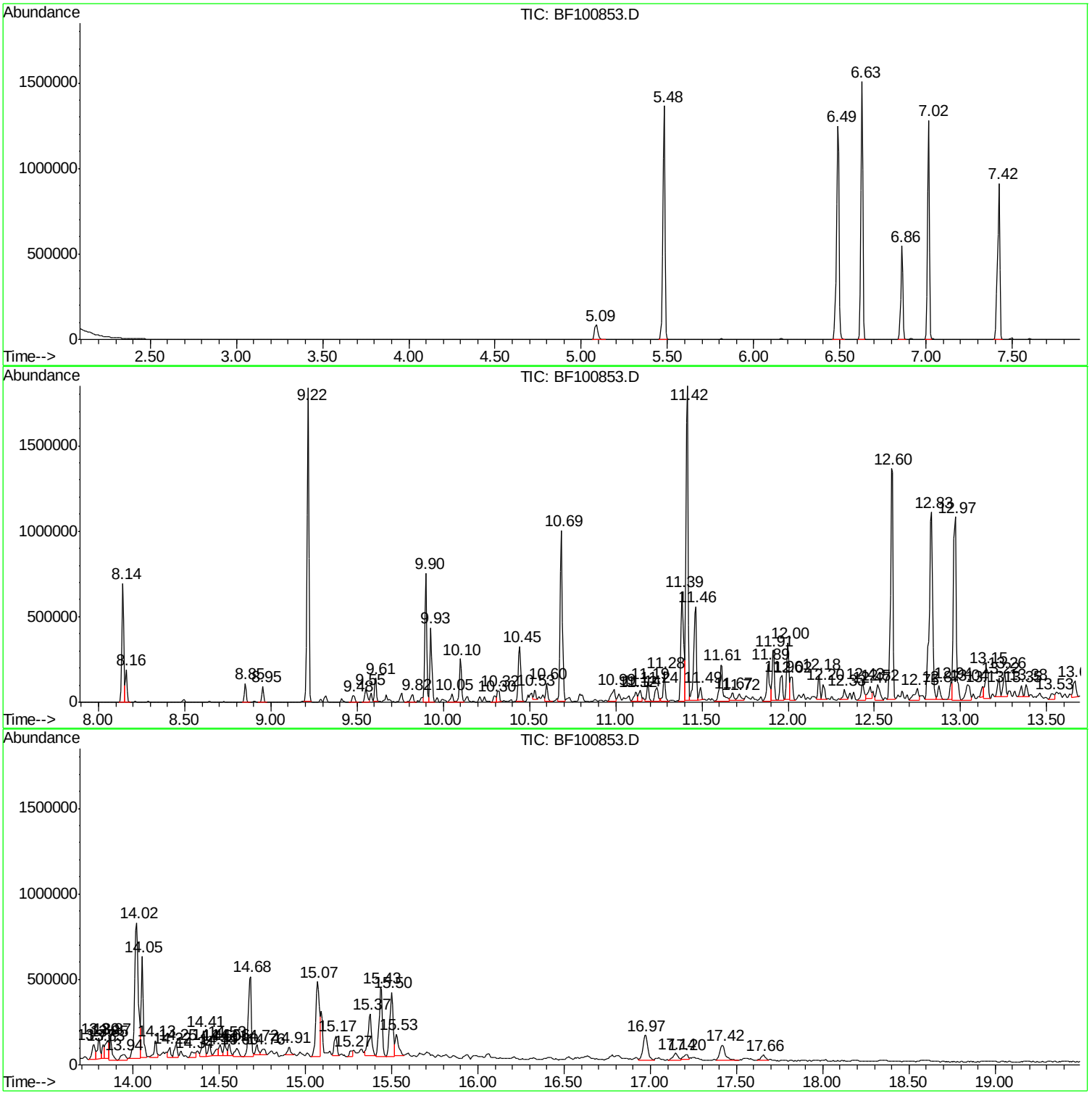
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100853.D
Acq On : 23 Nov 2017 4:47
Operator : SJ/JU
Sample : I6548-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(7-8)

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 : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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

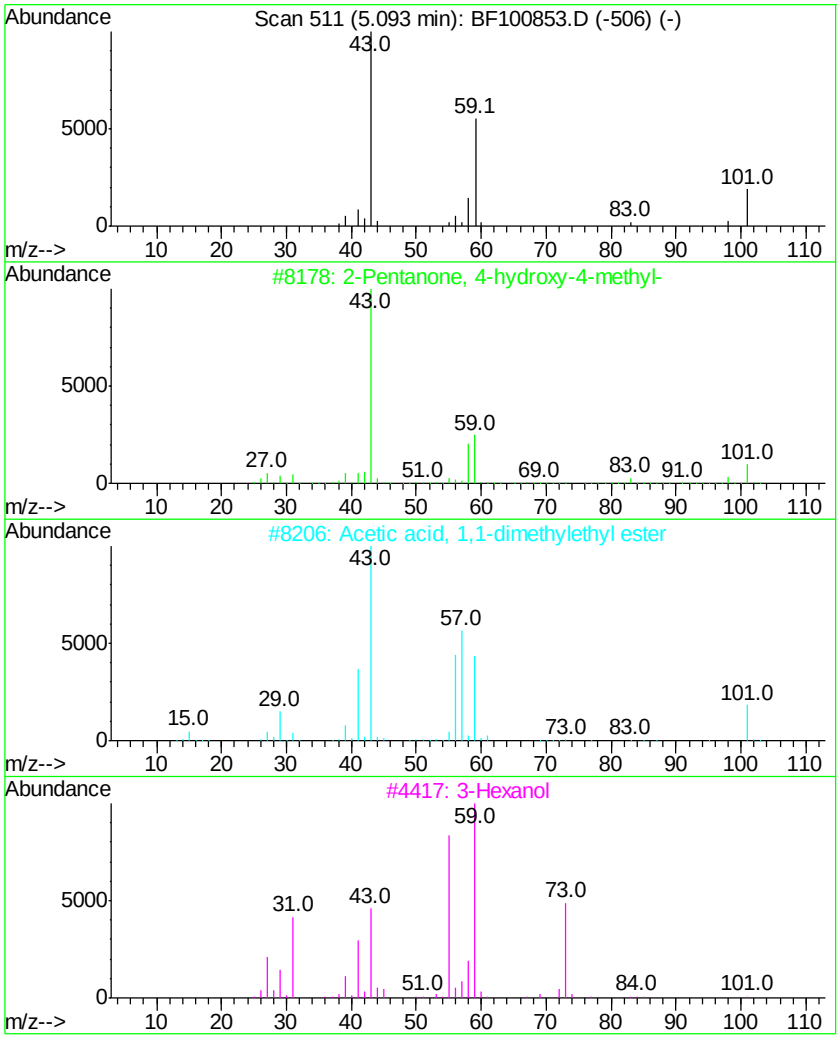
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

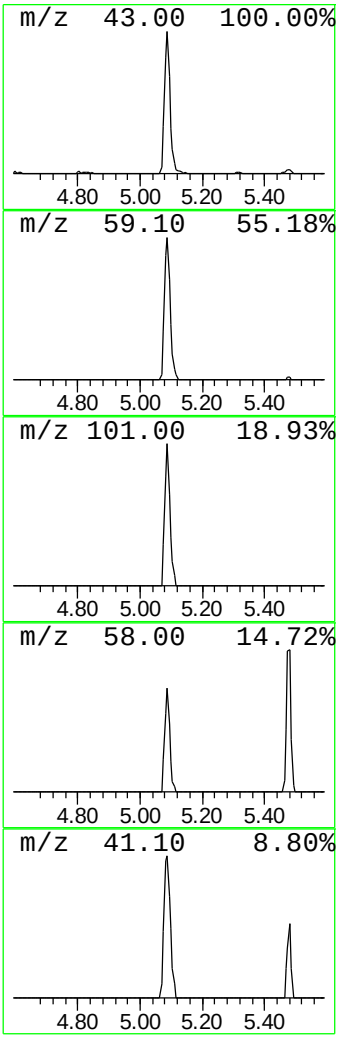
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.67 ng	103800	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Library Search Compound Report

