LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-E3-COMP

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	10	13	23	rVB2	12529	21011	1.49%	0.131%
2	3.875	300	304	310	rVB	11327	15264	1.08%	0.095%
3	5.022	496	499	507	rVB	28958	33231	2.35%	0.208%
4	5.434	565	569	572	rBV	1538653	1314713	93.08%	8.215%
5	6.434	735	739	742	rBV	1385135	1249020	88.43%	7.805%
6	6.792	797	800	804	rBV	554523	449867	31.85%	2.811%
7	7.351	891	895	899	rBV	867117	806328	57.09%	5.039%
8	8.069	1014	1017	1020	rBV	662056	547653	38.77%	3.422%
9	9.145	1197	1200	1204	rBV	1587934	1412476	100.00%	8.826%
10	9.686	1287	1292	1296	rBV	43408	37619	2.66%	0.235%
11	9.828	1312	1316	1319	rBV	670128	522623	37.00%	3.266%
12	9.857	1319	1321	1326	rVB	38604	35036	2.48%	0.219%
13	10.033	1346	1351	1354	rBV	22516	21949	1.55%	0.137%
14	10.375	1406	1409	1415	rVB	44762	41144	2.91%	0.257%
15	10.616	1447	1450	1461	rVB	830635	746672	52.86%	4.666%
16	10.745	1468	1472	1475	rVB4	17014	21707	1.54%	0.136%
