LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	582	rBV	62280	80253	20.70%	2.092%
2	6.440	737	740	755	rBV	50726	76918	19.84%	2.005%
3	6.781	795	798	810	rVB	311207	254920	65.75%	6.644%
4	7.345	891	894	904	rBV	49410	49673	12.81%	1.295%
5	8.057	1012	1015	1023	rBV	366240	316307	81.58%	8.244%
6	9.134	1195	1198	1209	rBV	124587	103213	26.62%	2.690%
7	9.816	1310	1314	1318	rBV	392811	313414	80.84%	8.169%
8	9.845	1318	1319	1325	rVB	9827	8788	2.27%	0.229%
9	10.028	1346	1350	1354	rBV	6336	8045	2.07%	0.210%
10	10.369	1405	1408	1413	rBV2	7069	7092	1.83%	0.185%
11	10.616	1447	1450	1460	rBV	47379	49100	12.66%	1.280%
12	10.733	1464	1470	1472	rBV3	4114	6816	1.76%	0.178%
13	11.122	1534	1536	1539	rBV	8975	6882	1.78%	0.179%
14	11.210	1547	1551	1555	rVB	5978	7177	1.85%	0.187%
15	11.263	1555	1560	1565	rBV5	2609	4393	1.13%	0.114%
16	11.310	1565	1568	1570	rVV	359087	289286	74.61%	7.540%
