LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129892.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.816	255	260	268	rVB	36087	52851	2.71%	0.165%
2	5.004	459	462	475	rVB	103324	126449	6.49%	0.396%
3	5.428	531	534	553	rVV	1899827	1899083	97.50%	5.945%
4	6.445	703	707	721	rBV	2052284	1851851	95.07%	5.797%
5	6.792	762	766	772	rBV	696100	614750	31.56%	1.924%
6	7.357	858	862	868	rBV	1455532	1181216	60.64%	3.698%
7	7.828	936	942	945	rBV2	22862	29989	1.54%	0.094%
8	8.075	980	984	987	rBV	861015	775404	39.81%	2.427%
9	9.145	1162	1166	1170	rBV	2325777	1947867	100.00%	6.098%
10	9.416	1207	1212	1215	rBV2	28771	31756	1.63%	0.099%
11	9.486	1221	1224	1227	rBV	44954	44087	2.26%	0.138%
12	9.516	1227	1229	1234	rVB3	20544	26875	1.38%	0.084%
13	9.604	1241	1244	1253	rVB	25937	34560	1.77%	0.108%
14	9.692	1255	1259	1263	rBV	132795	116127	5.96%	0.364%
15	9.828	1275	1282	1286	rBV	935029	763424	39.19%	2.390%
16	9.863	1286	1288	1291	rVB	40819	33077	1.70%	0.104%
17	10.033	1313	1317	1320	rVB2	31296	35513	1.82%	0.111%
18	10.069	1320	1323	1327	rVB	37262	30854	1.58%	0.097%
19	10.145	1332	1336	1339	rBV2	39409	51406	2.64%	0.161%
20	10.228	1346	1350	1351	rBV2	24922	26637	1.37%	0.083%
21	10.380	1373	1376	1382	rVB2	46364	58261	2.99%	0.182%
22	10.622	1414	1417	1421	rBV	1172038	996649	51.17%	3.120%
23	10.739	1431	1437	1439	rBV5	28833	50551	2.60%	0.158%
24	10.927	1460	1469	1472	rBV4	36923	65220	3.35%	0.204%
25	11.075	1492	1494	1498	rVV3	29533	35053	1.80%	0.110%
26	11.133	1501	1504	1507	rVV	42737	45706	2.35%	0.143%
27	11.169	1507	1510	1513	rVV3	28930	31220	1.60%	0.098%
28	11.216	1516	1518	1522	rVB	50491	45738	2.35%	0.143%
29	11.322	1532	1536	1538	rBV	751175	691707	35.51%	2.165%
30	11.345	1538	1540	1543	rVV	854766	656549	33.71%	2.055%
31	11.398	1545	1549	1552	rVV	143689	135464	6.95%	0.424%
32	11.433	1552	1555	1560	rVB3	21264	36887	1.89%	0.115%
33	11.563	1572	1577	1580	rBV2	74340	96689	4.96%	0.303%
34	11.651	1590	1592	1597	rVB2	48826	58279	2.99%	0.182%
35	11.698	1597	1600	1603	rBV	83910	74789	3.84%	0.234%
36	11.733	1603	1606	1611	rVB2	25620	36153	1.86%	0.113%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.822	1618	1621	1624	rBV	227567	205260	10.54%	0.643%
38	11.851	1624	1626	1631	rVB	277772	221563	11.37%	0.694%
39	11.898	1631	1634	1637	rBV	56387	51428	2.64%	0.161%
40	11.933	1637	1640	1642	rVV2	296982	296449	15.22%	0.928%
41	11.957	1642	1644	1649	rVB	193330	156793	8.05%	0.491%
42	12.004	1649	1652	1655	rBV3	30173	33149	1.70%	0.104%
43	12.116	1668	1671	1674	rVV	123264	121038	6.21%	0.379%
44	12.157	1675	1678	1681	rVB2	131216	123470	6.34%	0.387%
45	12.263	1695	1696	1699	rVV	52225	47106	2.42%	0.147%
46	12.298	1699	1702	1704	rVV	79288	63602	3.27%	0.199%
47	12.322	1704	1706	1709	rVB2	53810	42487	2.18%	0.133%
48	12.374	1711	1715	1717	rBV	191394	195641	10.04%	0.612%
49	12.410	1717	1721	1723	rVV4	100496	133210	6.84%	0.417%
50	12.433	1723	1725	1727	rVB	54537	40466	2.08%	0.127%
51	12.469	1727	1731	1734	rBV3	117026	146447	7.52%	0.458%
52	12.539	1739	1743	1746	rBV	1658975	1408464	72.31%	4.409%
53	12.574	1746	1749	1751	rVV2	33596	28899	1.48%	0.090%
54	12.598	1751	1753	1756	rVB	52044	48600	2.50%	0.152%
55	12.633	1756	1759	1762	rBV	52810	46094	2.37%	0.144%
56	12.686	1764	1768	1771	rVV2	77136	91799	4.71%	0.287%
57	12.769	1775	1782	1788	rBV	1709879	1632763	83.82%	5.111%
58	12.816	1788	1790	1794	rVB2	97106	103983	5.34%	0.326%
59	12.904	1798	1805	1808	rBV	1991533	1651247	84.77%	5.169%
60	12.927	1808	1809	1813	rVB	69938	59295	3.04%	0.186%
61	12.986	1814	1819	1824	rBV3	126056	223752	11.49%	0.700%
62	13.039	1824	1828	1830	rVB2	35634	40969	2.10%	0.128%
63	13.092	1830	1837	1841	rBV	195817	365152	18.75%	1.143%
64	13.163	1847	1849	1852	rBV	113295	84456	4.34%	0.264%
65	13.204	1852	1856	1859	rBV2	173260	184993	9.50%	0.579%
66	13.292	1868	1871	1874	rBV	152497	122898	6.31%	0.385%
67	13.327	1874	1877	1880	rBV	130529	127132	6.53%	0.398%
68	13.580	1917	1920	1922	rBV3	38849	46444	2.38%	0.145%
69	13.610	1922	1925	1929	rVB	157535	153383	7.87%	0.480%
70	13.668	1932	1935	1938	rVB	38510	36020	1.85%	0.113%
71	13.721	1938	1944	1946	rBV	219183	267680	13.74%	0.838%
72	13.745	1946	1948	1950	rVB	134102	103736	5.33%	0.325%
73	13.768	1950	1952	1954	rBV	116700	117373	6.03%	0.367%
74	13.821	1959	1961	1964	rVB	173588	144198	7.40%	0.451%
75	13.886	1970	1972	1975	rBV	34756	32598	1.67%	0.102%
76	13.968	1981	1986	1989	rBV3	1035209	1601802	82.23%	5.014%

LSC Area Percent Report

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Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.998	1989	1991	1994	rVB	818424	646017	33.17%	2.022%
78	14.057	1997	2001	2007	rBV2	338990	436714	22.42%	1.367%
79	14.127	2010	2013	2018	rBV4	75857	114152	5.86%	0.357%
80	14.204	2024	2026	2028	rVB	68596	44696	2.29%	0.140%
81	14.292	2038	2041	2043	rVB2	40725	40579	2.08%	0.127%
82	14.321	2043	2046	2047	rBV2	79017	67074	3.44%	0.210%
83	14.357	2047	2052	2055	rVB2	241015	296251	15.21%	0.927%
84	14.392	2055	2058	2060	rBV	102891	85557	4.39%	0.268%
85	14.457	2067	2069	2071	rVB	55877	41990	2.16%	0.131%
86	14.486	2071	2074	2075	rVV	123651	116205	5.97%	0.364%
87	14.504	2075	2077	2080	rVB	96986	88348	4.54%	0.277%
88	14.710	2108	2112	2116	rVB	976217	960301	49.30%	3.006%
89	14.851	2133	2136	2139	rBV2	111784	122194	6.27%	0.383%
90	15.010	2159	2163	2174	rVV	795912	1523264	78.20%	4.768%
91	15.115	2178	2181	2185	rBV	143682	159569	8.19%	0.500%
92	15.204	2193	2196	2201	rBV3	41718	81020	4.16%	0.254%
93	15.310	2210	2214	2220	rVB	525385	602918	30.95%	1.887%
94	15.374	2220	2225	2229	rVV	707915	837020	42.97%	2.620%
95	15.433	2231	2235	2238	rVV2	611411	739503	37.96%	2.315%
96	15.462	2238	2240	2247	rVB2	185507	253575	13.02%	0.794%
97	15.992	2327	2330	2334	rVB3	52670	73813	3.79%	0.231%
98	16.898	2478	2484	2492	rVB	319943	622550	31.96%	1.949%
99	17.068	2510	2513	2519	rVB2	46904	77252	3.97%	0.242%
100	17.345	2554	2560	2571	rVB	243135	523608	26.88%	1.639%

