LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121877.D
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

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-BF091020.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	5.387	557	561	583	rBV	336097	475998	28.55%	2.336%
2	6.410	731	735	752	rBV	340291	506745	30.39%	2.487%
3	6.763	791	795	804	rBV	957923	793381	47.58%	3.894%
4	7.328	887	891	903	rBV	295819	328197	19.68%	1.611%
5	8.045	1009	1013	1034	rBV	1039900	1133174	67.96%	5.562%
6	8.763	1132	1135	1142	rBV	37738	44605	2.68%	0.219%
7	8.857	1148	1151	1160	rVB	38609	43851	2.63%	0.215%
8	9.122	1192	1196	1207	rBV	670090	643099	38.57%	3.156%
9	9.222	1211	1213	1219	rVB2	19015	21950	1.32%	0.108%
10	9.392	1238	1242	1247	rBV	19590	28347	1.70%	0.139%
11	9.457	1249	1253	1256	rBV	40415	45533	2.73%	0.223%
12	9.486	1256	1258	1261	rVV	30575	26117	1.57%	0.128%
13	9.516	1261	1263	1269	rVV	55010	53794	3.23%	0.264%
14	9.575	1269	1273	1279	rVV	20264	24942	1.50%	0.122%
15	9.798	1304	1311	1314	rBV	1185159	1047976	62.85%	5.144%
16	9.833	1314	1317	1323	rVV	284850	286587	17.19%	1.407%
17	9.957	1334	1338	1342	rBV2	25638	23547	1.41%	0.116%
18	10.004	1342	1346	1350	rVV	124455	121554	7.29%	0.597%
19	10.039	1350	1352	1357	rVB	18593	20139	1.21%	0.099%
20	10.345	1400	1404	1410	rBV	216883	211783	12.70%	1.039%
21	10.433	1417	1419	1422	rVB	33876	26585	1.59%	0.130%
22	10.504	1429	1431	1437	rVB	54437	48221	2.89%	0.237%
23	10.592	1442	1446	1452	rBV	259303	295721	17.74%	1.451%
24	10.716	1457	1467	1473	rVB5	13970	28237	1.69%	0.139%
25	10.898	1491	1498	1500	rBV2	44988	62567	3.75%	0.307%
26	10.922	1500	1502	1505	rVV2	23985	24657	1.48%	0.121%
27	10.975	1508	1511	1514	rVV2	21448	25014	1.50%	0.123%
28	11.022	1514	1519	1521	rVV3	32492	40511	2.43%	0.199%
29	11.045	1521	1523	1529	rVV	32721	38682	2.32%	0.190%
30	11.092	1529	1531	1535	rVV	19043	20029	1.20%	0.098%
31	11.139	1535	1539	1544	rVV5	32169	57927	3.47%	0.284%
32	11.180	1544	1546	1552	rVB	92428	80315	4.82%	0.394%
33	11.286	1560	1564	1566	rBV	1004614	946590	56.77%	4.646%
34	11.310	1566	1568	1572	rVV	1560114	1230039	73.77%	6.037%

LSC Area Percent Report

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Data File : BF121877.D
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.363	1572	1577	1580	rVV	411220	388863	23.32%	1.909%
36	11.398	1580	1583	1589	rVB2	34450	49109	2.95%	0.241%
37	11.522	1597	1604	1611	rBV2	98108	138973	8.33%	0.682%
38	11.580	1611	1614	1618	rBV2	32002	32770	1.97%	0.161%
39	11.786	1645	1649	1652	rBV	126839	122147	7.33%	0.600%
40	11.816	1652	1654	1658	rVB	172555	142899	8.57%	0.701%
41	11.863	1659	1662	1665	rBV	88757	73119	4.39%	0.359%
42	11.898	1665	1668	1671	rVV	216606	239393	14.36%	1.175%
43	11.922	1671	1672	1678	rVB	88983	58513	3.51%	0.287%
44	11.969	1678	1680	1682	rBV	16909	18090	1.08%	0.089%
45	12.080	1696	1699	1702	rVB	95277	76476	4.59%	0.375%
46	12.116	1702	1705	1708	rVB	25797	26781	1.61%	0.131%
47	12.233	1717	1725	1727	rBV4	33793	43213	2.59%	0.212%
48	12.263	1727	1730	1732	rVB2	31059	22169	1.33%	0.109%
49	12.286	1732	1734	1737	rBV	23503	21269	1.28%	0.104%
50	12.333	1738	1742	1745	rBV	69412	76713	4.60%	0.377%
51	12.374	1746	1749	1754	rVB4	52930	65641	3.94%	0.322%
52	12.427	1754	1758	1763	rVB4	40757	58175	3.49%	0.286%
53	12.498	1766	1770	1774	rBV	1352673	1262680	75.73%	6.198%
54	12.563	1779	1781	1785	rVB	32012	25489	1.53%	0.125%
55	12.651	1789	1796	1799	rBV2	59828	85790	5.15%	0.421%
56	12.727	1803	1809	1815	rBV	1165138	1353214	81.16%	6.642%
57	12.774	1815	1817	1823	rVB2	59595	77273	4.63%	0.379%
58	12.869	1826	1833	1835	rBV2	624508	599447	35.95%	2.942%
59	12.886	1835	1836	1841	rVB	77572	72431	4.34%	0.356%
60	12.951	1841	1847	1850	rBV2	73319	124649	7.48%	0.612%
61	12.980	1850	1852	1854	rBV	20850	18725	1.12%	0.092%
62	13.057	1857	1865	1868	rBV	177636	242071	14.52%	1.188%
63	13.098	1868	1872	1873	rBV3	25653	29164	1.75%	0.143%
64	13.122	1873	1876	1879	rBV	161742	131271	7.87%	0.644%
65	13.157	1879	1882	1885	rBV2	96977	111041	6.66%	0.545%
66	13.216	1890	1892	1895	rVB2	27643	23939	1.44%	0.117%
67	13.251	1896	1898	1901	rBV	53151	41727	2.50%	0.205%
68	13.280	1901	1903	1907	rBV3	59668	69587	4.17%	0.342%
69	13.351	1913	1915	1921	rVB5	27149	40881	2.45%	0.201%
70	13.439	1928	1930	1932	rBV3	27430	27413	1.64%	0.135%
71	13.480	1935	1937	1940	rVB	38559	32996	1.98%	0.162%