17	11.333	1570	1572	1578	rVV	142538	118784	30.64%	3.096%
18	11.386	1578	1581	1585	rVB	23505	21086	5.44%	0.550%
19	11.557	1604	1610	1613	rBV2	15243	20177	5.20%	0.526%
20	11.816	1652	1654	1656	rBV	12136	10430	2.69%	0.272%
21	11.845	1656	1659	1665	rVV	30926	33724	8.70%	0.879%
22	11.928	1669	1673	1675	rVV2	19921	20234	5.22%	0.527%
23	11.951	1675	1677	1682	rVB2	9253	9687	2.50%	0.252%
24	12.092	1698	1701	1703	rBV2	13824	12331	3.18%	0.321%
25	12.116	1703	1705	1707	rVV	10998	7904	2.04%	0.206%
26	12.151	1708	1711	1714	rVB	17621	15495	4.00%	0.404%
27	12.263	1726	1730	1732	rBV5	5344	7719	1.99%	0.201%
28	12.369	1744	1748	1751	rBV5	8846	11359	2.93%	0.296%
29	12.404	1751	1754	1756	rBV3	6613	6522	1.68%	0.170%
30	12.463	1761	1764	1767	rVB2	12939	12562	3.24%	0.327%
31	12.533	1772	1776	1779	rBV	220342	179509	46.30%	4.679%
32	12.598	1785	1787	1791	rBV4	4911	5599	1.44%	0.146%