Sum of corrected areas: 31944700

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
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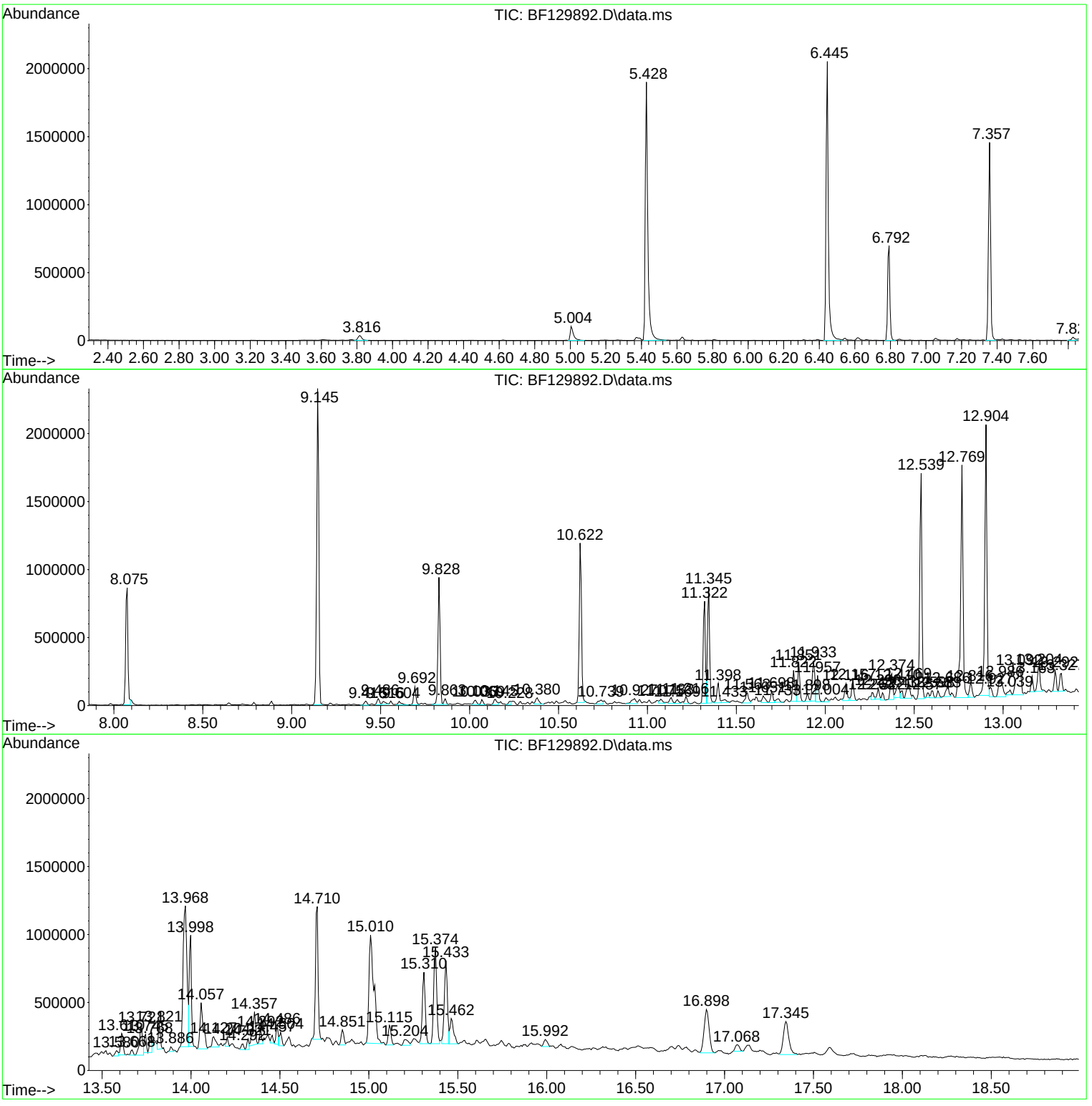
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
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Instrument :
BNA_F
ClientSampleId :
WC-1

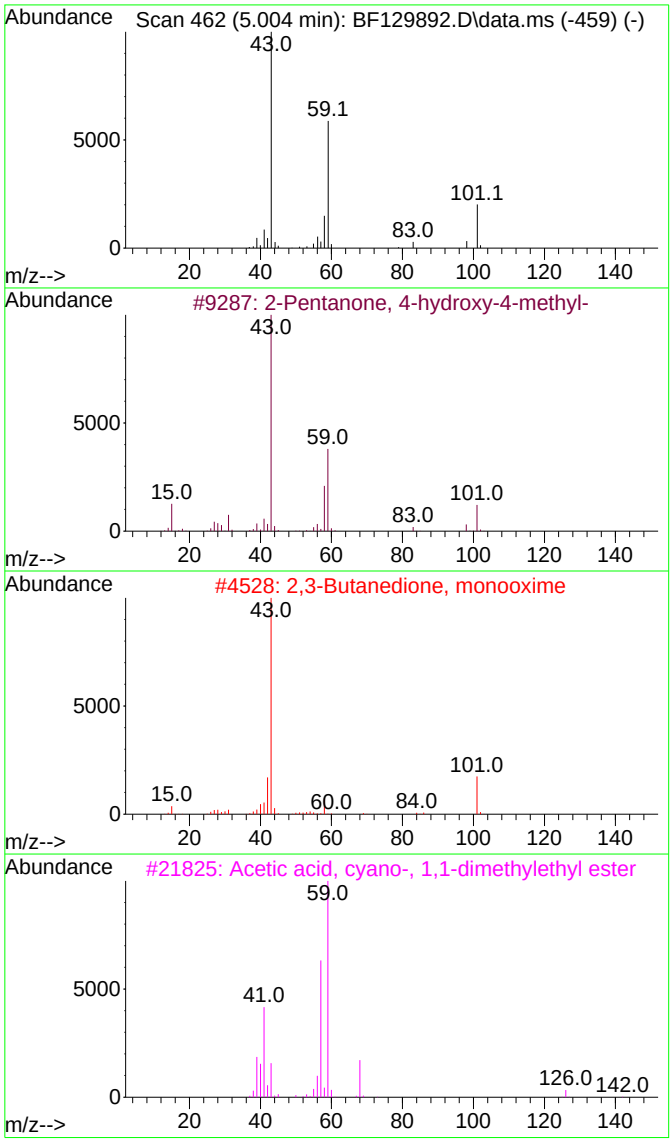
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

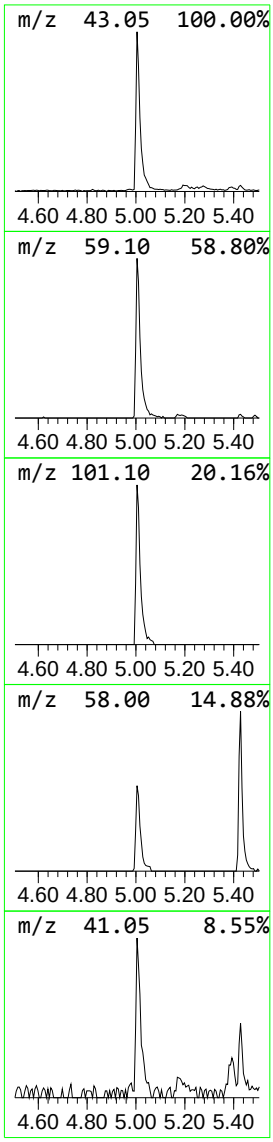
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	4.11 ng	126449	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

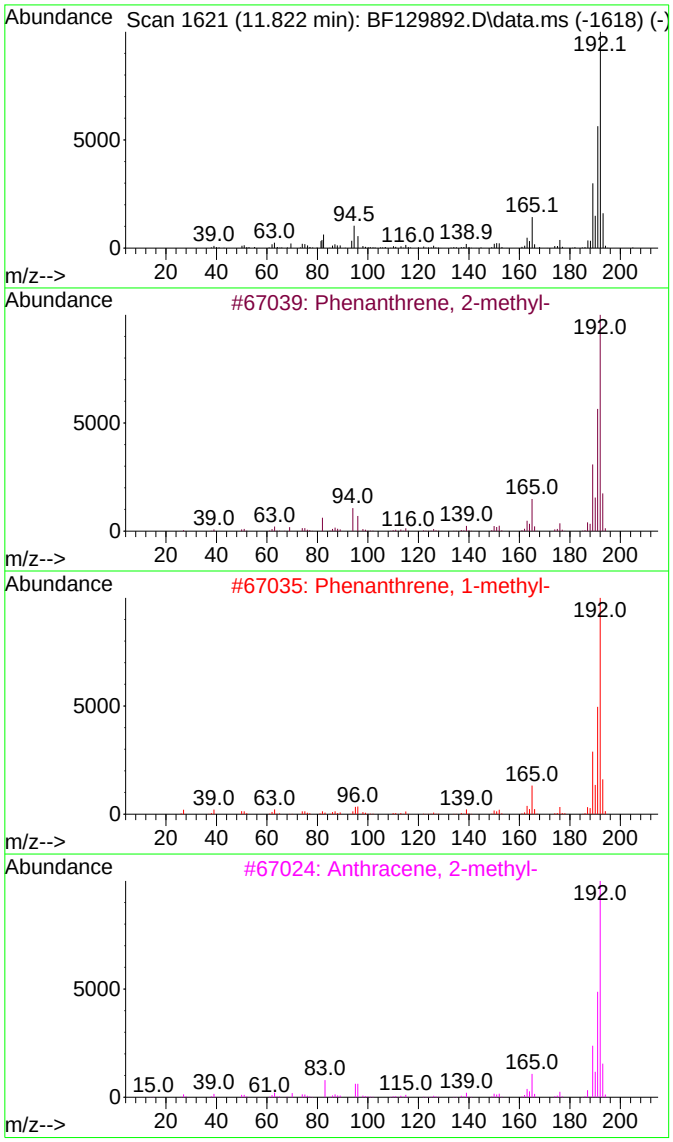
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

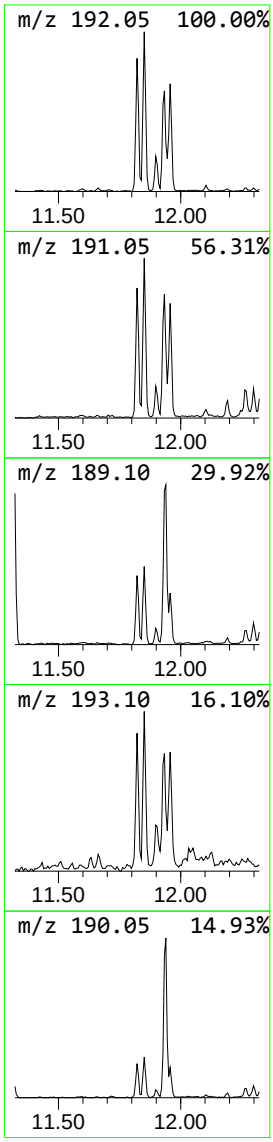
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	5.93 ng	205260	Phenanthrene-d10	11.322