17	10.927	1497	1503	1505	rBV3	17323	20395	1.44%	0.127%
18	11.216	1549	1552	1557	rVB	27804	26331	1.86%	0.165%
19	11.322	1566	1570	1572	rBV	542851	534839	37.87%	3.342%
20	11.345	1572	1574	1577	rVV	409573	327256	23.17%	2.045%
21	11.392	1578	1582	1586	rVB	126126	111530	7.90%	0.697%
22	11.551	1602	1609	1611	rBV2	25324	30256	2.14%	0.189%
23	11.616	1618	1620	1624	rBV	17887	16108	1.14%	0.101%
24	11.822	1650	1655	1658	rBV	78232	73010	5.17%	0.456%
25	11.851	1658	1660	1665	rVV	187405	188067	13.31%	1.175%
26	11.898	1665	1668	1671	rVV	50429	50971	3.61%	0.319%
27	11.933	1671	1674	1677	rVV	131867	152775	10.82%	0.955%
28	11.957	1677	1678	1683	rVB	58629	39673	2.81%	0.248%
29	12.122	1703	1706	1708	rBV	51300	43081	3.05%	0.269%
30	12.145	1708	1710	1713	rVB2	33933	30432	2.15%	0.190%
31	12.269	1726	1731	1734	rBV4	22436	25595	1.81%	0.160%
32	12.298	1734	1736	1739	rBV	22079	20012	1.42%	0.125%
33	12.374	1746	1749	1752	rBV	58676	62427	4.42%	0.390%
34	12.416	1752	1756	1758	rVV3	39947	53472	3.79%	0.334%