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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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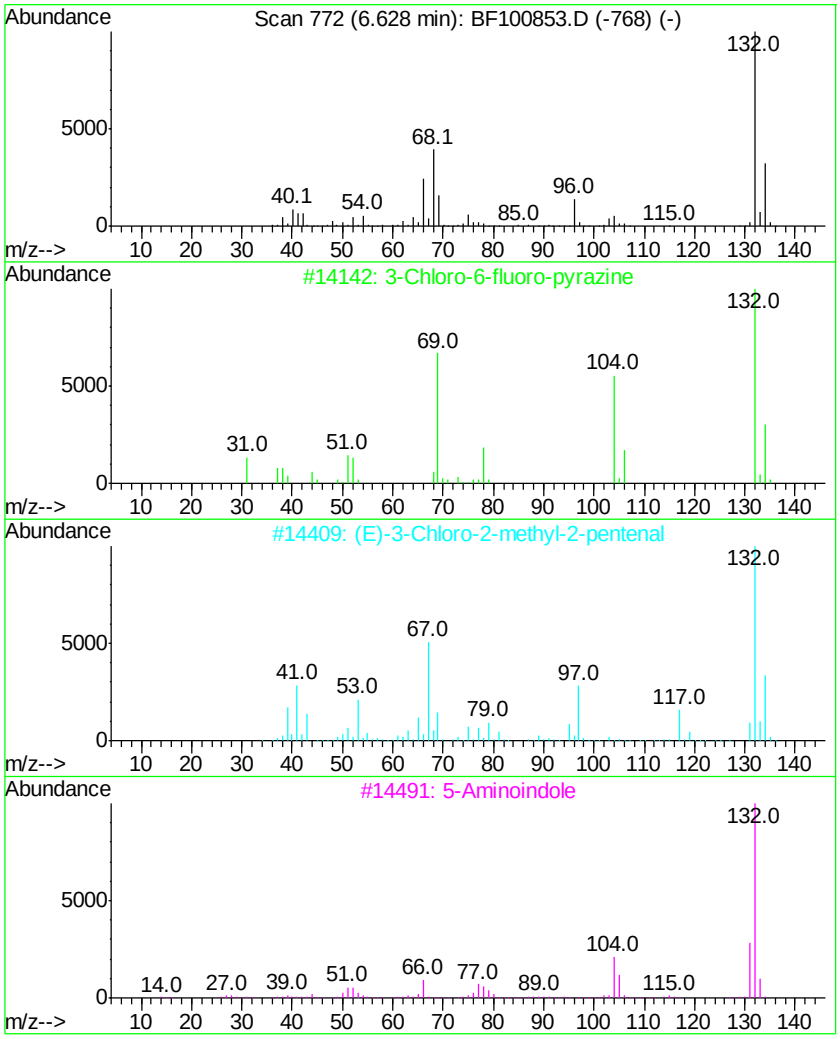
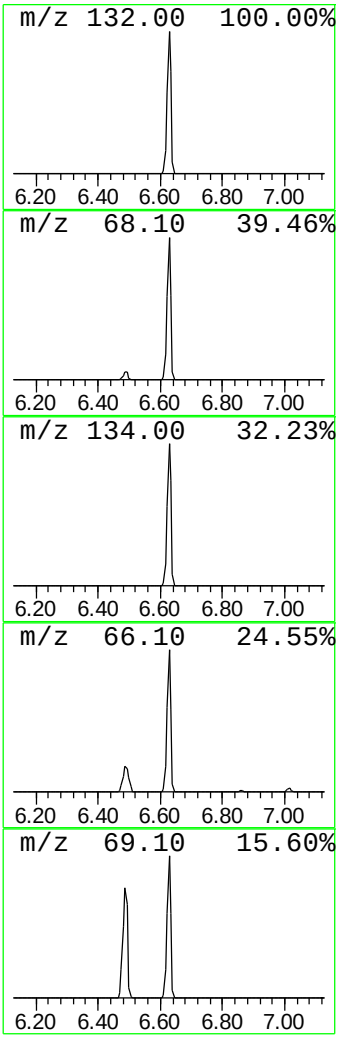
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	59.70 ng	1328260	1,4-Dichlorobenzene-d4	6.86

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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TIC Library : C:\DATABASE\NIST11.L
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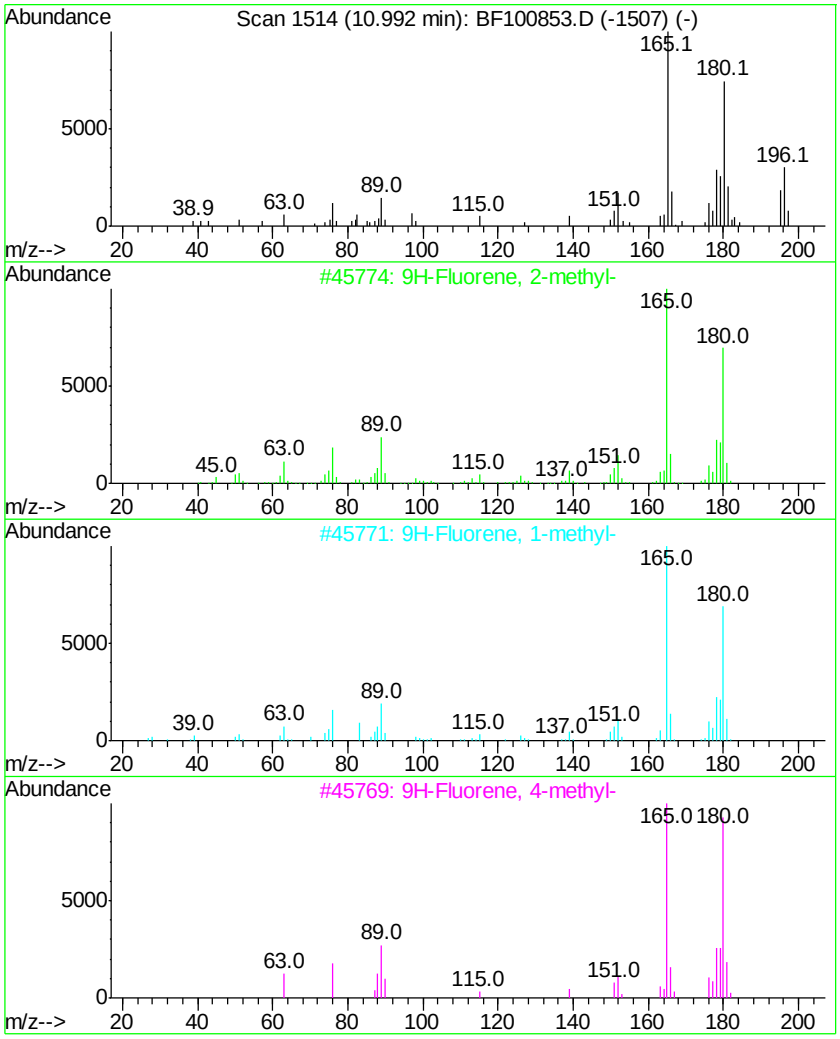
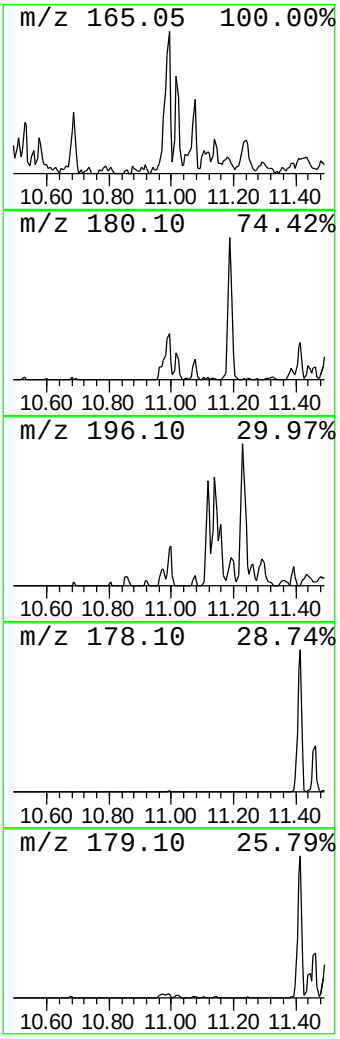
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.84 ng	120801	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62





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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

