LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136303.D
Acq On : 30 Nov 2023 01:38
Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	506	rVB	17520	19515	1.36%	0.096%
2	5.434	565	569	573	rBV	1317192	1143307	79.92%	5.632%
3	6.434	735	739	742	rBV	1389807	1058624	74.00%	5.215%
4	6.640	770	774	779	rBV4	17131	21968	1.54%	0.108%
5	6.804	799	802	805	rBV	779093	576353	40.29%	2.839%
6	7.363	893	897	900	rBV	769849	640696	44.79%	3.156%
7	8.081	1014	1019	1022	rBV	858603	701384	49.03%	3.455%
8	8.104	1022	1023	1026	rVB	73314	33560	2.35%	0.165%
9	8.792	1137	1140	1144	rVB	50502	38761	2.71%	0.191%
10	8.892	1154	1157	1161	rBV	36709	31274	2.19%	0.154%
11	9.157	1198	1202	1205	rBV	1621810	1208448	84.47%	5.953%
12	9.428	1242	1248	1252	rBV3	22474	33047	2.31%	0.163%
13	9.498	1257	1260	1262	rBV	28314	27363	1.91%	0.135%
14	9.616	1277	1280	1284	rVB3	16243	19700	1.38%	0.097%
15	9.698	1290	1294	1299	rBV	114802	93405	6.53%	0.460%
16	9.839	1314	1318	1321	rVV	812027	644480	45.05%	3.175%
17	9.869	1321	1323	1328	rVB2	22235	22663	1.58%	0.112%
18	10.045	1349	1353	1356	rBV	77552	70756	4.95%	0.349%
19	10.386	1408	1411	1420	rVB	149591	121554	8.50%	0.599%
20	10.545	1435	1438	1442	rBV	40455	33402	2.33%	0.165%
21	10.628	1448	1452	1457	rBV	804805	674148	47.12%	3.321%
22	10.763	1471	1475	1481	rVB2	33534	52155	3.65%	0.257%
23	10.939	1500	1505	1507	rBV2	27171	32311	2.26%	0.159%
24	11.069	1522	1527	1529	rBV3	17105	19348	1.35%	0.095%
25	11.133	1535	1538	1542	rVB	48527	43405	3.03%	0.214%
26	11.180	1542	1546	1548	rBV2	18317	24306	1.70%	0.120%
27	11.228	1551	1554	1559	rVB2	87416	90454	6.32%	0.446%
28	11.328	1568	1571	1573	rBV	754661	682102	47.68%	3.360%
29	11.357	1573	1576	1579	rVV	1076471	908834	63.53%	4.477%
30	11.404	1579	1584	1588	rVV	524560	427019	29.85%	2.103%
31	11.439	1588	1590	1593	rVB	26930	26323	1.84%	0.130%
32	11.492	1596	1599	1604	rVB4	16444	26612	1.86%	0.131%
33	11.563	1604	1611	1613	rBV	82068	75452	5.27%	0.372%
34	11.633	1620	1623	1626	rBV	43958	40239	2.81%	0.198%
35	11.663	1626	1628	1632	rVV2	28379	27644	1.93%	0.136%
36	11.745	1639	1642	1646	rVB2	19212	21316	1.49%	0.105%

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.833	1654	1657	1659	rBV	103265	84147	5.88%	0.414%
38	11.863	1659	1662	1667	rVV	201249	172795	12.08%	0.851%
39	11.910	1667	1670	1672	rVV	58058	50810	3.55%	0.250%
40	11.945	1672	1676	1679	rVV	206308	217163	15.18%	1.070%
41	11.969	1679	1680	1685	rVB	80054	49739	3.48%	0.245%
42	12.039	1690	1692	1695	rBV	29477	24230	1.69%	0.119%
43	12.133	1705	1708	1710	rBV	88743	75159	5.25%	0.370%
44	12.157	1710	1712	1716	rVB2	62540	52390	3.66%	0.258%
45	12.280	1728	1733	1736	rBV4	17643	30708	2.15%	0.151%
46	12.310	1736	1738	1740	rVV	23721	23838	1.67%	0.117%
47	12.333	1740	1742	1745	rVB3	27113	24873	1.74%	0.123%
48	12.386	1745	1751	1754	rBV	62942	75838	5.30%	0.374%
49	12.427	1754	1758	1763	rVV4	40895	74734	5.22%	0.368%
50	12.469	1763	1765	1770	rVV2	73093	76291	5.33%	0.376%
51	12.551	1775	1779	1782	rBV	1663855	1309577	91.54%	6.451%
52	12.598	1782	1787	1792	rVV6	21035	41342	2.89%	0.204%
53	12.645	1792	1795	1798	rVV	199824	175719	12.28%	0.866%
54	12.698	1802	1804	1810	rVV2	74971	93427	6.53%	0.460%
55	12.780	1810	1818	1821	rVV	1429653	1276409	89.22%	6.287%
56	12.827	1824	1826	1831	rVB2	47867	55387	3.87%	0.273%
57	12.898	1835	1838	1840	rBV	70941	70822	4.95%	0.349%
58	12.927	1840	1843	1847	rVV	1743044	1430567	100.00%	7.047%
59	12.998	1850	1855	1859	rBV3	70006	106900	7.47%	0.527%
60	13.086	1867	1870	1871	rBV2	64004	57921	4.05%	0.285%
61	13.110	1871	1874	1877	rVB	150631	138375	9.67%	0.682%
62	13.174	1881	1885	1888	rVB2	104117	91249	6.38%	0.449%
63	13.210	1888	1891	1895	rBV	98354	109898	7.68%	0.541%
64	13.304	1904	1907	1910	rVB	52980	46659	3.26%	0.230%
65	13.333	1910	1912	1916	rBV	54972	57845	4.04%	0.285%
66	13.516	1940	1943	1945	rVB2	30062	25767	1.80%	0.127%
67	13.616	1957	1960	1965	rVB	93132	89597	6.26%	0.441%
68	13.727	1975	1979	1982	rBV3	108892	127354	8.90%	0.627%
69	13.763	1982	1985	1986	rVV	84663	77227	5.40%	0.380%
70	13.780	1986	1988	1993	rVV2	130539	147451	10.31%	0.726%
71	13.827	1993	1996	2001	rVB3	98456	114221	7.98%	0.563%
72	13.898	2006	2008	2015	rVB2	29129	35117	2.45%	0.173%
73	13.980	2018	2022	2025	rBV2	987619	1303939	91.15%	6.423%
74	14.010	2025	2027	2030	rVB	466474	336535	23.52%	1.658%
75	14.127	2044	2047	2049	rBV	93581	79043	5.53%	0.389%
76	14.245	2064	2067	2069	rBV3	28959	28602	2.00%	0.141%

LSC Area Percent Report

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Misc :
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P-2(200FT)(5-10)

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.374	2087	2089	2092	rVB	65970	52882	3.70%	0.260%
78	14.404	2092	2094	2098	rVB	39579	38300	2.68%	0.189%
79	14.468	2102	2105	2108	rBV2	66749	61984	4.33%	0.305%
80	15.033	2197	2201	2204	rBV	316469	483033	33.77%	2.379%
81	15.139	2216	2219	2223	rVB2	77383	98074	6.86%	0.483%
82	15.339	2249	2253	2259	rVB	173982	204840	14.32%	1.009%
83	15.404	2260	2264	2270	rVB	274083	333203	23.29%	1.641%
84	15.468	2271	2275	2278	rBV	352524	419355	29.31%	2.066%
85	15.498	2278	2280	2283	rVB	45901	44508	3.11%	0.219%
86	16.968	2526	2530	2541	rVB2	107662	222071	15.52%	1.094%
87	17.421	2604	2607	2618	rVB2	86548	171356	11.98%	0.844%