LSC Area Percent Report

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Sample : L4260-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.539	1945	1947	1950	rBV2	35191	46791	2.81%	0.230%
73	13.569	1950	1952	1956	rVB3	35856	41501	2.49%	0.204%
74	13.674	1967	1970	1972	rBV	63209	61158	3.67%	0.300%
75	13.704	1972	1975	1977	rBV	76543	58153	3.49%	0.285%
76	13.727	1977	1979	1980	rBV	63557	45887	2.75%	0.225%
77	13.927	2005	2013	2016	rBV2	1162801	1667384	100.00%	8.184%
78	13.951	2016	2017	2021	rVB	492313	347967	20.87%	1.708%
79	14.033	2028	2031	2033	rBV	143383	113816	6.83%	0.559%
80	14.121	2044	2046	2048	rBV	40172	27940	1.68%	0.137%
81	14.274	2070	2072	2074	rBV	44890	44206	2.65%	0.217%
82	14.316	2077	2079	2082	rVB	89413	76129	4.57%	0.374%
83	14.545	2115	2118	2123	rVB	279240	264838	15.88%	1.300%
84	14.957	2184	2188	2191	rBV	435238	620944	37.24%	3.048%
85	15.063	2203	2206	2209	rBV	96971	99239	5.95%	0.487%
86	15.251	2234	2238	2244	rVB	253982	316344	18.97%	1.553%
87	15.310	2244	2248	2253	rBV	418826	484627	29.07%	2.379%
88	15.374	2254	2259	2262	rBV	633395	767761	46.05%	3.768%
89	16.792	2495	2500	2506	rBV2	130735	234507	14.06%	1.151%
90	17.221	2569	2573	2582	rVB	110702	224116	13.44%	1.100%