35	12.463	1761	1764	1768	rBV3	38042	46685	3.31%	0.292%
36	12.539	1773	1777	1780	rVV	896060	741951	52.53%	4.636%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.586	1782	1785	1786	rVV2	31957	31937	2.26%	0.200%
38	12.645	1790	1795	1797	rVV2	35369	62639	4.43%	0.391%
39	12.692	1801	1803	1809	rVV2	30140	47346	3.35%	0.296%
40	12.769	1809	1816	1819	rVV	775943	794691	56.26%	4.966%
41	12.816	1822	1824	1830	rVB2	37959	44162	3.13%	0.276%
42	12.886	1832	1836	1837	rBV2	48479	44094	3.12%	0.276%
43	12.916	1837	1841	1847	rVB	1506997	1293467	91.57%	8.083%
44	12.986	1848	1853	1857	rBV2	57420	96026	6.80%	0.600%
45	13.074	1865	1868	1869	rBV3	41301	45496	3.22%	0.284%
46	13.098	1869	1872	1875	rVB	143198	138178	9.78%	0.863%
47	13.163	1880	1883	1886	rVB	106115	88334	6.25%	0.552%
48	13.204	1886	1890	1892	rBV2	84505	97925	6.93%	0.612%
49	13.292	1903	1905	1908	rVB	46703	40632	2.88%	0.254%
50	13.327	1908	1911	1914	rBV	53728	59594	4.22%	0.372%