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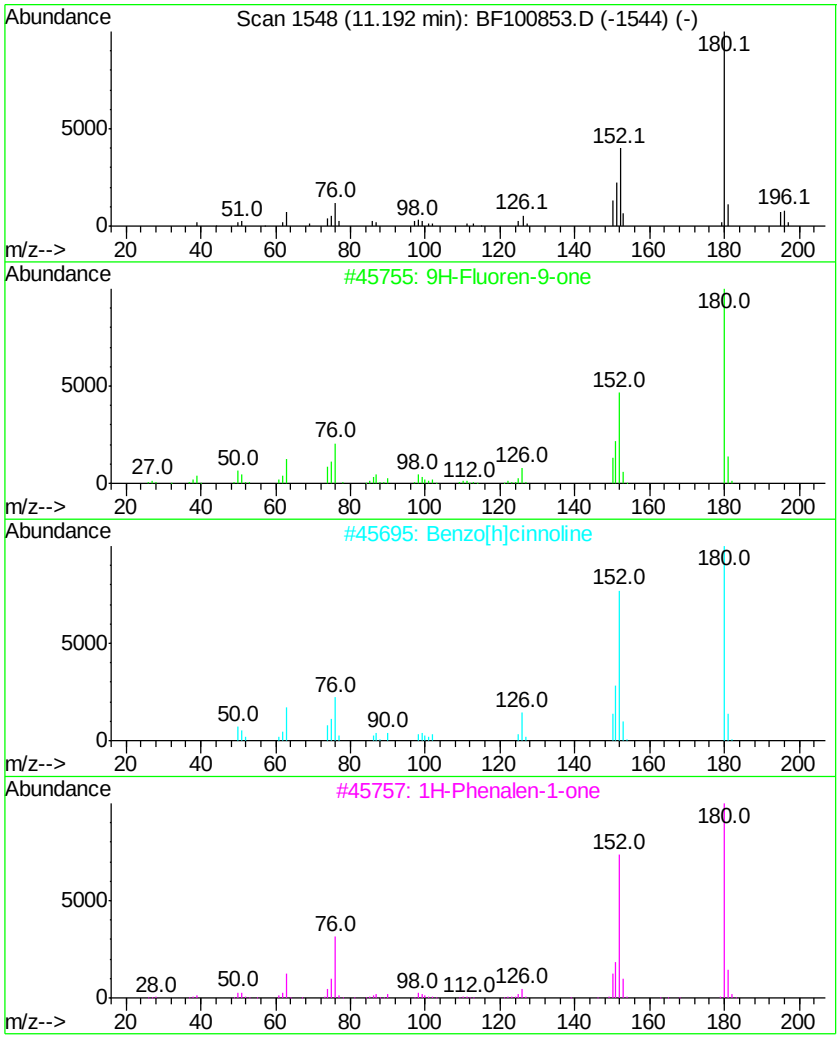
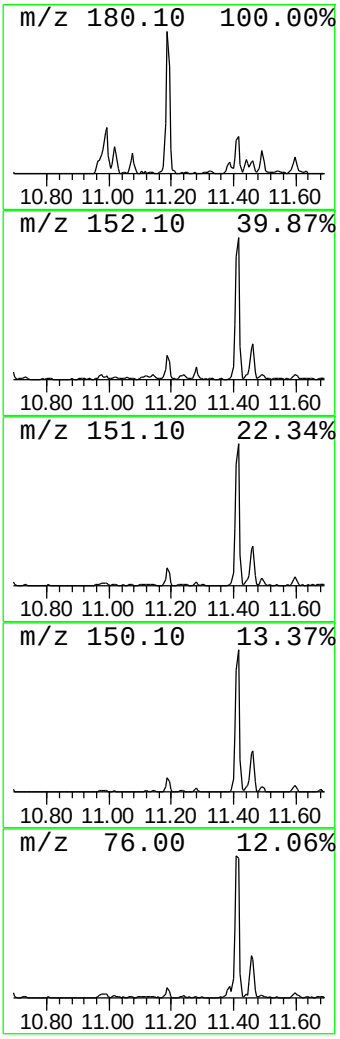
Peak Number 5 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.02 ng	94784	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	42
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	42





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Data File : BF100853.D
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Operator : SJ/JU
Sample : I6548-07
Misc :
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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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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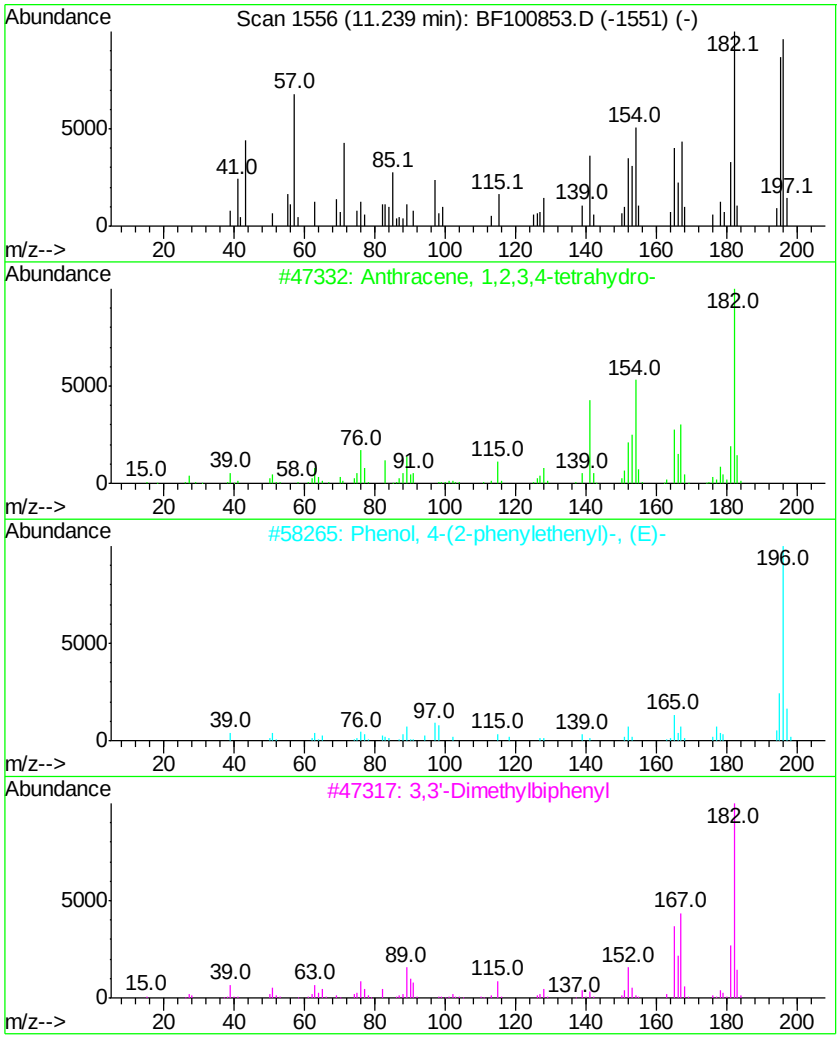
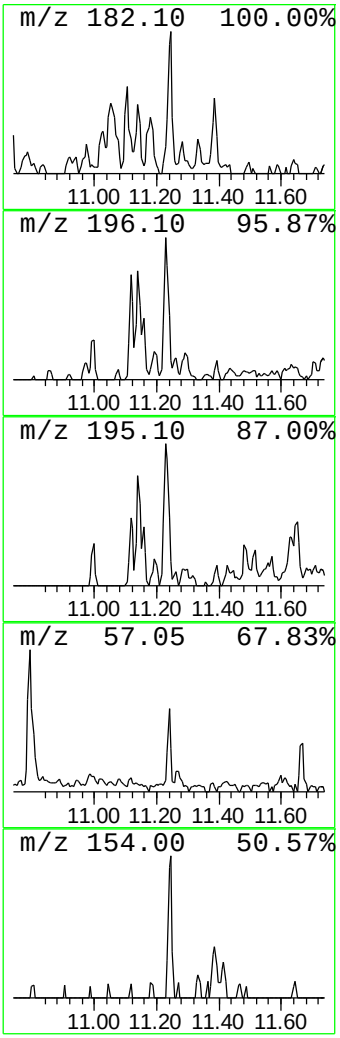
Peak Number 6 unknown11.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.75 ng	117999	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	42
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	38
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38





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Operator : SJ/JU
Sample : I6548-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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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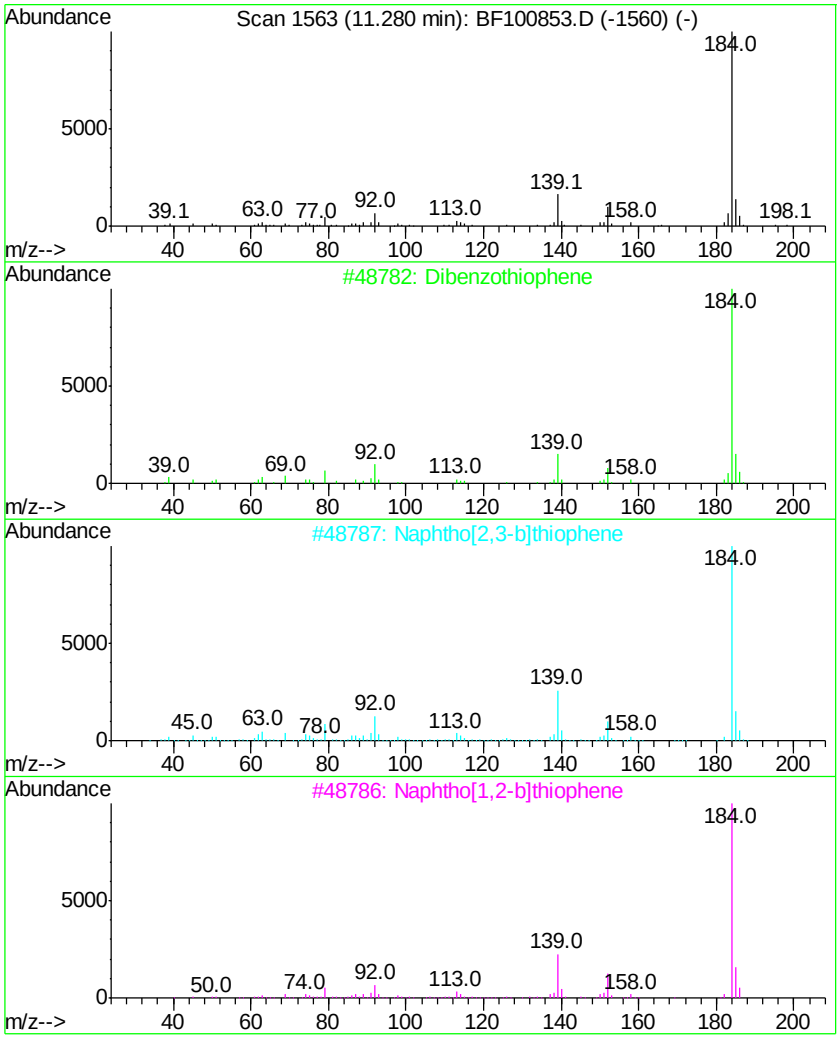
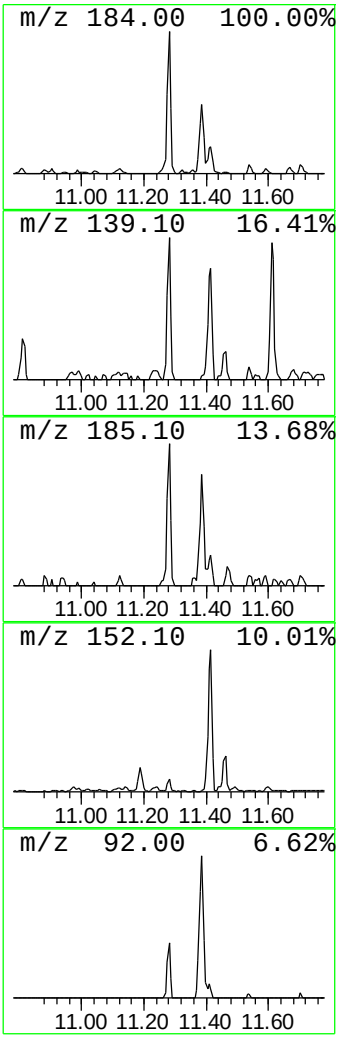
Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.55 ng	143047	Phenanthrene-d10	11.39