Sum of corrected areas: 20373823

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
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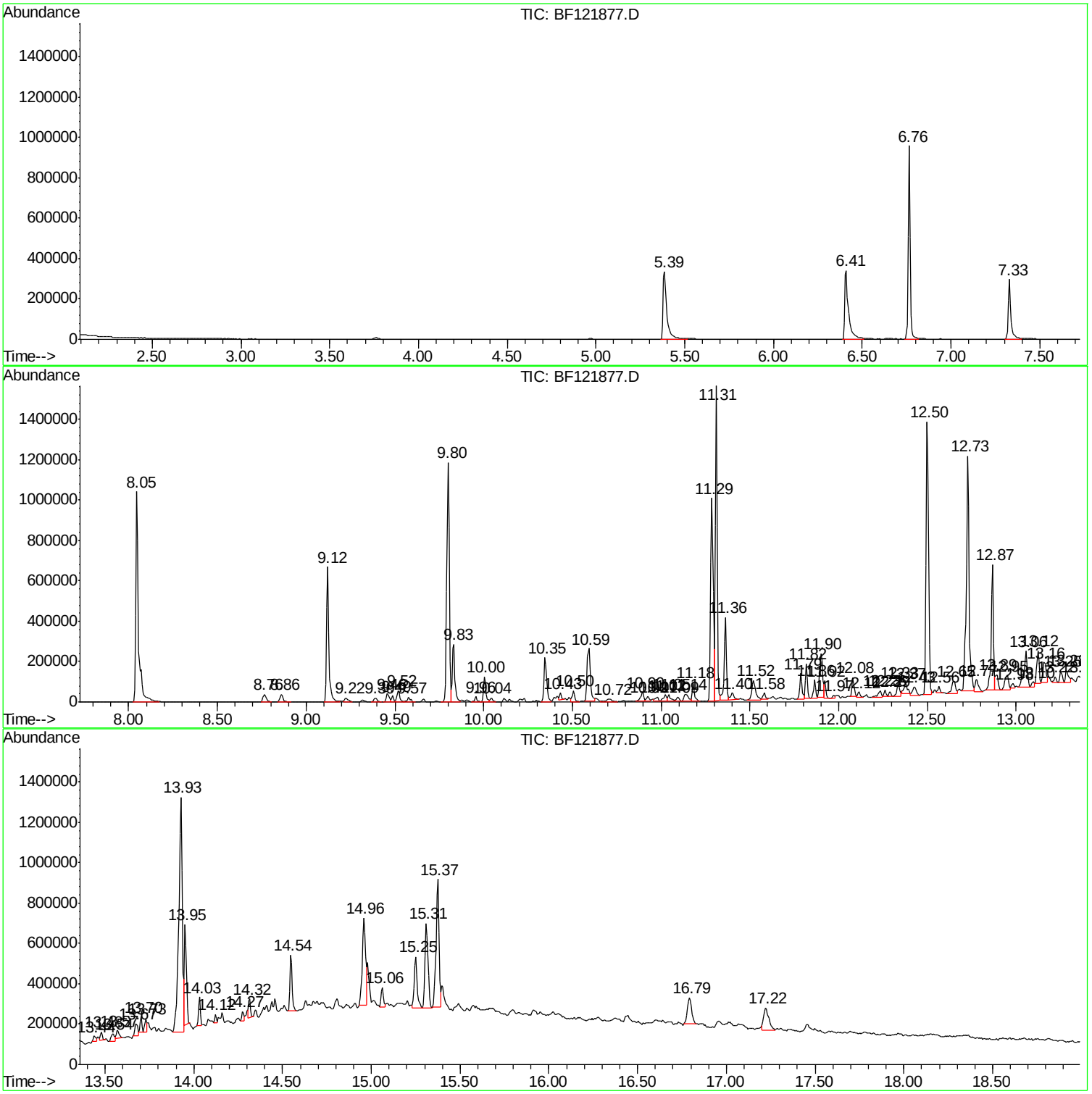
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121877.D
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

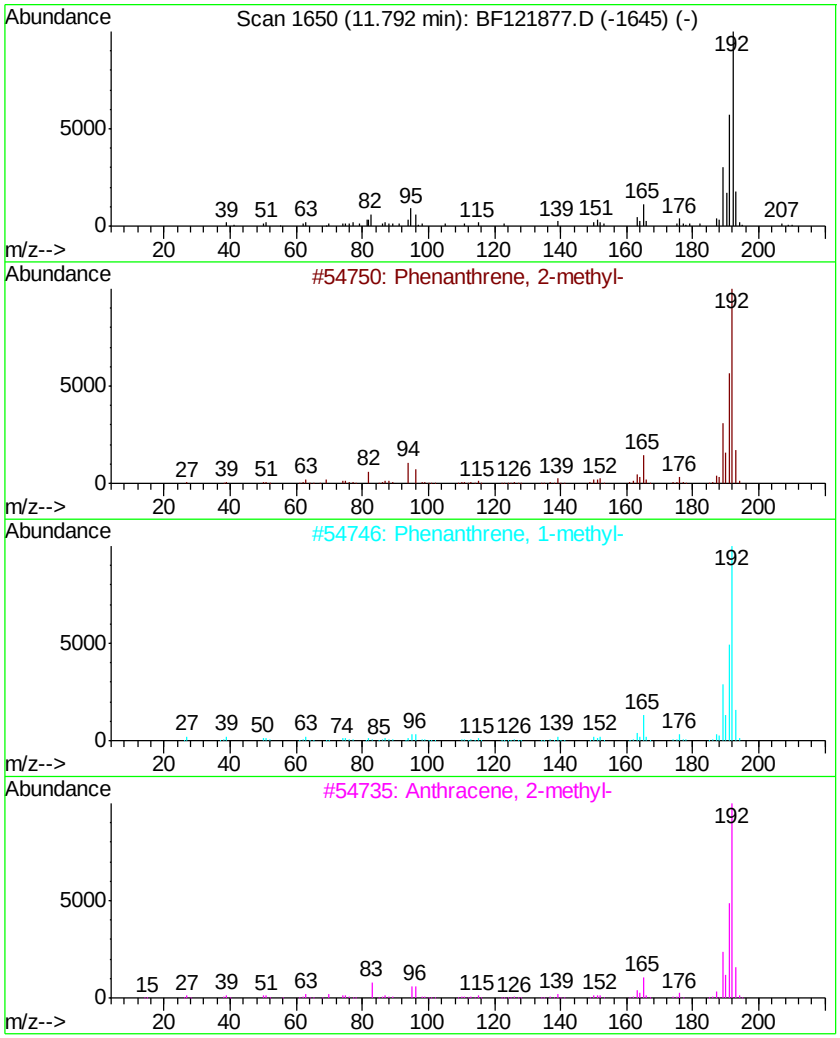
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