Sum of corrected areas: 20301199

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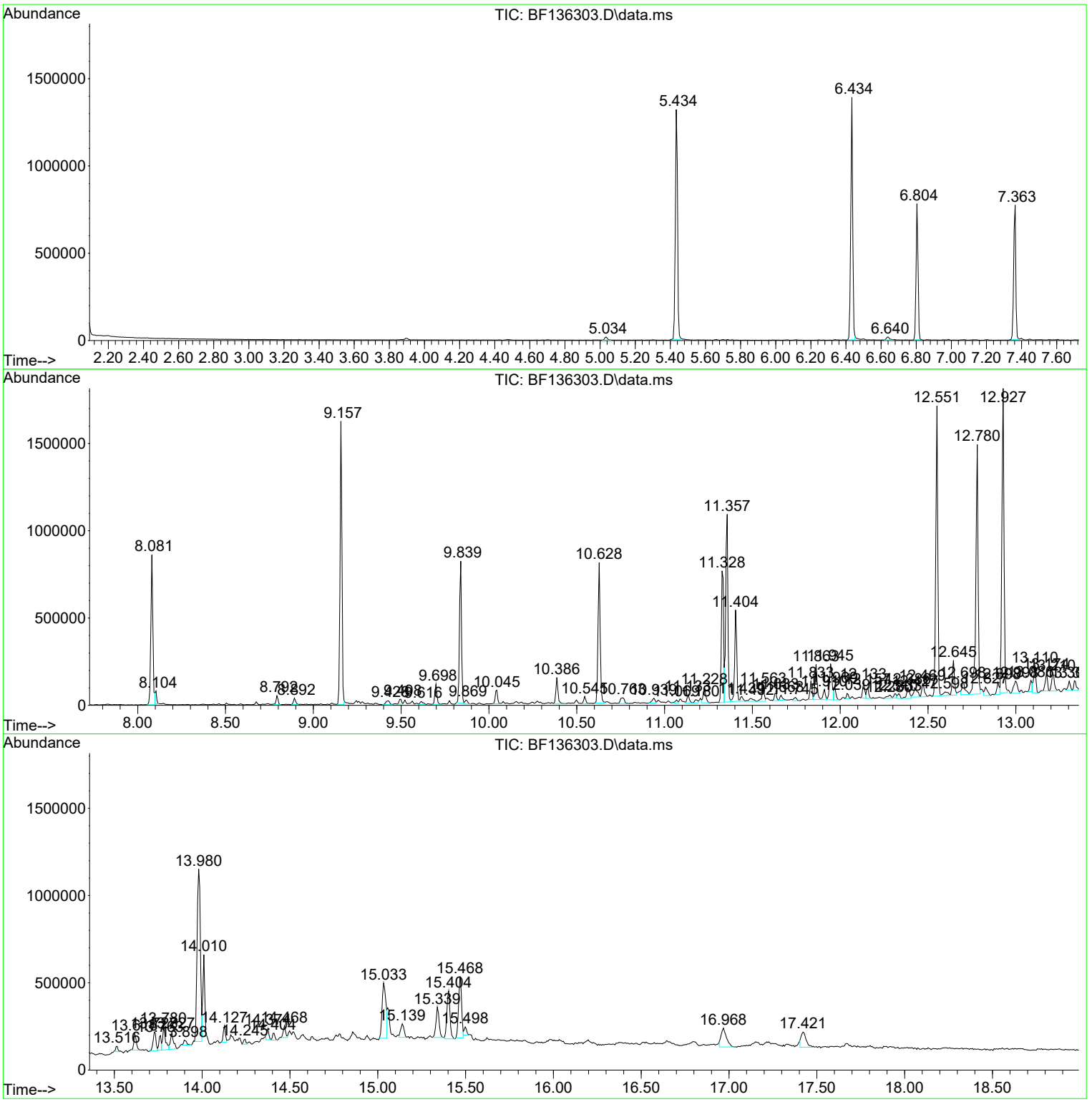
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
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Operator : CG\JU
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Misc :
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Instrument :
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P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

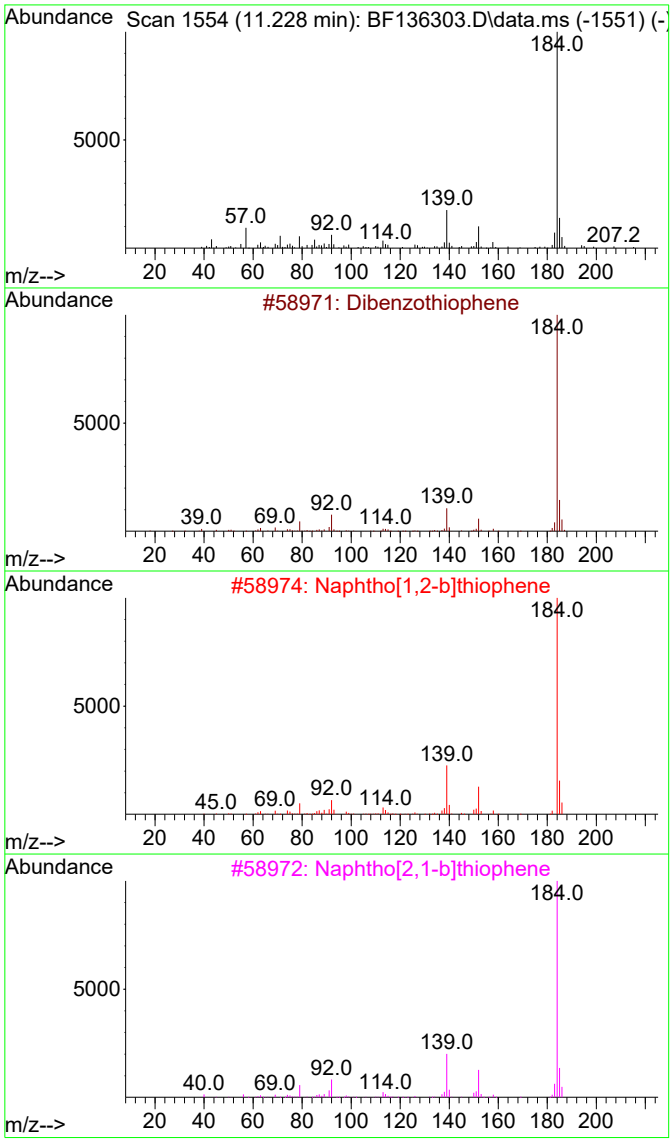
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

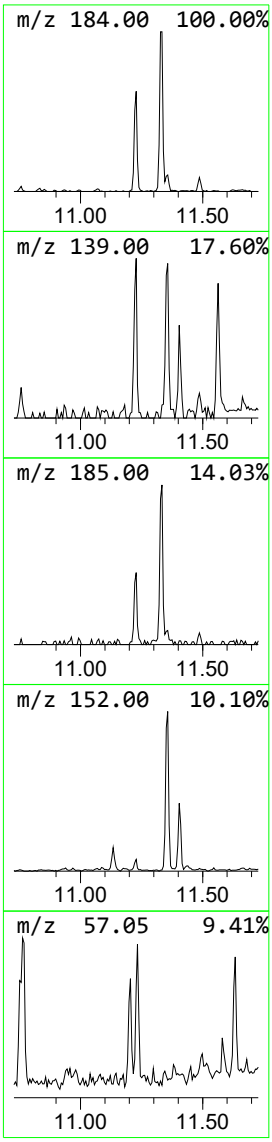
****

Peak Number 2 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.65 ng	90454	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136303.D
Acq On : 30 Nov 2023 01:38
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Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