33	12.639	1791	1794	1796	rBV4	3939	5478	1.41%	0.143%
34	12.686	1799	1802	1804	rVV3	10269	10953	2.83%	0.285%
35	12.710	1804	1806	1809	rVV4	4647	5224	1.35%	0.136%
36	12.763	1809	1815	1822	rVV	170723	182463	47.06%	4.756%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.816	1822	1824	1827	rVB4	8670	10492	2.71%	0.273%
38	12.904	1832	1839	1842	rBV	118886	120073	30.97%	3.129%
39	12.927	1842	1843	1847	rVB2	14772	11353	2.93%	0.296%
40	12.975	1848	1851	1858	rBV4	10507	22475	5.80%	0.586%
41	13.092	1864	1871	1874	rBV4	19709	39066	10.08%	1.018%
42	13.133	1876	1878	1880	rBV3	7378	4997	1.29%	0.130%
43	13.157	1880	1882	1885	rBV2	7028	6885	1.78%	0.179%
44	13.198	1885	1889	1891	rBV4	15968	15897	4.10%	0.414%
45	13.257	1897	1899	1901	rVB3	10511	6569	1.69%	0.171%
46	13.292	1902	1905	1909	rVV5	8514	12513	3.23%	0.326%
47	13.474	1934	1936	1939	rBV4	9932	8634	2.23%	0.225%