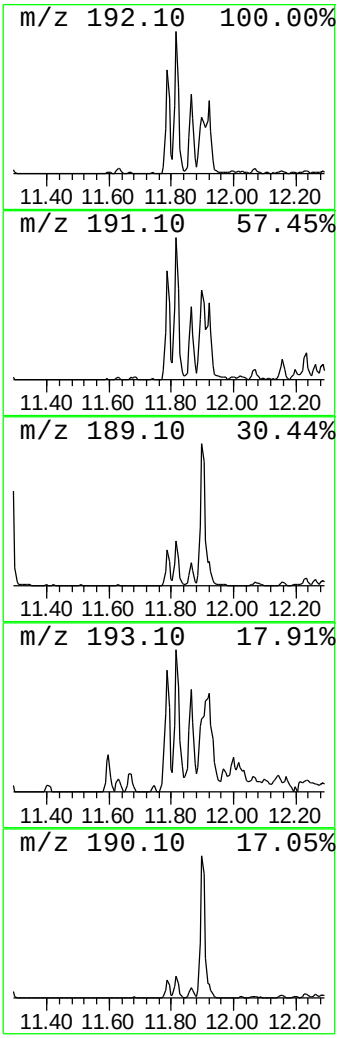
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.58 ng	122147	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121877.D
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

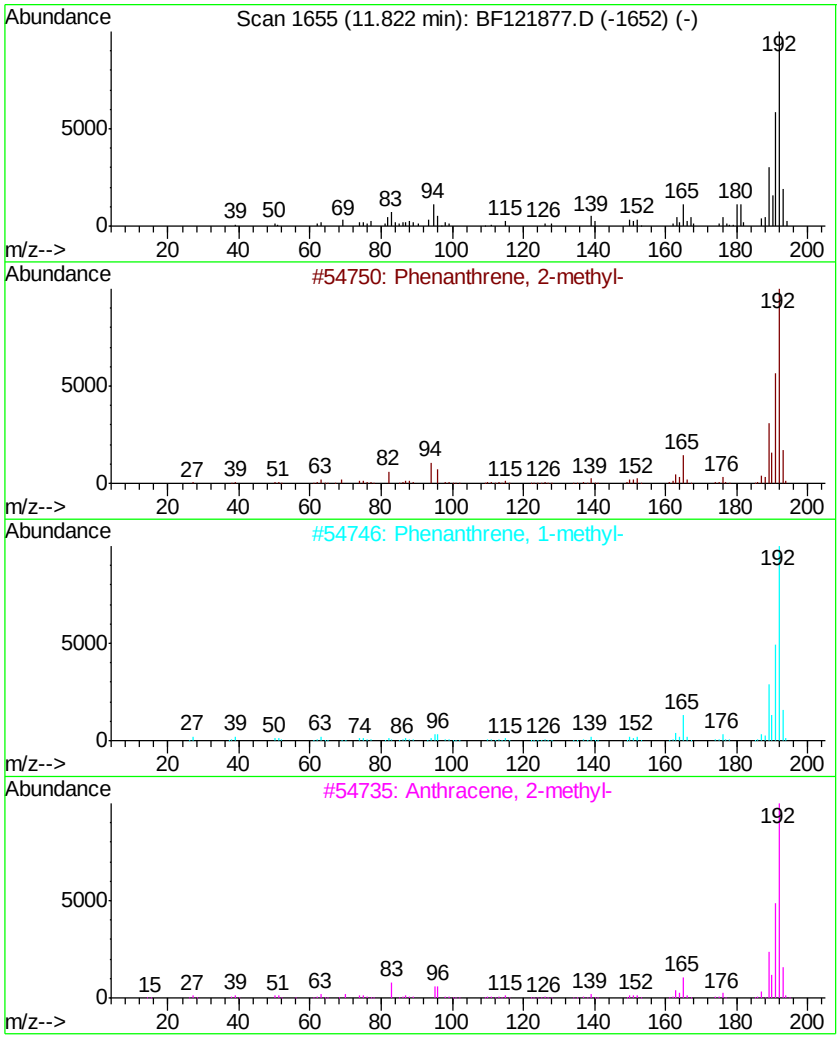
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