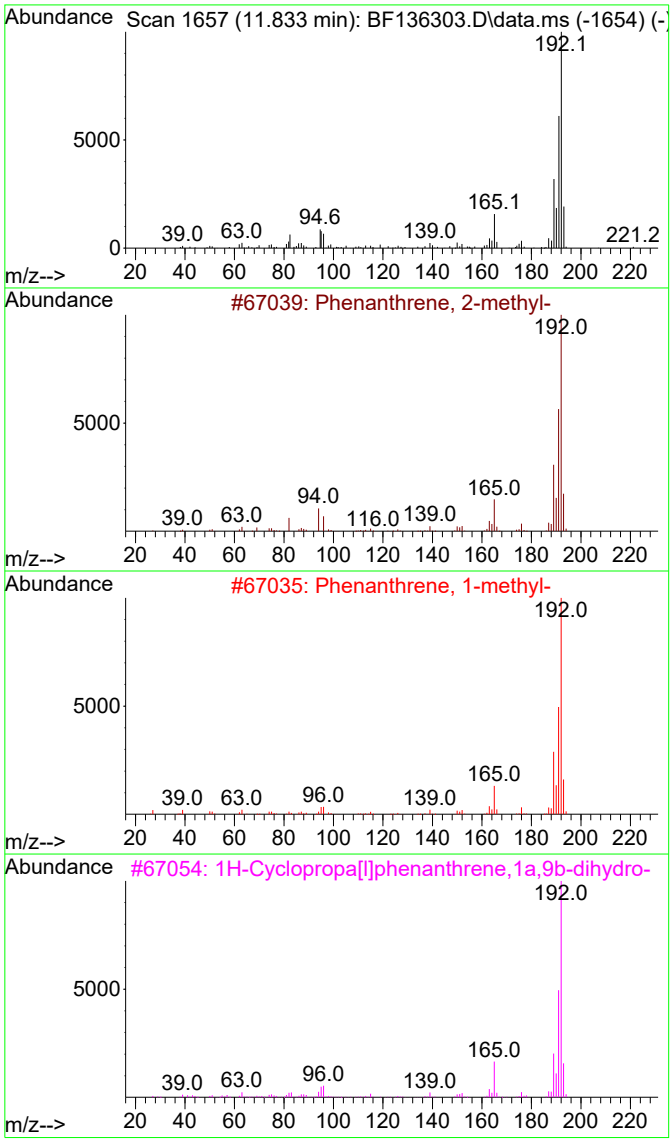
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

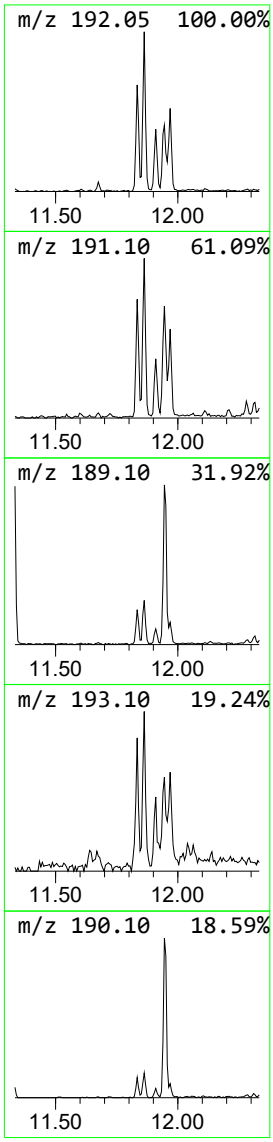
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	2.47 ng	84147	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

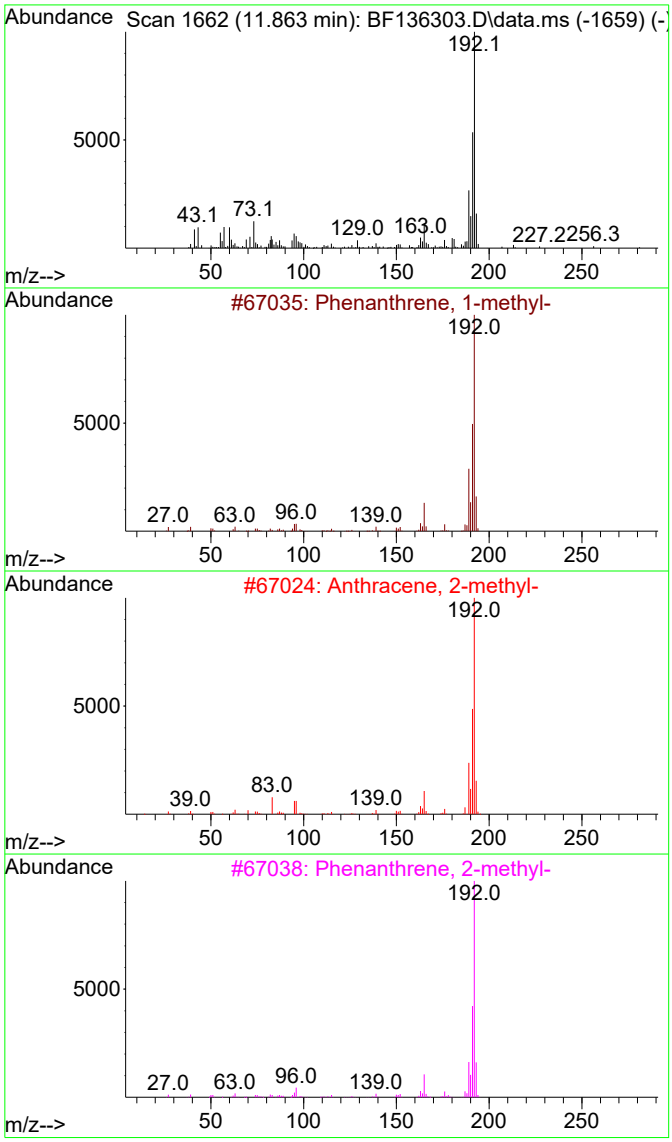
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

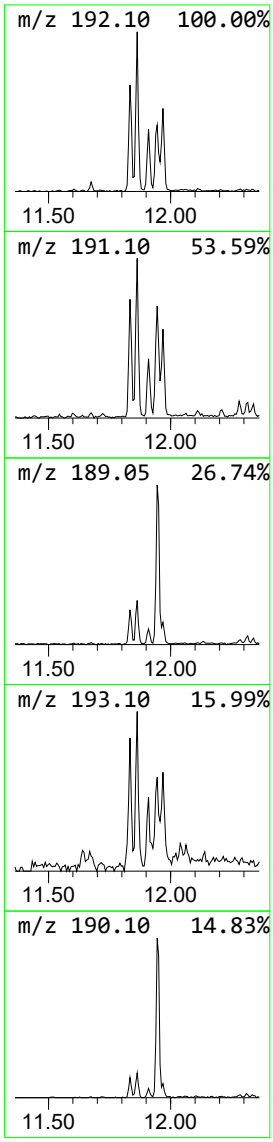
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	5.07 ng	172795	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Misc :
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Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