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

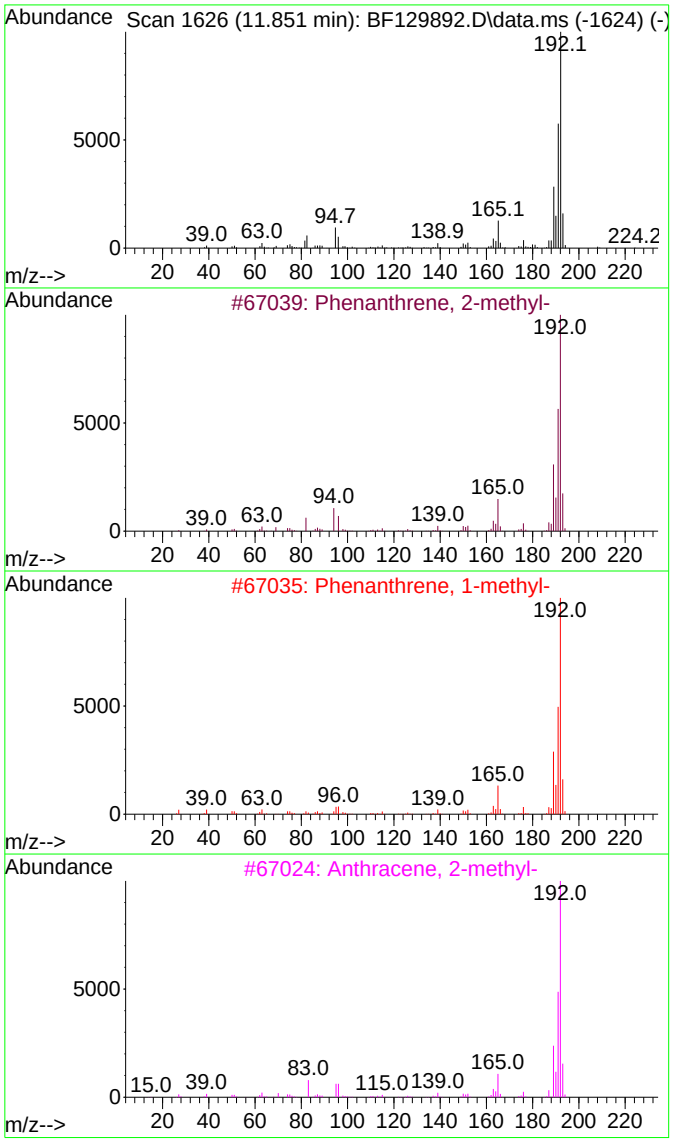
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

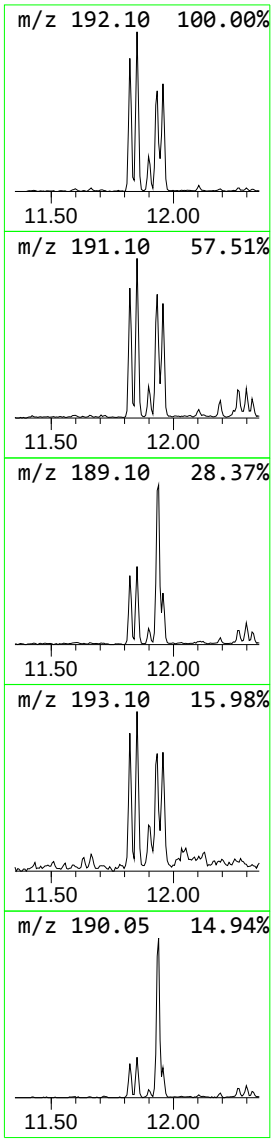
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.41 ng	221563	Phenanthrene-d10	11.322

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

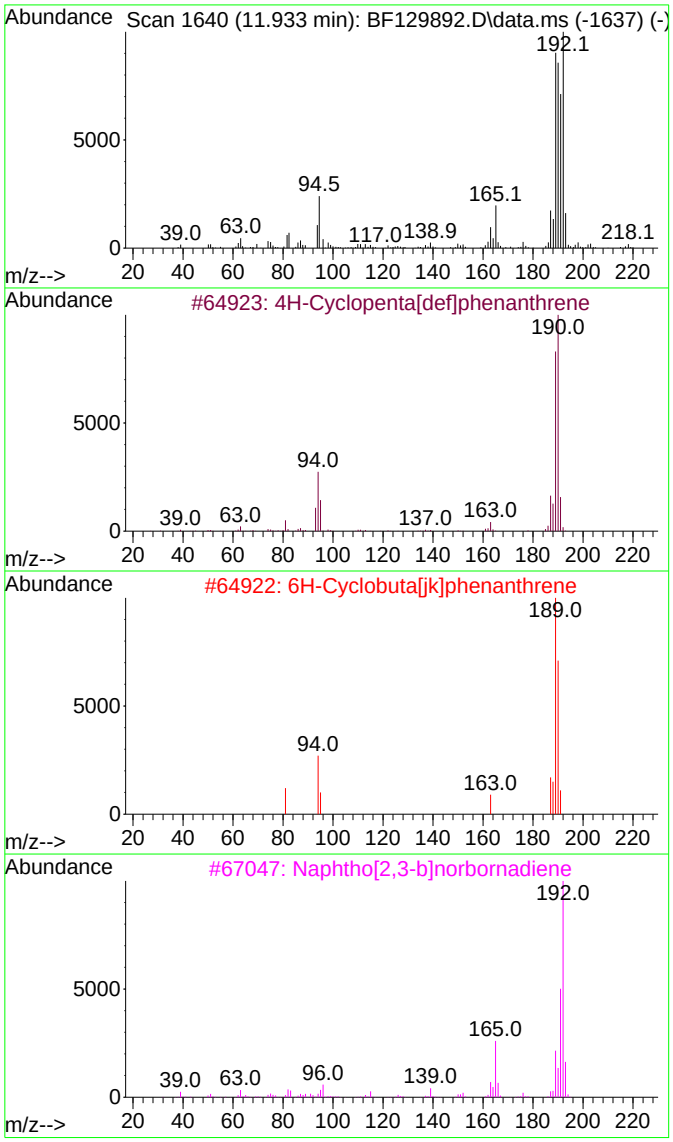
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

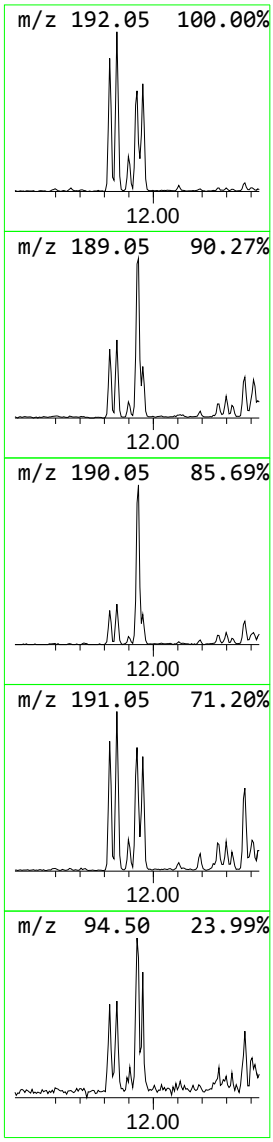
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	8.57 ng	296449	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

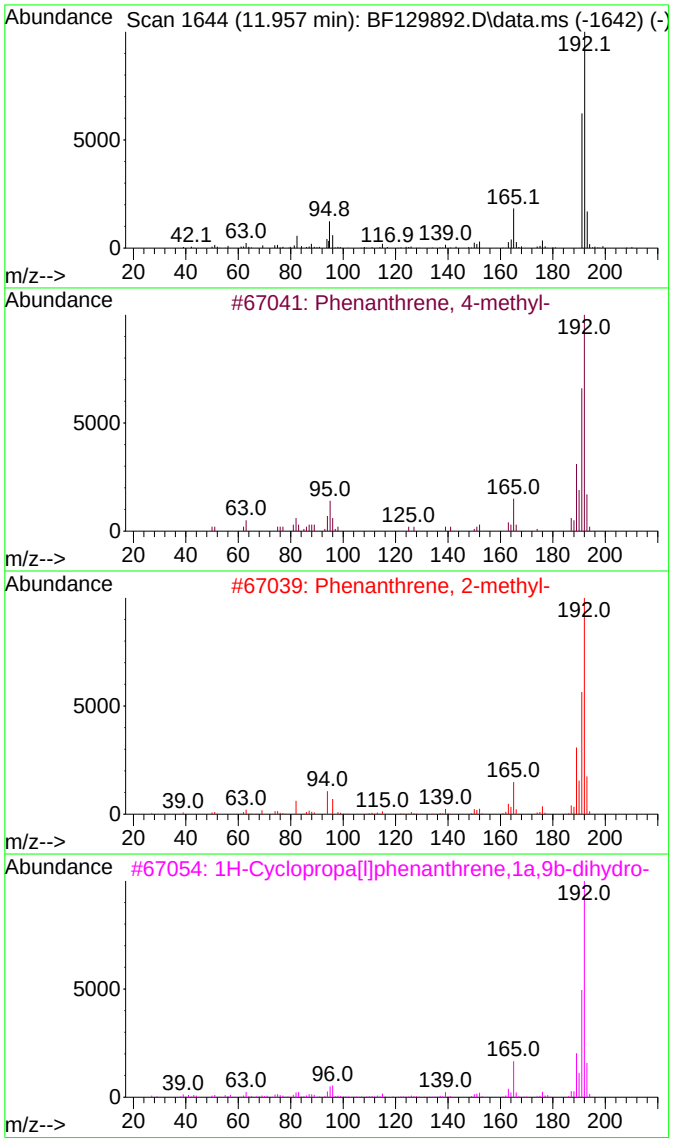
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