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





Library Search Compound Report

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ClientSampleId : SAU-2-E(7-8)

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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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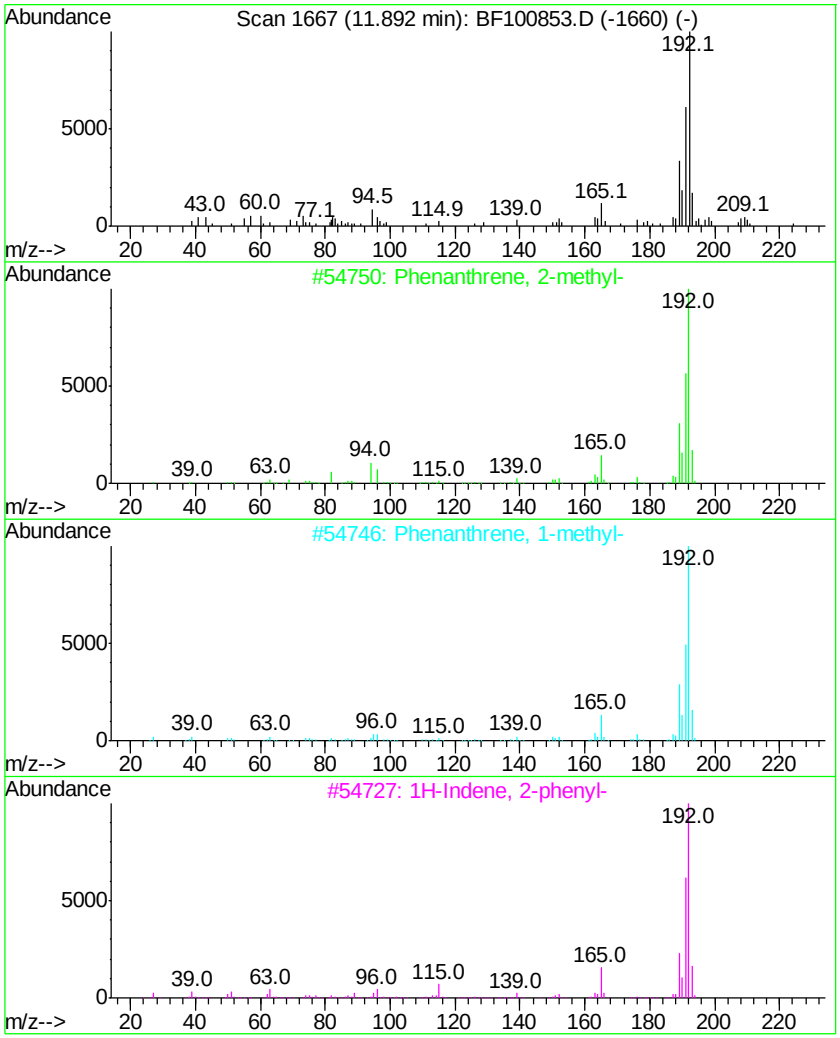
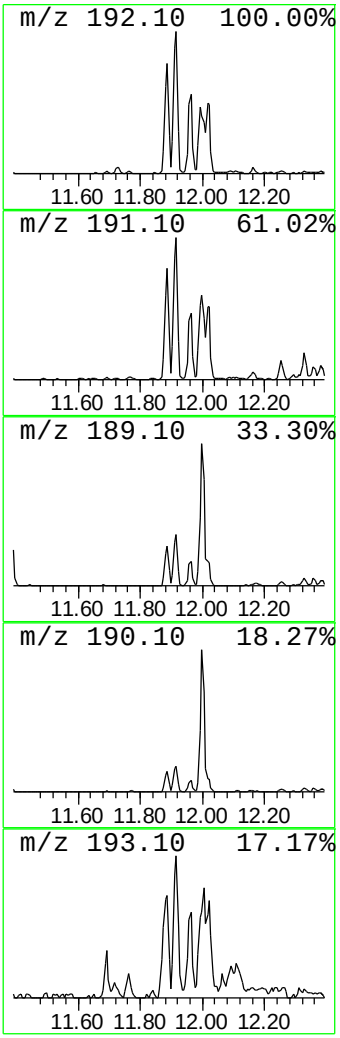
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.37 ng	231588	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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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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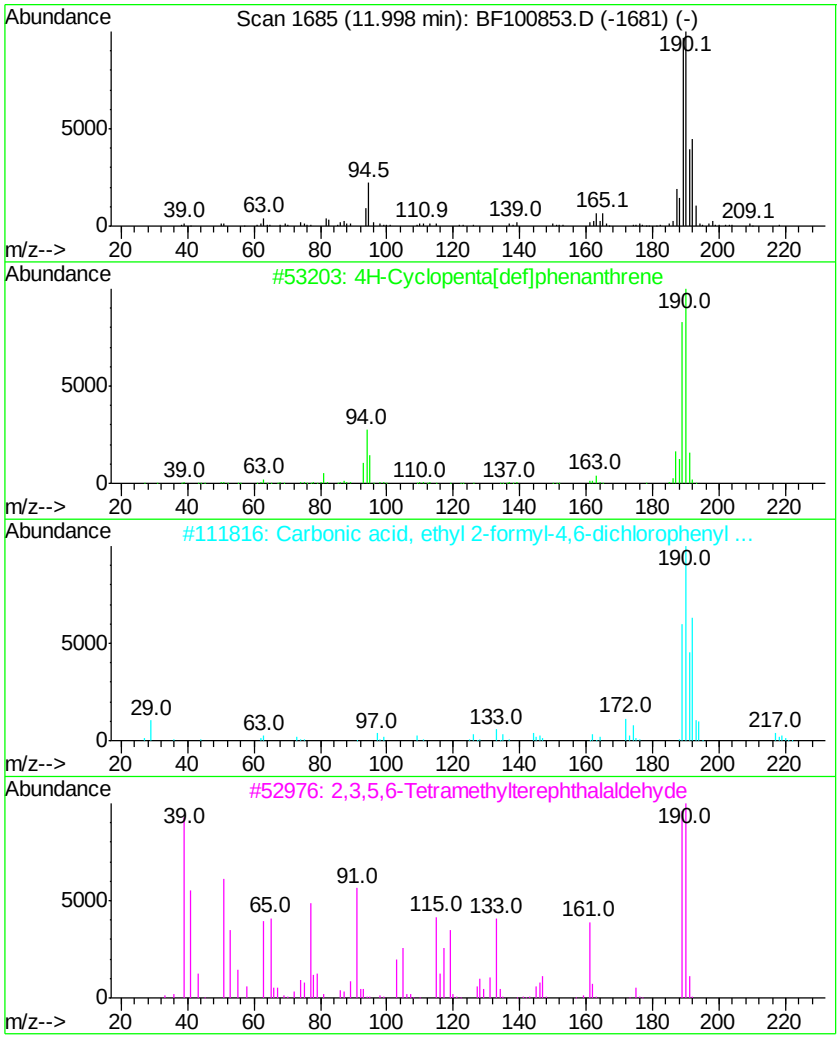
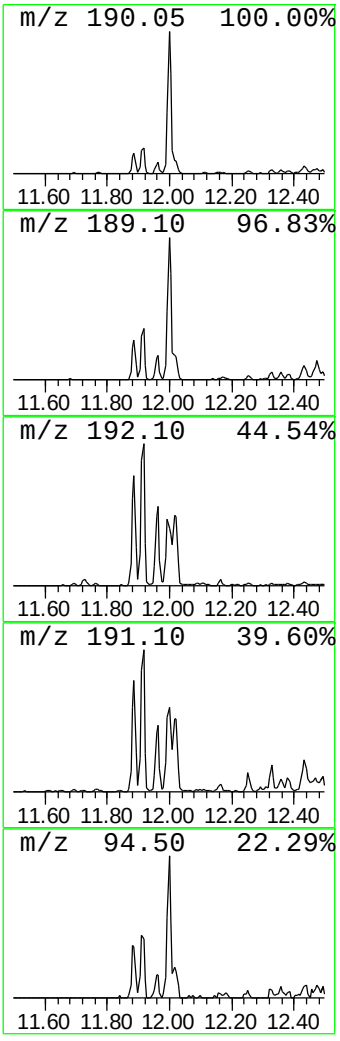
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	10.88 ng	341874	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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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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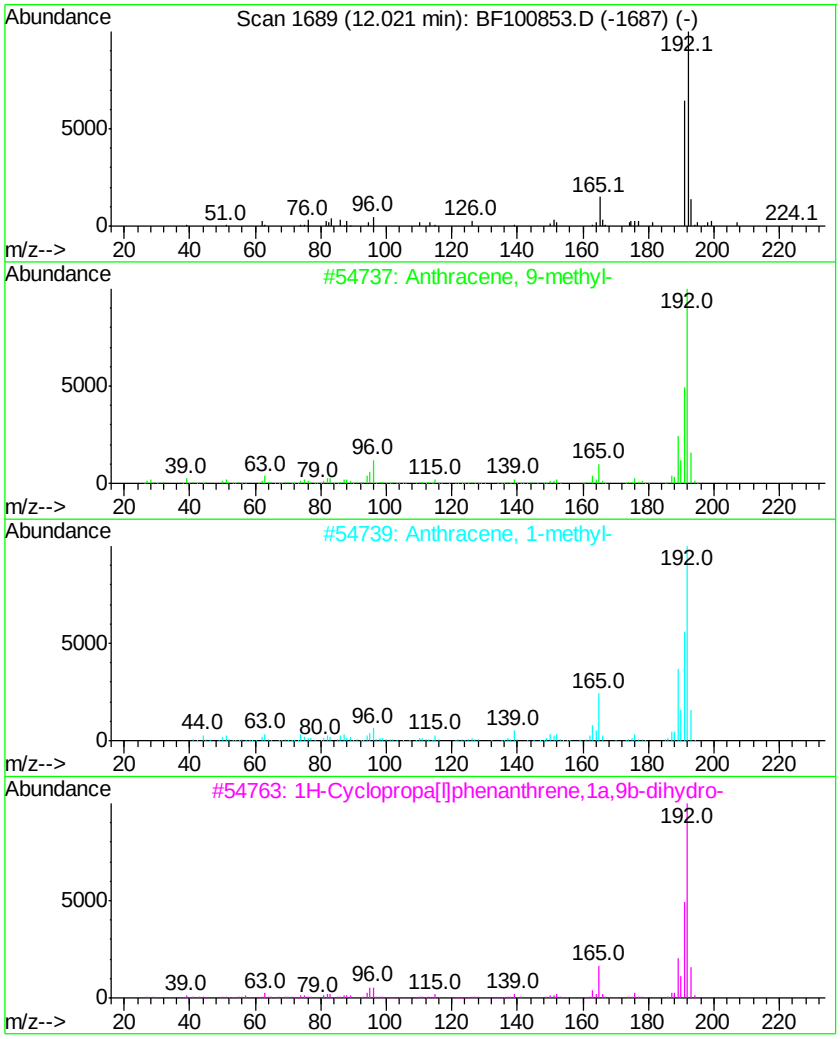
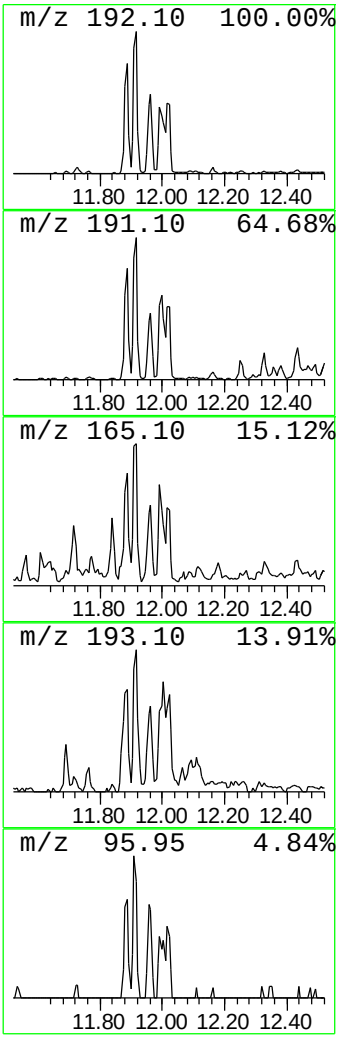
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.63 ng	114097	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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ALS Vial : 26 Sample Multiplier: 1

