LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127107.D
Acq On : 28 Feb 2022 18:42
Operator : CG\JU
Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.522	546	550	553	rBV	2144635	1848007	54.90%	3.719%
2	6.528	716	721	727	rBV	2107866	1900094	56.45%	3.824%
3	6.898	781	784	788	rBV	1575798	1383077	41.09%	2.783%
4	7.463	875	880	883	rBV	1571648	1279059	38.00%	2.574%
5	8.081	981	985	992	rBV	76562	88753	2.64%	0.179%
6	8.186	998	1003	1005	rBV	2292420	1846337	54.85%	3.715%
7	9.257	1181	1185	1188	rBV	2752735	2145204	63.73%	4.317%
8	9.804	1274	1278	1283	rBV	82533	75860	2.25%	0.153%
9	9.945	1298	1302	1305	rBV	2246930	1872917	55.64%	3.769%
10	9.975	1305	1307	1310	rVB	170992	124488	3.70%	0.251%
11	10.145	1331	1336	1339	rBV	131207	115828	3.44%	0.233%
12	10.351	1365	1371	1372	rBV3	27804	47869	1.42%	0.096%
13	10.486	1391	1394	1399	rVB	141164	137965	4.10%	0.278%
14	10.645	1418	1421	1426	rVB	93209	83192	2.47%	0.167%
15	10.733	1432	1436	1439	rBV	1388178	1269124	37.70%	2.554%
16	10.851	1454	1456	1462	rVB4	37252	47343	1.41%	0.095%
17	11.039	1481	1488	1490	rBV4	67234	97231	2.89%	0.196%
18	11.163	1505	1509	1511	rBV3	66716	65183	1.94%	0.131%
19	11.186	1511	1513	1518	rVV2	62457	74209	2.20%	0.149%
20	11.233	1518	1521	1525	rVV	289952	264000	7.84%	0.531%
21	11.280	1525	1529	1532	rVV2	73085	97656	2.90%	0.197%
22	11.327	1535	1537	1542	rVB	195073	157303	4.67%	0.317%
23	11.433	1551	1555	1557	rBV	1654207	1602199	47.60%	3.224%
24	11.463	1557	1560	1563	rVV	3437804	2727960	81.04%	5.490%
25	11.510	1563	1568	1570	rVV	616103	532469	15.82%	1.072%
26	11.539	1570	1573	1576	rVB2	40782	46999	1.40%	0.095%
27	11.663	1588	1594	1600	rBV2	325338	368943	10.96%	0.742%
28	11.727	1603	1605	1608	rVV	67923	57085	1.70%	0.115%
29	11.763	1608	1611	1615	rVB3	117776	108343	3.22%	0.218%
30	11.821	1616	1621	1623	rBV3	31424	45411	1.35%	0.091%
31	11.933	1634	1640	1643	rBV	437520	435676	12.94%	0.877%
32	11.963	1643	1645	1648	rVB	596750	448674	13.33%	0.903%
33	12.010	1648	1653	1656	rBV	170601	140075	4.16%	0.282%
34	12.045	1656	1659	1662	rBV2	417888	503175	14.95%	1.013%
35	12.068	1662	1663	1666	rVB	277565	154912	4.60%	0.312%
36	12.116	1667	1671	1673	rBV2	54770	55417	1.65%	0.112%

LSC Area Percent Report

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Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.198	1682	1685	1688	rBV5	33196	47491	1.41%	0.096%
38	12.227	1688	1690	1693	rVV	284623	260662	7.74%	0.525%
39	12.257	1693	1695	1699	rVB	330194	252720	7.51%	0.509%
40	12.380	1713	1716	1718	rVV	87835	67242	2.00%	0.135%
41	12.410	1718	1721	1723	rVB	92021	70109	2.08%	0.141%
42	12.433	1723	1725	1727	rVB	80095	58406	1.74%	0.118%
43	12.486	1730	1734	1737	rBV2	203322	269191	8.00%	0.542%
44	12.521	1737	1740	1742	rVV3	92741	123890	3.68%	0.249%
45	12.539	1742	1743	1746	rVV	60480	46183	1.37%	0.093%
46	12.574	1746	1749	1753	rVB	322188	300896	8.94%	0.606%
47	12.657	1758	1763	1766	rBV	3566723	3366239	100.00%	6.774%
48	12.692	1766	1769	1771	rBV	63125	58837	1.75%	0.118%
49	12.710	1771	1772	1775	rVB2	75570	54043	1.61%	0.109%
50	12.745	1775	1778	1780	rVB	58309	55282	1.64%	0.111%
51	12.780	1780	1784	1785	rBV2	86768	93701	2.78%	0.189%
52	12.804	1785	1788	1790	rVV	115594	106980	3.18%	0.215%
53	12.827	1790	1792	1795	rVB4	52915	48139	1.43%	0.097%
54	12.886	1795	1802	1805	rBV	2903662	3131546	93.03%	6.302%
55	12.927	1805	1809	1813	rVB2	175561	176406	5.24%	0.355%
56	12.998	1813	1821	1822	rBV2	188189	212959	6.33%	0.429%
57	13.015	1822	1824	1831	rVB	1521313	1549609	46.03%	3.118%
58	13.092	1832	1837	1841	rBV3	207524	358653	10.65%	0.722%
59	13.180	1849	1852	1854	rBV3	167876	216912	6.44%	0.437%
60	13.204	1854	1856	1859	rVB	187779	171148	5.08%	0.344%
61	13.239	1859	1862	1864	rBV	49648	56189	1.67%	0.113%
62	13.310	1870	1874	1877	rBV2	283994	315562	9.37%	0.635%
63	13.404	1887	1890	1893	rBV	143296	110795	3.29%	0.223%
64	13.433	1893	1895	1898	rBV2	141662	129235	3.84%	0.260%
65	13.586	1918	1921	1923	rBV3	66872	87588	2.60%	0.176%
66	13.615	1923	1926	1931	rVB5	62925	92668	2.75%	0.186%
67	13.715	1939	1943	1947	rVB	618437	529426	15.73%	1.065%
68	13.827	1957	1962	1965	rBV2	359160	451883	13.42%	0.909%
69	13.857	1965	1967	1969	rVV	275627	217600	6.46%	0.438%
70	13.880	1969	1971	1975	rVV2	216415	280310	8.33%	0.564%
71	13.927	1975	1979	1985	rVB	496199	529794	15.74%	1.066%
72	13.998	1988	1991	1997	rVB2	76470	107628	3.20%	0.217%
73	14.080	1997	2005	2008	rBV3	1999244	3100947	92.12%	6.240%
74	14.110	2008	2010	2017	rVB	1551684	1363961	40.52%	2.745%
75	14.186	2021	2023	2025	rBV	72553	49941	1.48%	0.100%
76	14.227	2027	2030	2032	rBV3	81097	98554	2.93%	0.198%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

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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77	14.310	2039	2044	2046	rBV2	134403	181030	5.38%	0.364%
78	14.333	2046	2048	2051	rVV2	84093	77624	2.31%	0.156%
79	14.468	2066	2071	2074	rVB	295613	292949	8.70%	0.590%
80	14.498	2074	2076	2080	rVB2	173252	164022	4.87%	0.330%
81	14.592	2089	2092	2094	rBV2	121654	111966	3.33%	0.225%
82	14.615	2094	2096	2100	rVV2	70848	72961	2.17%	0.147%
83	14.662	2102	2104	2109	rVB2	93259	106540	3.16%	0.214%
84	14.780	2121	2124	2127	rBV2	74198	69914	2.08%	0.141%
85	14.809	2127	2129	2133	rVB4	56184	70186	2.08%	0.141%
86	14.892	2140	2143	2147	rVB2	62785	73672	2.19%	0.148%
87	14.968	2151	2156	2165	rVB2	130982	274515	8.15%	0.552%
88	15.039	2165	2168	2173	rBV3	70948	115336	3.43%	0.232%
89	15.145	2180	2186	2189	rBV	1203514	1985230	58.97%	3.995%
90	15.251	2200	2204	2207	rBV	204111	213737	6.35%	0.430%
91	15.339	2215	2219	2226	rBV5	86532	203789	6.05%	0.410%
92	15.457	2234	2239	2244	rVB	637291	871820	25.90%	1.754%
93	15.521	2244	2250	2255	rVB	880465	1082671	32.16%	2.179%
94	15.586	2255	2261	2264	rBV	805299	1103748	32.79%	2.221%
95	15.615	2264	2266	2272	rVB2	285101	336887	10.01%	0.678%
96	16.903	2482	2485	2487	rBV	35544	50496	1.50%	0.102%
97	17.103	2512	2519	2527	rVB2	342064	684869	20.35%	1.378%
98	17.286	2545	2550	2555	rBV2	60116	103992	3.09%	0.209%
99	17.345	2556	2560	2566	rVB2	57019	94482	2.81%	0.190%
100	17.568	2590	2598	2606	rVB2	229903	483148	14.35%	0.972%