51	13.504	1934	1941	1943	rBV6	40210	79550	5.63%	0.497%
52	13.610	1956	1959	1964	rVB	56465	71832	5.09%	0.449%
53	13.721	1975	1978	1980	rBV3	50622	47589	3.37%	0.297%
54	13.751	1980	1983	1984	rVV	52506	45053	3.19%	0.282%
55	13.768	1984	1986	1988	rVV	58304	53565	3.79%	0.335%
56	13.816	1992	1994	1999	rVB2	51687	45974	3.25%	0.287%
57	13.974	2016	2021	2023	rBV2	676033	930118	65.85%	5.812%
58	13.998	2023	2025	2031	rVB	414089	353595	25.03%	2.210%
59	14.080	2036	2039	2041	rVB	65733	57606	4.08%	0.360%
60	14.363	2085	2087	2090	rVB	85394	64266	4.55%	0.402%
61	14.398	2090	2093	2096	rBV	51763	46873	3.32%	0.293%
62	14.486	2106	2108	2110	rBV	41311	36061	2.55%	0.225%
63	15.021	2195	2199	2202	rBV	299981	455136	32.22%	2.844%
64	15.327	2247	2251	2257	rVB	164418	212474	15.04%	1.328%
65	15.392	2258	2262	2268	rBV	225828	269819	19.10%	1.686%
66	15.457	2269	2273	2276	rBV	260682	319110	22.59%	1.994%
67	16.956	2524	2528	2536	rVB2	86969	158645	11.23%	0.991%

Sum of corrected areas: 16002966

