LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138793.D
Acq On : 05 Aug 2024 19:17
Operator : RC/JU
Sample : P3448-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.905	304	308	313	rBB	2305	3223	1.09%	0.092%
2	5.051	499	503	511	rBV	6856	9364	3.15%	0.269%
3	5.469	570	574	592	rVB	112199	158999	53.56%	4.560%
4	6.481	742	746	766	rBV	111306	160738	54.15%	4.610%
5	6.669	775	778	782	rBV2	2457	3072	1.03%	0.088%
6	6.846	803	808	813	rBV	197486	248398	83.68%	7.124%
7	7.404	898	903	914	rBV	79317	103127	34.74%	2.958%
8	8.128	1018	1026	1033	rBV	221505	289414	97.50%	8.301%
9	8.839	1143	1147	1150	rBB	2623	3145	1.06%	0.090%
10	8.934	1160	1163	1167	rBB2	2551	3080	1.04%	0.088%
11	9.198	1203	1208	1217	rBV	112564	147071	49.55%	4.218%
12	9.275	1217	1221	1230	rVB3	3344	5874	1.98%	0.168%
13	9.592	1272	1275	1282	rVB	2340	3353	1.13%	0.096%
14	9.804	1303	1311	1315	rBV2	3115	4437	1.49%	0.127%
15	9.881	1319	1324	1335	rVV	190764	249823	84.16%	7.165%
16	9.969	1335	1339	1345	rVB3	2393	3643	1.23%	0.104%
17	10.081	1347	1358	1362	rBV3	2645	5449	1.84%	0.156%
18	10.298	1388	1395	1400	rBV2	4230	7006	2.36%	0.201%
19	10.516	1429	1432	1438	rVB	2458	3675	1.24%	0.105%
20	10.581	1438	1443	1446	rBV2	1932	3053	1.03%	0.088%
21	10.669	1454	1458	1463	rBV	45255	56860	19.16%	1.631%
22	10.781	1472	1477	1483	rBV2	8511	13766	4.64%	0.395%
23	11.104	1527	1532	1540	rBV5	3247	8621	2.90%	0.247%
24	11.175	1540	1544	1547	rBV	2962	4757	1.60%	0.136%
25	11.222	1547	1552	1555	rBV7	4917	7036	2.37%	0.202%
26	11.363	1571	1576	1580	rBV	179780	273653	92.19%	7.849%
27	11.439	1585	1589	1593	rVV	12371	16324	5.50%	0.468%
28	11.480	1593	1596	1602	rVB6	1864	3727	1.26%	0.107%
29	11.604	1613	1617	1622	rBV5	4348	7840	2.64%	0.225%