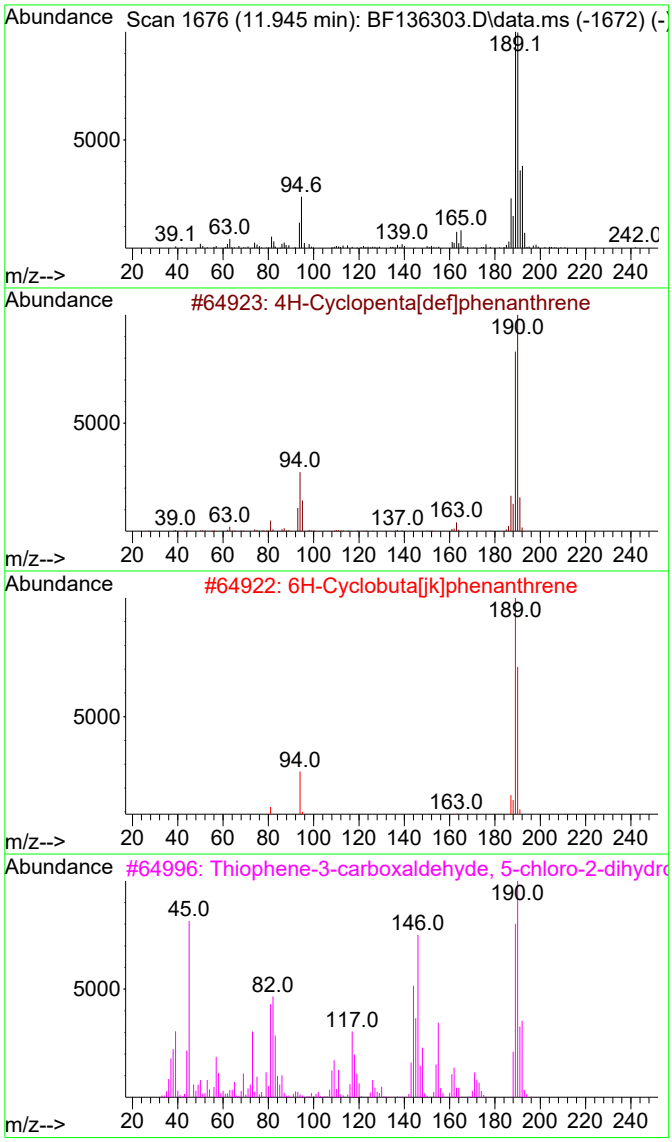
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

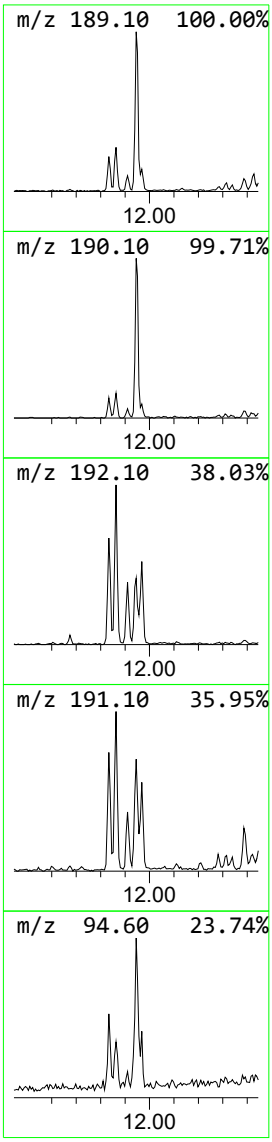
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.37 ng	217163	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27





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Misc :
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Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

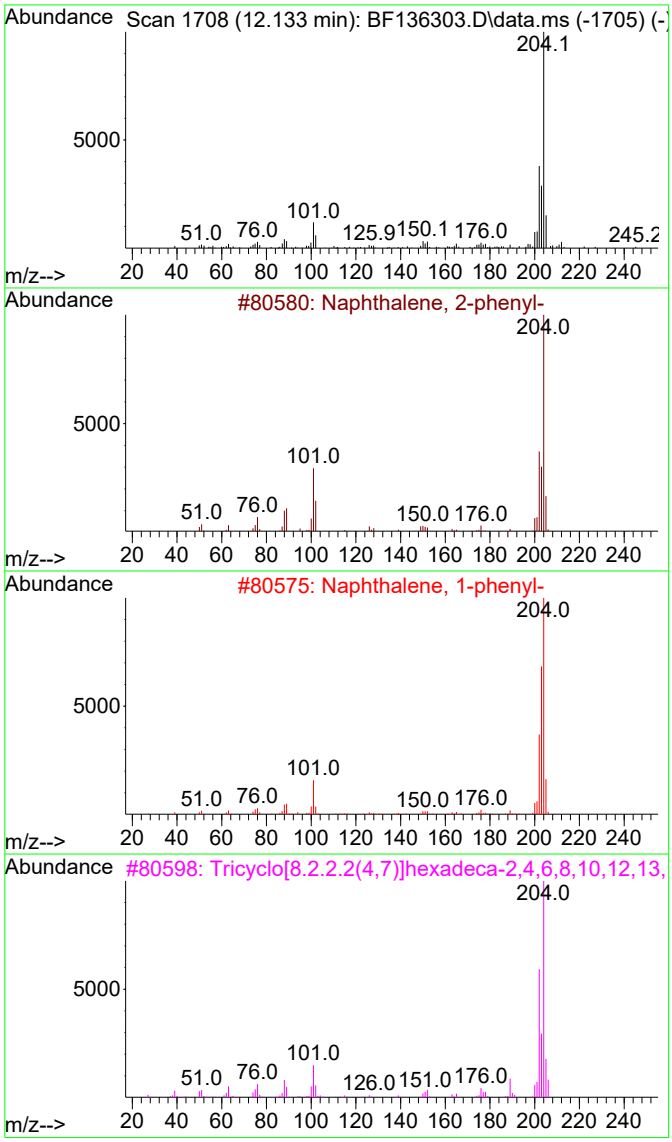
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

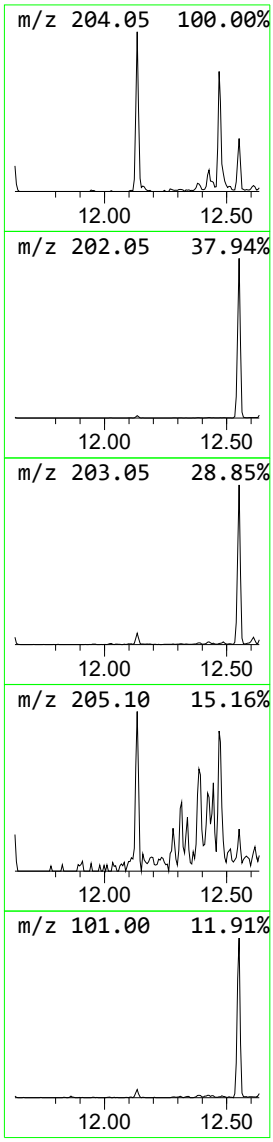
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	2.20 ng	75159	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	53





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Instrument :
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ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