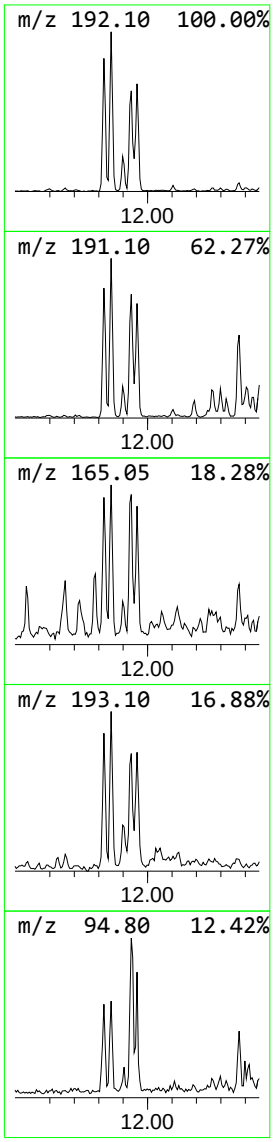
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.53 ng	156793	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : N4215-01
Misc :
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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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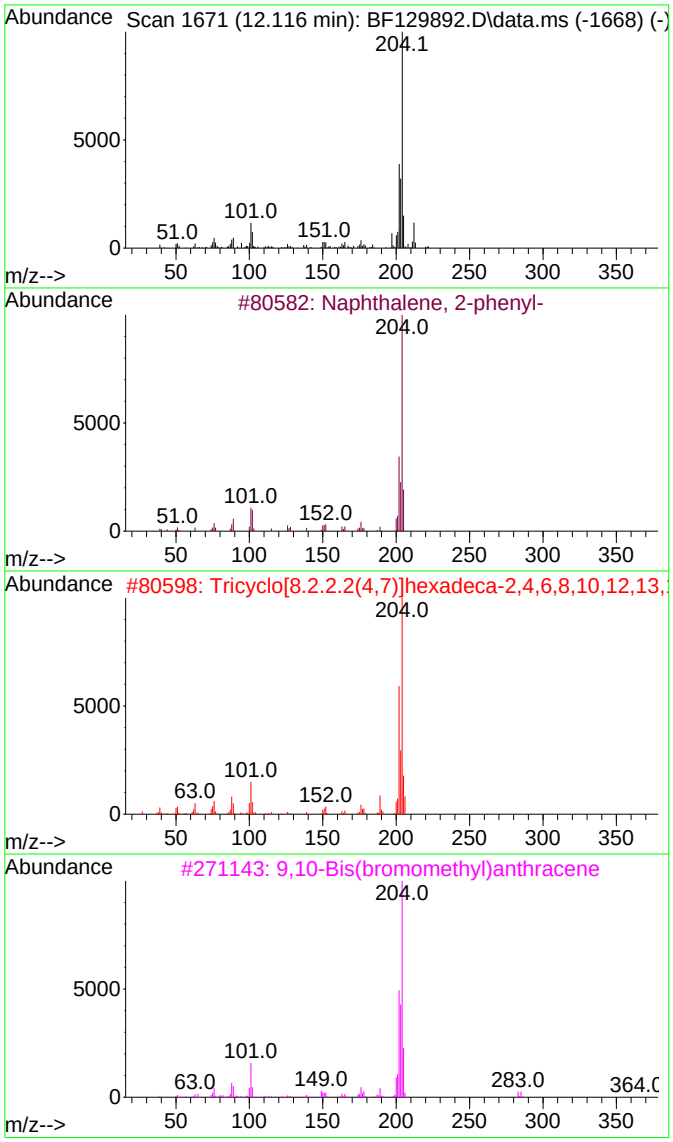
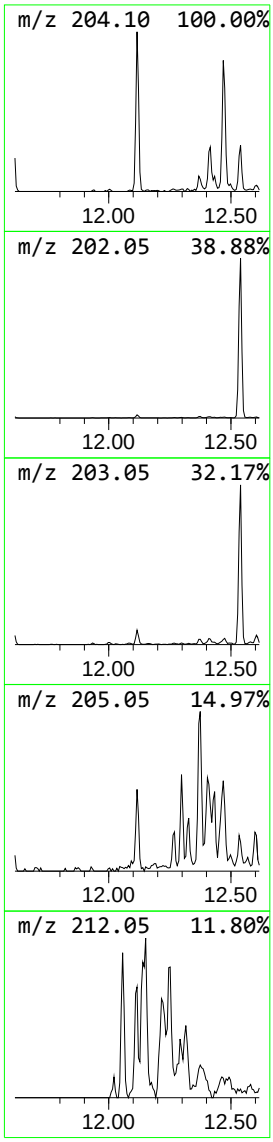
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	3.50 ng	121038	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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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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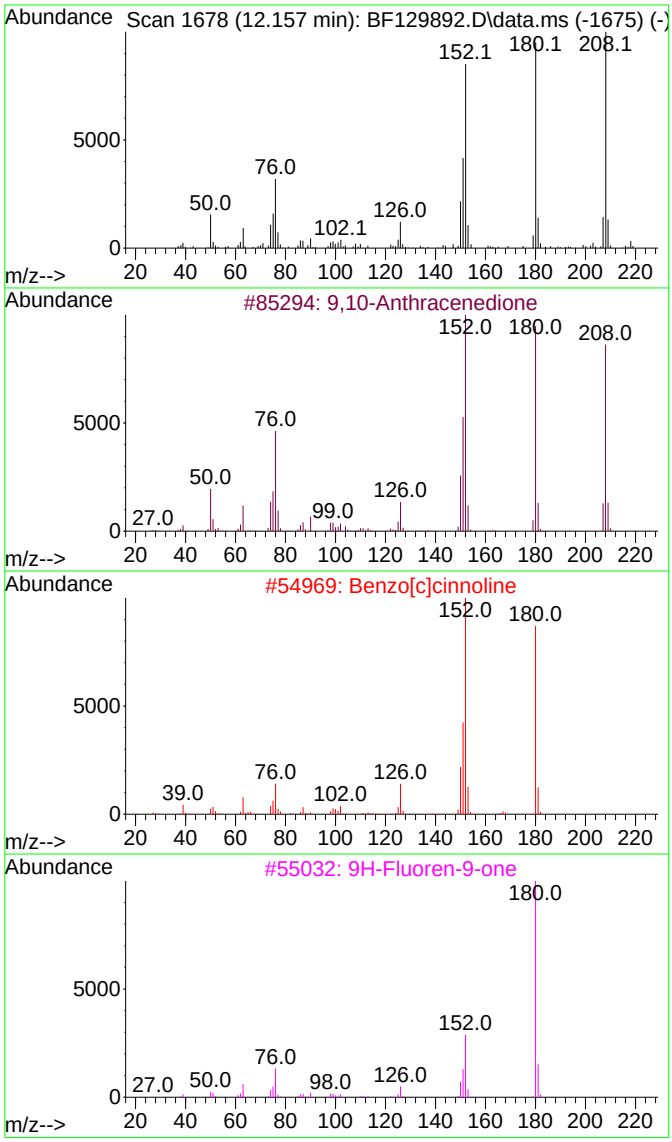
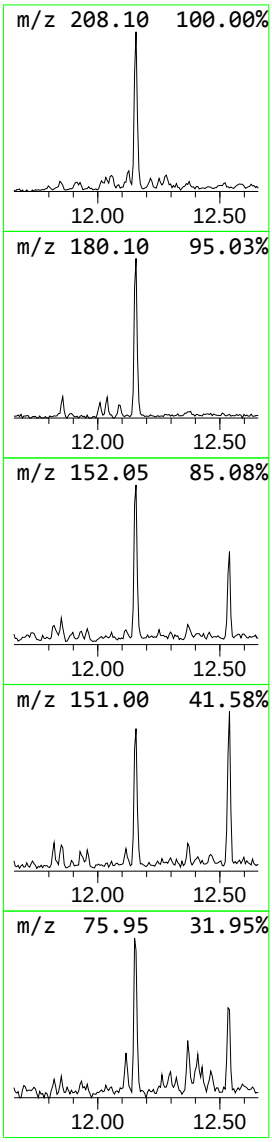
Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	3.57 ng	123470	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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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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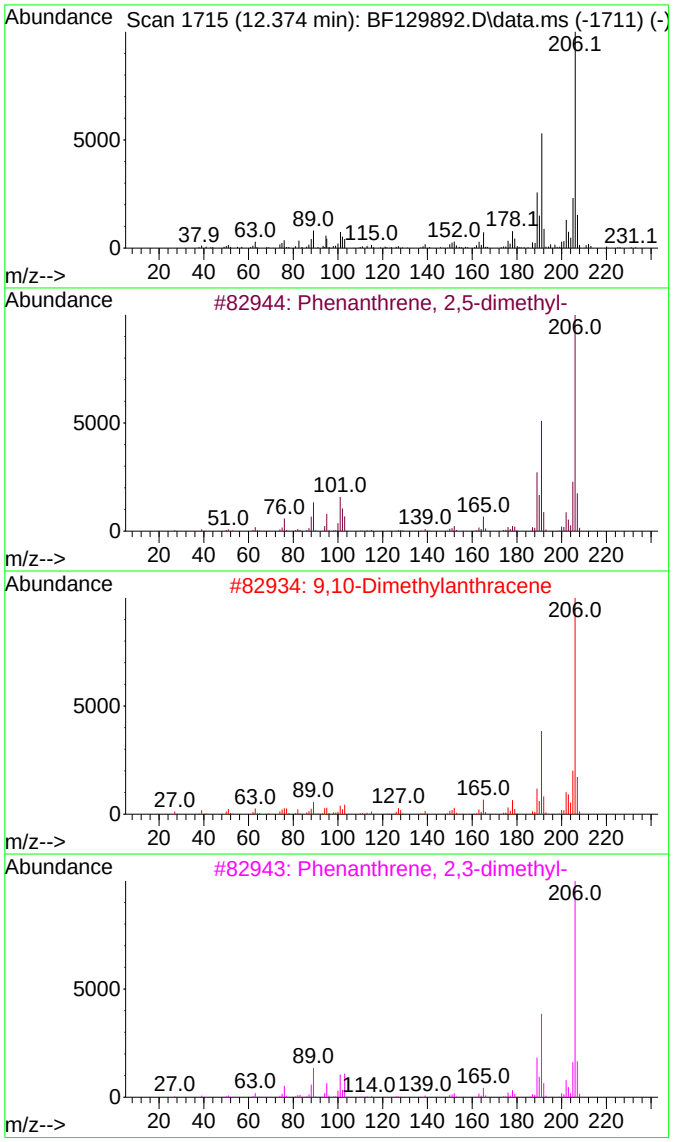
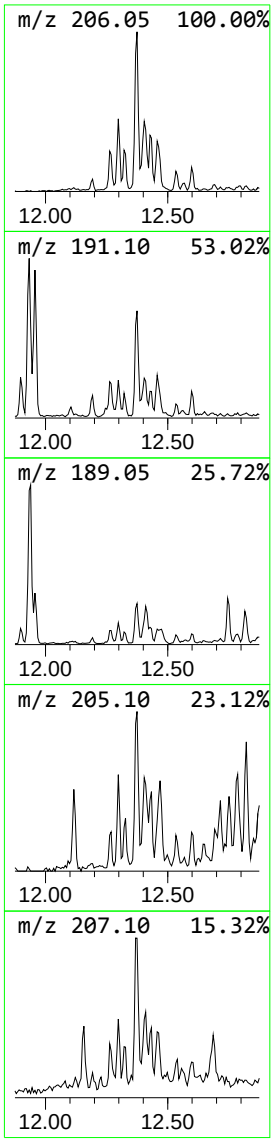
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	5.66 ng	195641	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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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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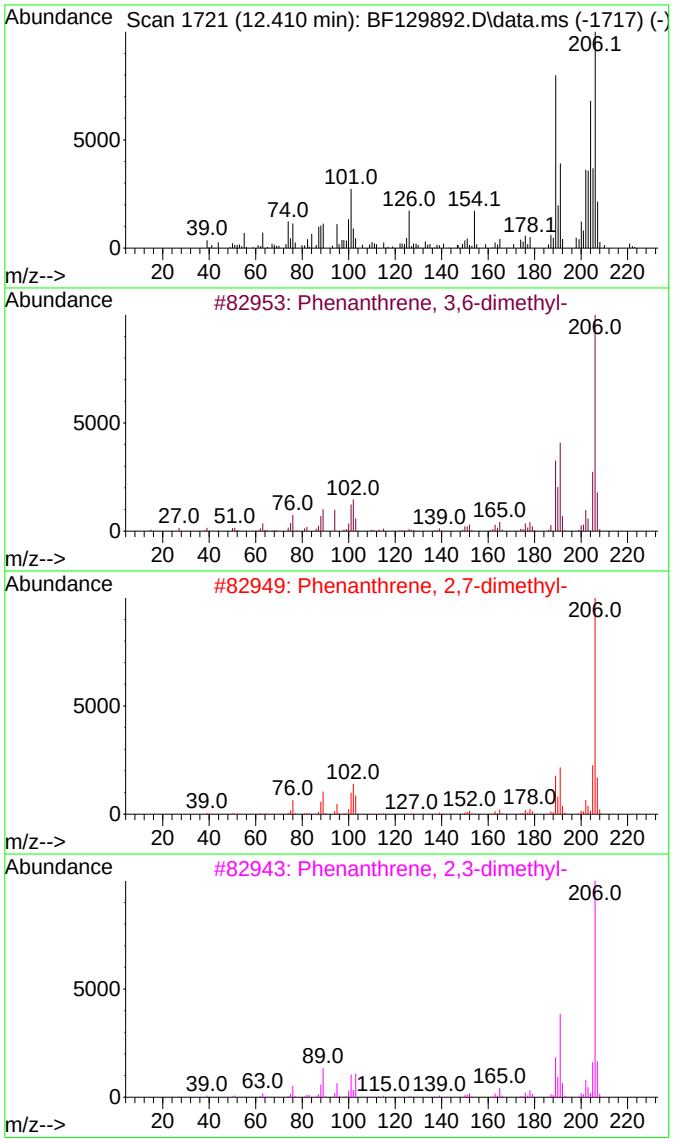
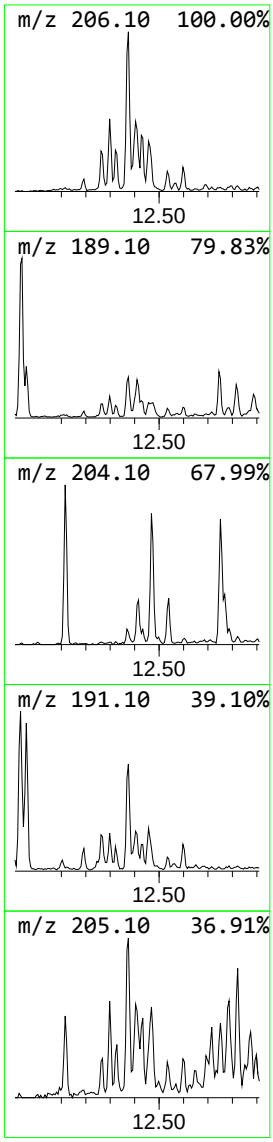
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.85 ng	133210	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	43
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43