30	11.651	1622	1625	1630	rVB5	3870	6447	2.17%	0.185%
31	11.869	1658	1662	1663	rBV	12828	15606	5.26%	0.448%
32	11.892	1663	1666	1671	rVV	22388	32163	10.84%	0.922%
33	11.945	1671	1675	1677	rVV2	7112	10256	3.46%	0.294%
34	11.980	1677	1681	1690	rVB3	20771	42805	14.42%	1.228%
35	12.051	1690	1693	1698	rBV5	5494	8035	2.71%	0.230%
36	12.163	1708	1712	1715	rBV	12897	17758	5.98%	0.509%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.192	1715	1717	1721	rVV3	9909	11714	3.95%	0.336%
38	12.233	1721	1724	1730	rVB7	2672	5079	1.71%	0.146%
39	12.310	1735	1737	1740	rBV3	4126	4753	1.60%	0.136%
40	12.416	1751	1755	1757	rBV	13804	17327	5.84%	0.497%
41	12.451	1757	1761	1767	rVV7	10710	20039	6.75%	0.575%
42	12.504	1767	1770	1775	rVB2	12214	16323	5.50%	0.468%
43	12.580	1778	1783	1788	rBV	188073	235473	79.33%	6.754%
44	12.810	1815	1822	1827	rBV	167732	248628	83.76%	7.131%