Sum of corrected areas: 49692946

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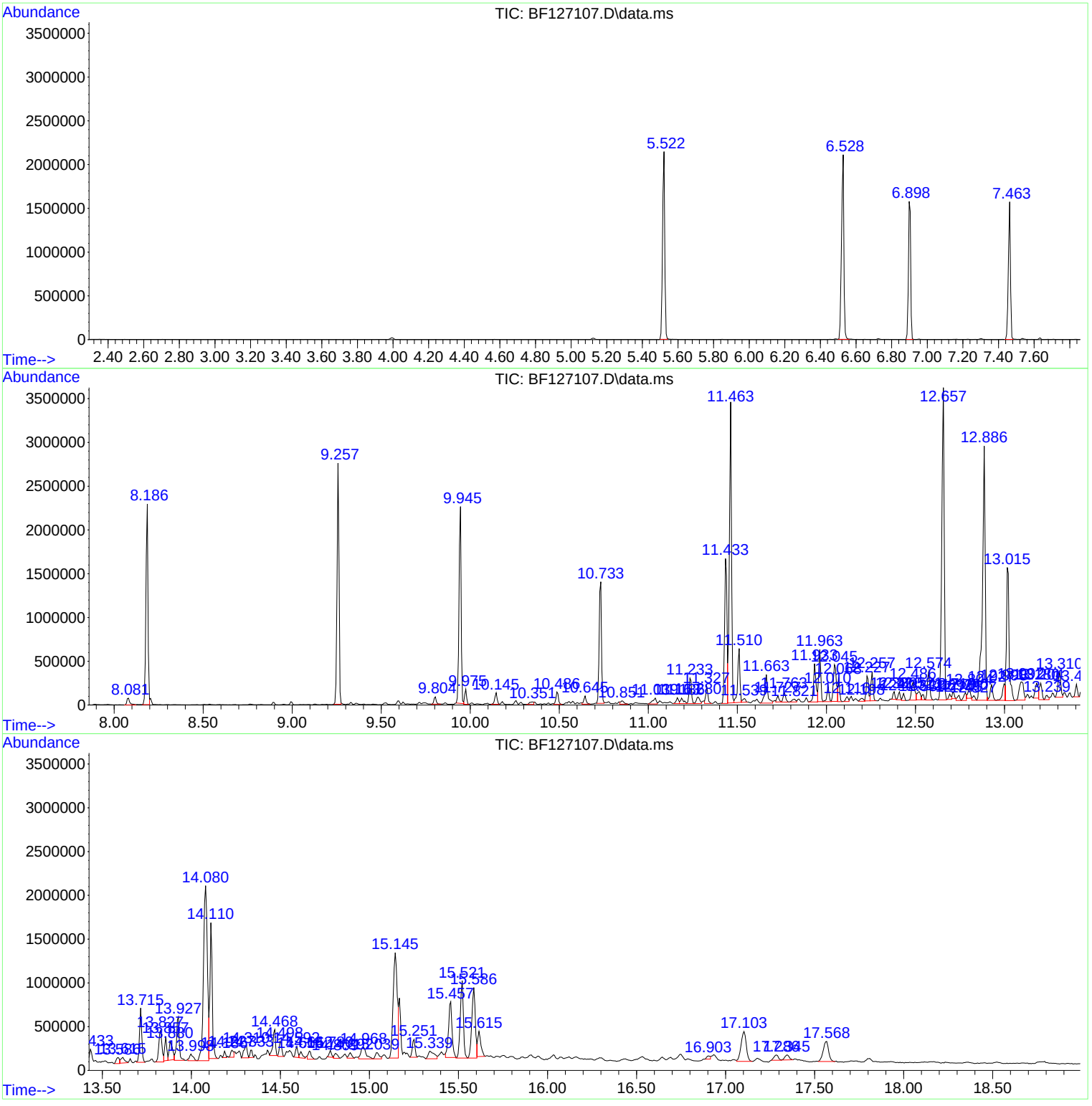
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF022822\
Data File : BF127107.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

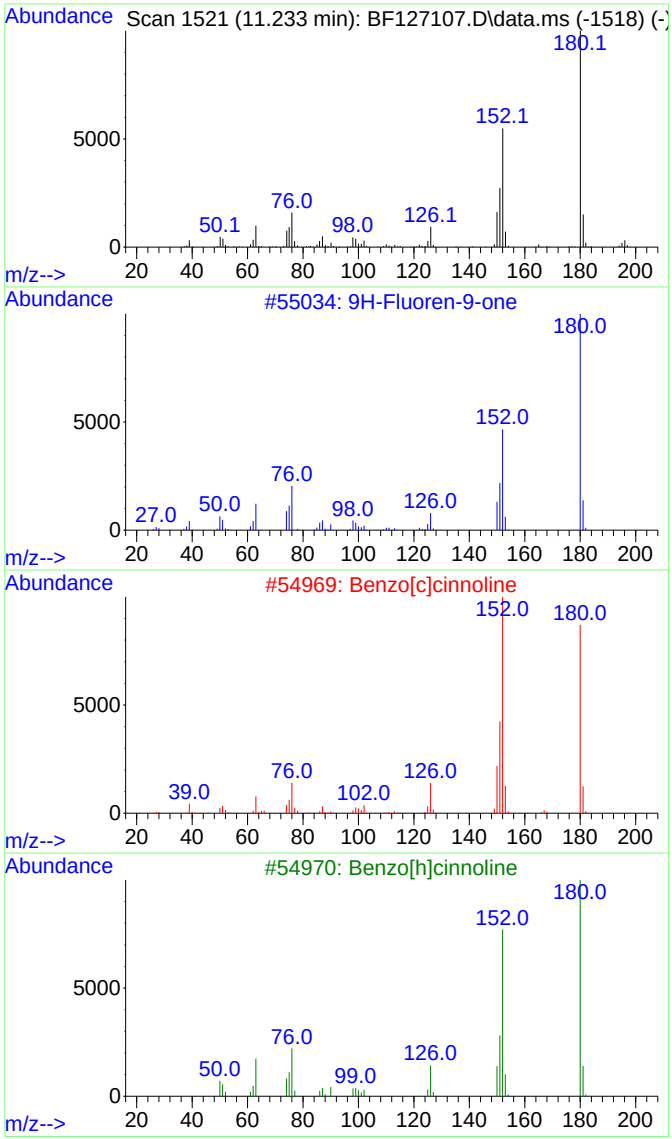
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

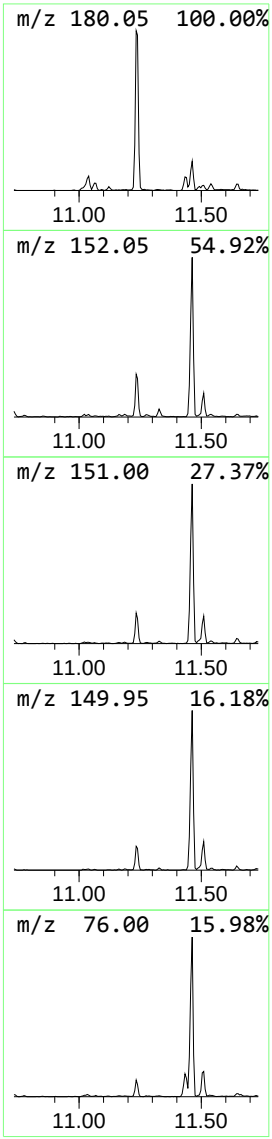
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.30 ng	264000	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Biphenylene	152	C12H8	000259-79-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127107.D
Acq On : 28 Feb 2022 18:42
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ALS Vial : 19 Sample Multiplier: 2

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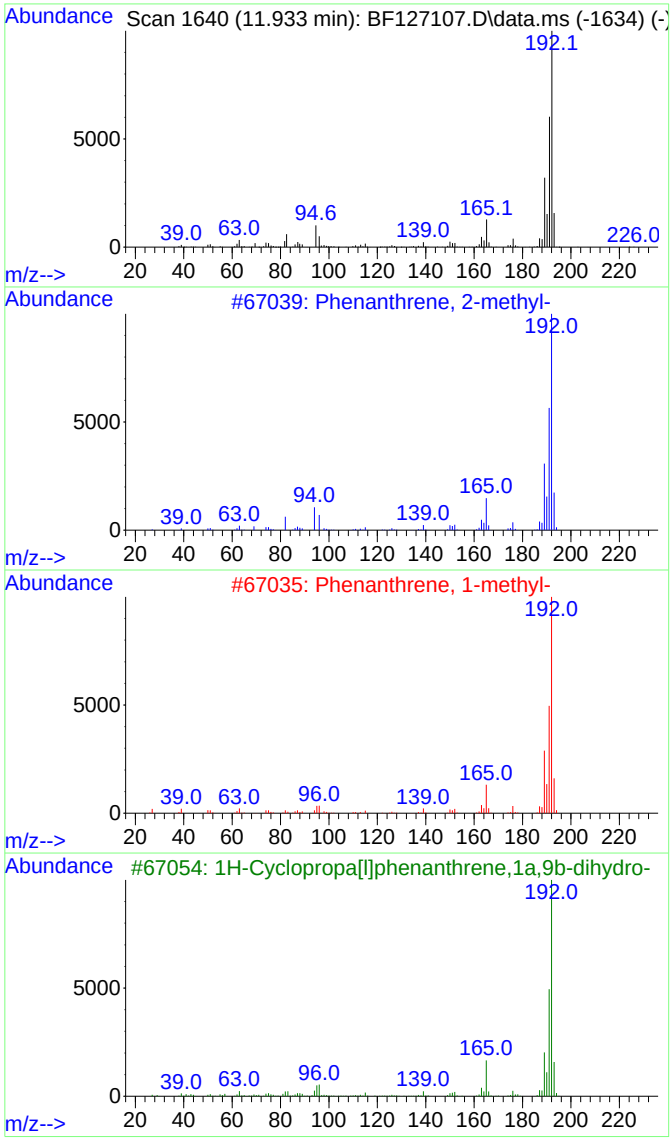
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

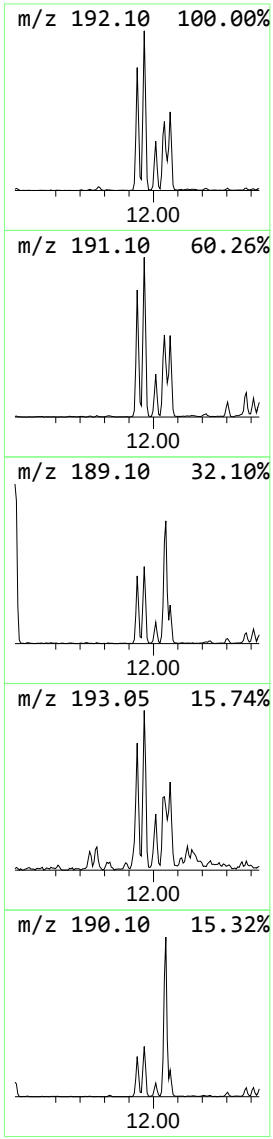
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.44 ng	435676	Phenanthrene-d10	11.433