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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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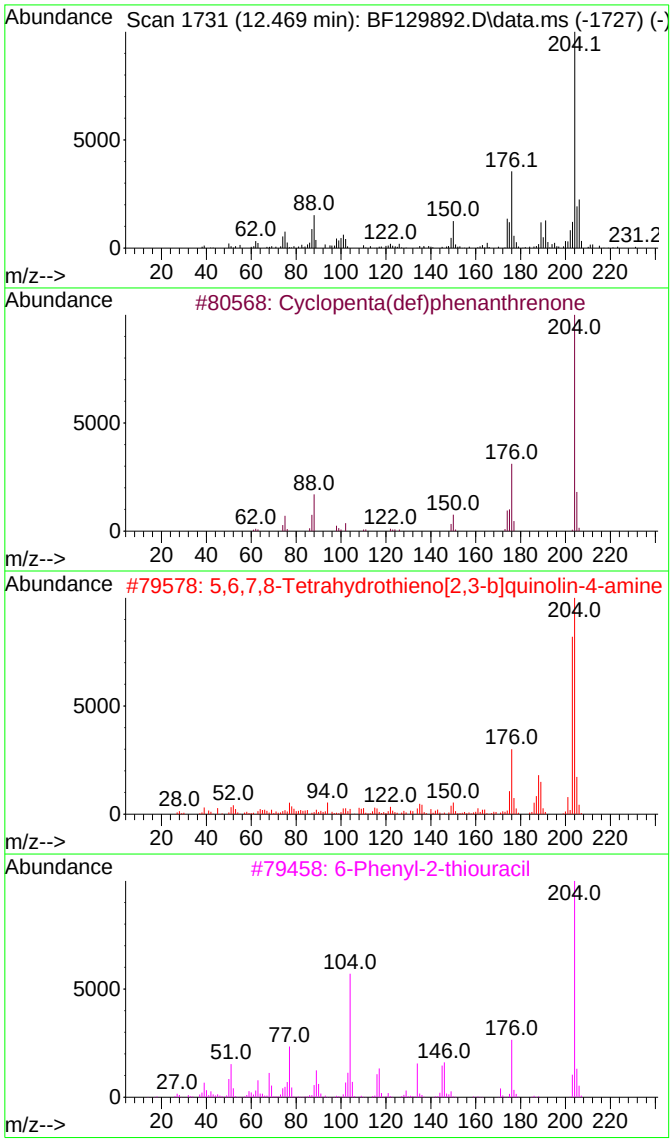
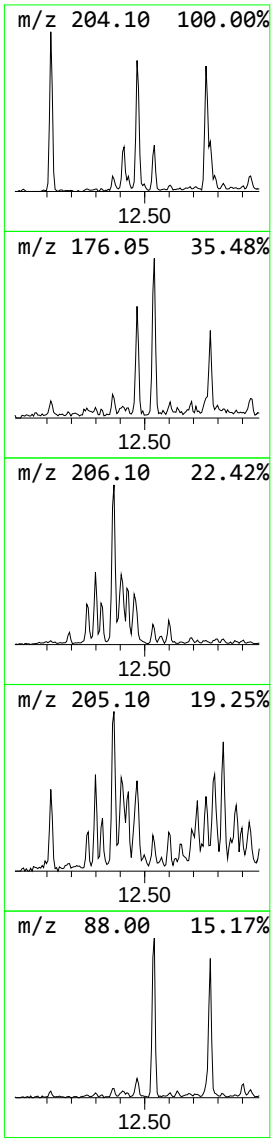
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.23 ng	146447	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47





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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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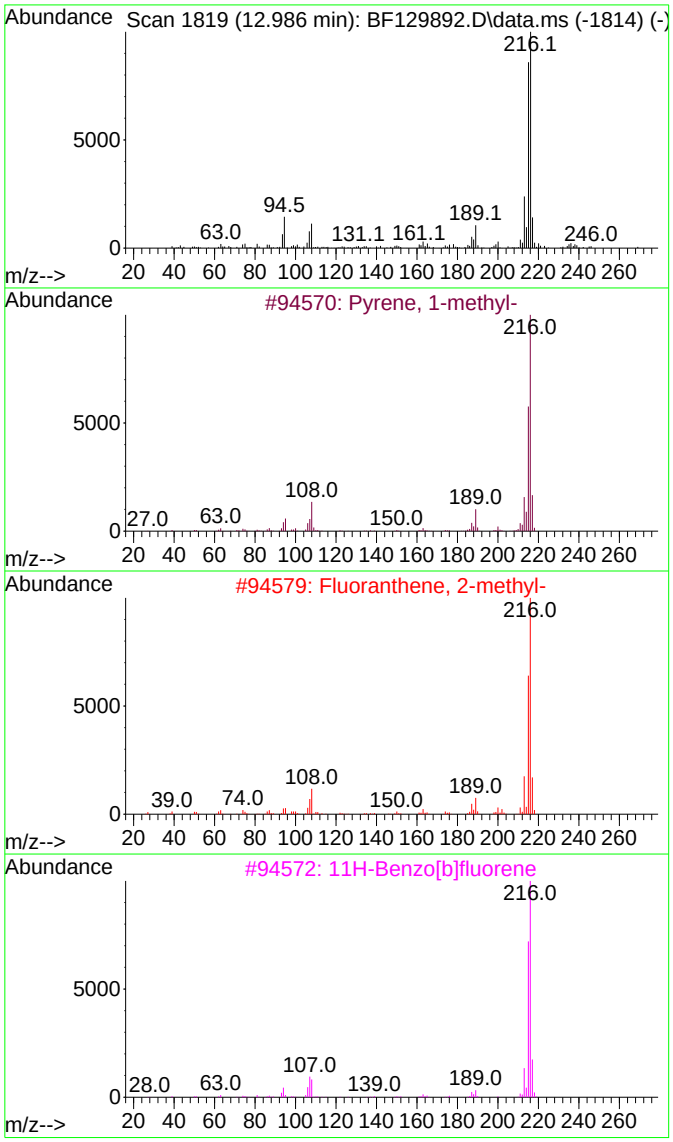
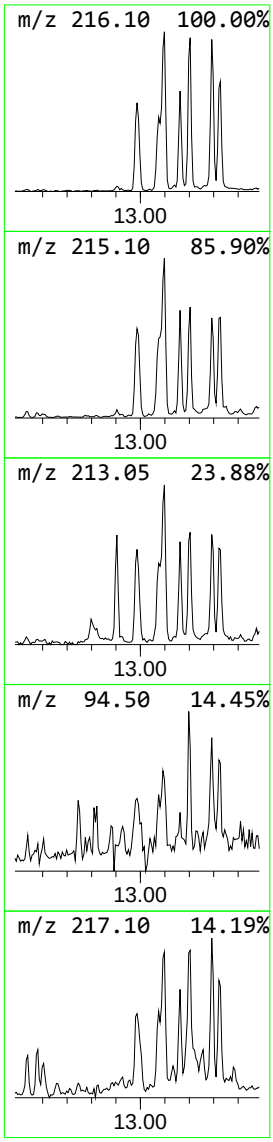
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.79 ng	223752	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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ALS Vial : 15 Sample Multiplier: 1