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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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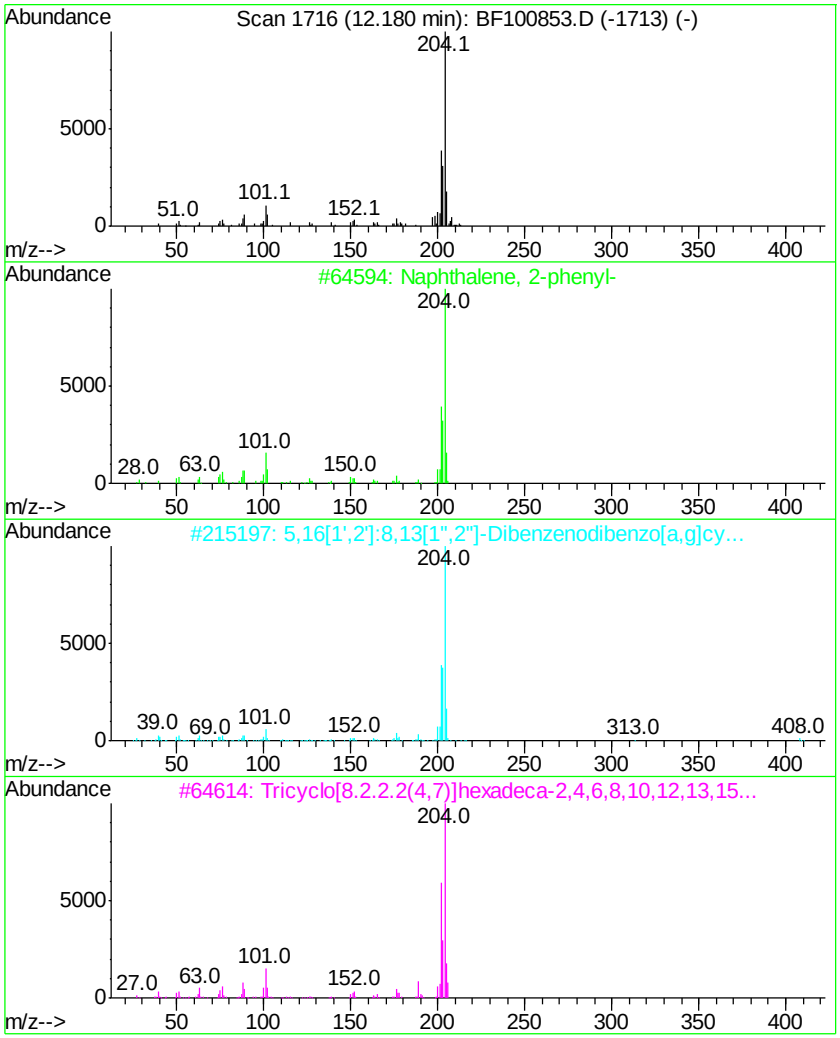
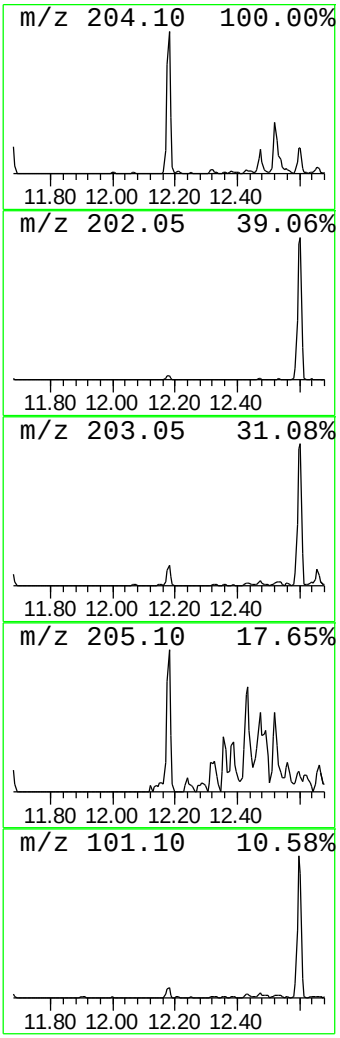
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	4.01 ng	126008	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
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	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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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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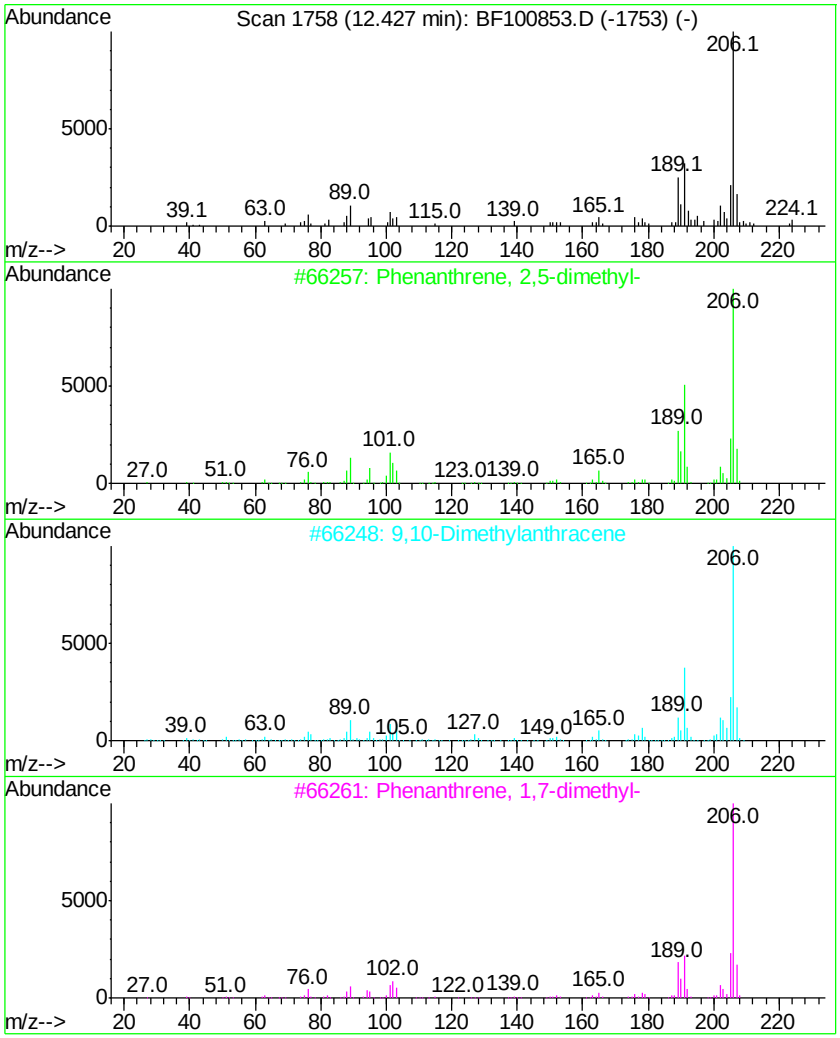
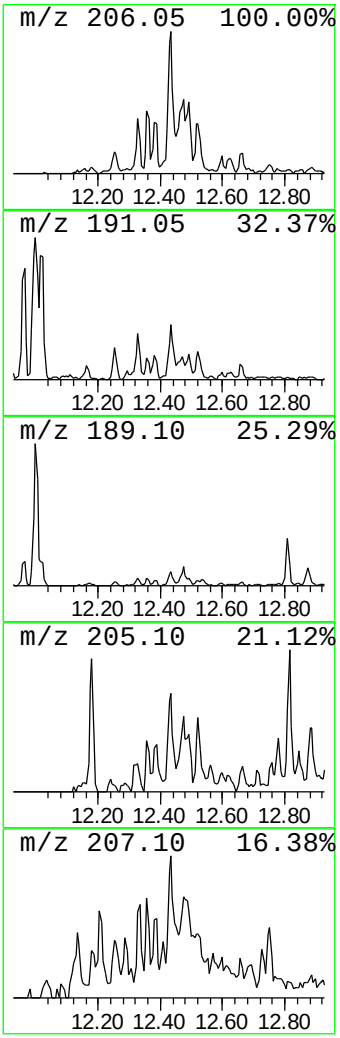
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.21 ng	132411	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Misc :
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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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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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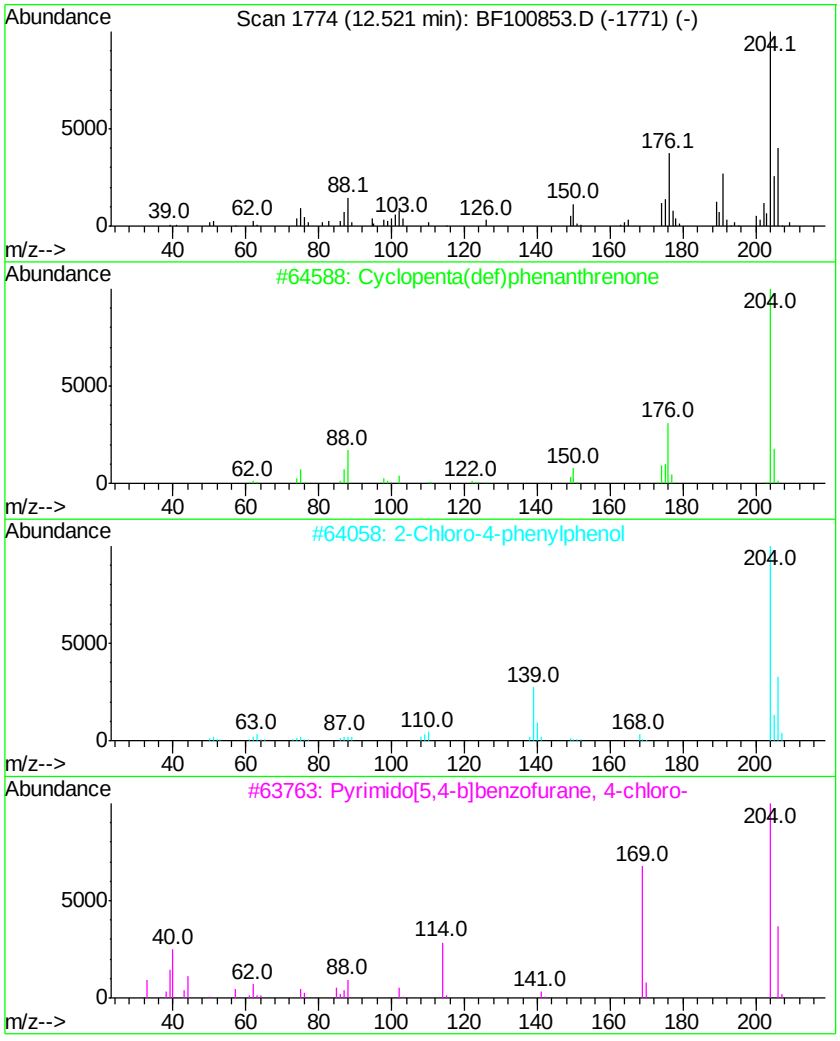
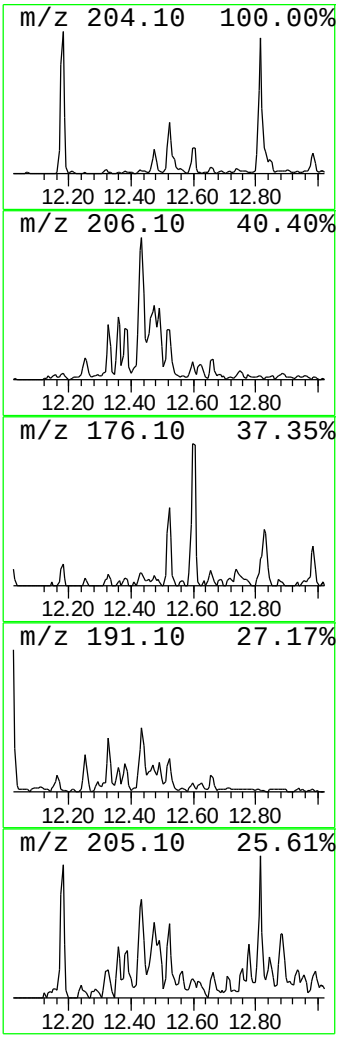
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.46 ng	108787	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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