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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Acq On : 14 Dec 2023 02:35
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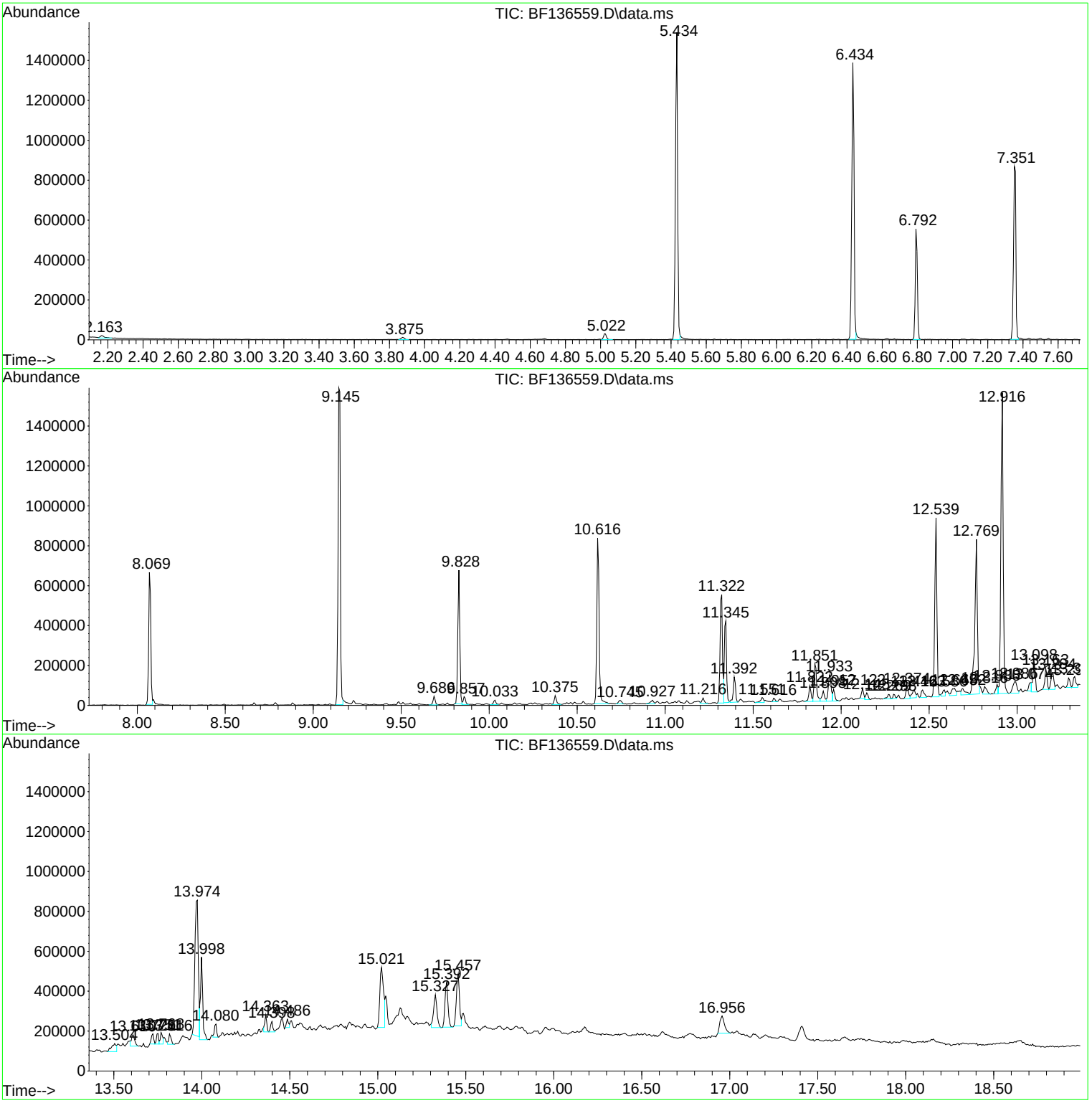
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

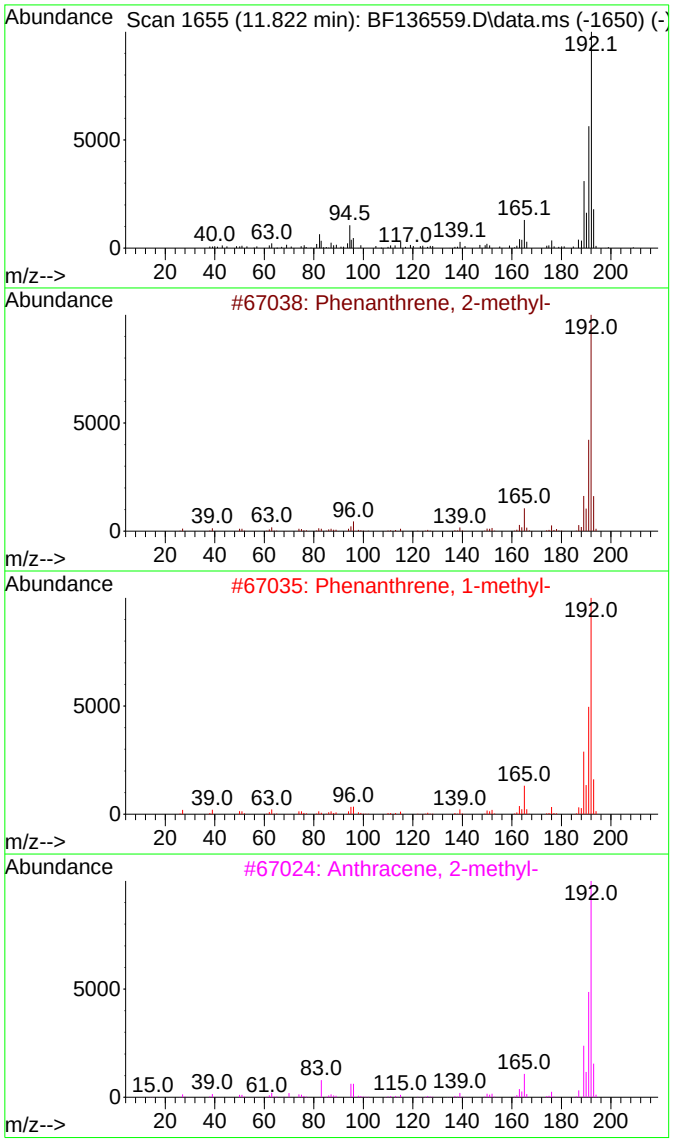
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

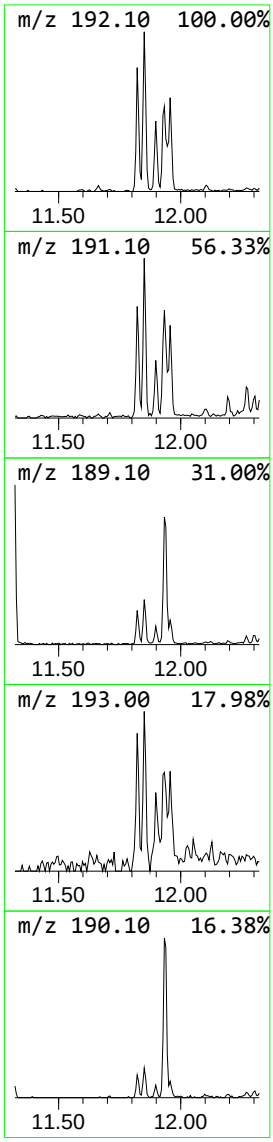
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.73 ng	73010	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

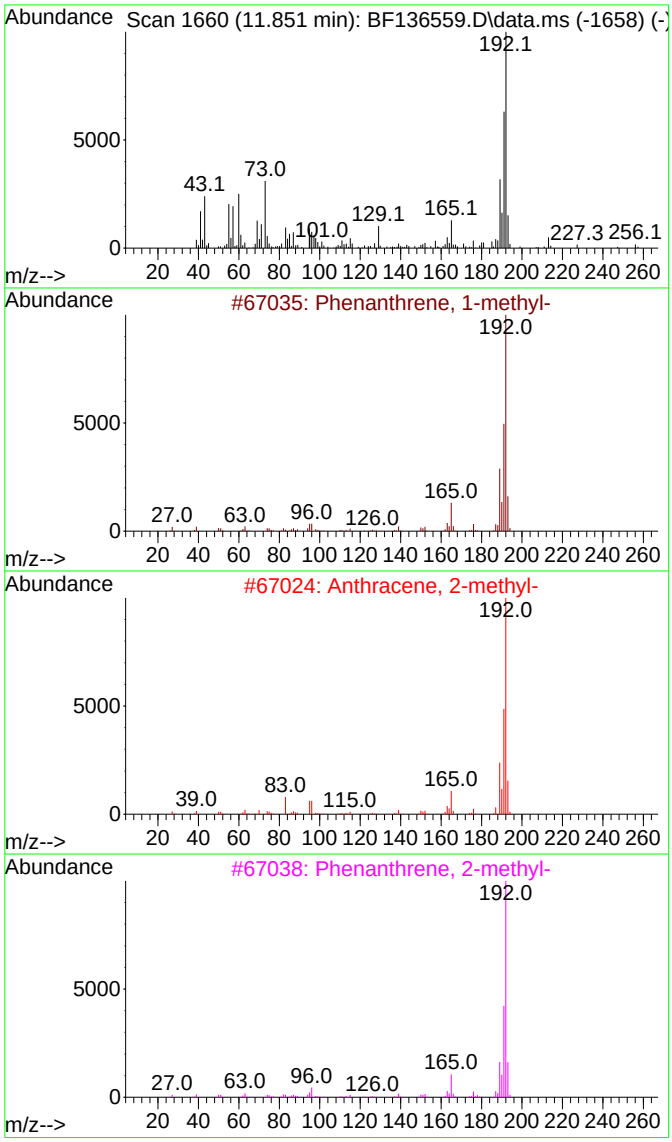
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

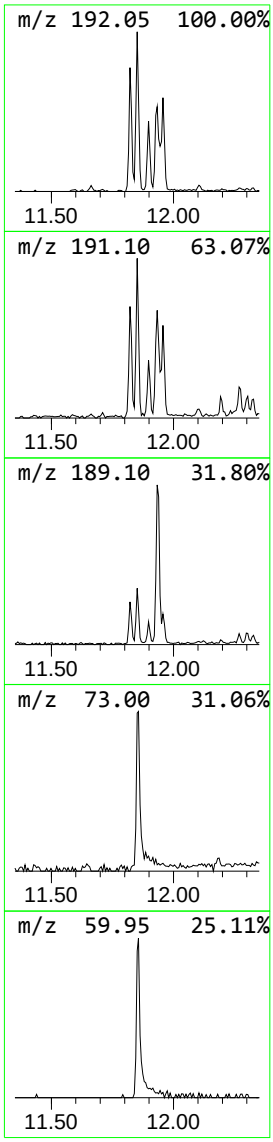
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	7.03 ng	188067	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

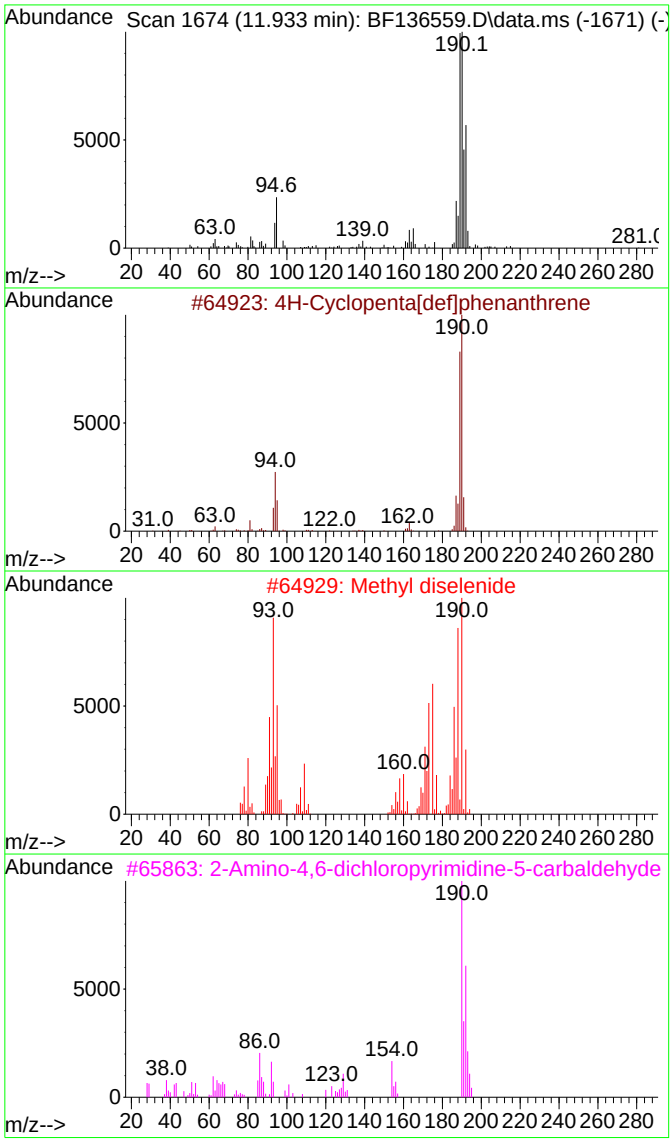
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

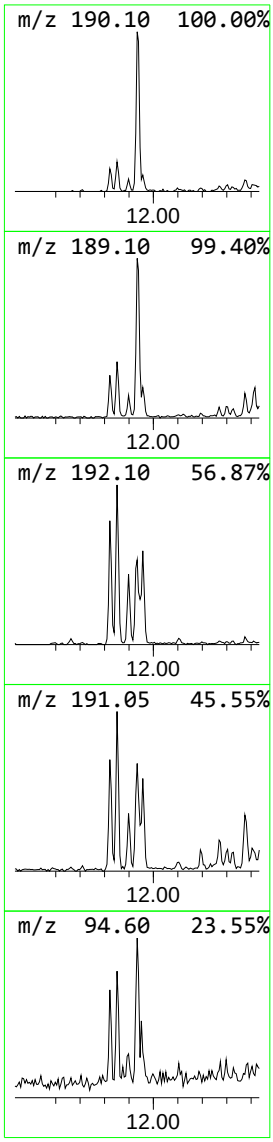