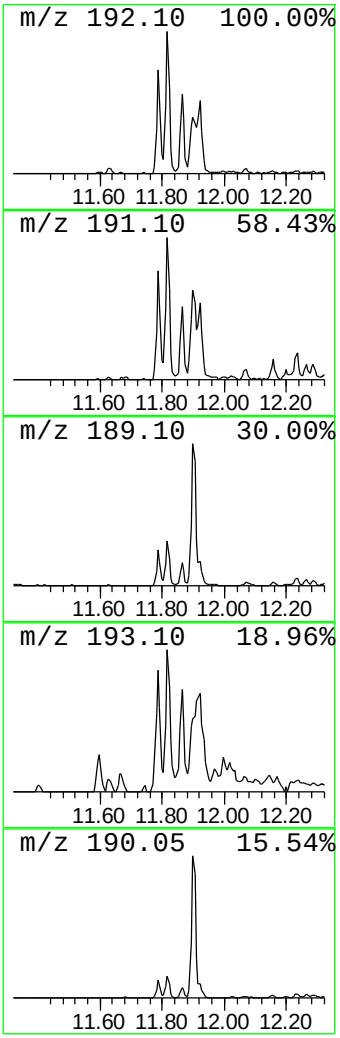
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.02 ng	142899	Phenanthrene-d10	11.29