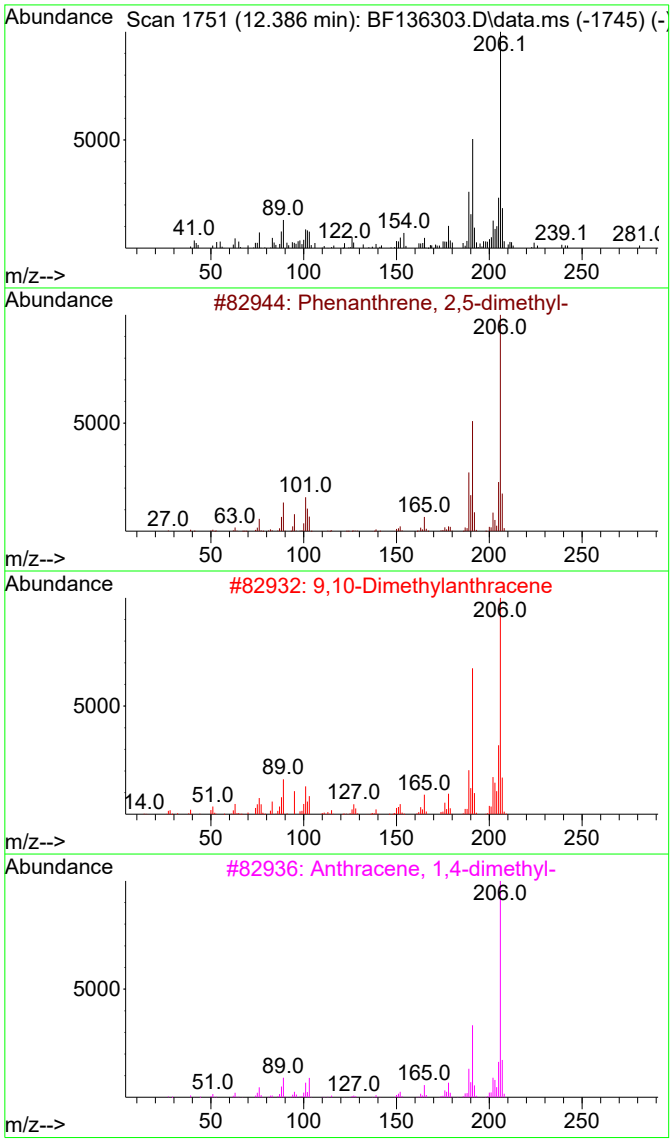
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

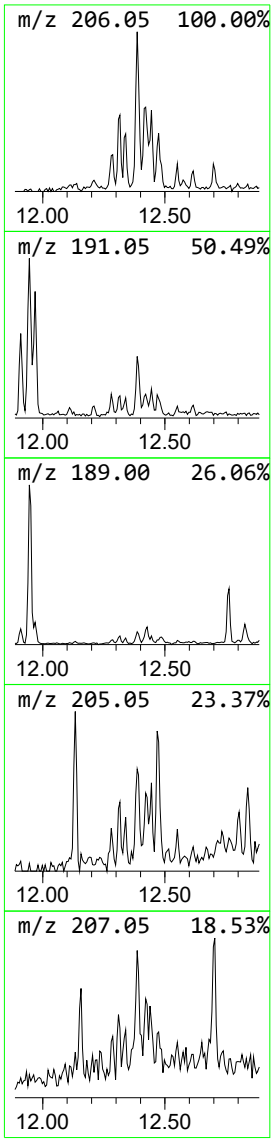
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.22 ng	75838	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Data File : BF136303.D
Acq On : 30 Nov 2023 01:38
Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

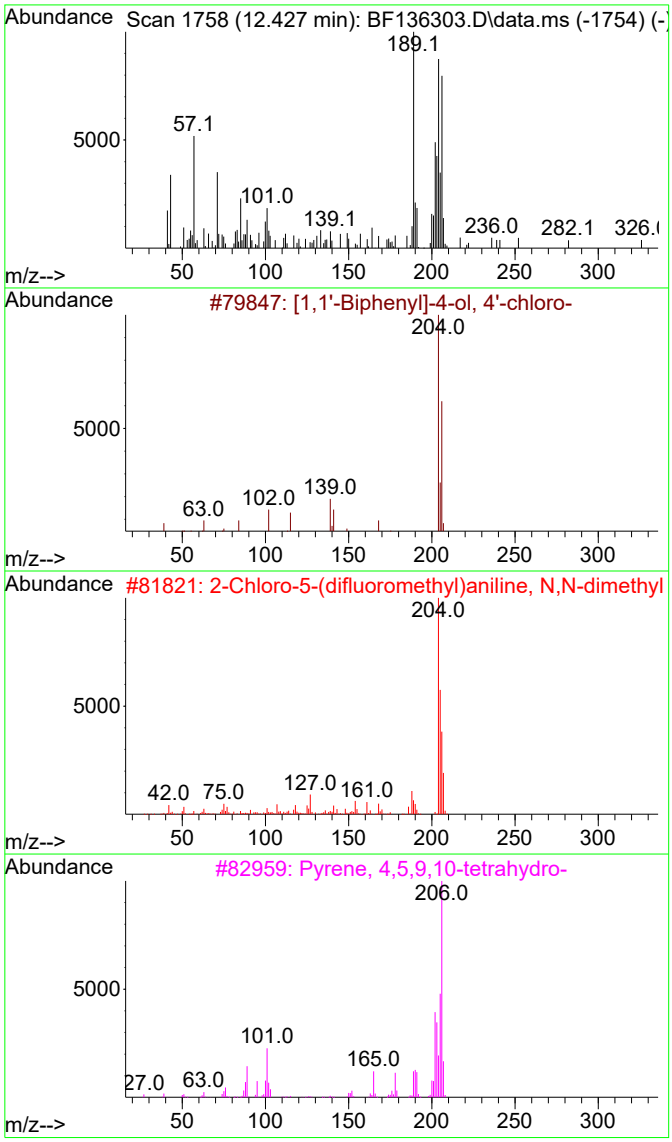
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

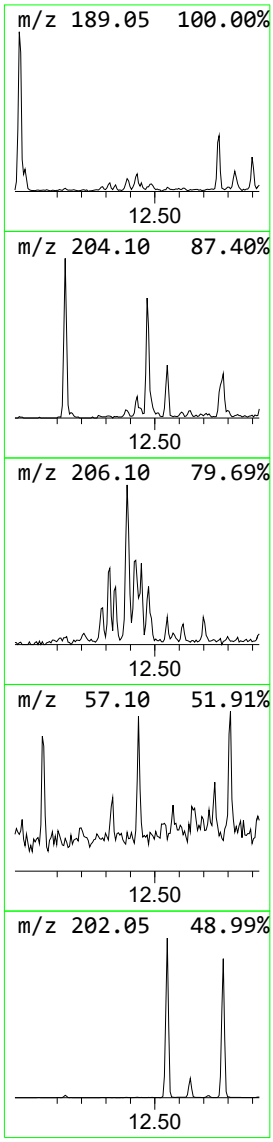
****

Peak Number 8 unknown12.427 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	2.19 ng	74734	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
2	2-Chloro-5-(difluoromethyl)anili...	205	C9H10ClF2N	1000499-80-3	25
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	20
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	18
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	18





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Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