45	12.945	1840	1845	1853	rVB	108747	153247	51.63%	4.395%
46	13.027	1854	1859	1864	rBV4	13412	24849	8.37%	0.713%
47	13.133	1870	1877	1881	rBV3	15902	34049	11.47%	0.977%
48	13.239	1892	1895	1899	rBV2	14959	19764	6.66%	0.567%
49	13.333	1909	1911	1914	rBV	6864	6907	2.33%	0.198%
50	14.004	2020	2025	2029	rBV2	171001	296835	100.00%	8.514%
51	15.051	2198	2203	2211	rBV	65998	142560	48.03%	4.089%
52	15.351	2250	2254	2259	rVV	33757	47207	15.90%	1.354%
53	15.410	2261	2264	2269	rVV	49020	75132	25.31%	2.155%
54	15.474	2270	2275	2290	rVB2	92867	185075	62.35%	5.308%

Sum of corrected areas: 3486559

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ClientSampleId :
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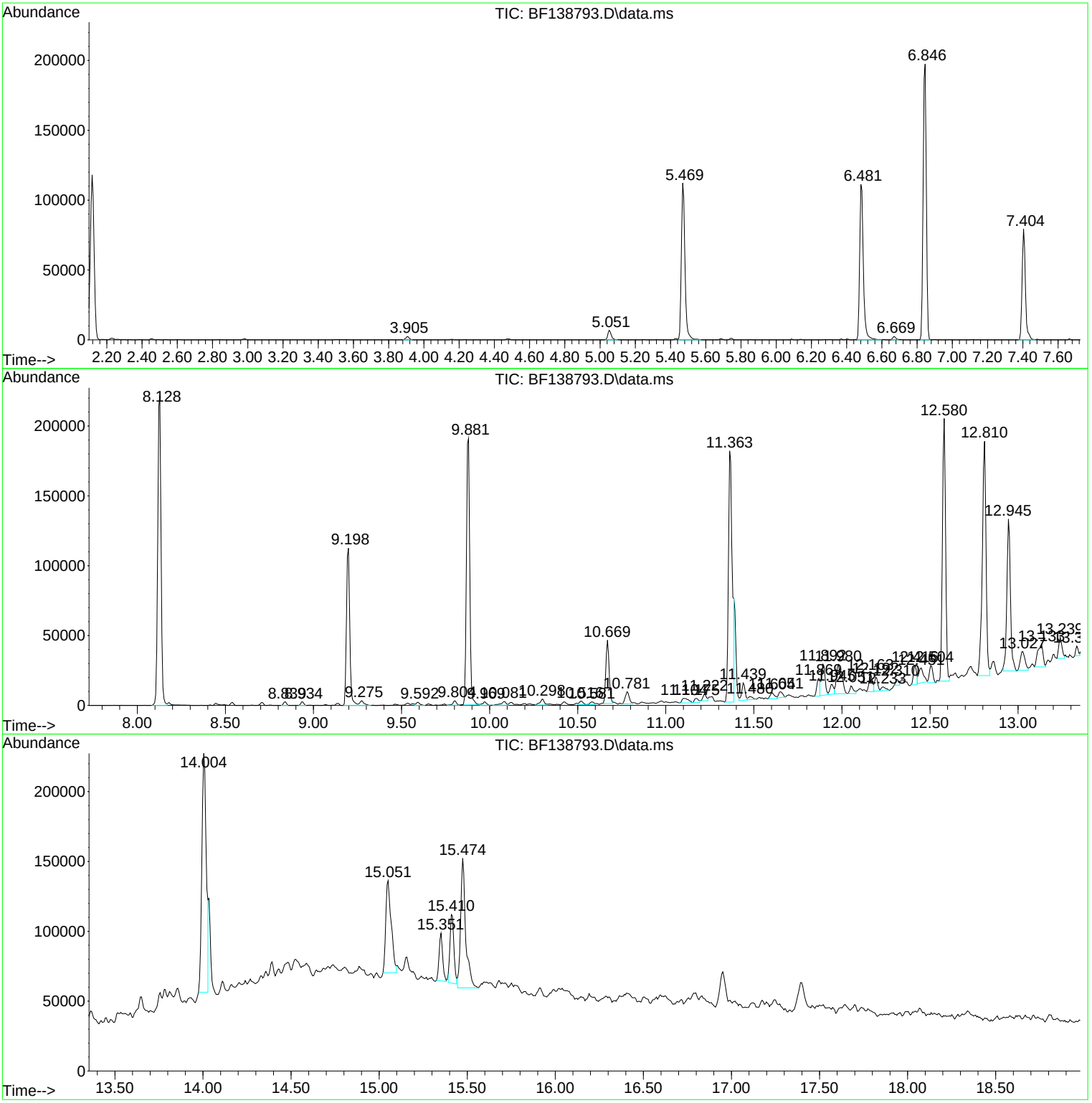
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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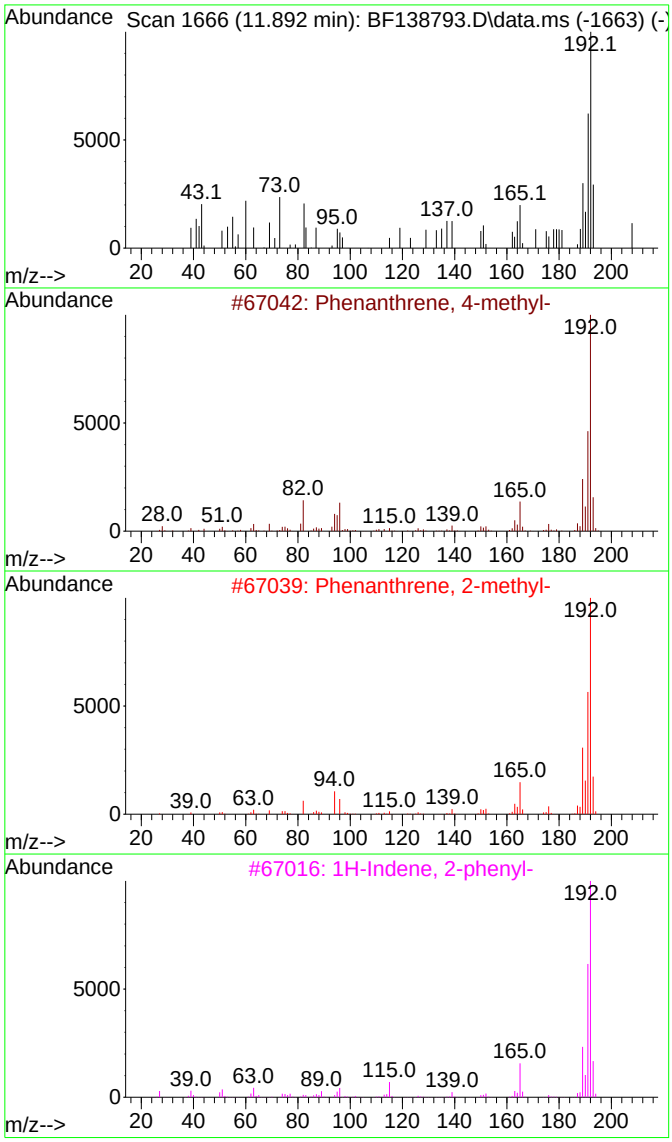