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
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Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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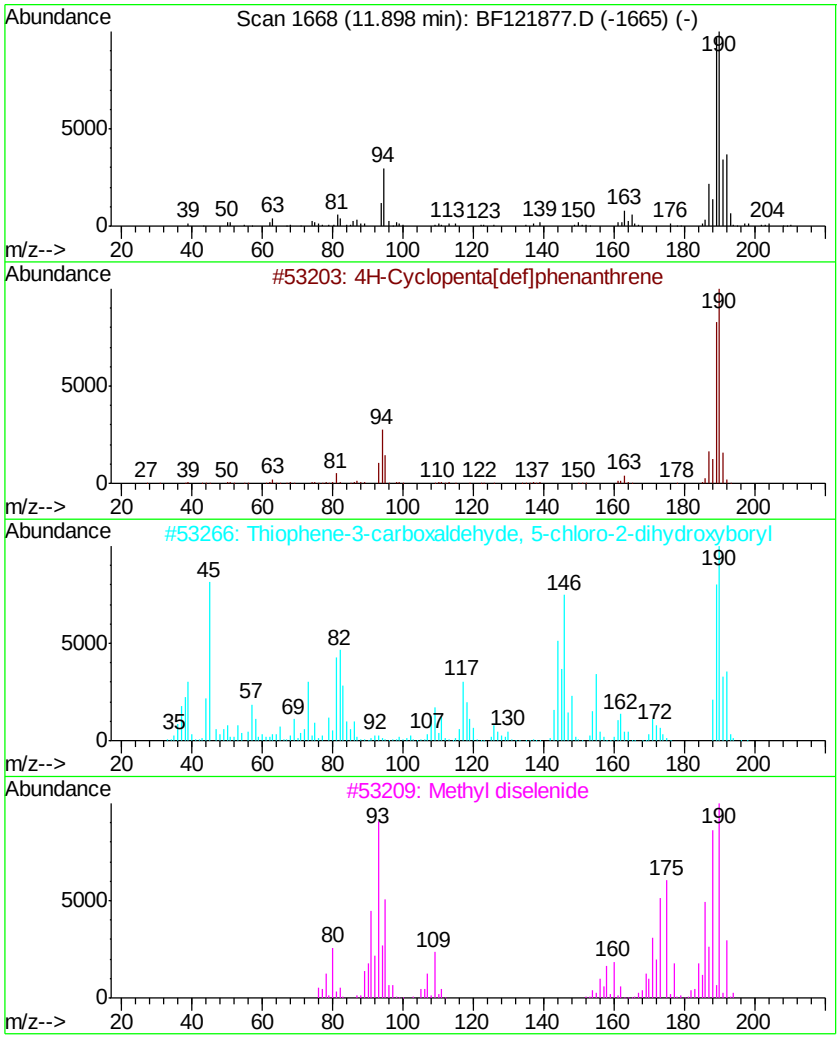
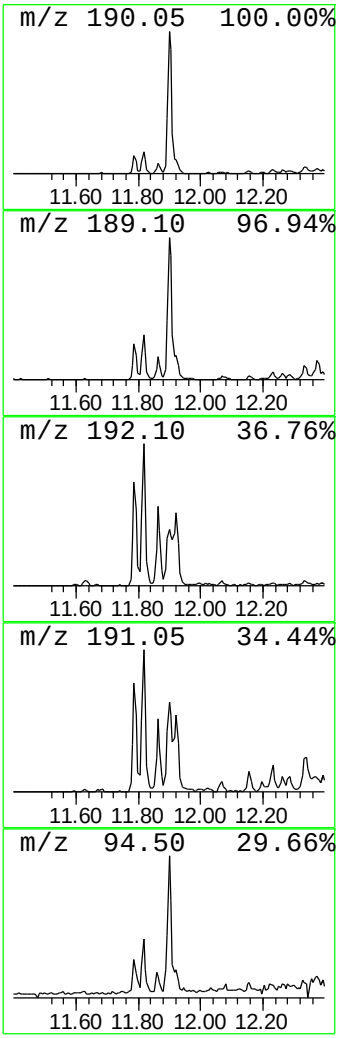
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.06 ng	239393	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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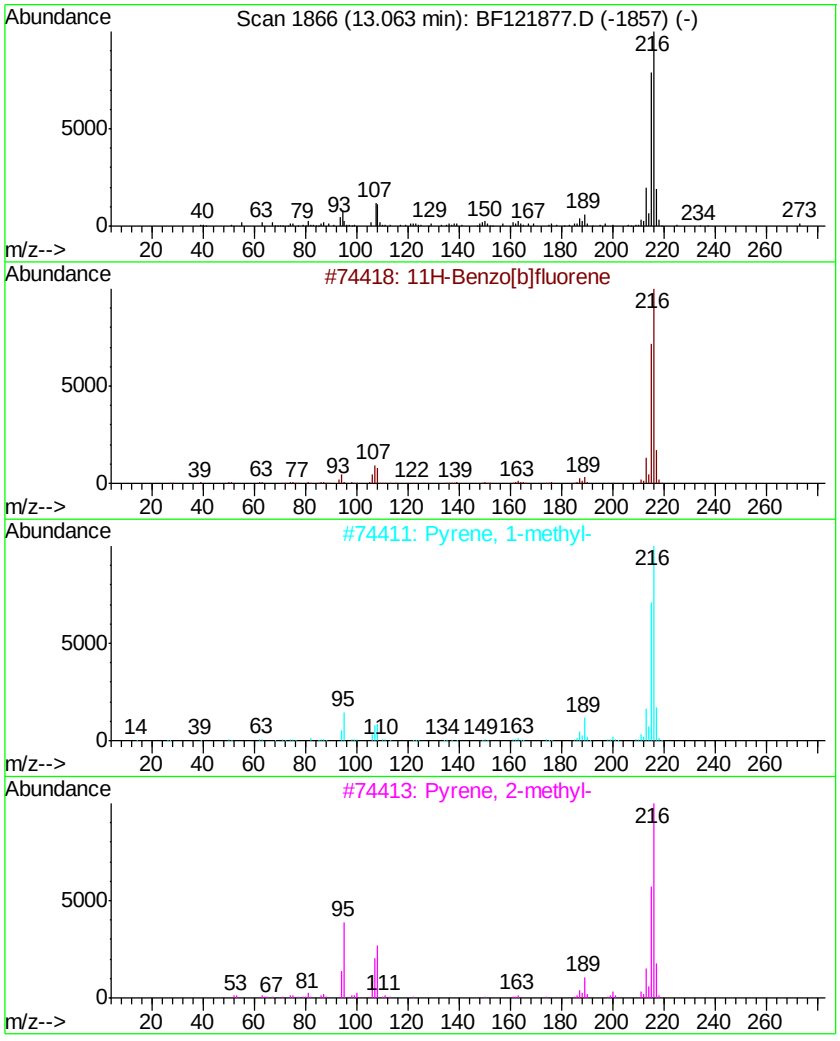
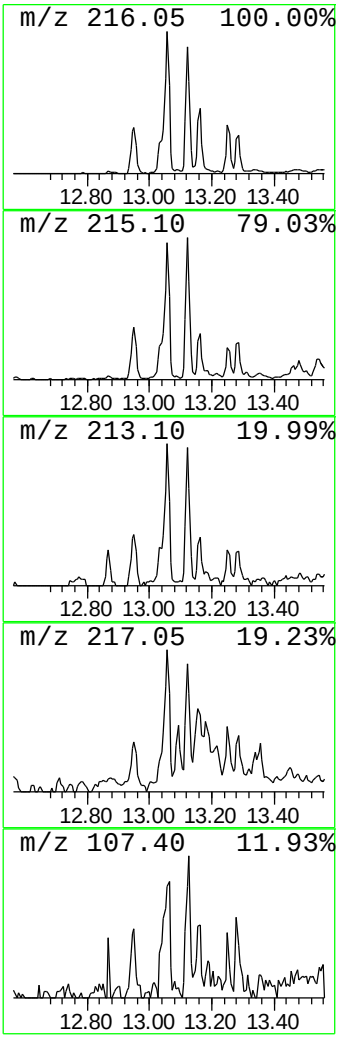
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.90 ng	242071	Chrysene-d12	13.93