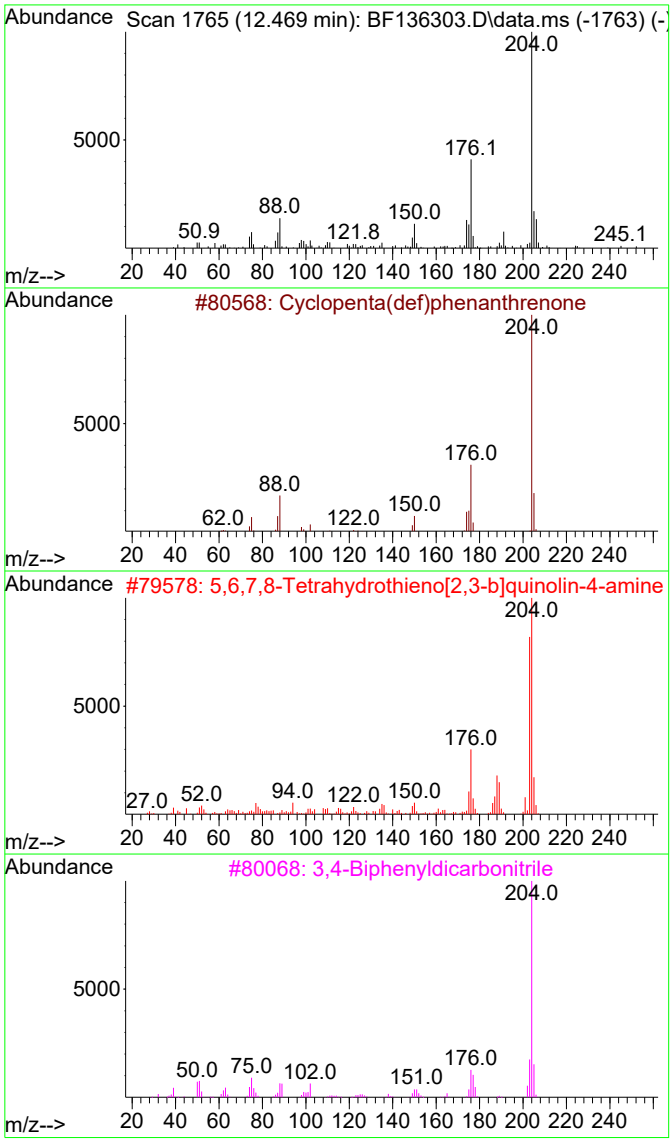
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

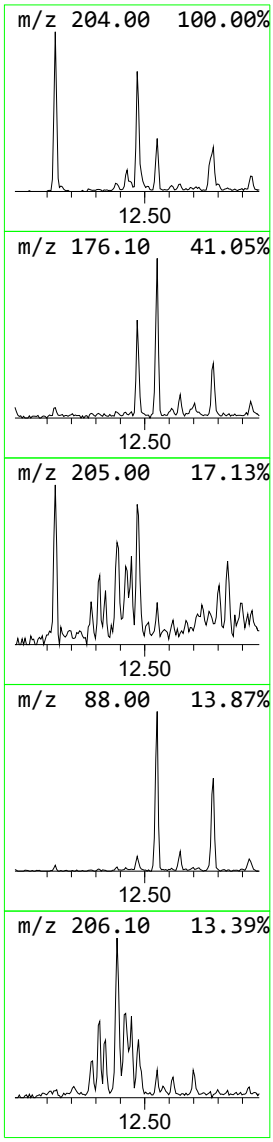
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.24 ng	76291	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

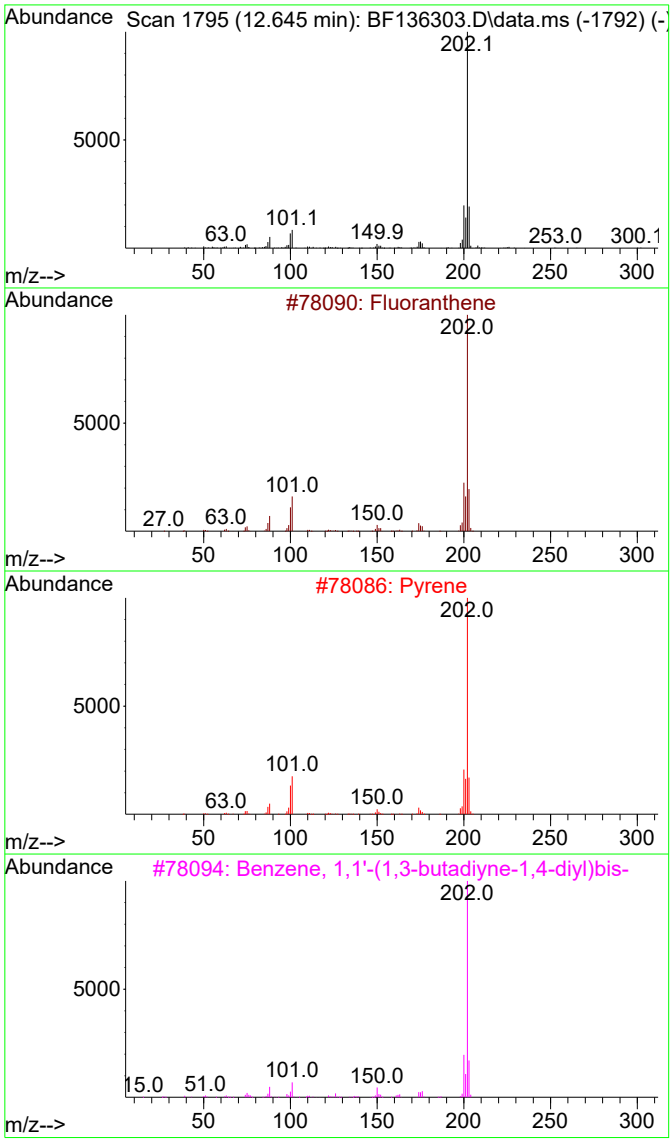
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

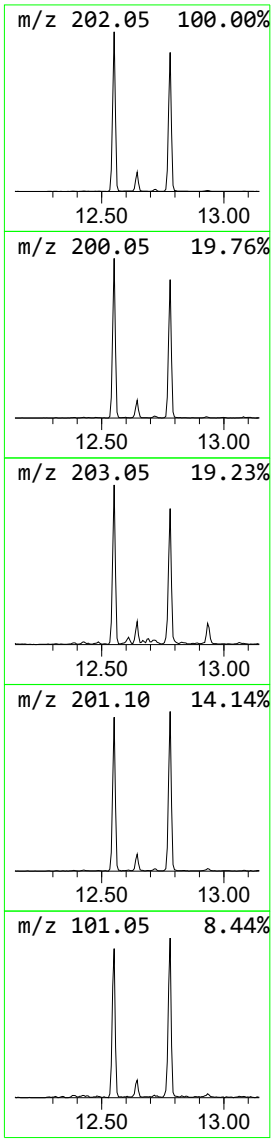
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	5.15 ng	175719	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	90
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	Methyl 3-indolepropionate, TMS d...	275	C15H21NO2Si	056196-72-6	50
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	45





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Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