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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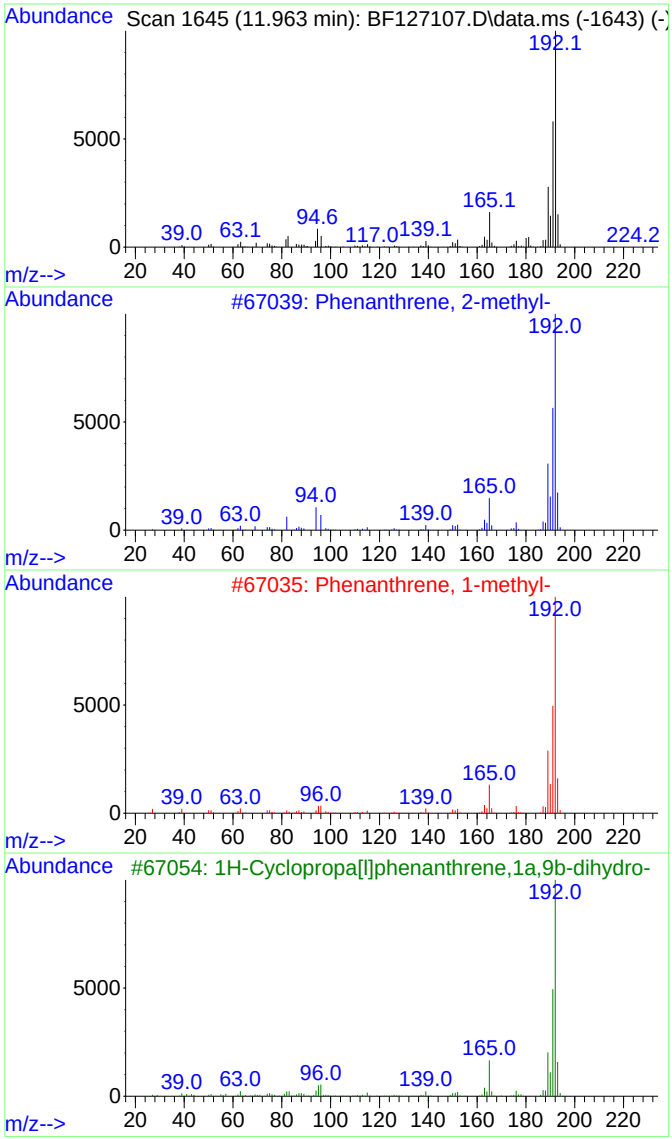
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

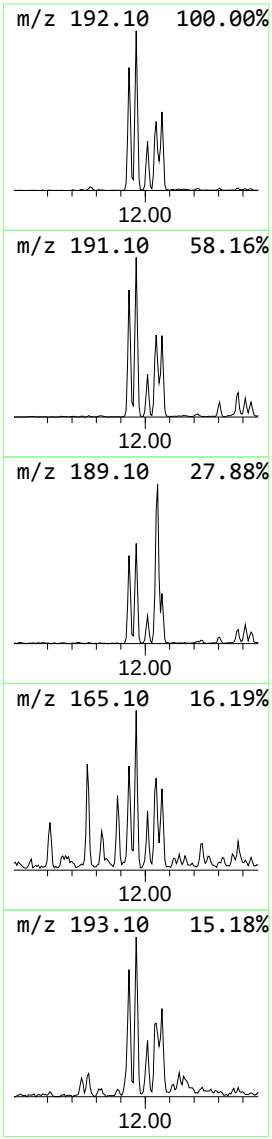
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	5.60 ng	448674	Phenanthrene-d10	11.433

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
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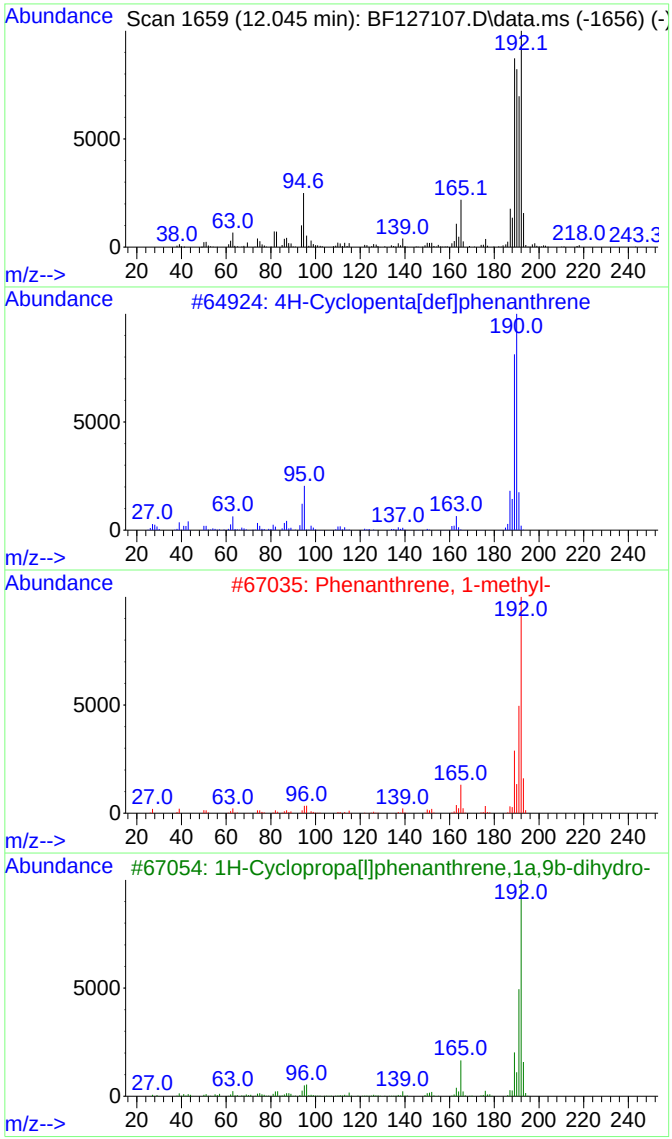
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

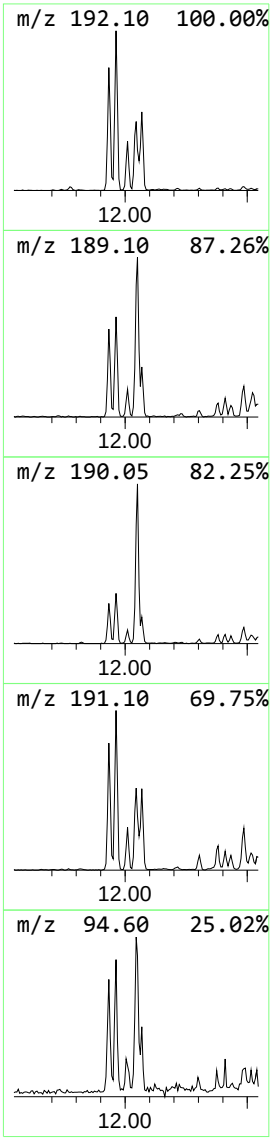
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	6.28 ng	503175	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127107.D
Acq On : 28 Feb 2022 18:42
Operator : CG\JU
Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

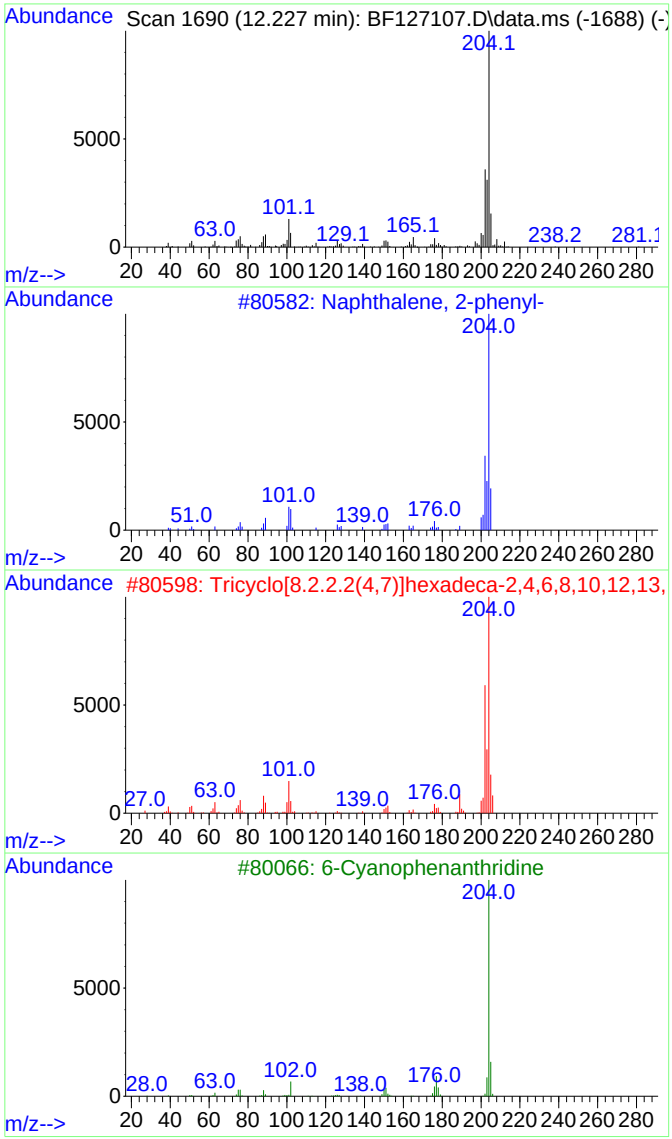
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