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.71 ng	152775	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	1,2,3,4,5,6,7,8,9,10-Decahydro-5...	190	C13H18O	1000497-99-5	22
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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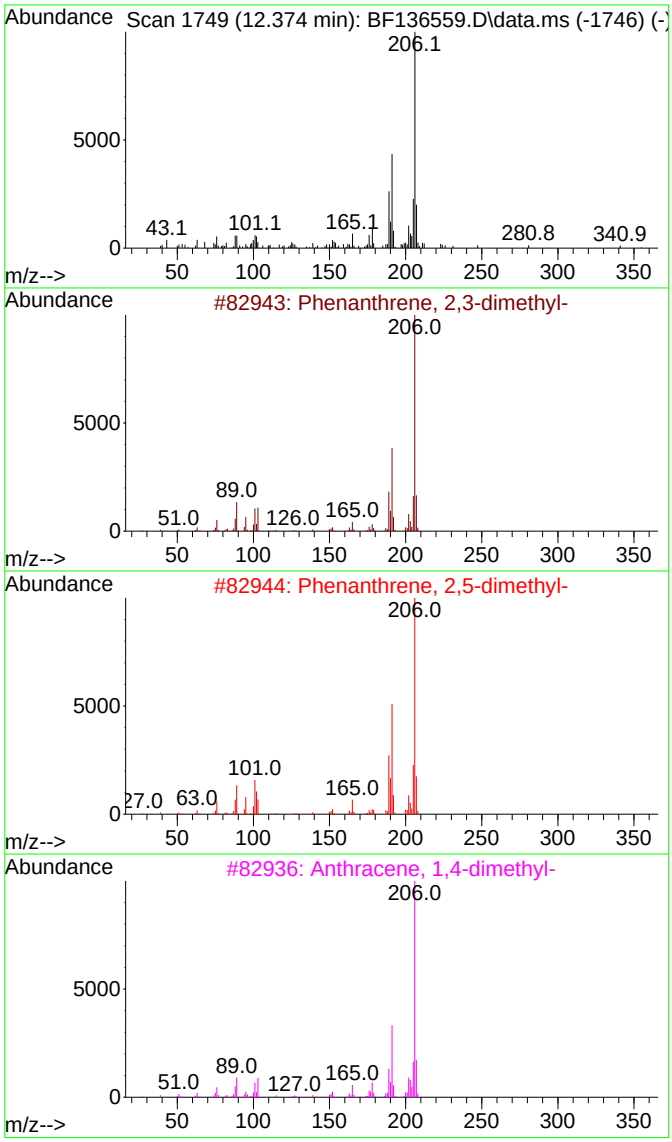
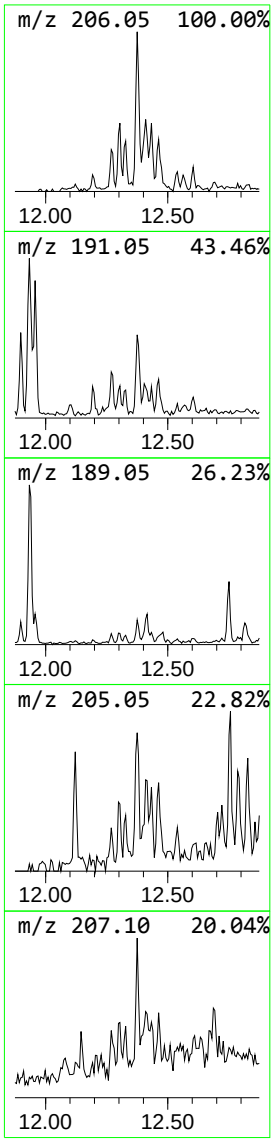
Peak Number 4 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.33 ng	62427	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

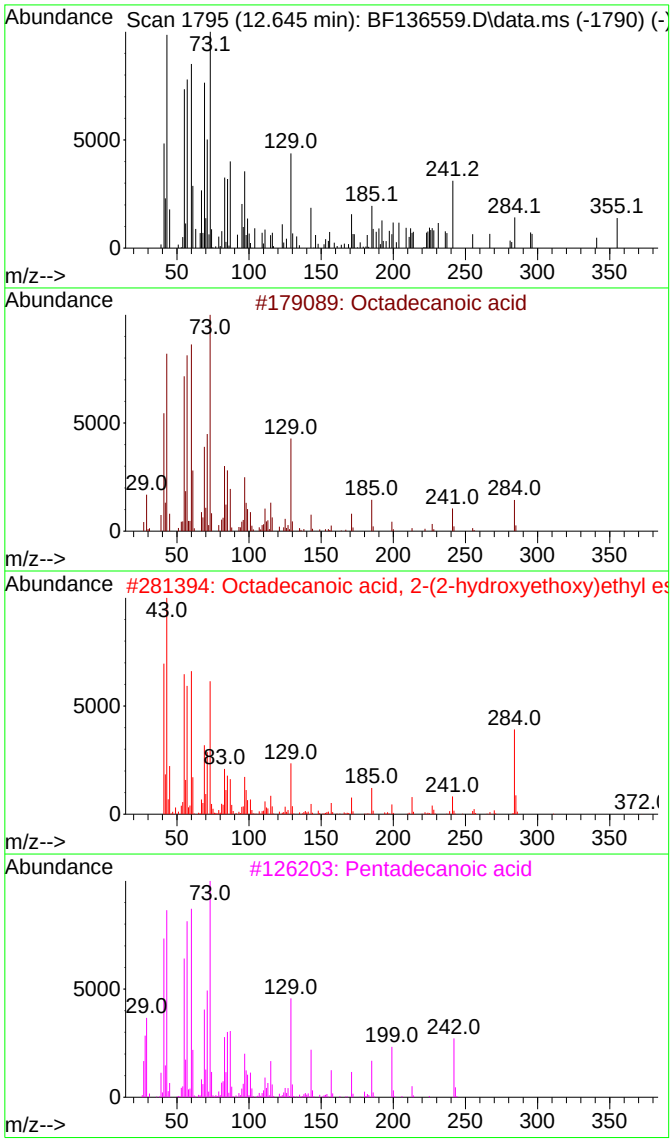
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

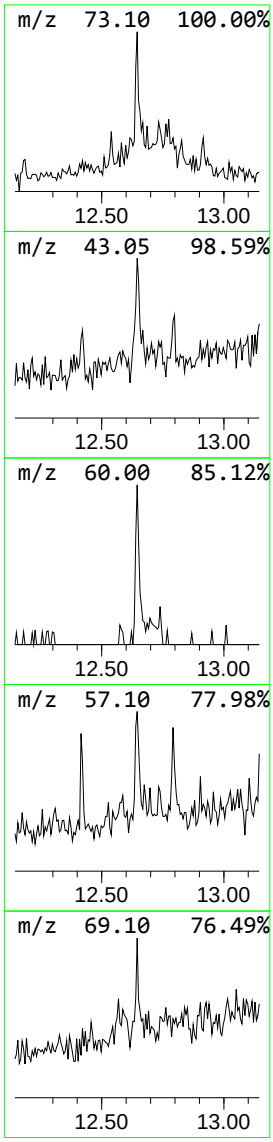
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.34 ng	62639	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	43
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	30





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Data File : BF136559.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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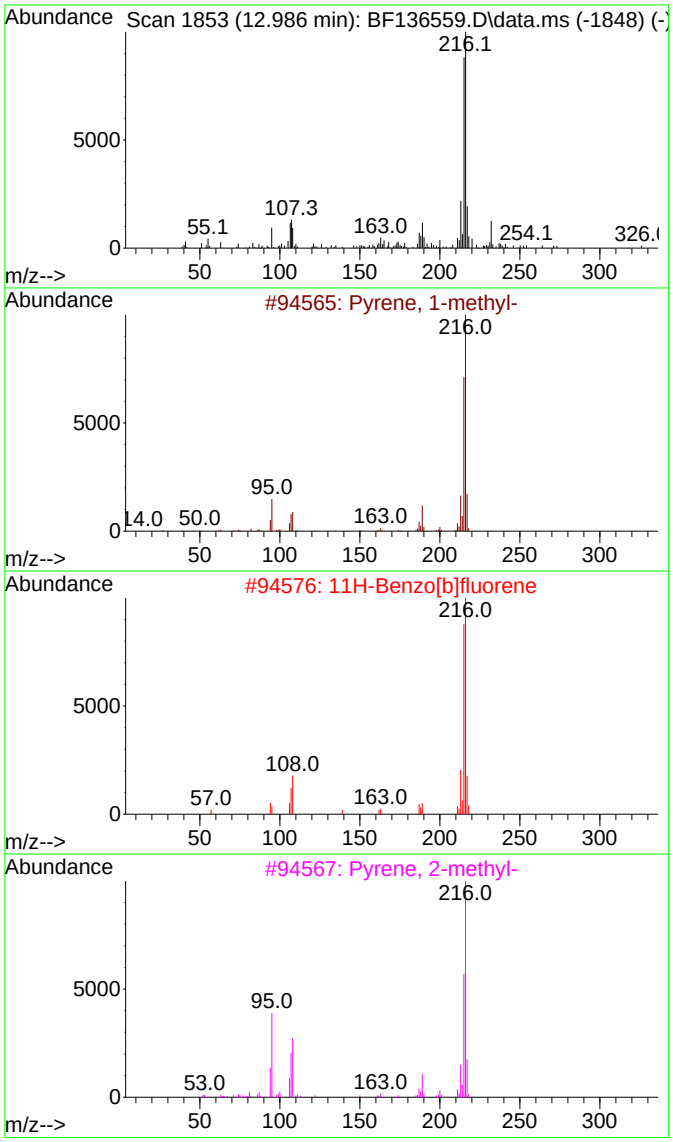