48	13.616	1956	1960	1962	rBV	24820	23986	6.19%	0.625%
49	13.722	1975	1978	1981	rBV	33171	42629	10.99%	1.111%
50	13.769	1984	1986	1988	rBV	13077	12591	3.25%	0.328%
51	13.822	1993	1995	2000	rVB	28713	32973	8.50%	0.859%
52	13.892	2004	2007	2009	rBV4	12803	18055	4.66%	0.471%
53	13.969	2016	2020	2023	rBV2	337128	387714	100.00%	10.105%
54	13.998	2023	2025	2029	rVB	94795	82452	21.27%	2.149%
55	14.127	2045	2047	2053	rVB6	21442	25055	6.46%	0.653%
56	15.027	2196	2200	2203	rBV	91497	139391	35.95%	3.633%
57	15.333	2249	2252	2259	rBV	49823	68044	17.55%	1.773%
58	15.398	2260	2263	2270	rVV	83890	135311	34.90%	3.527%
59	15.463	2270	2274	2287	rVB	228761	330187	85.16%	8.606%

Sum of corrected areas: 3836859

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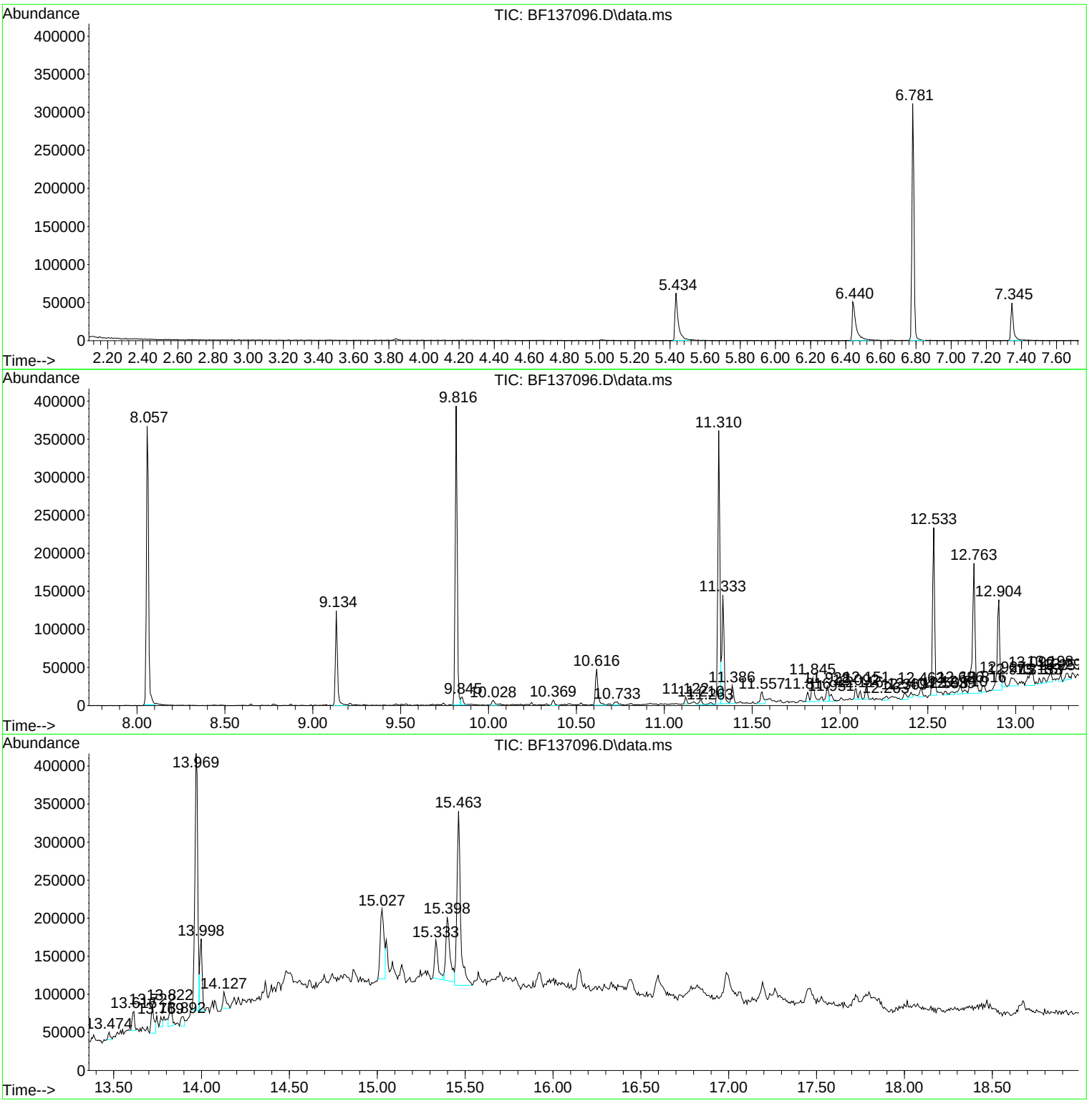
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