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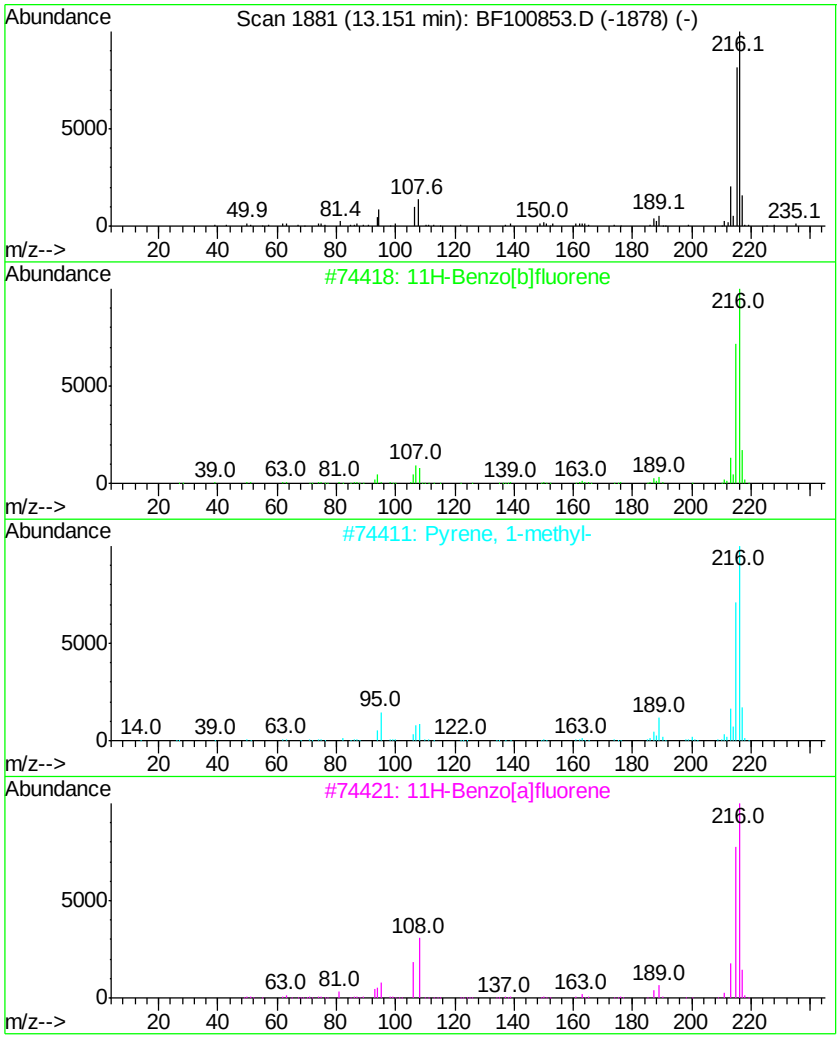
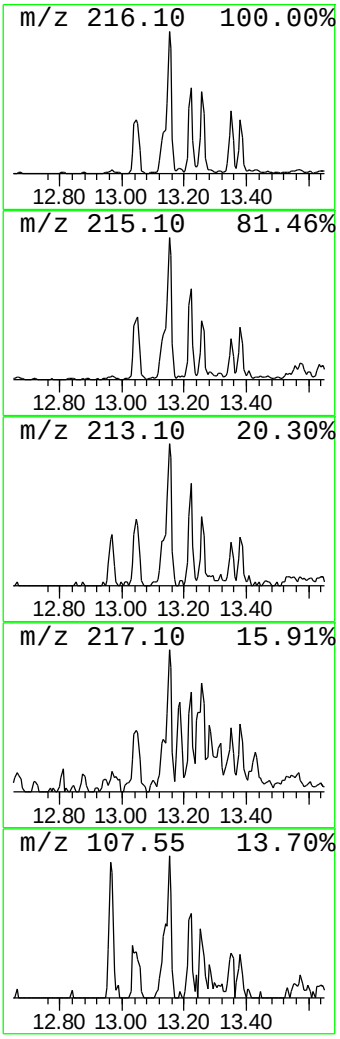
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.14 ng	189774	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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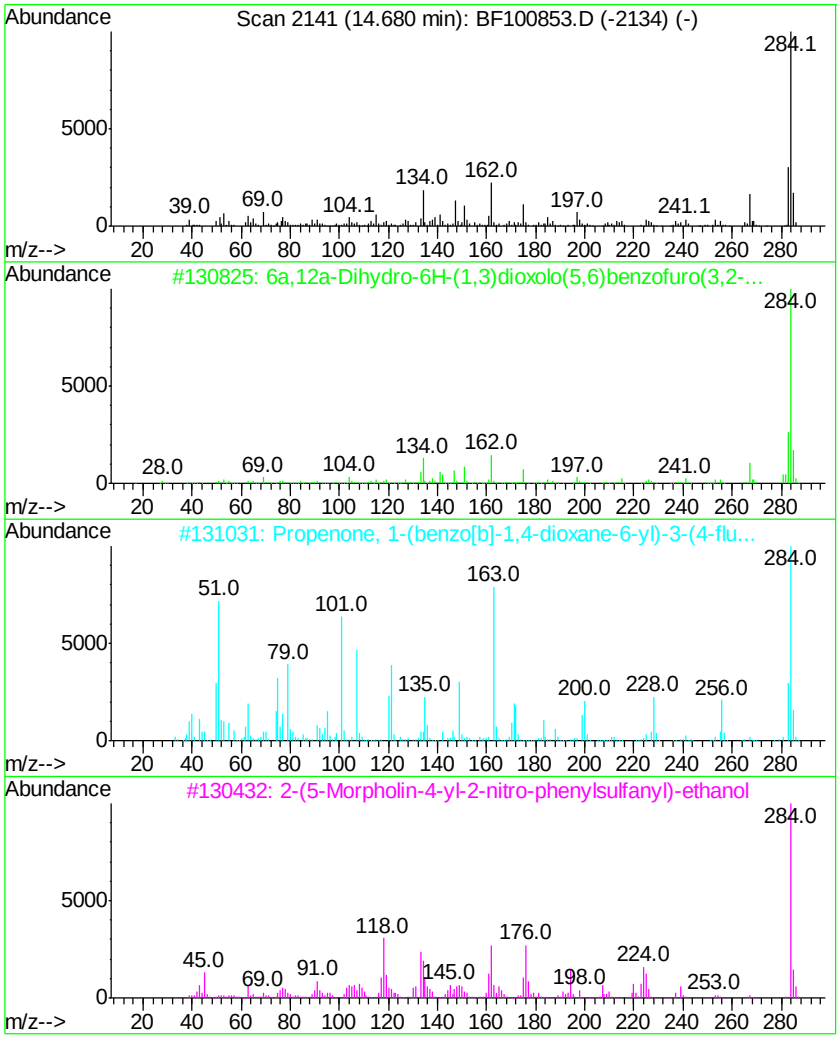
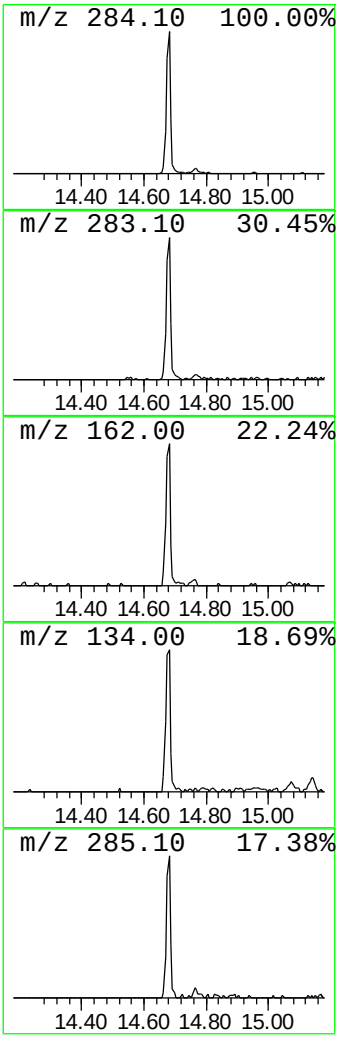
Peak Number 17 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	8.31 ng	502313	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	022091-18-5	94
2	Propenone, 1-(benzo[b]-1,4-dioxa...	284	C17H13FO3	133188-35-9	60
3	2-(5-Morpholin-4-yl-2-nitro-phen...	284	C12H16N2O4S	1000294-41-6	53
4	trans-4-Methoxy-4'-(methylthio)c...	284	C17H16O2S	126443-13-8	52
5	6H-Benzofuro[3,2-c][1]benzopyran...	284	C17H16O4	000606-91-7	49