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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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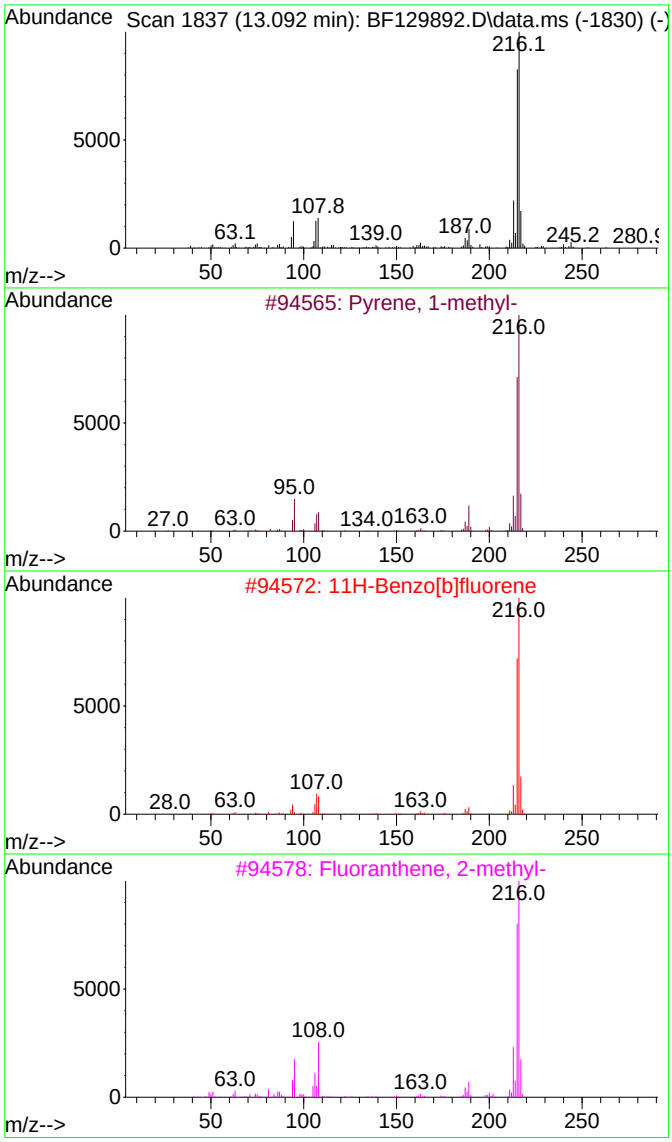
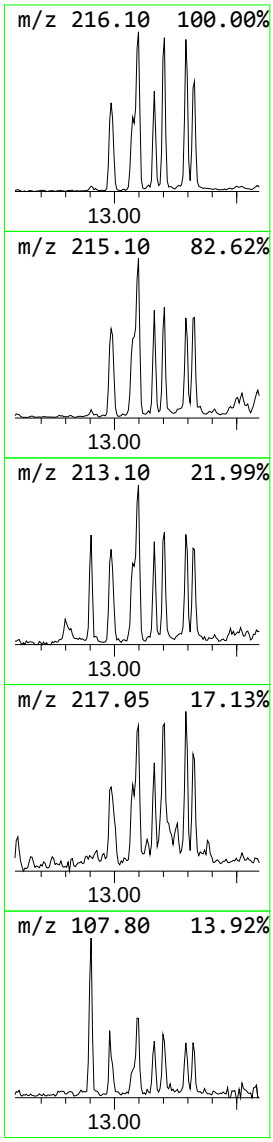
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	4.56 ng	365152	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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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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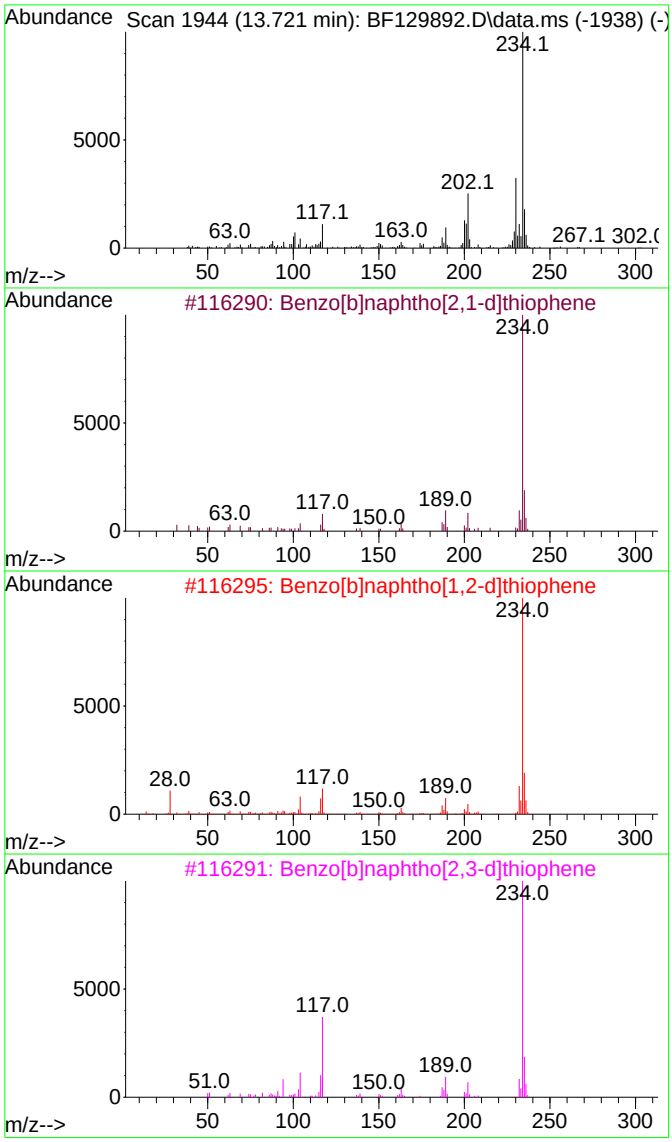
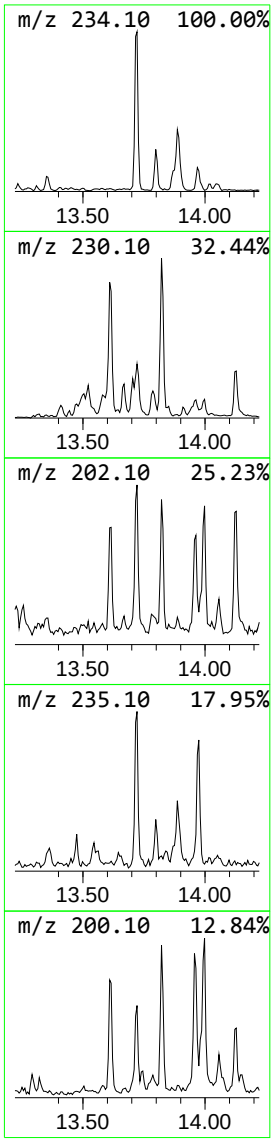
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	3.34 ng	267680	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	46
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43





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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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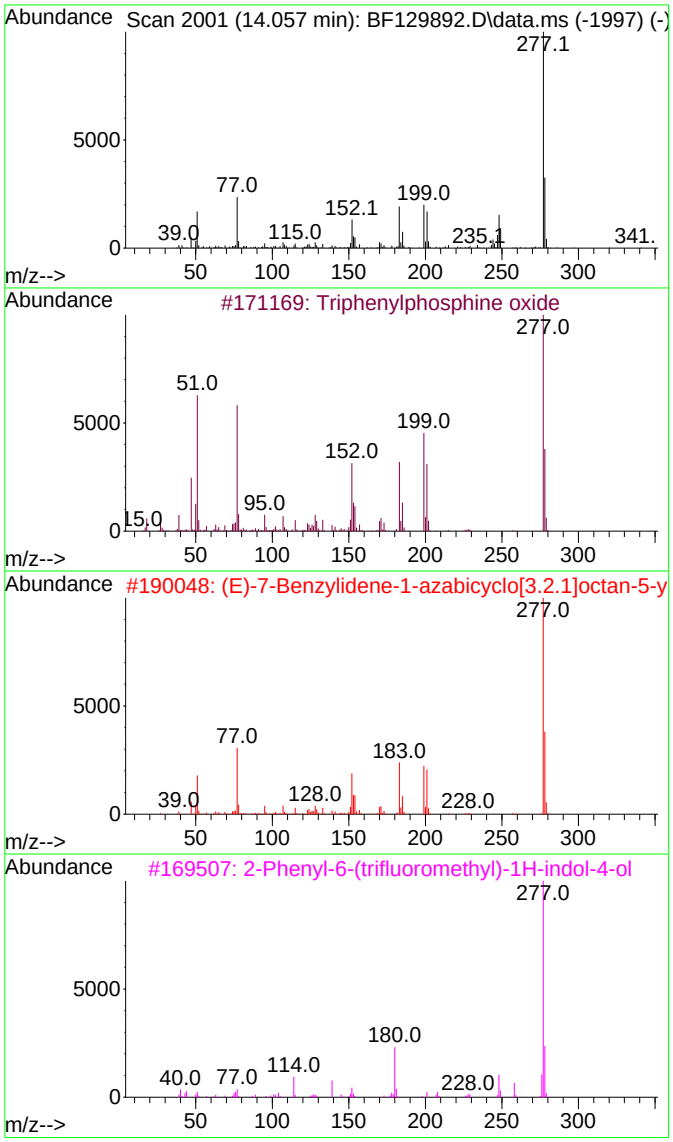
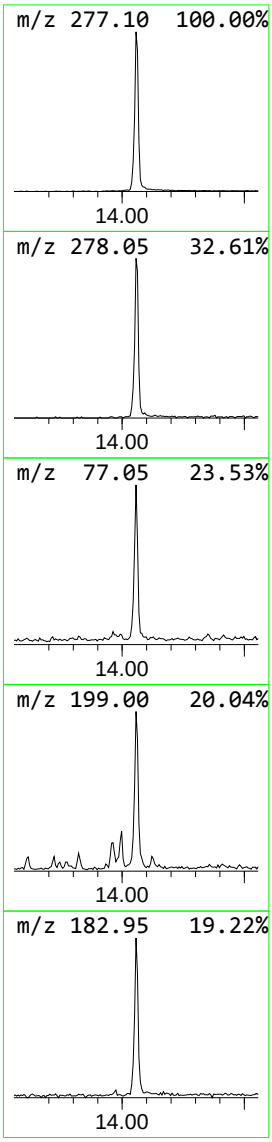
Peak Number 15 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	5.45 ng	436714	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
5	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37