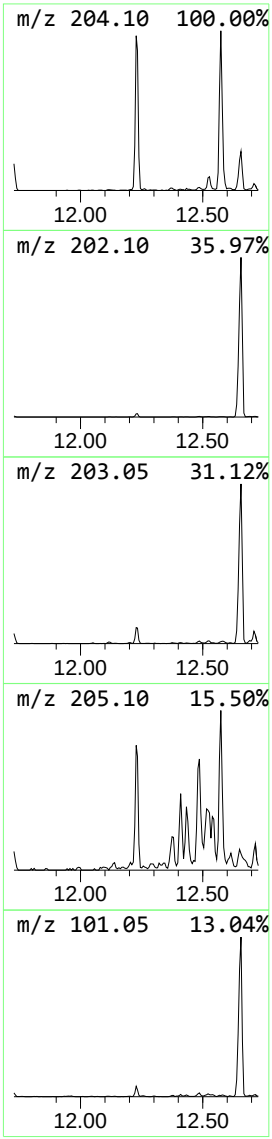
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	3.25 ng	260662	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





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Sample : N1664-07
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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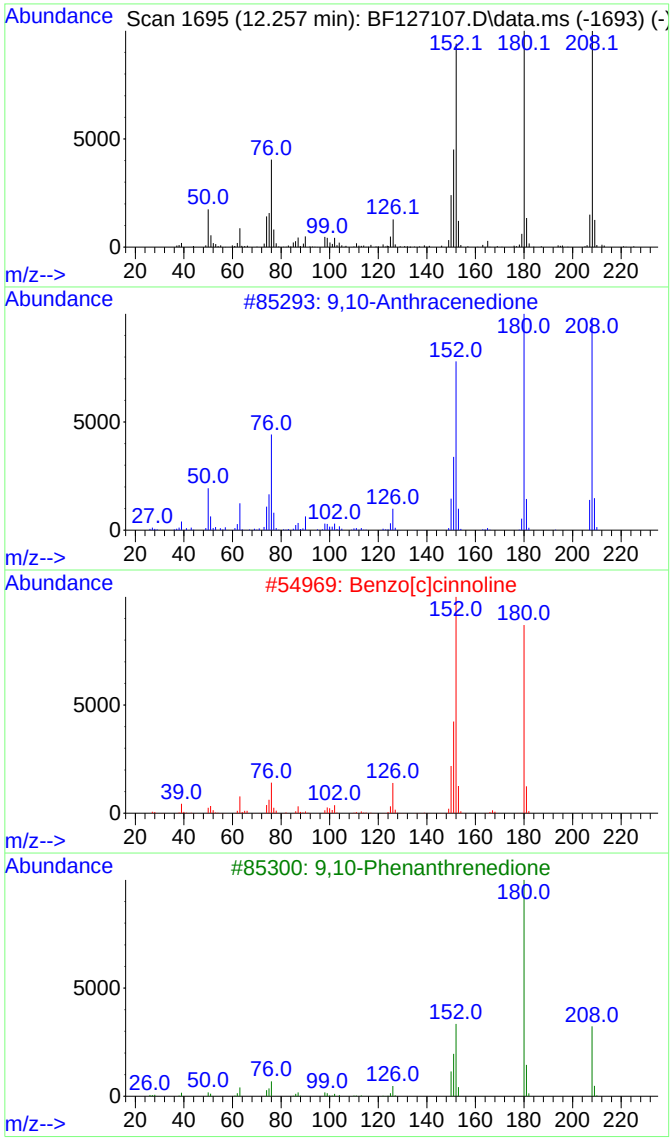
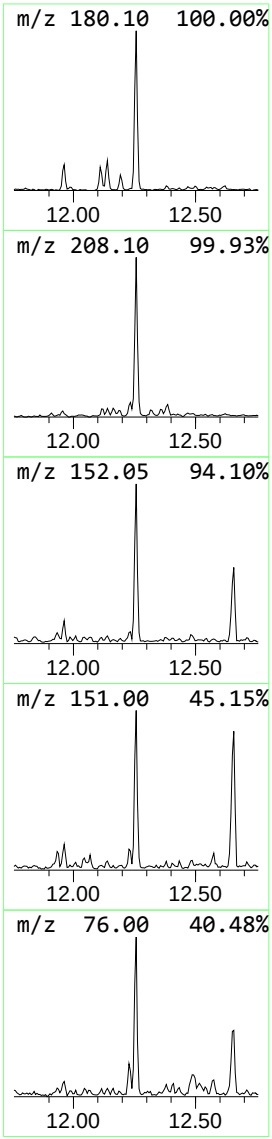
Peak Number 6 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	3.15 ng	252720	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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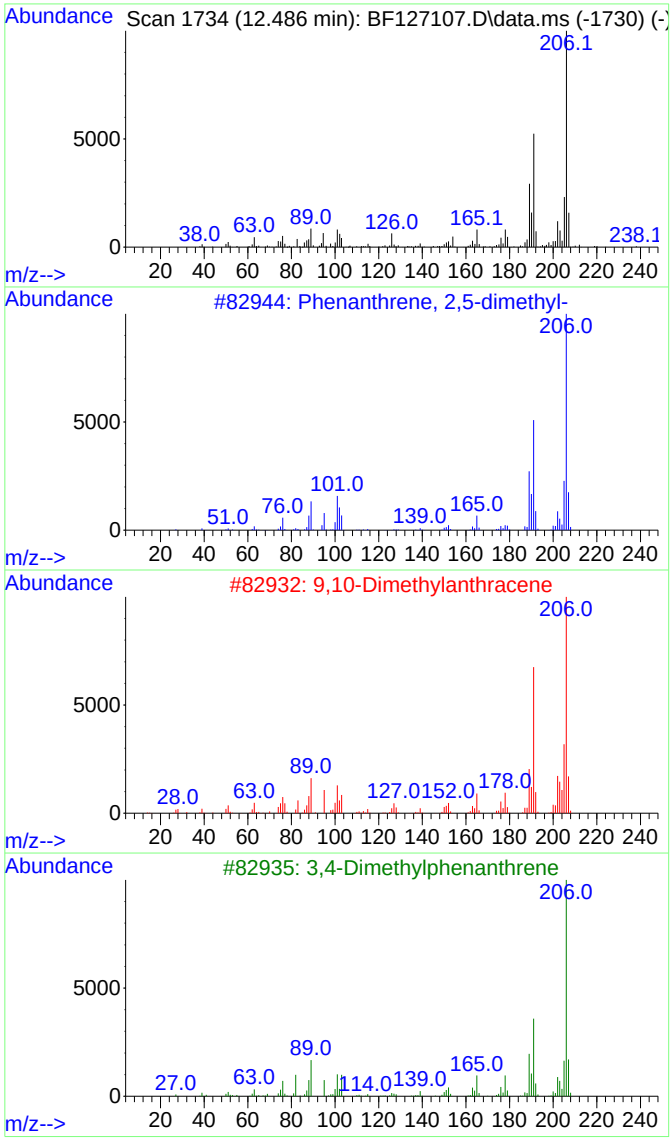
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

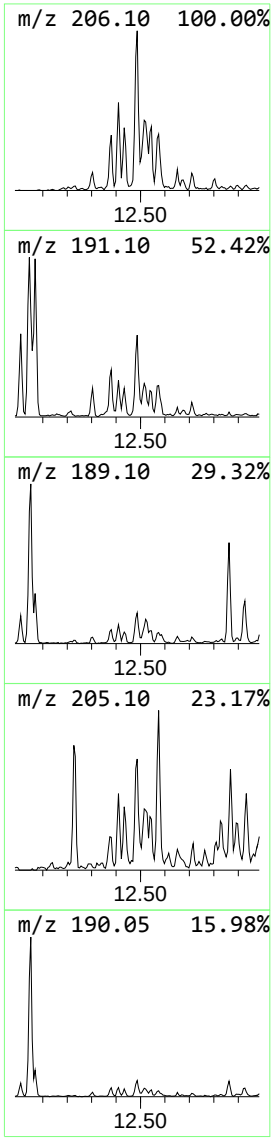
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	3.36 ng	269191	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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