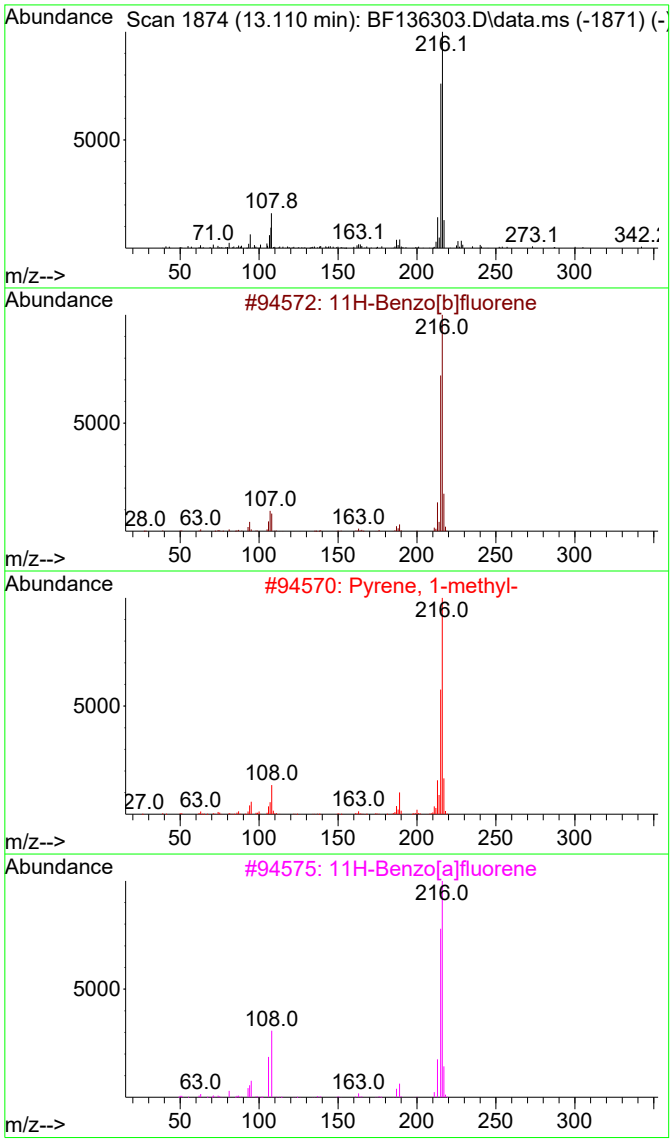
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

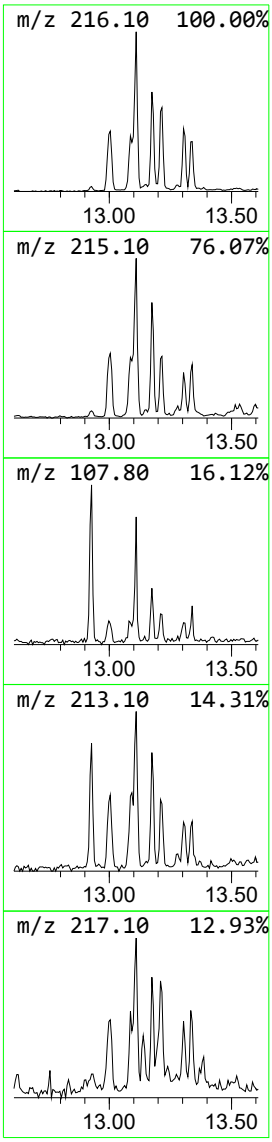
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.12 ng	138375	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





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Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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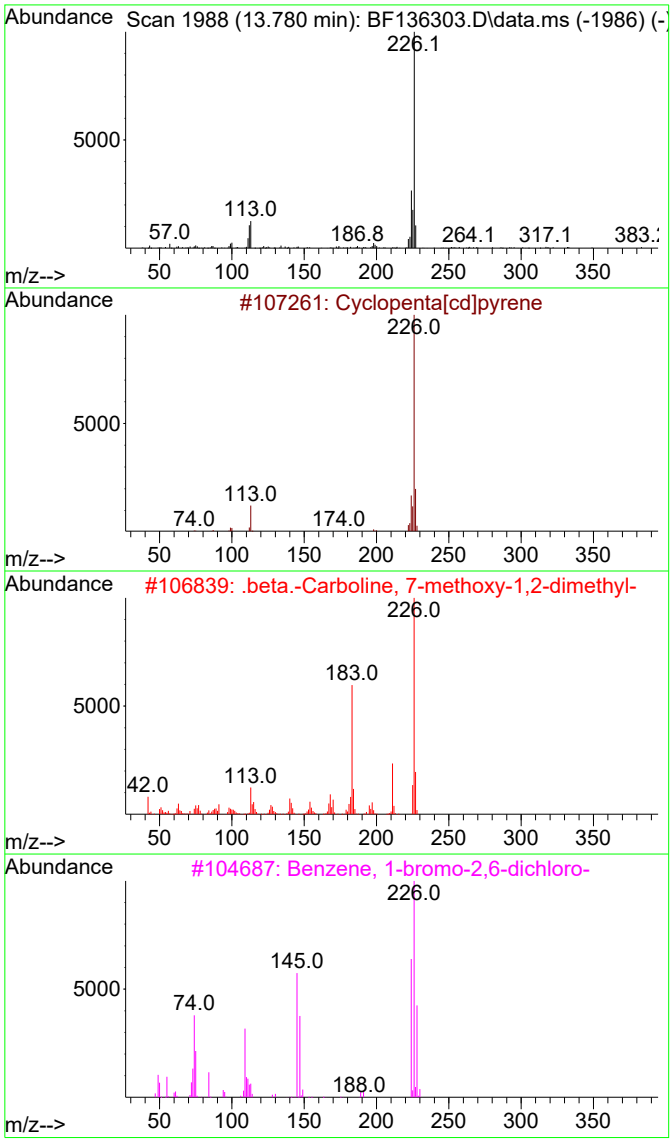
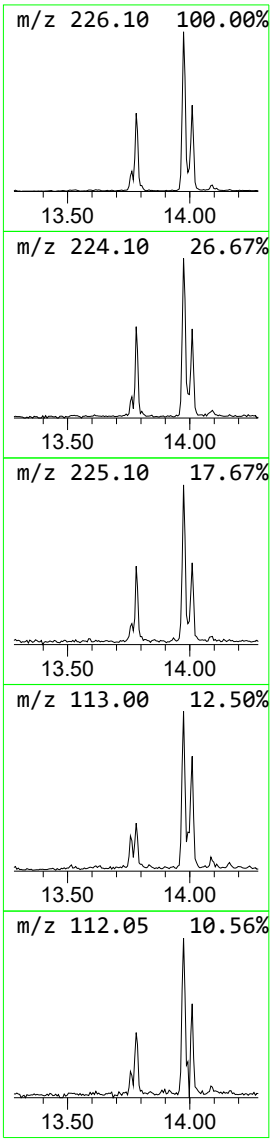
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.26 ng	147451	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	50
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	36





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Operator : CG\JU
Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