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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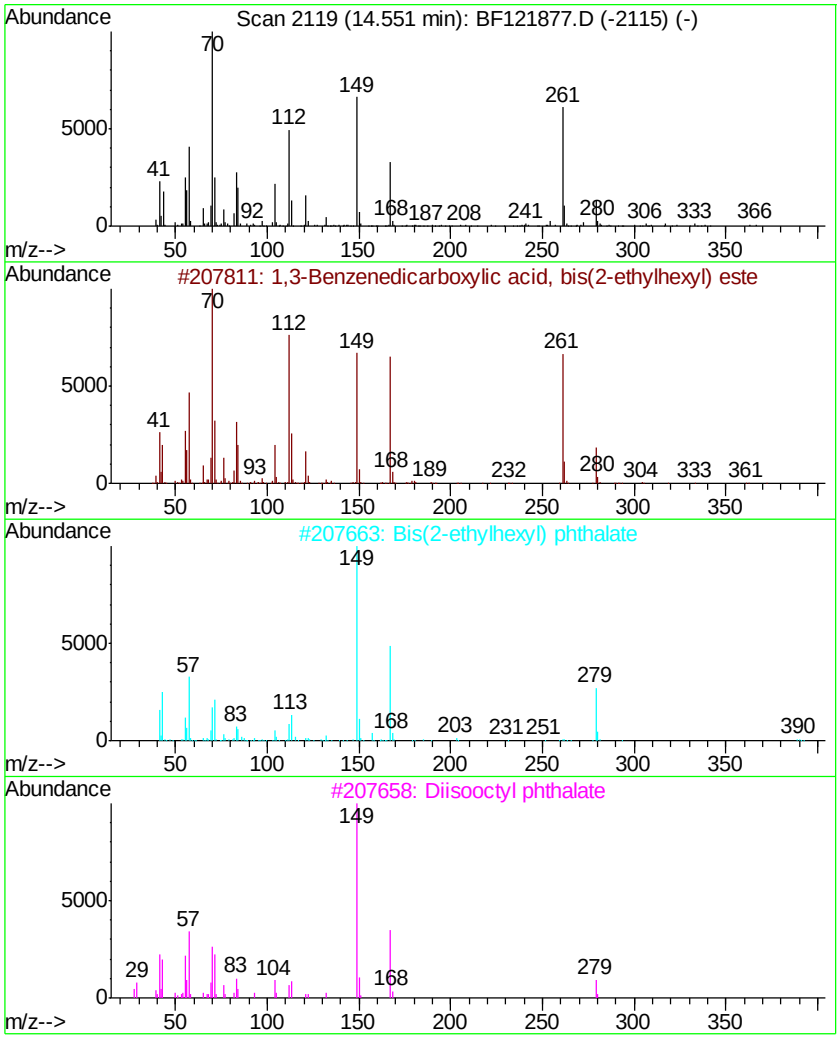
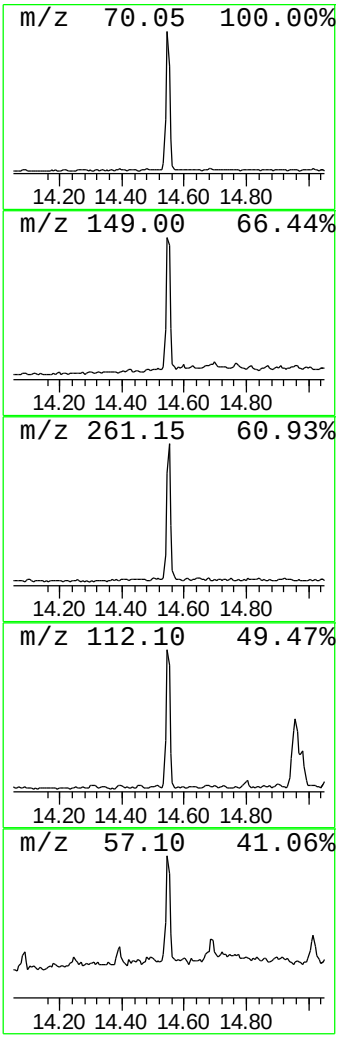
Peak Number 5 1,3-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.18 ng	264838	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	25
3	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22
4	Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	18
5	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	16