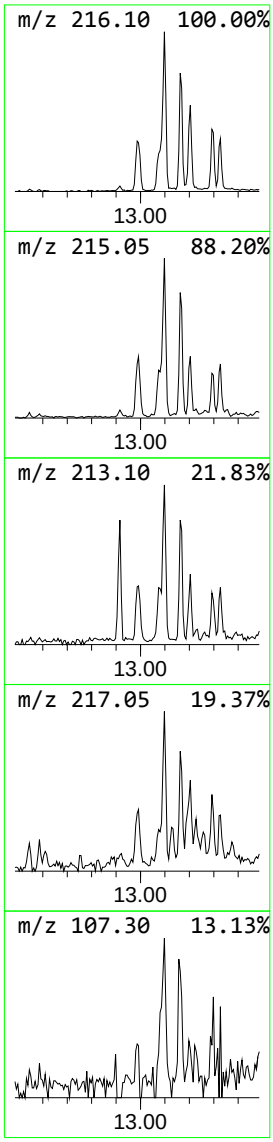
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.06 ng	96026	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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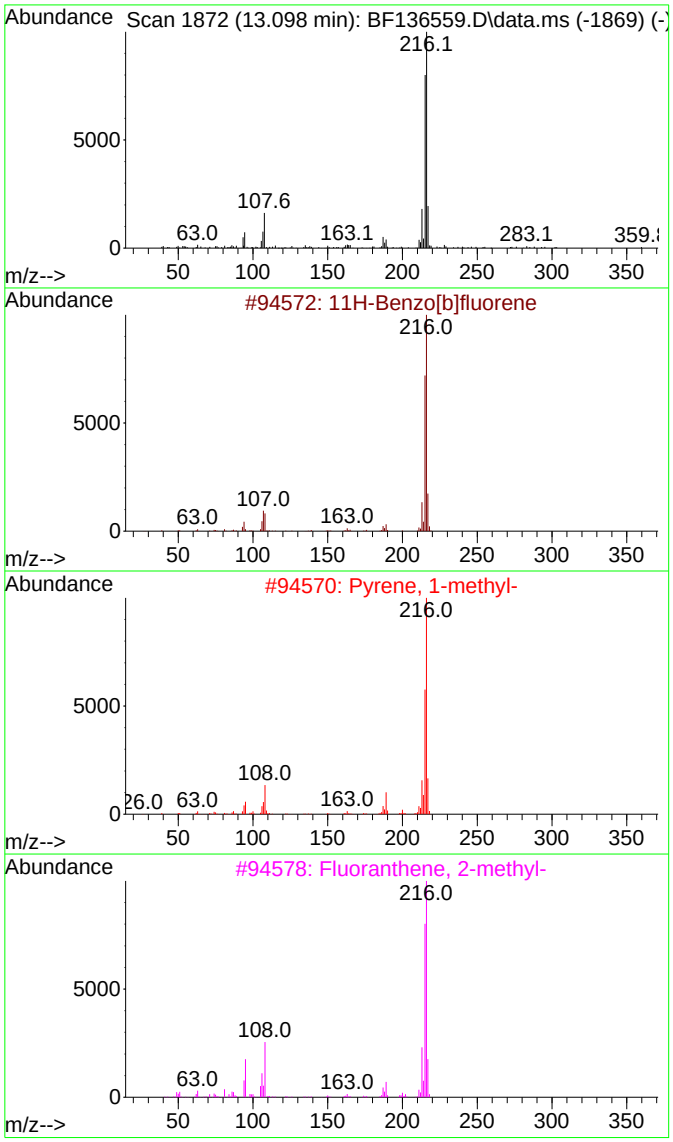
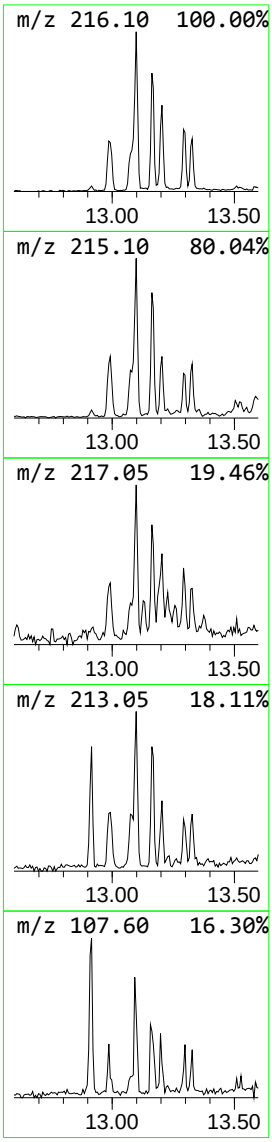
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.97 ng	138178	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	78





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Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

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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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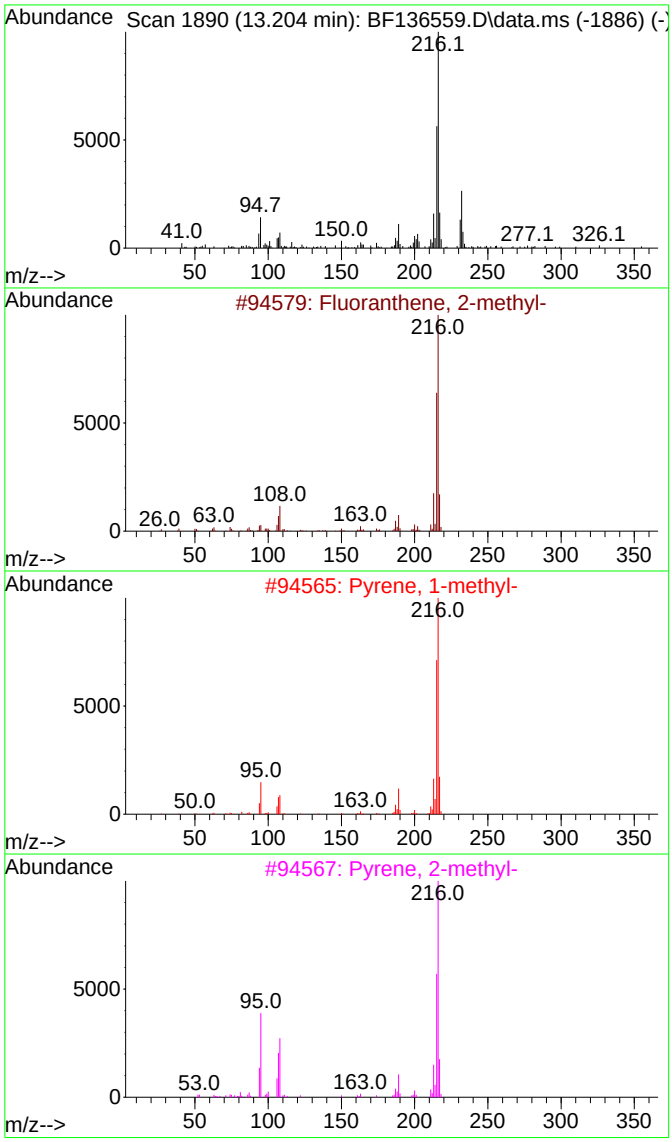
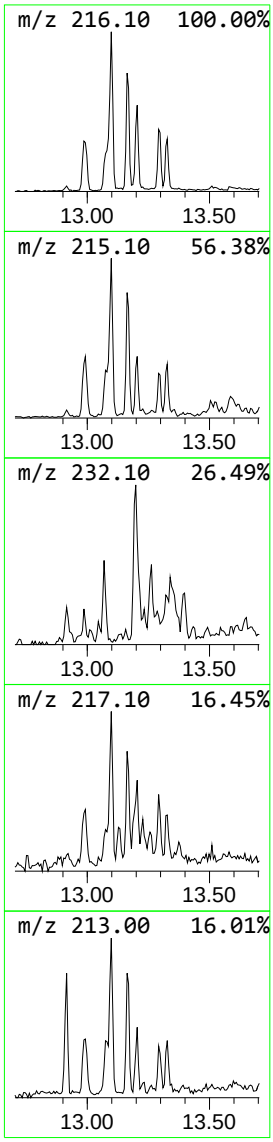
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.11 ng	97925	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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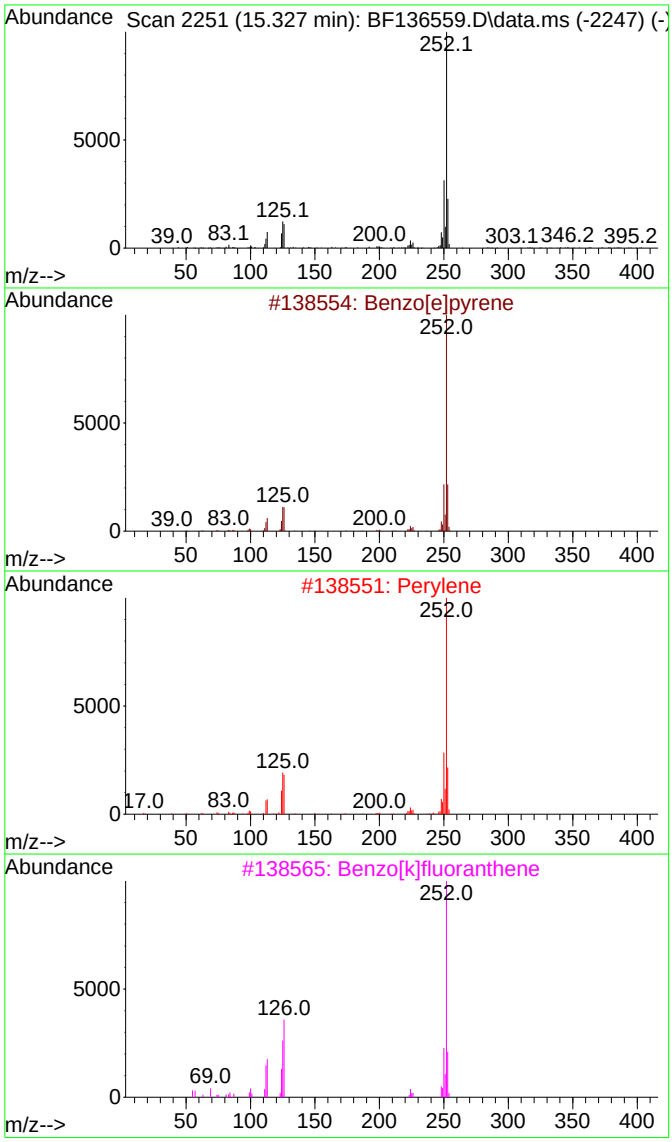