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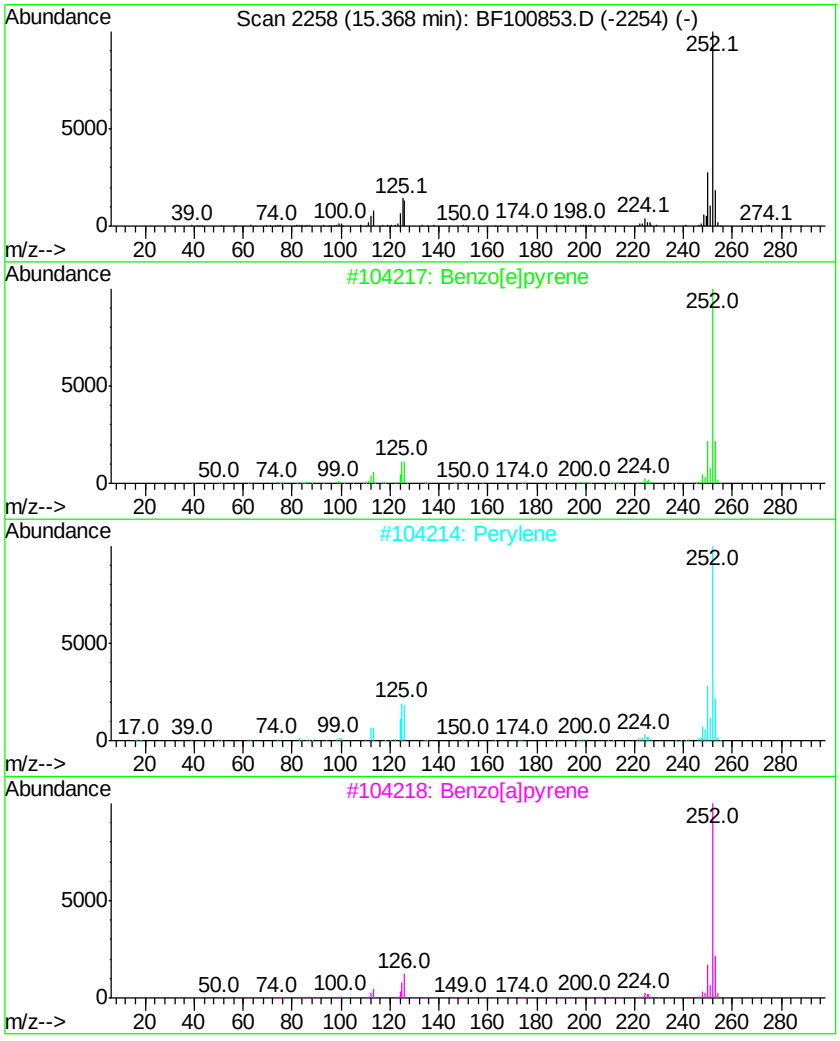
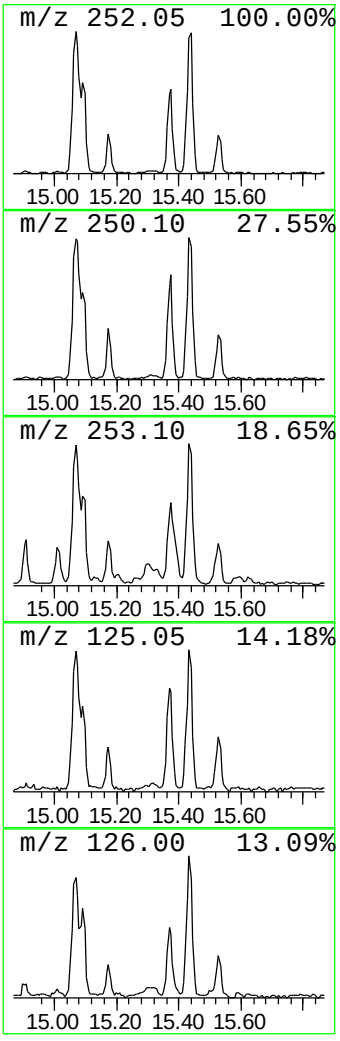
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	14.52 ng	352122	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