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

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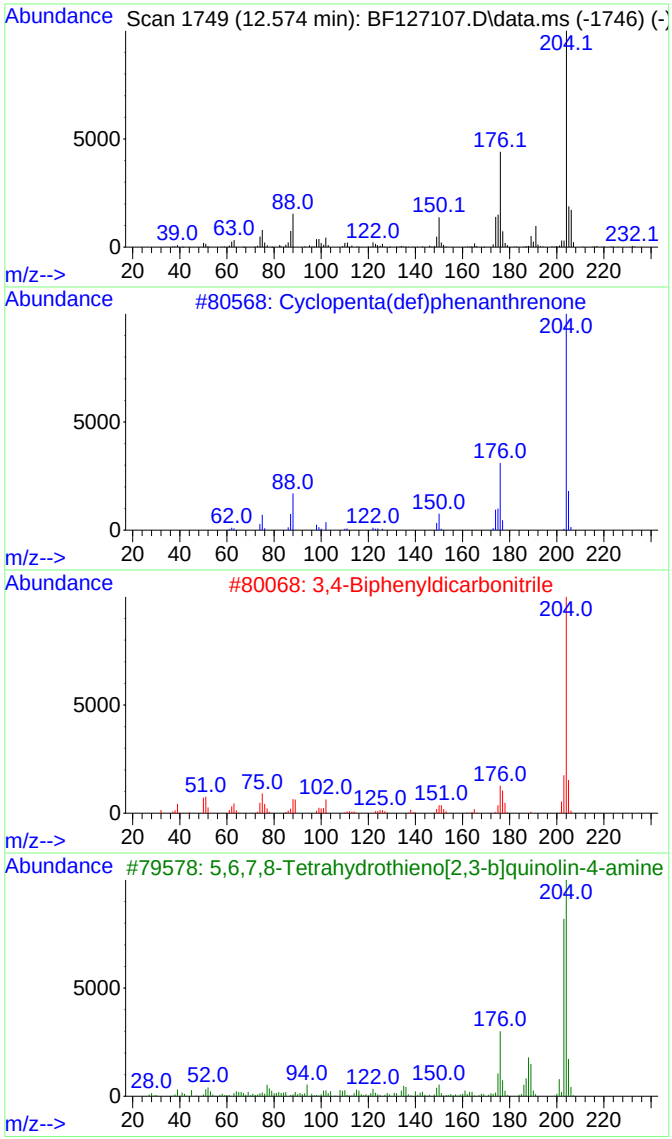
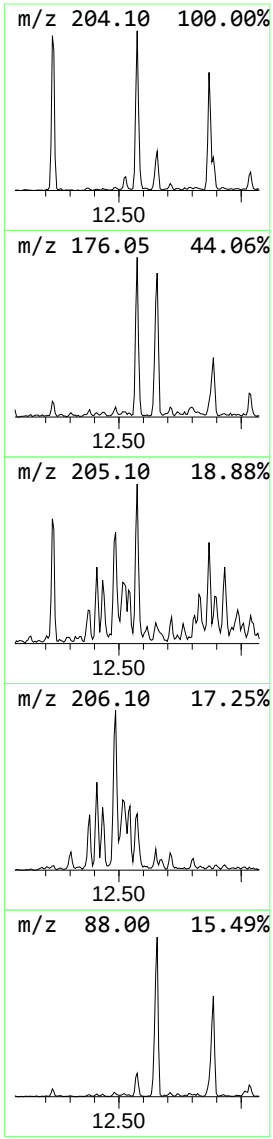
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	3.76 ng	300896	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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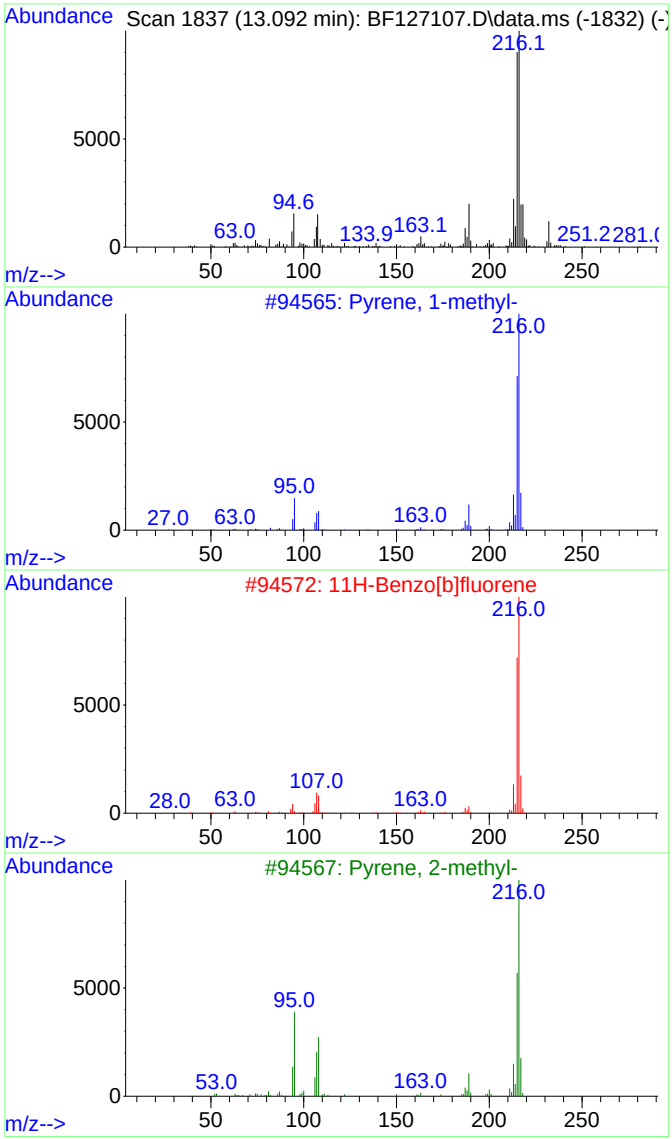
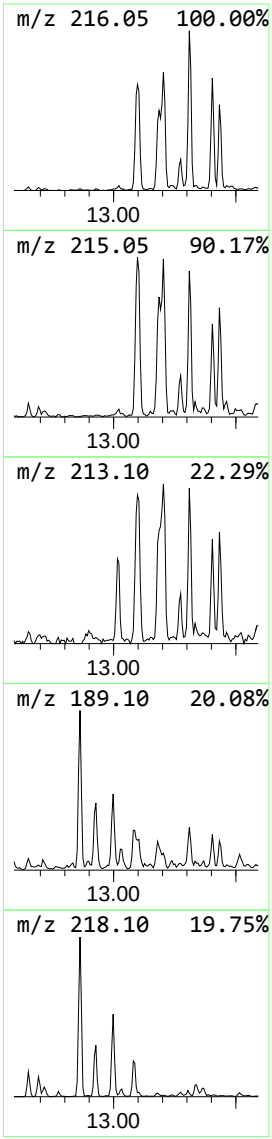
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.31 ng	358653	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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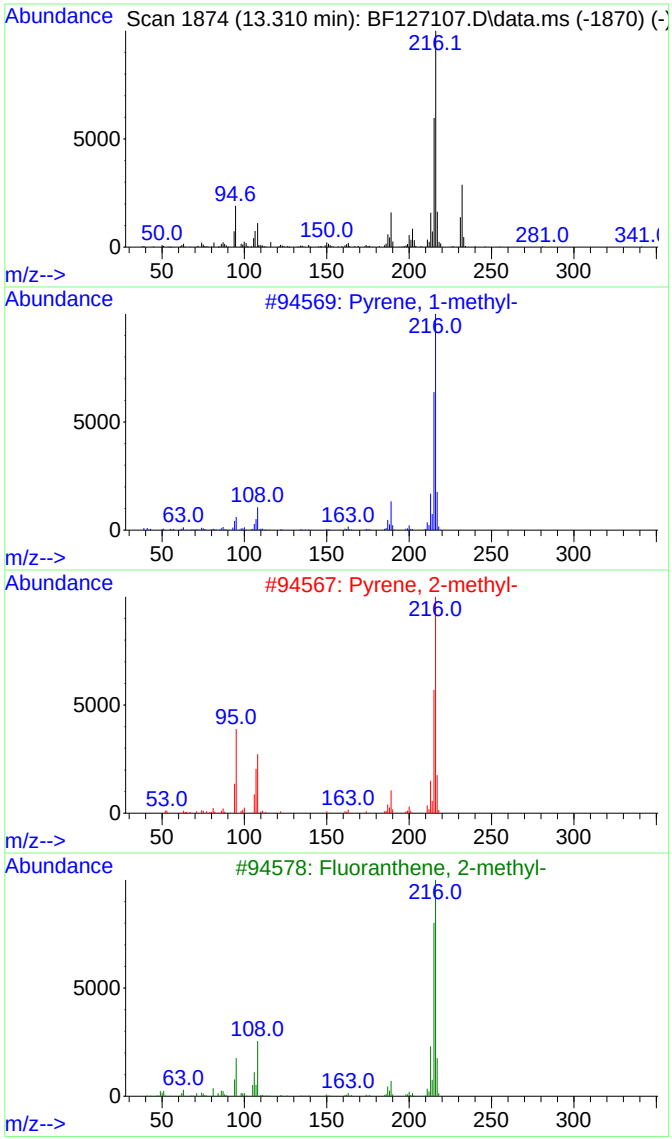
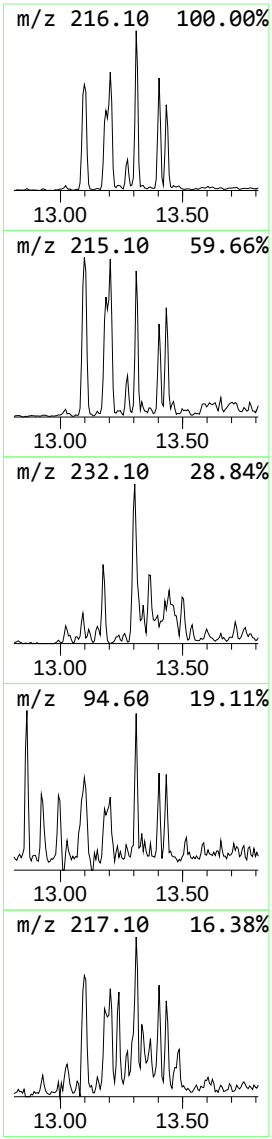
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.04 ng	315562	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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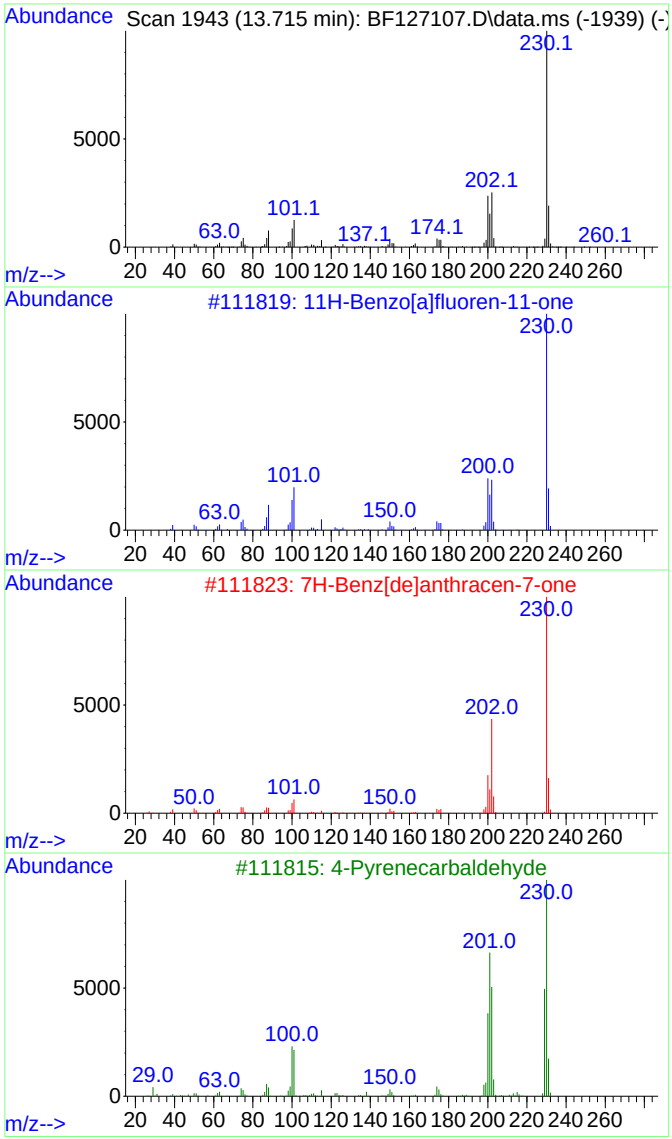
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