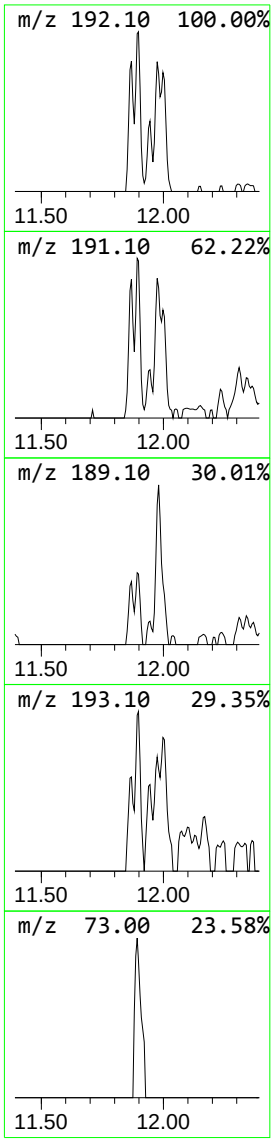
Peak Number 1 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.35 ng	32163	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	58
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53





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Sample : P3448-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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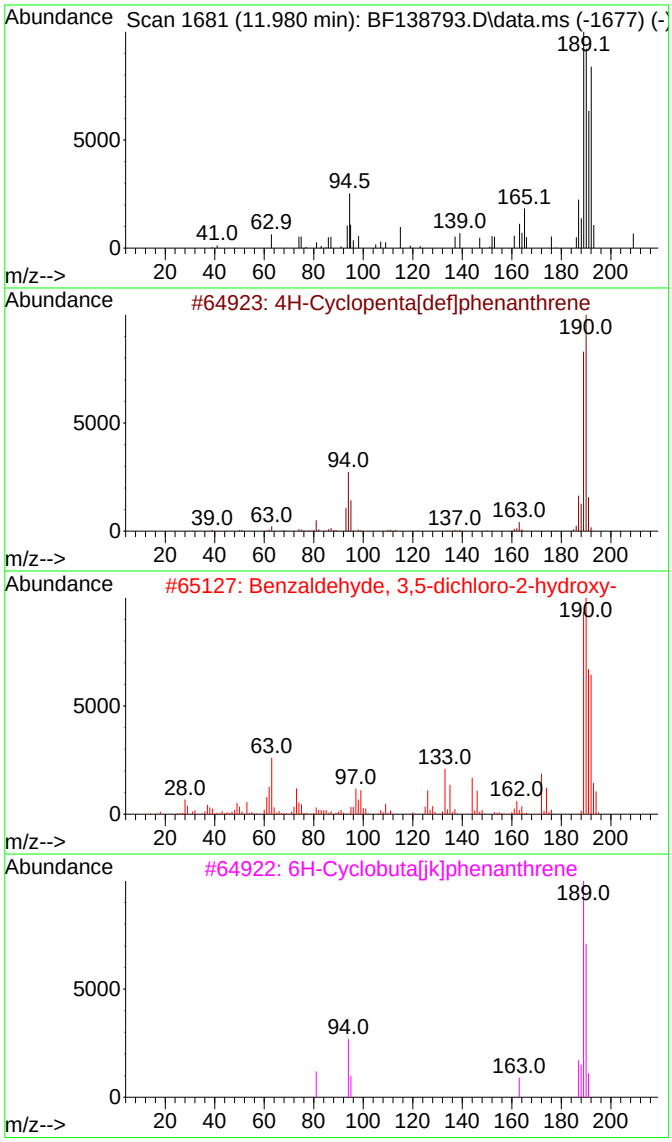
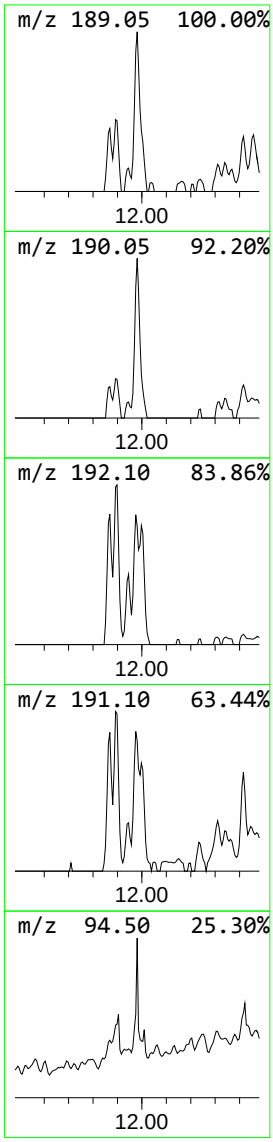
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.13 ng	42805	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	43
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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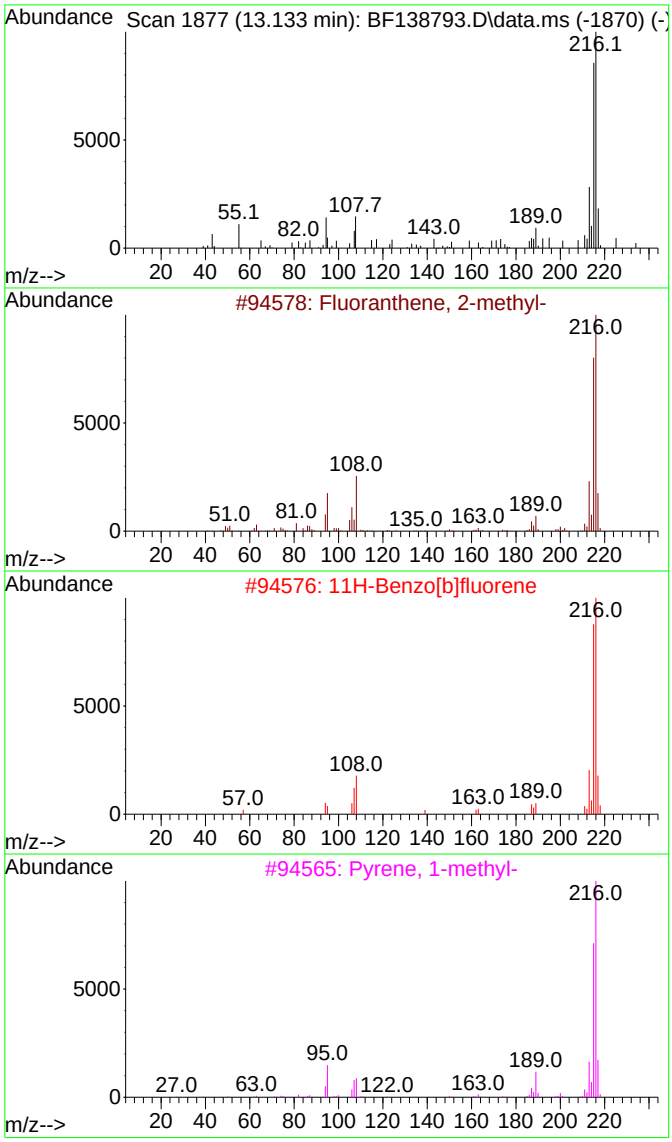
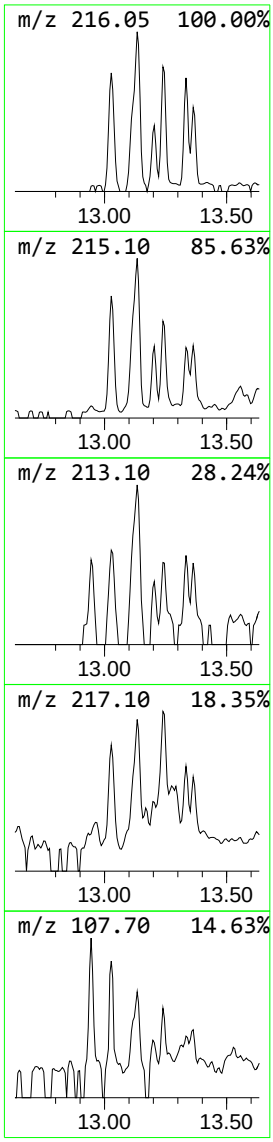
Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.29 ng	34049	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Misc :
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Instrument :
BNA_F
ClientSampleId :
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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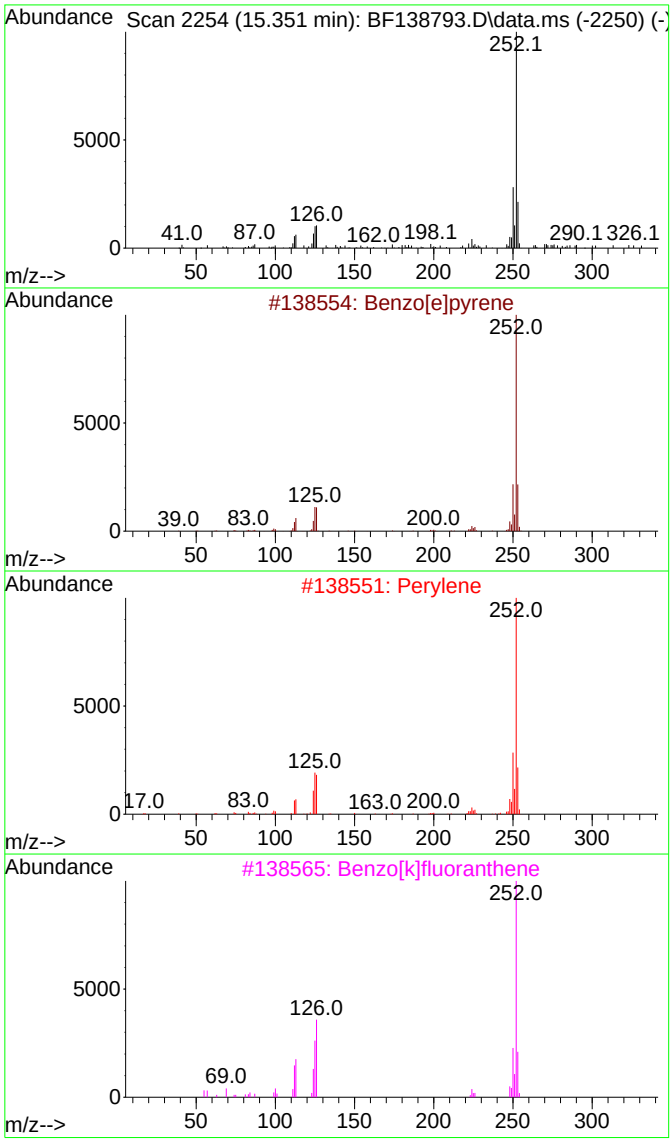
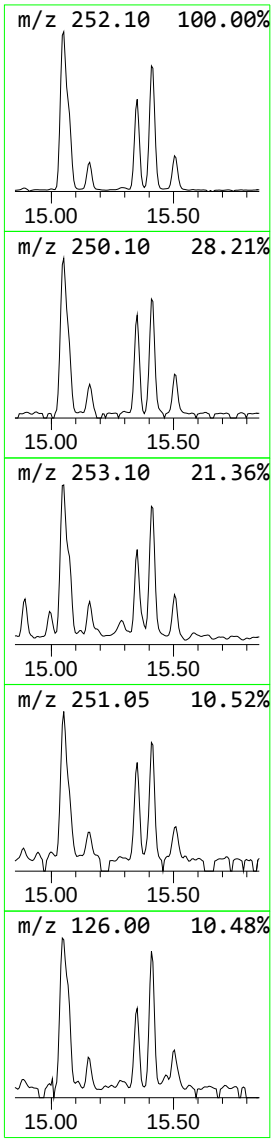
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	5.10 ng	47207	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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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, 4...	11.892	2.4	ng	32163	4	11.363	273653	20.0
4H-Cyclopenta[d...	11.980	3.1	ng	42805	4	11.363	273653	20.0
Fluoranthene, 2...	13.133	2.3	ng	34049	5	14.010	296835	20.0
Benzo[e]pyrene	15.351	5.1	ng	47207	6	15.474	185075	20.0