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TIC Integration Parameters: LSCINT.P

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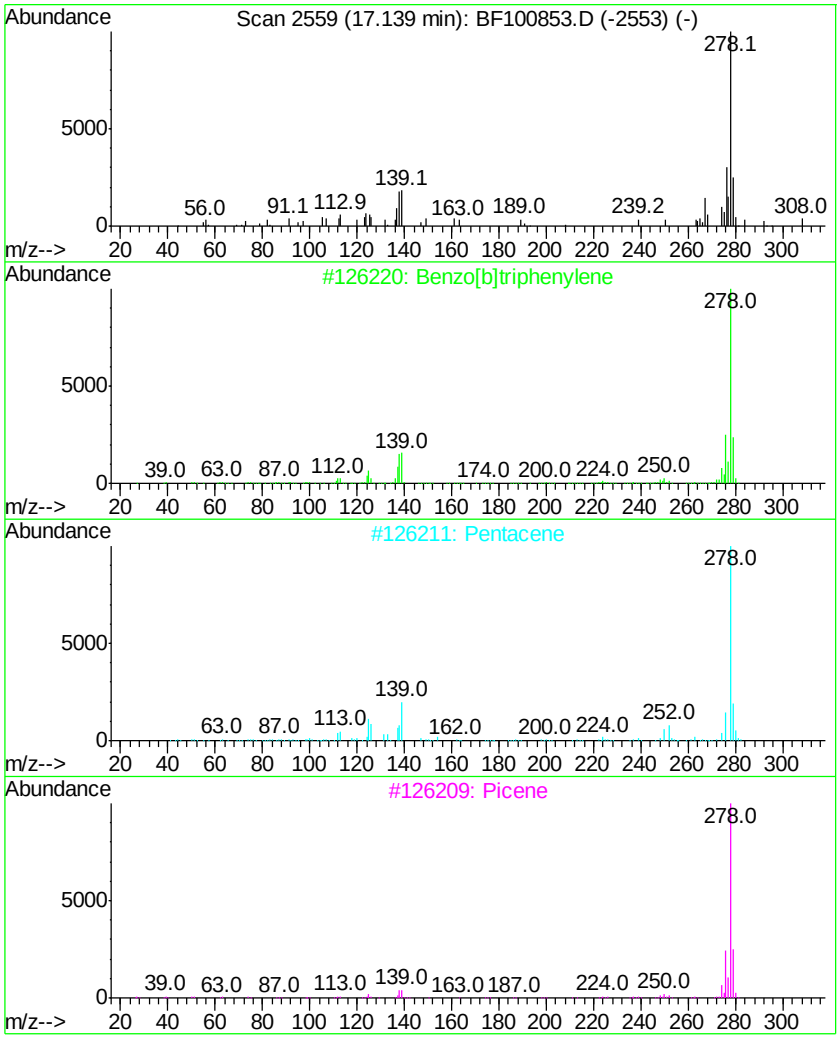
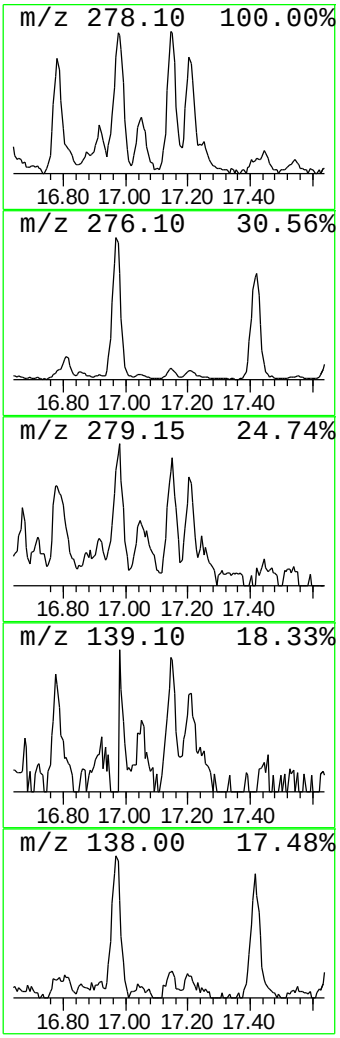
Peak Number 20 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.86 ng	93680	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Pentacene	278	C22H14	000135-48-8	83
3	Picene	278	C22H14	000213-46-7	70
4	Benzo[b]chrysene	278	C22H14	000214-17-5	70
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70





Tentatively Identified Compound (LSC) summary

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Data File : BF100853.D
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Operator : SJ/JU
Sample : I6548-07
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Instrument : BNA_F
ClientSampleId : SAU-2-E(7-8)

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...	5.09	4.7	ng	103800	1	6.86	445000	20.0
unknown6.63	6.63	59.7	ng	1328260	1	6.86	445000	20.0
9H-Fluorene, 2-me...	10.99	3.8	ng	120801	4	11.39	628660	20.0
9H-Fluoren-9-one	11.19	3.0	ng	94784	4	11.39	628660	20.0
unknown11.24	11.24	3.8	ng	117999	4	11.39	628660	20.0
Dibenzothiophene	11.28	4.5	ng	143047	4	11.39	628660	20.0
Phenanthrene, 2-m...	11.89	7.4	ng	231588	4	11.39	628660	20.0
4H-Cyclopenta[def...	12.00	10.9	ng	341874	4	11.39	628660	20.0
Anthracene, 9-met...	12.02	3.6	ng	114097	4	11.39	628660	20.0
Naphthalene, 2-ph...	12.18	4.0	ng	126008	4	11.39	628660	20.0
Phenanthrene, 2,5...	12.43	4.2	ng	132411	4	11.39	628660	20.0
Cyclopenta(def)ph...	12.52	3.5	ng	108787	4	11.39	628660	20.0
11H-Benzo[b]fluorene	13.15	3.1	ng	189774	5	14.03	1208220	20.0
6a,12a-Dihydro-6H...	14.68	8.3	ng	502313	5	14.03	1208220	20.0
Benzo[e]pyrene	15.37	14.5	ng	352122	6	15.50	484955	20.0
Benzo[b]triphenylene	17.14	3.9	ng	93680	6	15.50	484955	20.0