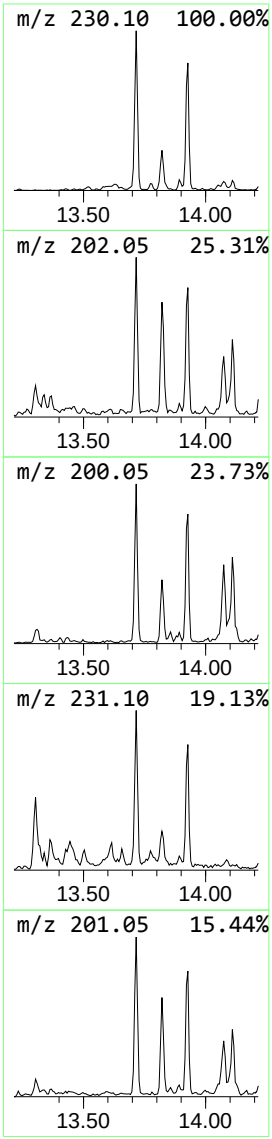
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.715	3.41 ng	529426	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	68





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ALS Vial : 19 Sample Multiplier: 2

Instrument :
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ClientSampleId :
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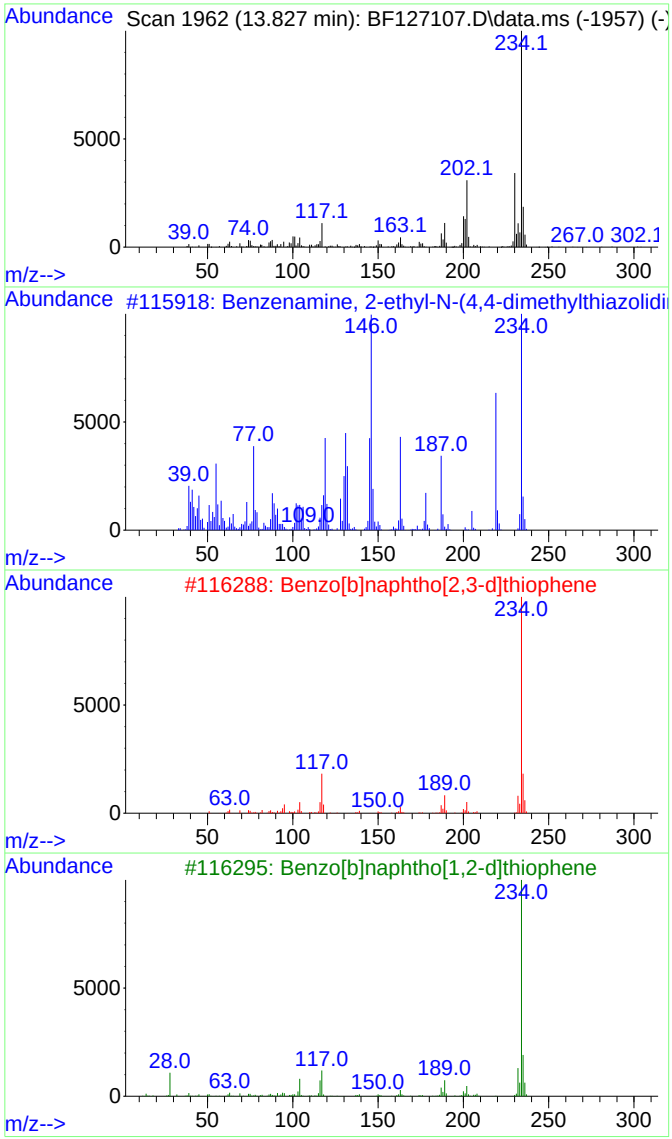
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

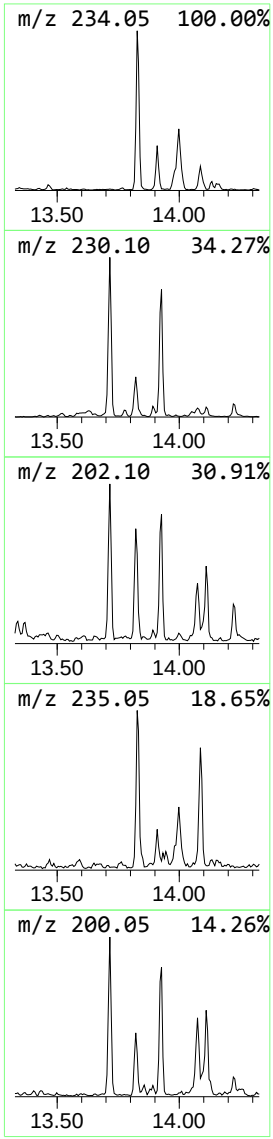
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenamine, 2-ethyl-N-(4,4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.91 ng	451883	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	87
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	47





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

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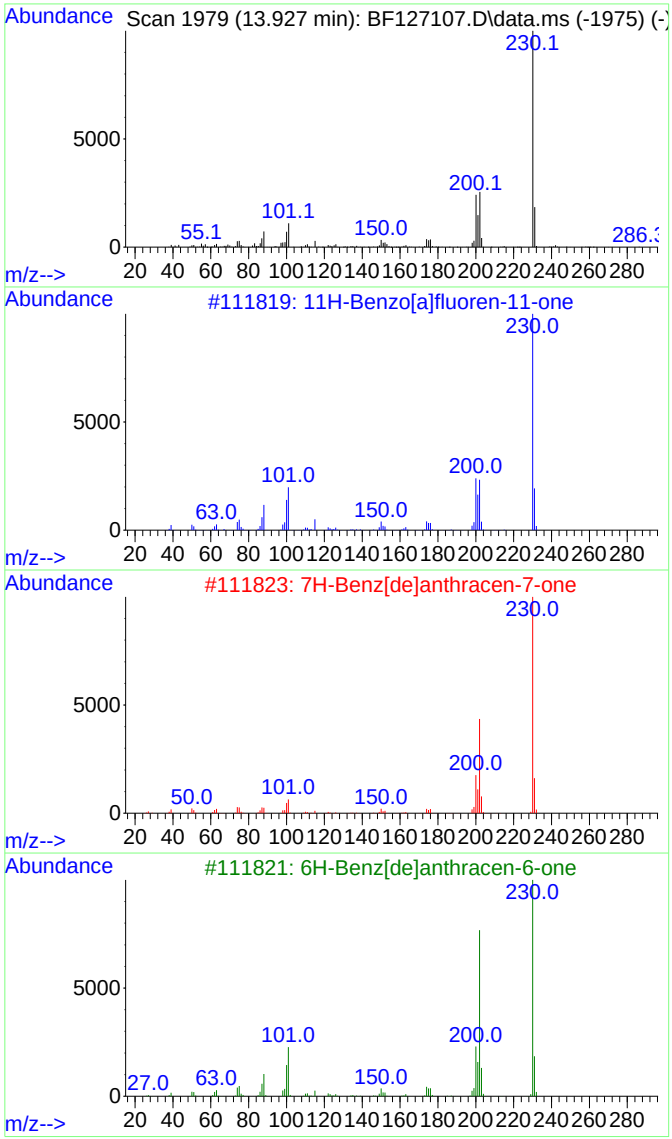
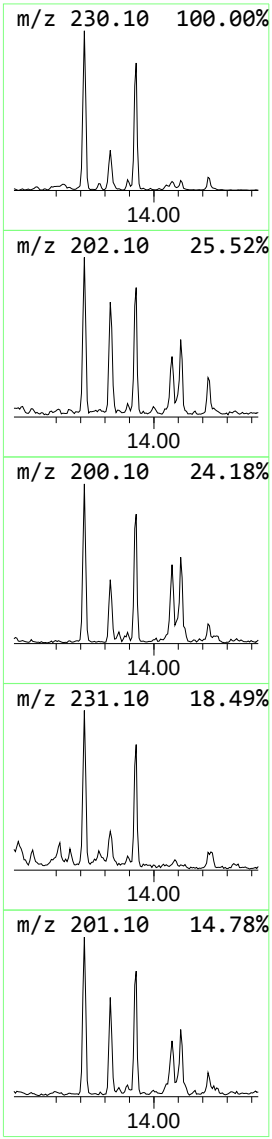
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	3.42 ng	529794	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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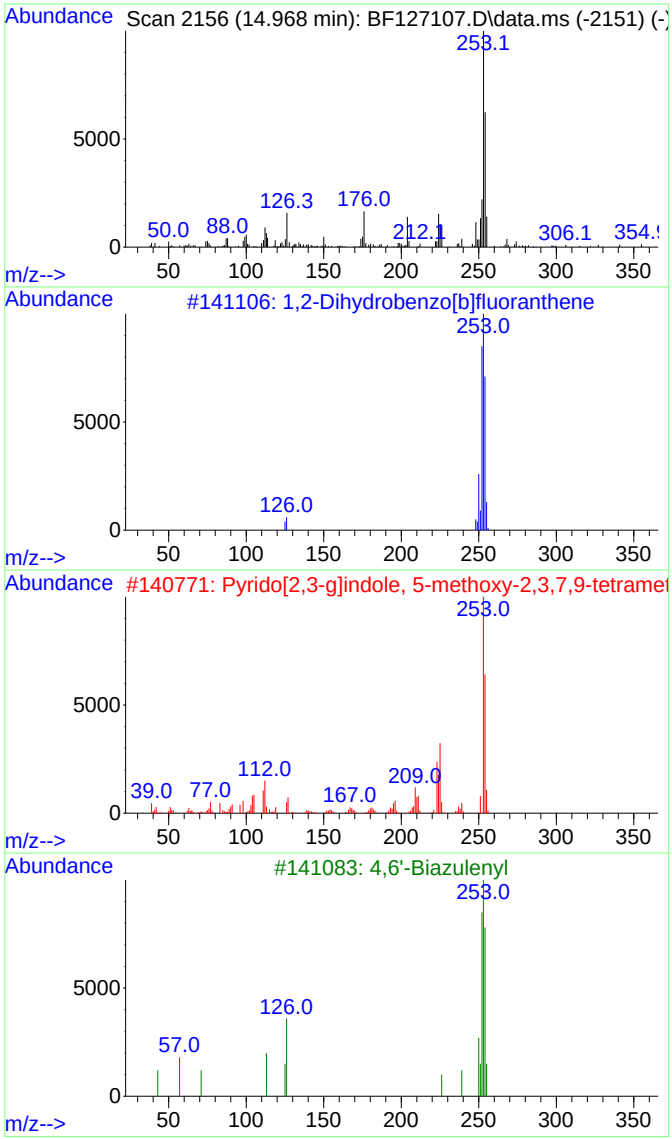
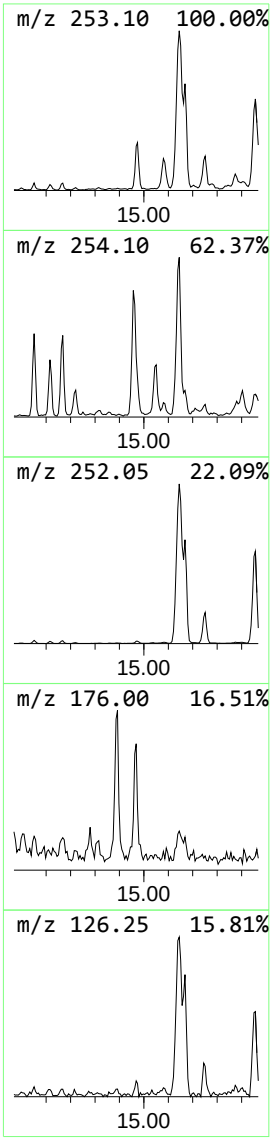
Peak Number 14 1,2-Dihydrobenzo[b]fluorant... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	4.97 ng	274515	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	59
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	53
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53
5	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	50