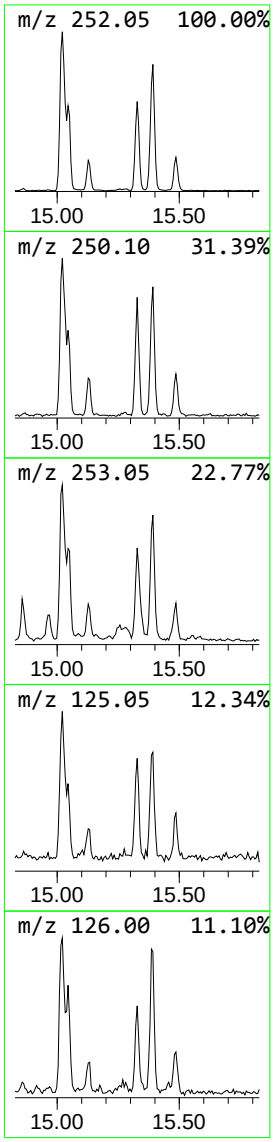
Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	13.32 ng	212474	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136559.D
Acq On : 14 Dec 2023 02:35
Operator : CG\JU
Sample : 05767-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-E3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
Phenanthrene, 2...	11.822	2.7	ng	73010	4	11.322	534839	20.0
Phenanthrene, 1...	11.851	7.0	ng	188067	4	11.322	534839	20.0
4H-Cyclopenta[d...	11.933	5.7	ng	152775	4	11.322	534839	20.0
Phenanthrene, 2...	12.374	2.3	ng	62427	4	11.322	534839	20.0
Octadecanoic acid	12.645	2.3	ng	62639	4	11.322	534839	20.0
Pyrene, 1-methyl-	12.986	2.1	ng	96026	5	13.974	930118	20.0
11H-Benzo[b]flu...	13.098	3.0	ng	138178	5	13.974	930118	20.0
Fluoranthene, 2...	13.204	2.1	ng	97925	5	13.974	930118	20.0
Benzo[e]pyrene	15.327	13.3	ng	212474	6	15.457	319110	20.0