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

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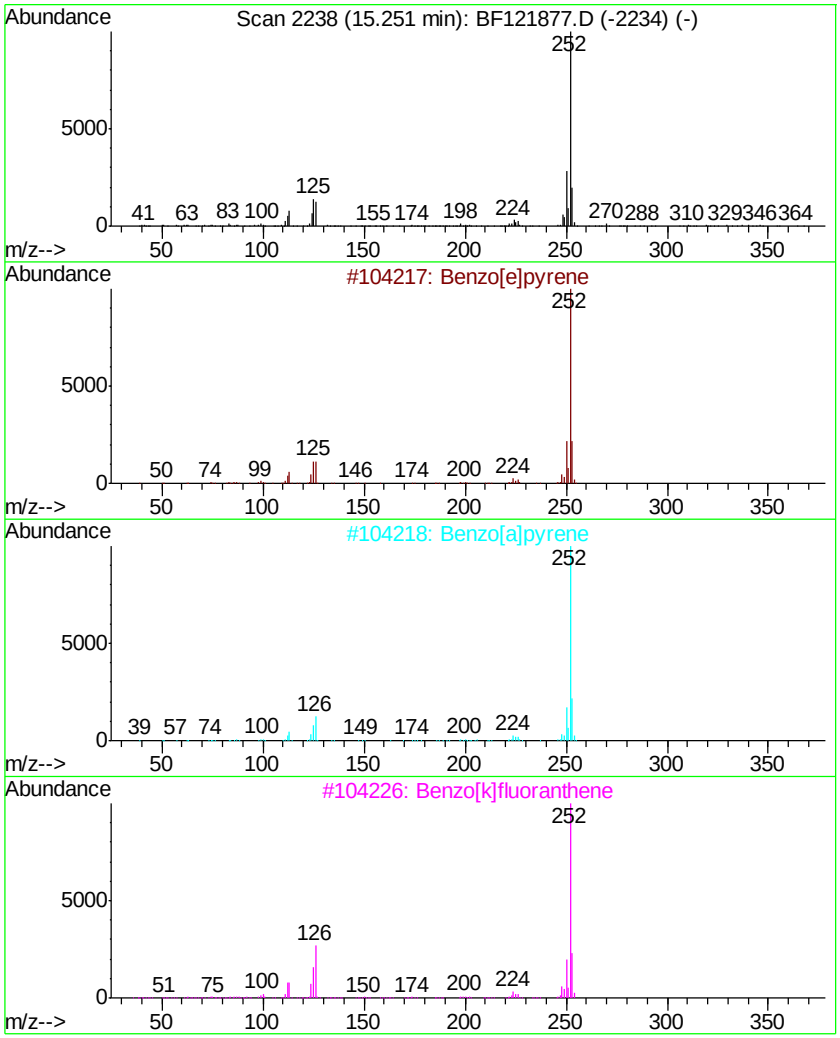
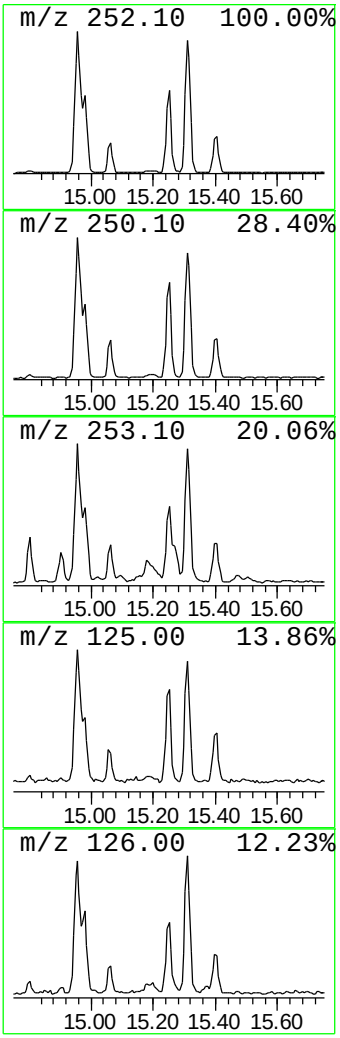
Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	8.24 ng	316344	Perylene-d12	15.37

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
Data File : BF121877.D
Acq On : 7 Oct 2020 16:57
Operator : JU/CG
Sample : L4260-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B21-100220-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Phenanthrene, 1-m...	11.79	2.6	ng	122147	4	11.29	946590	20.0
Phenanthrene, 2-m...	11.82	3.0	ng	142899	4	11.29	946590	20.0
4H-Cyclopenta[def...	11.90	5.1	ng	239393	4	11.29	946590	20.0
11H-Benzo[b]fluorene	13.06	2.9	ng	242071	5	13.93	1667380	20.0
1,3-Benzenedicarb...	14.55	3.2	ng	264838	5	13.93	1667380	20.0
Benzo[e]pyrene	15.25	8.2	ng	316344	6	15.37	767761	20.0