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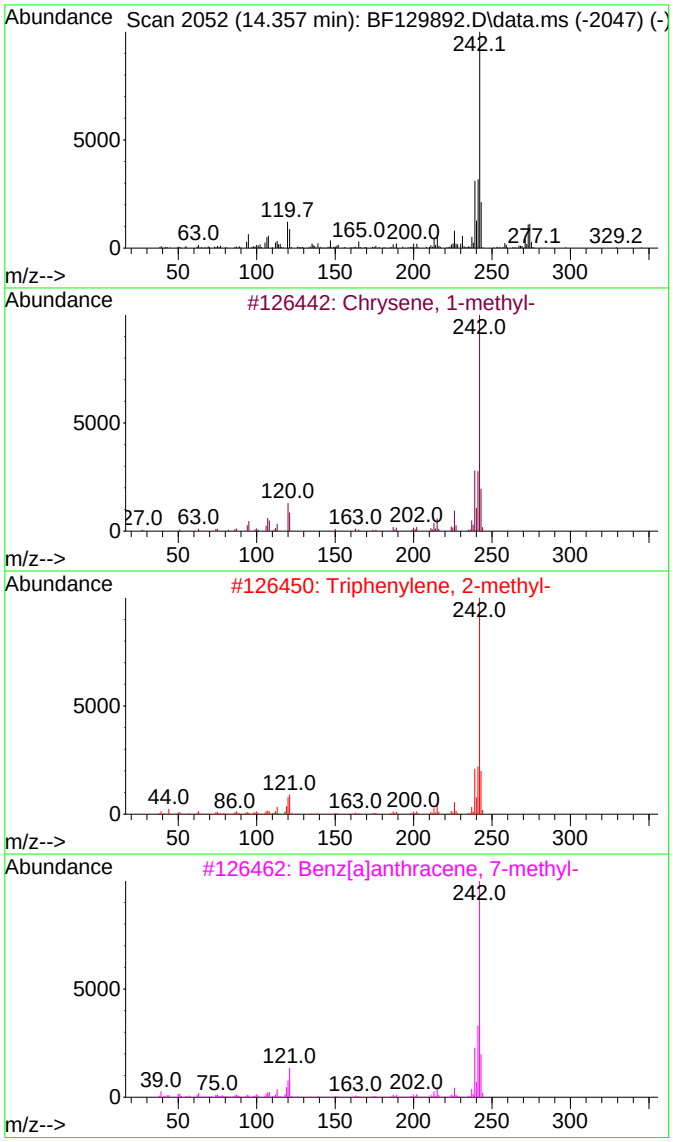
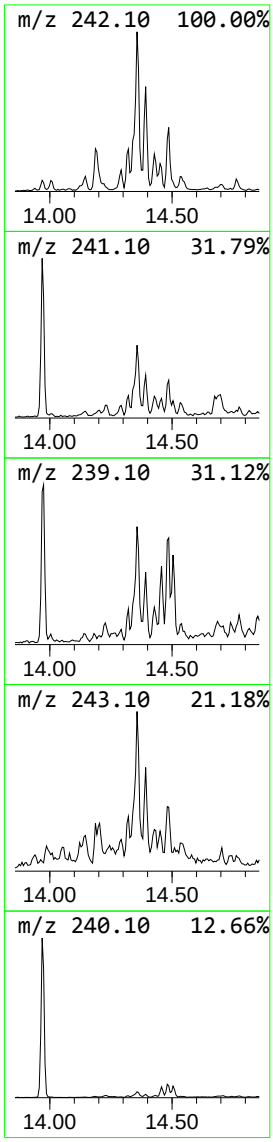
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	3.70 ng	296251	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93





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

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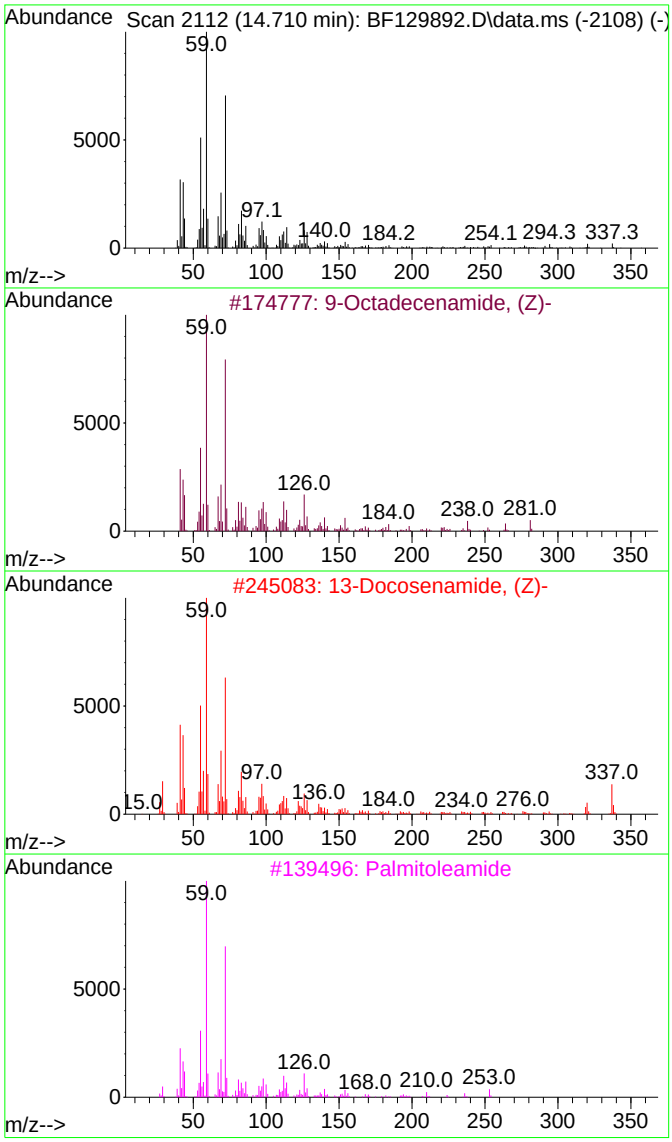
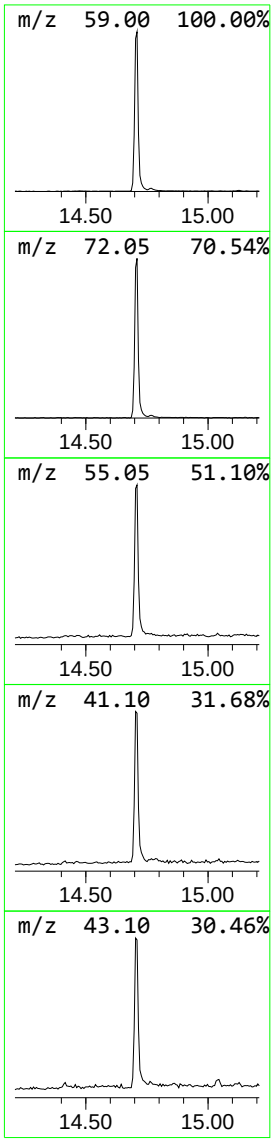
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	25.97 ng	960301	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	Palmitoleamide	253	C16H31NO	106010-22-4	81
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	35