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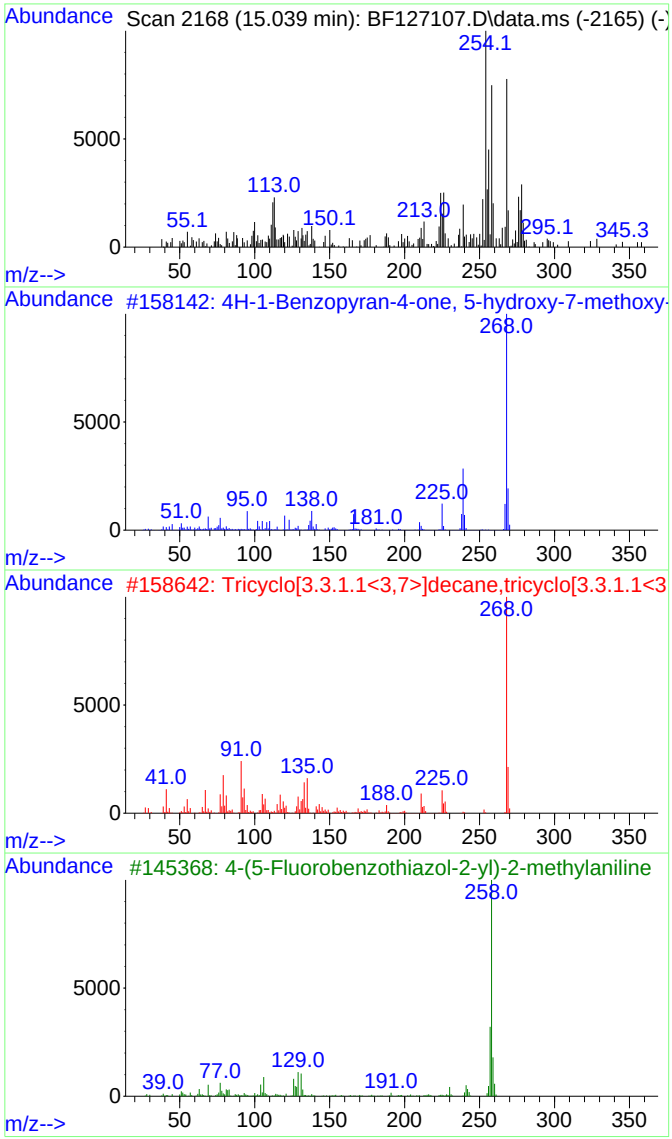
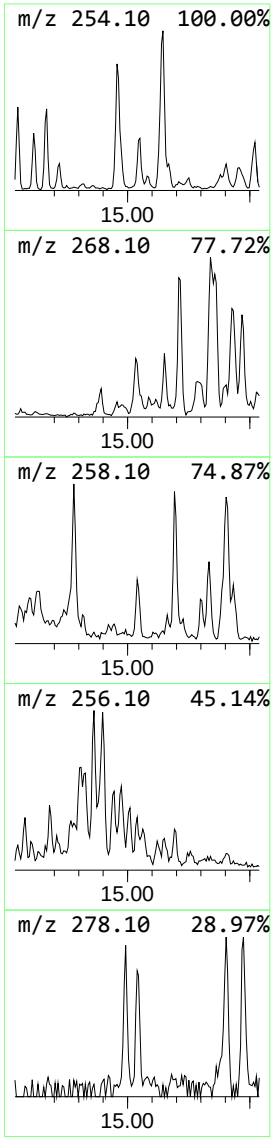
Peak Number 15 unknown15.039 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	2.09 ng	115336	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	42
2	Tricyclo[3.3.1.1<3,7>]decane,tri...	268	C20H28	030541-56-1	15
3	4-(5-Fluorobenzothiazol-2-yl)-2-...	258	C14H11FN2S	260443-89-8	15
4	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	15
5	2,2'-Dithiodibenzonitrile	268	C14H8N2S2	033174-74-2	11





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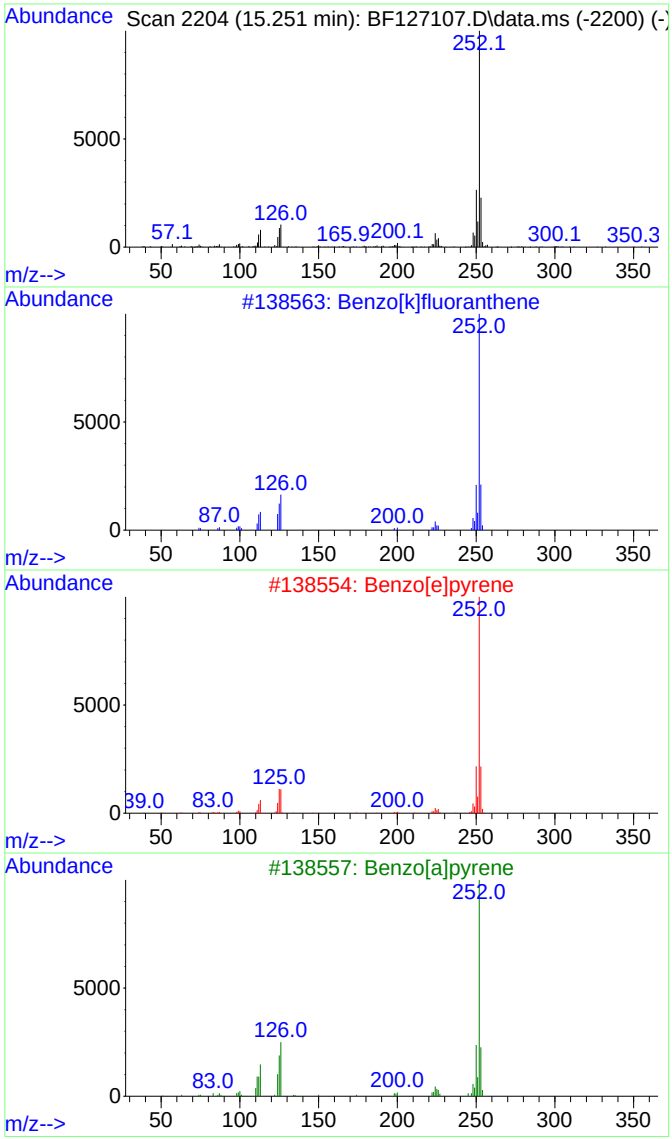
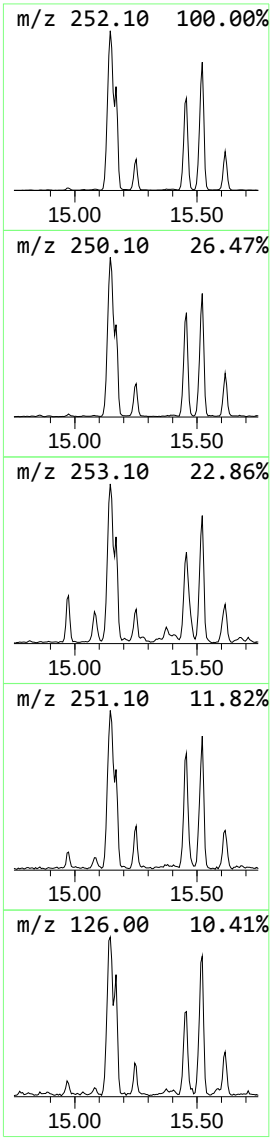
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	3.87 ng	213737	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