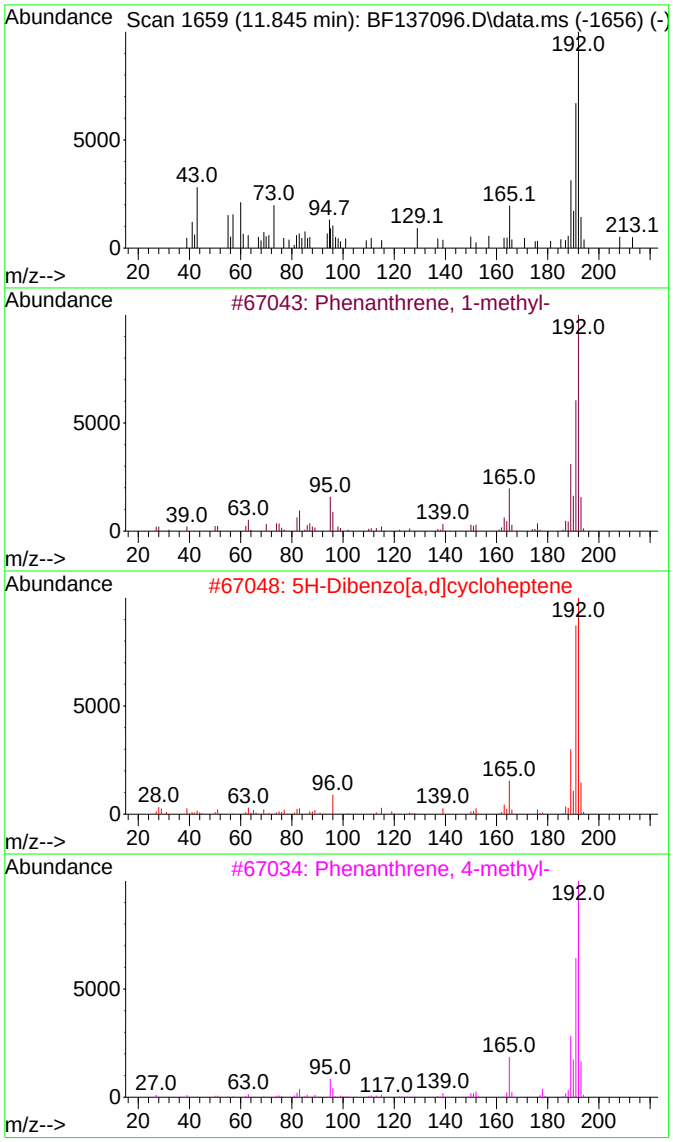
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

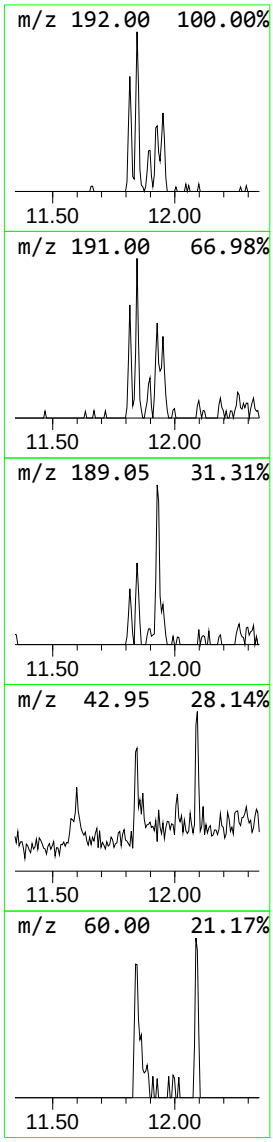
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	2.33 ng	33724	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	78
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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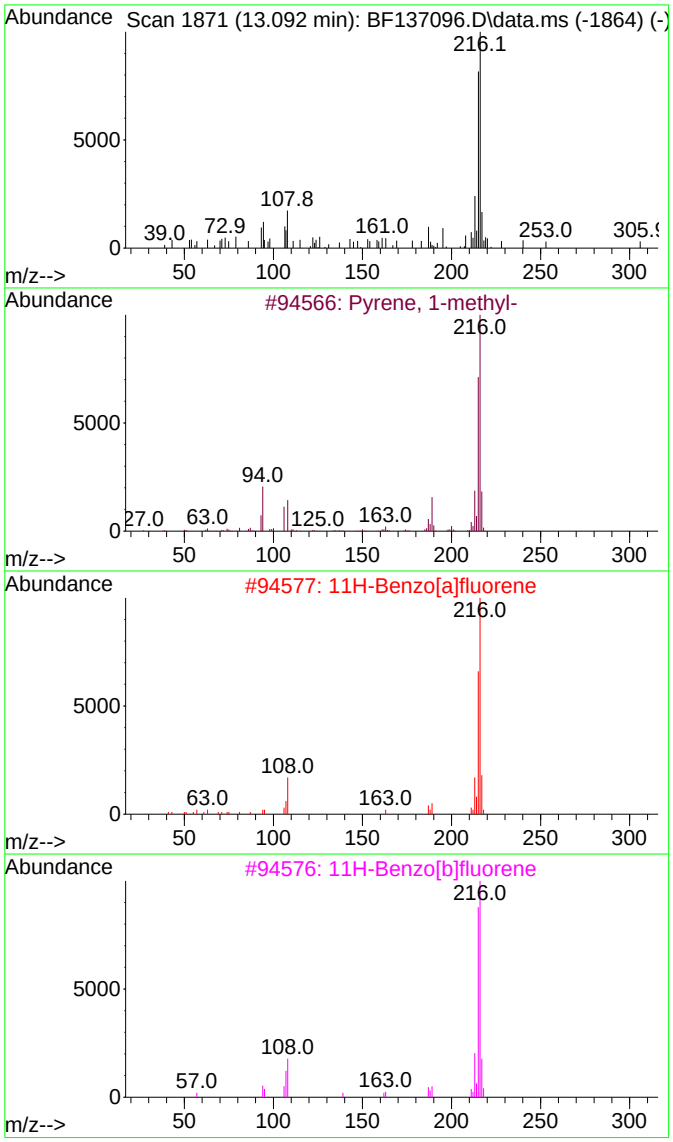
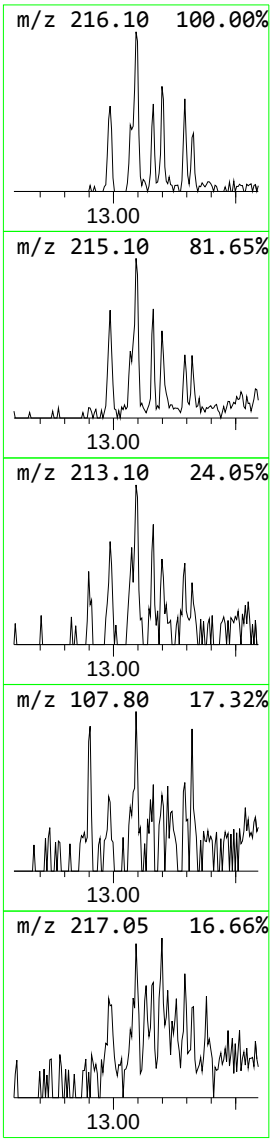
Peak Number 2 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.02 ng	39066	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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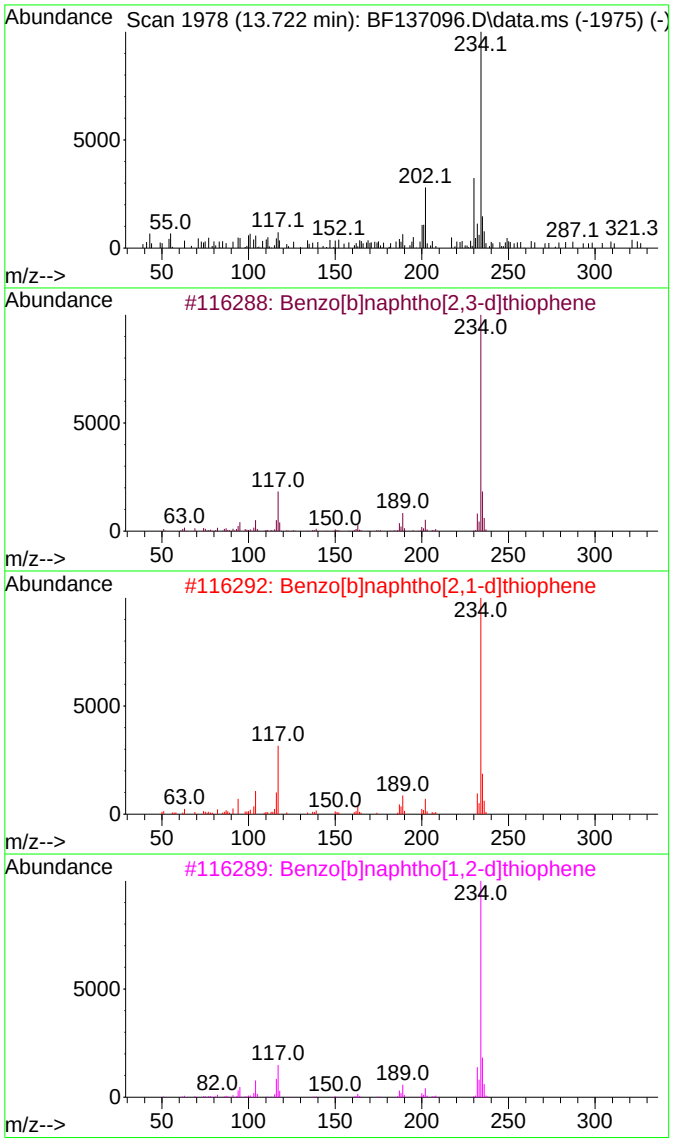
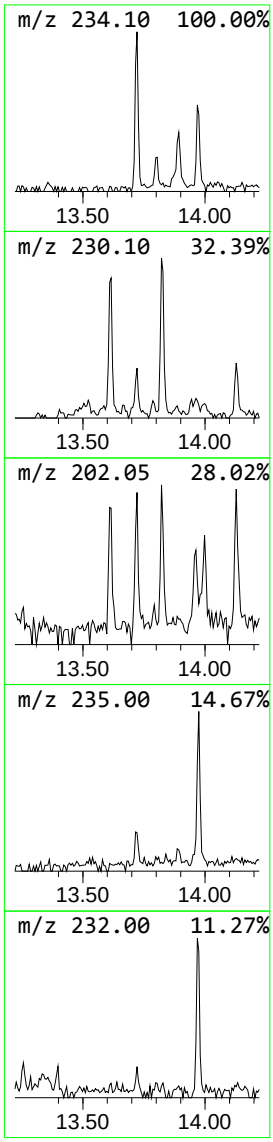
Peak Number 3 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	2.20 ng	42629	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