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Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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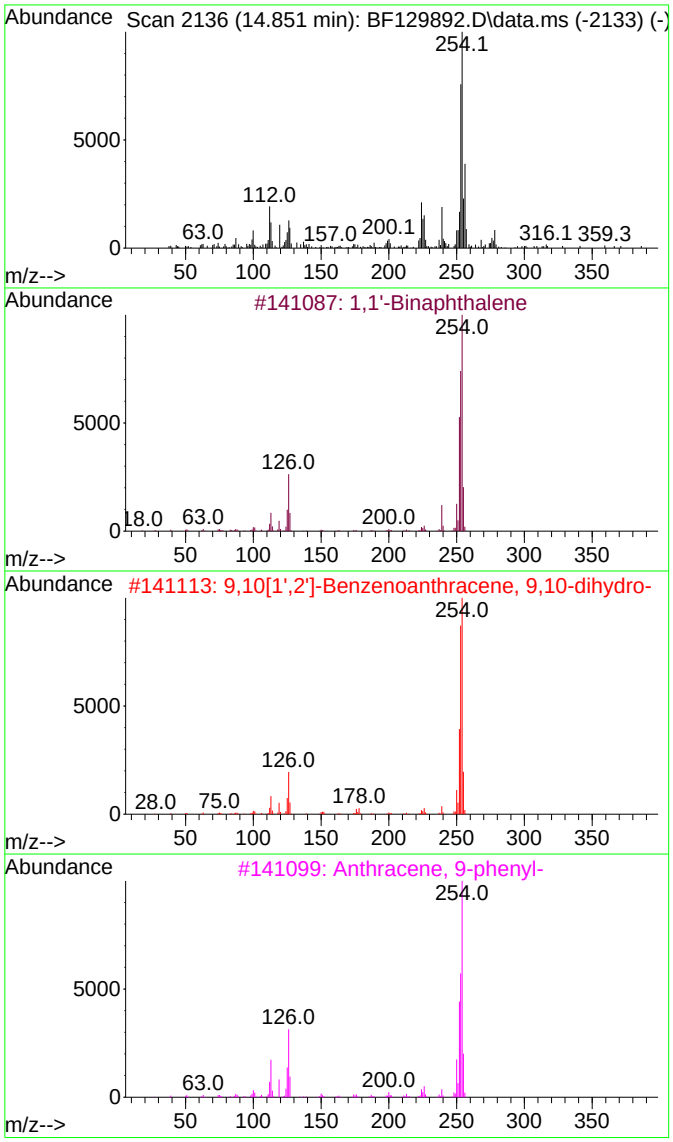
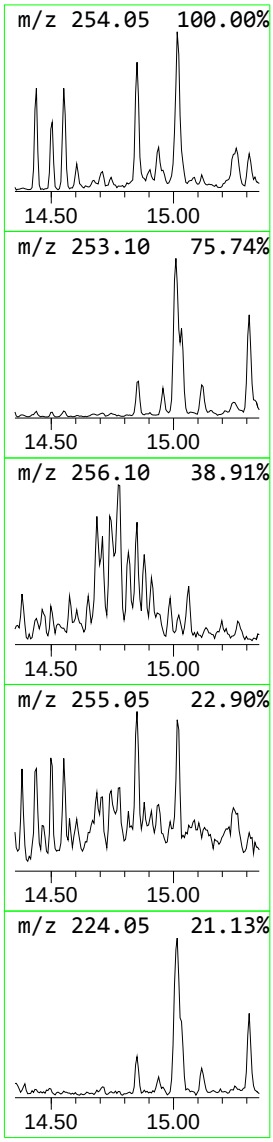
Peak Number 18 1,1'-Binaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	3.30 ng	122194	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	60
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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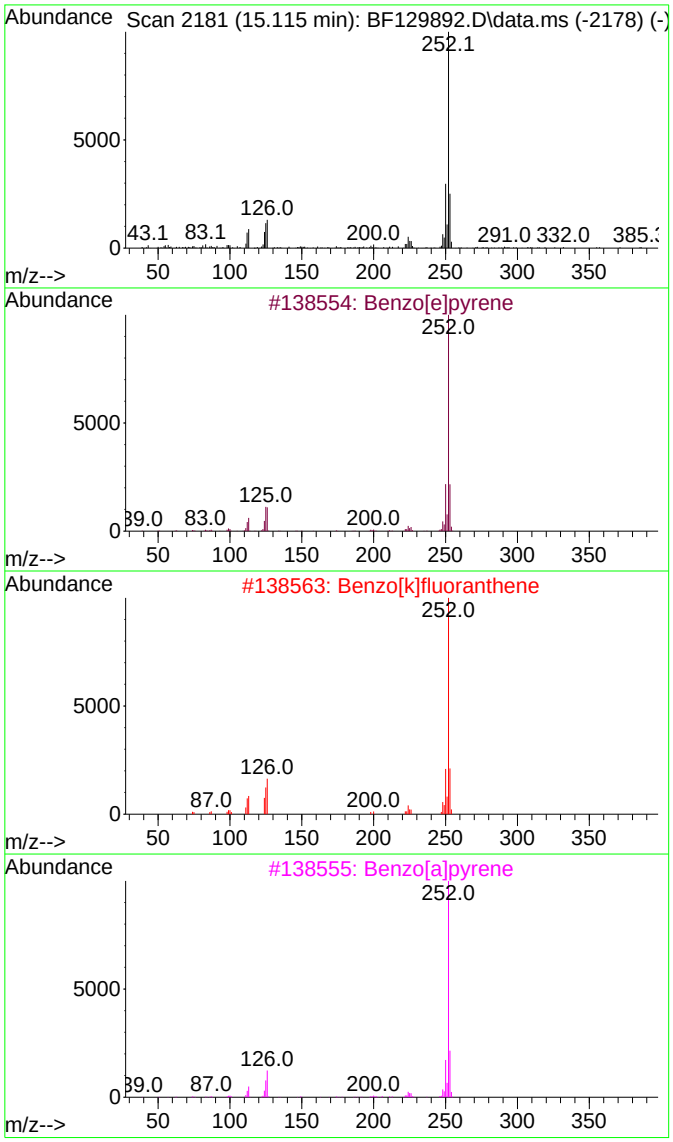
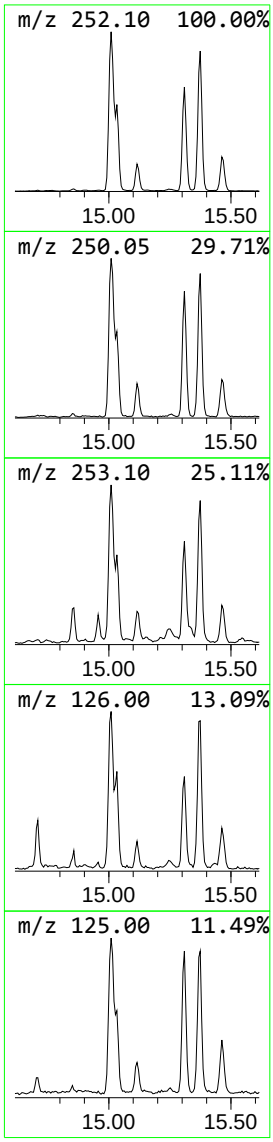
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	4.32 ng	159569	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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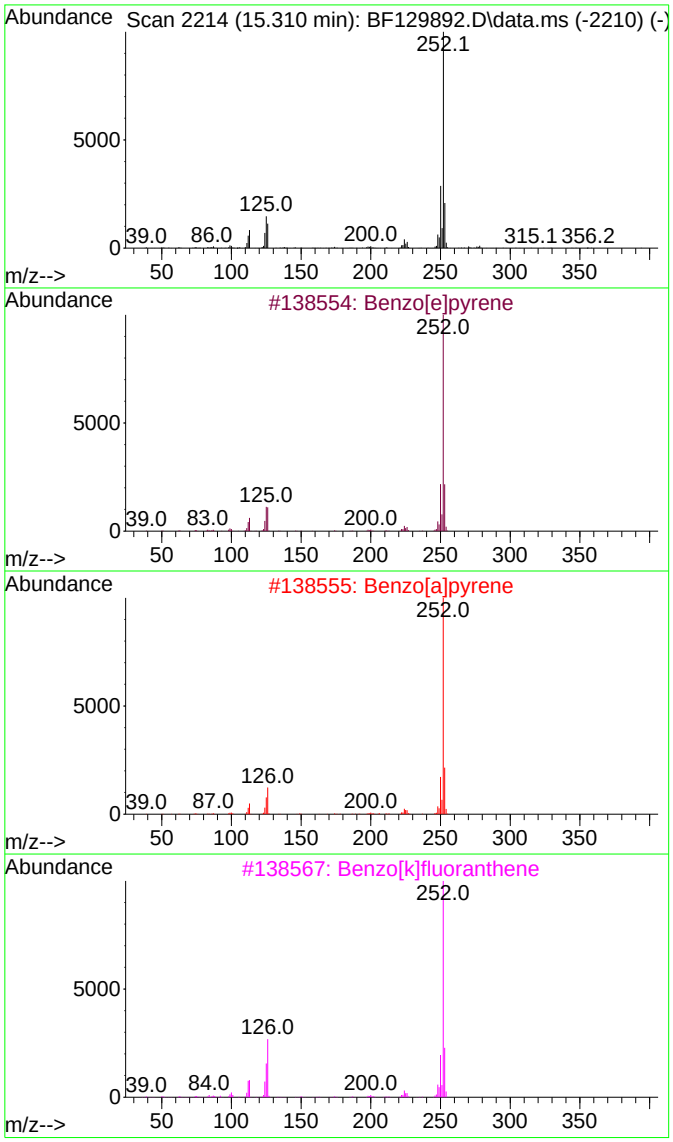
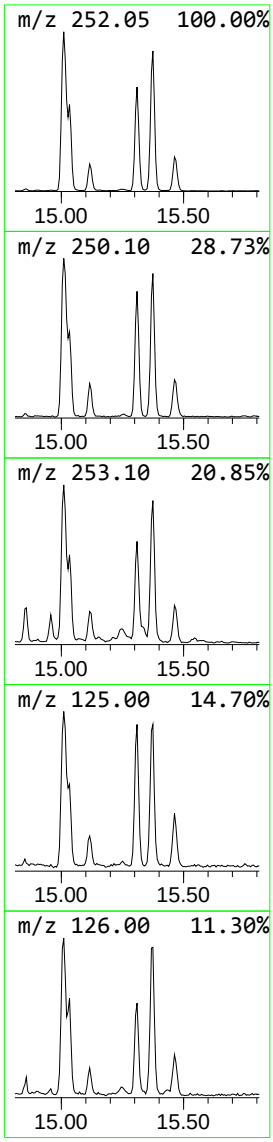
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	16.31 ng	602918	Perylene-d12	15.433

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129892.D
Acq On : 18 Aug 2022 23:57
Operator : CG\JU
Sample : N4215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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
2-Pentanone, 4-...	5.004	4.1	ng	126449	1	6.792	614750	20.0
Phenanthrene, 2...	11.822	5.9	ng	205260	4	11.322	691707	20.0
Phenanthrene, 1...	11.851	6.4	ng	221563	4	11.322	691707	20.0
4H-Cyclopenta[d...	11.933	8.6	ng	296449	4	11.322	691707	20.0
Phenanthrene, 4...	11.957	4.5	ng	156793	4	11.322	691707	20.0
Naphthalene, 2-...	12.116	3.5	ng	121038	4	11.322	691707	20.0
9,10-Anthracene...	12.157	3.6	ng	123470	4	11.322	691707	20.0
Phenanthrene, 2...	12.374	5.7	ng	195641	4	11.322	691707	20.0
Phenanthrene, 3...	12.410	3.9	ng	133210	4	11.322	691707	20.0
Cyclopenta(def)...	12.469	4.2	ng	146447	4	11.322	691707	20.0
Pyrene, 1-methyl-	12.986	2.8	ng	223752	5	13.969	1601800	20.0
11H-Benzo[b]flu...	13.092	4.6	ng	365152	5	13.969	1601800	20.0
Benzo[b]naphtho...	13.721	3.3	ng	267680	5	13.969	1601800	20.0
Triphenylphosph...	14.057	5.5	ng	436714	5	13.969	1601800	20.0
Chrysene, 1-met...	14.357	3.7	ng	296251	5	13.969	1601800	20.0
9-Octadecenamid...	14.710	26.0	ng	960301	6	15.433	739503	20.0
1,1'-Binaphthalene	14.851	3.3	ng	122194	6	15.433	739503	20.0
Benzo[e]pyrene	15.115	4.3	ng	159569	6	15.433	739503	20.0
Benzo[j]fluoran...	15.310	16.3	ng	602918	6	15.433	739503	20.0