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Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

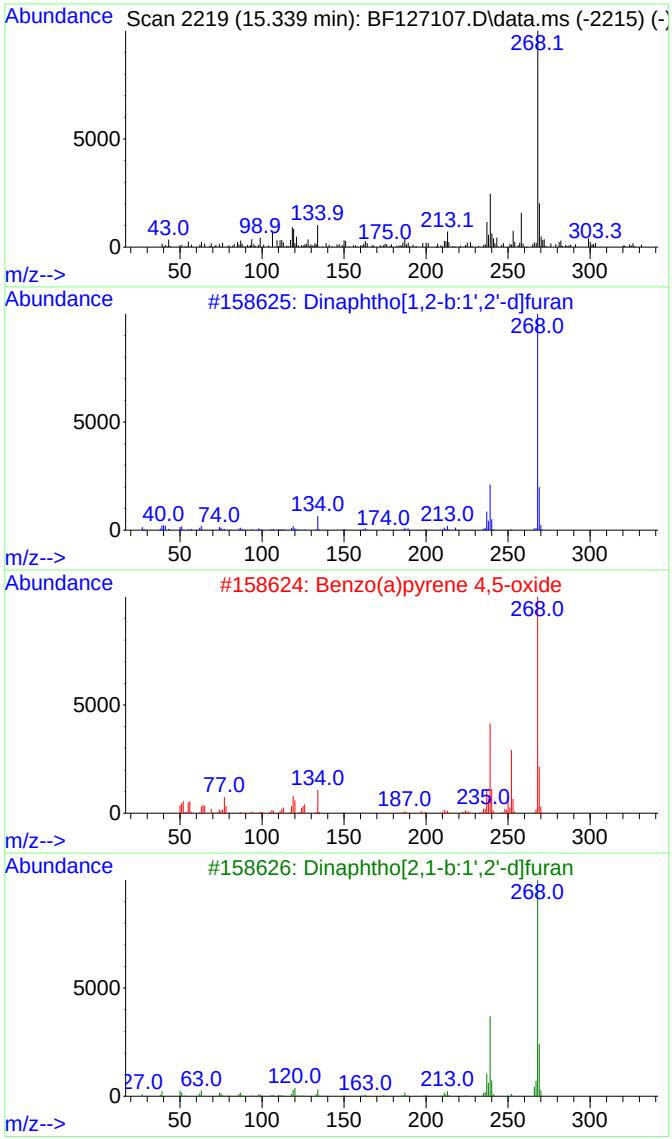
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

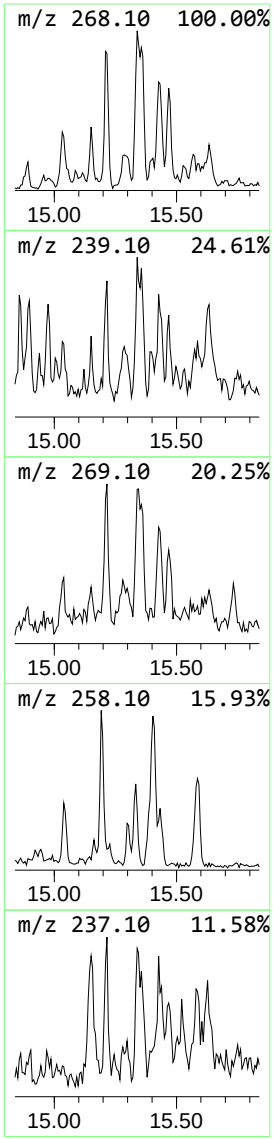
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	3.69 ng	203789	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	81
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59
5	3-Hydroxy-6-methoxyflavone	268	C16H12O4	093176-00-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127107.D
Acq On : 28 Feb 2022 18:42
Operator : CG\JU
Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

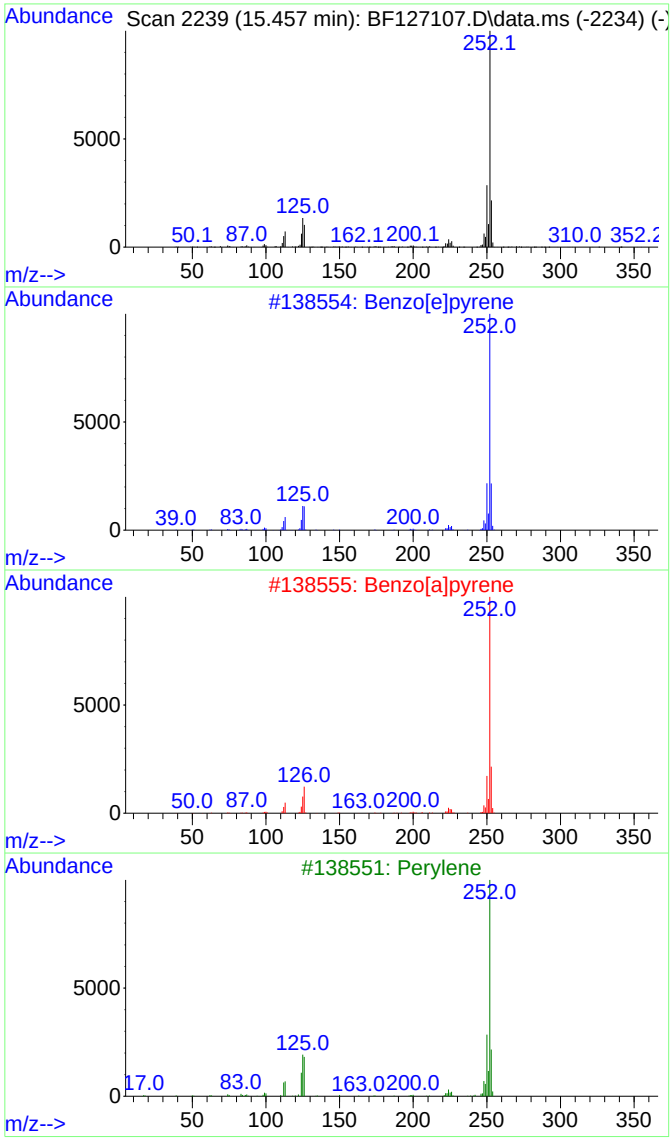
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

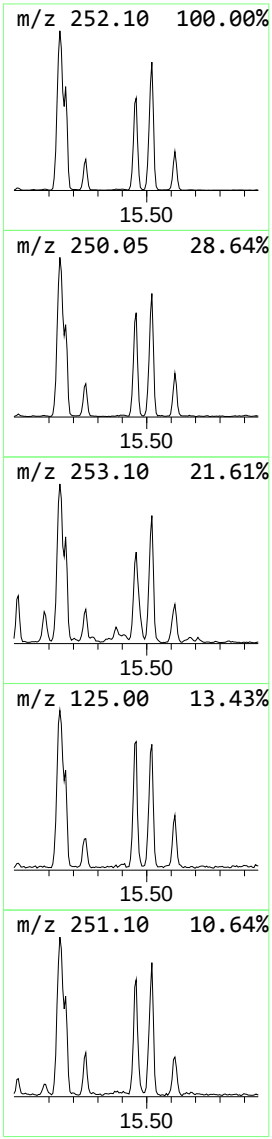
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	15.80 ng	871820	Perylene-d12	15.586

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127107.D
Acq On : 28 Feb 2022 18:42
Operator : CG\JU
Sample : N1664-07
Misc :
ALS Vial : 19 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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
9H-Fluoren-9-one	11.233	3.3	ng	264000	4	11.433	1602200	20.0
Phenanthrene, 2...	11.933	5.4	ng	435676	4	11.433	1602200	20.0
Phenanthrene, 1...	11.963	5.6	ng	448674	4	11.433	1602200	20.0
4H-Cyclopenta[d...	12.045	6.3	ng	503175	4	11.433	1602200	20.0
Naphthalene, 2-...	12.227	3.3	ng	260662	4	11.433	1602200	20.0
9,10-Anthracene...	12.257	3.1	ng	252720	4	11.433	1602200	20.0
Phenanthrene, 2...	12.486	3.4	ng	269191	4	11.433	1602200	20.0
Cyclopenta(def)...	12.574	3.8	ng	300896	4	11.433	1602200	20.0
Pyrene, 1-methyl-	13.092	2.3	ng	358653	5	14.086	3100950	20.0
Pyrene, 2-methyl-	13.310	2.0	ng	315562	5	14.086	3100950	20.0
11H-Benzo[a]flu...	13.715	3.4	ng	529426	5	14.086	3100950	20.0
Benzenamine, 2-...	13.827	2.9	ng	451883	5	14.086	3100950	20.0
7H-Benz[de]anth...	13.927	3.4	ng	529794	5	14.086	3100950	20.0
1,2-Dihydrobenz...	14.968	5.0	ng	274515	6	15.586	1103750	20.0
unknown15.039	15.039	2.1	ng	115336	6	15.586	1103750	20.0
Benzo[e]pyrene	15.251	3.9	ng	213737	6	15.586	1103750	20.0
Dinaphtho[1,2-b...	15.339	3.7	ng	203789	6	15.586	1103750	20.0
Perylene	15.457	15.8	ng	871820	6	15.586	1103750	20.0