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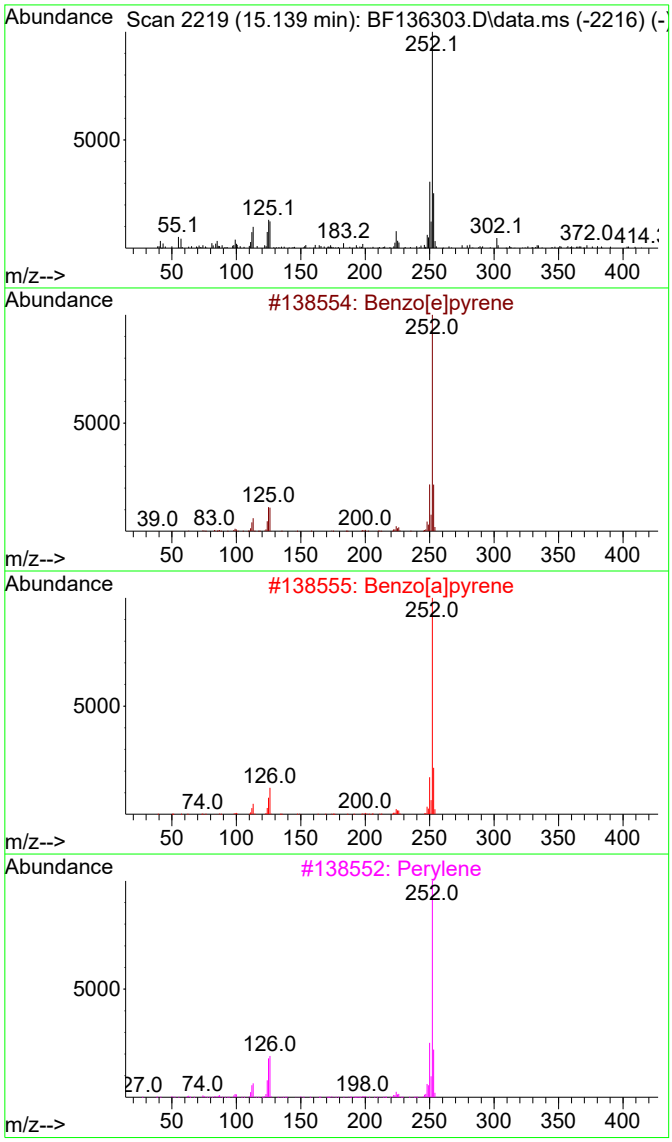
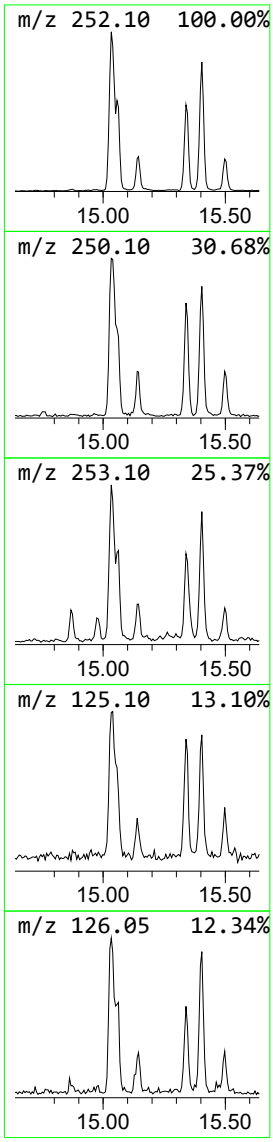
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	4.68 ng	98074	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Sample : 05312-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2(200FT)(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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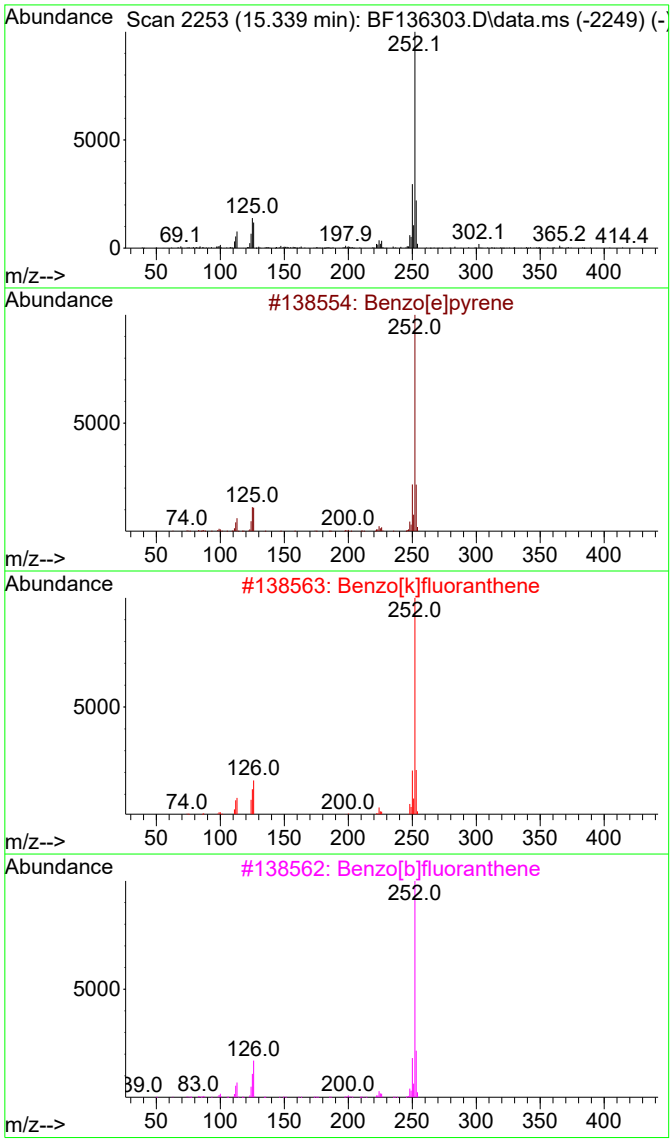
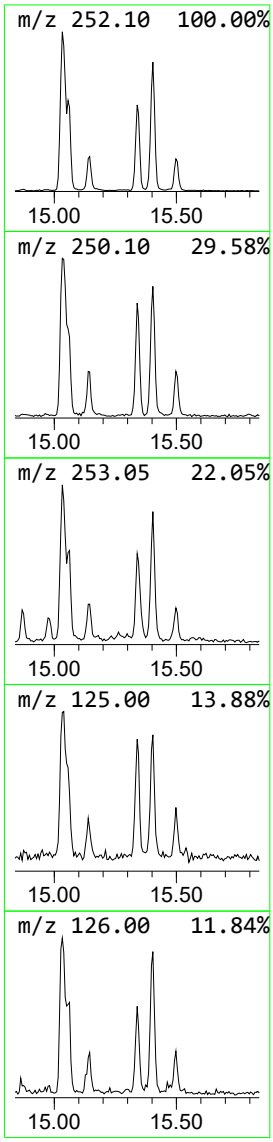
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	9.77 ng	204840	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BF136303.D
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Operator : CG\JU
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Misc :
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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzothiophene	11.227	2.6	ng	90454	4	11.328	682102	20.0
Phenanthrene, 2...	11.833	2.5	ng	84147	4	11.328	682102	20.0
Phenanthrene, 1...	11.863	5.1	ng	172795	4	11.328	682102	20.0
4H-Cyclopenta[d...	11.945	6.4	ng	217163	4	11.328	682102	20.0
Naphthalene, 2-...	12.133	2.2	ng	75159	4	11.328	682102	20.0
Phenanthrene, 2...	12.386	2.2	ng	75838	4	11.328	682102	20.0
unknown12.427	12.427	2.2	ng	74734	4	11.328	682102	20.0
Cyclopenta(def)...	12.469	2.2	ng	76291	4	11.328	682102	20.0
Benzene, 1,1'-(...	12.645	5.2	ng	175719	4	11.328	682102	20.0
11H-Benzo[b]flu...	13.110	2.1	ng	138375	5	13.986	1303940	20.0
Cyclopenta[cd]p...	13.780	2.3	ng	147451	5	13.986	1303940	20.0
Benzo[e]pyrene	15.139	4.7	ng	98074	6	15.468	419355	20.0
Perylene	15.339	9.8	ng	204840	6	15.468	419355	20.0