4	1-[3-Methoxy-4-(2,2,2-trifluoroe...	291	C13H16F3NO3	1000501-69-6	47
5	4-Dimethylsulfylidene-3-methyl-1...	234	C12H14N2OS	033321-45-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
Acq On : 17 Jan 2024 16:35
Operator : CG\JU
Sample : P1150-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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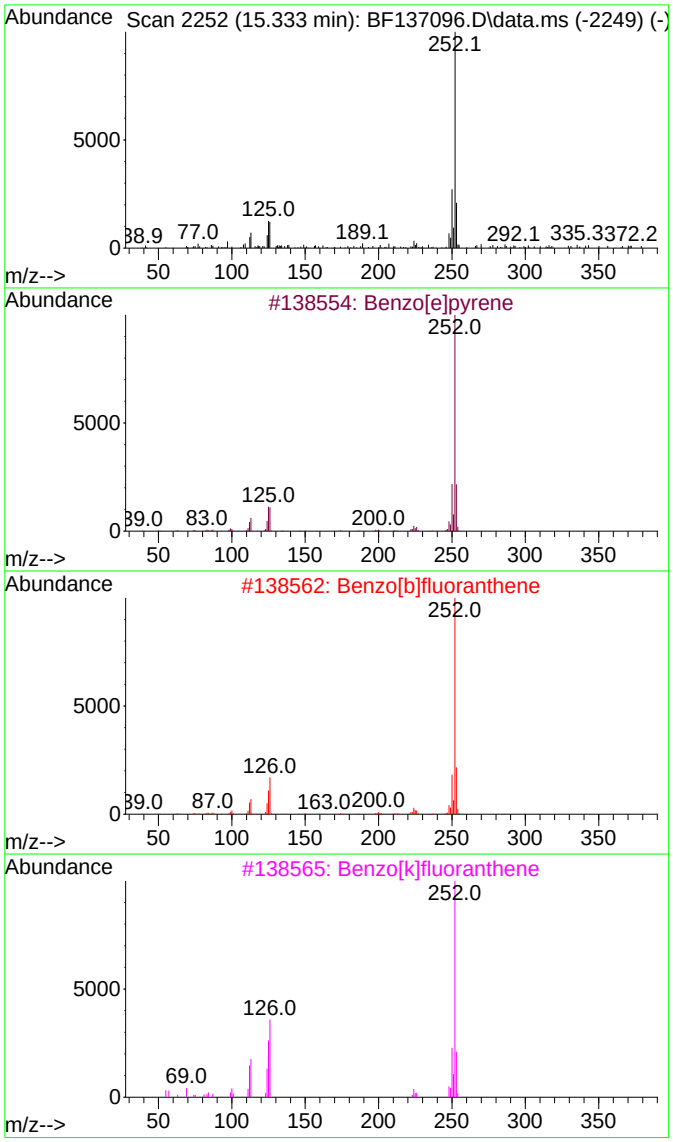
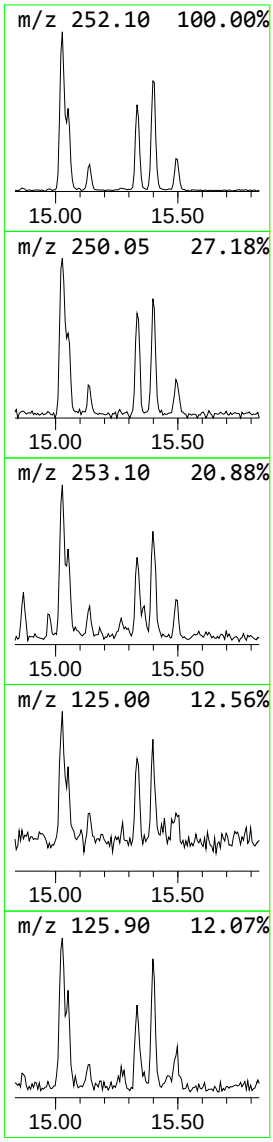
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	4.12 ng	68044	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137096.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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, 1...	11.845	2.3	ng	33724	4	11.310	289286	20.0
Pyrene, 1-methyl-	13.092	2.0	ng	39066	5	13.969	387714	20.0
Benzo[b]naphtho...	13.722	2.2	ng	42629	5	13.969	387714	20.0
Benzo[e]pyrene	15.333	4.1	ng	68044	6	15.463	330187	20.0