LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133717.D
Acq On : 12 Jun 2023 22:20
Operator : CG\JU
Sample : 03044-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133717.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.857	297	301	306	rBV4	4632	5907	1.22%	0.091%
2	5.434	566	569	579	rVB	278595	267928	55.49%	4.141%
3	6.451	739	742	753	rVB	301202	279027	57.79%	4.312%
4	6.834	803	807	810	rBV	482108	377100	78.10%	5.828%
5	7.392	898	902	905	rBV	172050	147900	30.63%	2.286%
6	8.116	1021	1025	1027	rBV	588738	434656	90.02%	6.717%
7	8.139	1027	1029	1033	rVB	64171	51344	10.63%	0.794%
8	8.828	1144	1146	1152	rVB	28634	22692	4.70%	0.351%
9	8.928	1159	1163	1167	rBV	24737	20044	4.15%	0.310%
10	9.186	1204	1207	1211	rBV	336518	278513	57.68%	4.304%
11	9.292	1223	1225	1228	rVB	9544	7400	1.53%	0.114%
12	9.457	1250	1253	1256	rBV2	7878	9947	2.06%	0.154%
13	9.528	1262	1265	1268	rBV	15478	14337	2.97%	0.222%
14	9.557	1268	1270	1272	rVB	9941	7775	1.61%	0.120%
15	9.645	1282	1285	1289	rBV	6837	6758	1.40%	0.104%
16	9.733	1297	1300	1305	rVB	16262	12307	2.55%	0.190%
17	9.875	1320	1324	1327	rVV	505811	432637	89.60%	6.686%
18	9.904	1327	1329	1333	rVB	68011	48696	10.09%	0.753%
19	10.028	1346	1350	1352	rBV2	6567	6489	1.34%	0.100%
20	10.075	1355	1358	1363	rVV	40697	37020	7.67%	0.572%
21	10.116	1363	1365	1370	rVB2	6103	7072	1.46%	0.109%
22	10.280	1389	1393	1394	rBV2	5348	6194	1.28%	0.096%
23	10.422	1413	1417	1421	rVB	49575	47336	9.80%	0.732%
24	10.486	1423	1428	1430	rBV2	7666	12475	2.58%	0.193%
25	10.580	1441	1444	1449	rVB2	33506	34907	7.23%	0.539%
26	10.657	1454	1457	1462	rVV	215931	193792	40.14%	2.995%
27	10.704	1462	1465	1468	rVB5	5431	6079	1.26%	0.094%
28	10.786	1475	1479	1482	rBV5	8819	10653	2.21%	0.165%
29	10.969	1505	1510	1513	rBV4	11219	13443	2.78%	0.208%
30	10.998	1513	1515	1518	rVB4	5462	6029	1.25%	0.093%
31	11.098	1528	1532	1534	rBV4	8461	11464	2.37%	0.177%
32	11.122	1534	1536	1540	rVV4	8811	8708	1.80%	0.135%
33	11.163	1540	1543	1547	rVB2	18172	19551	4.05%	0.302%
34	11.222	1548	1553	1556	rVV4	14402	19456	4.03%	0.301%
35	11.257	1556	1559	1565	rVB	34659	30826	6.38%	0.476%
36	11.363	1573	1577	1579	rBV	563652	482828	100.00%	7.462%

LSC Area Percent Report

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Misc :
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Instrument :
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SB-03-0-2.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.386	1579	1581	1584	rVV	507031	374075	77.48%	5.781%
38	11.439	1584	1590	1593	rVB	101890	102348	21.20%	1.582%
39	11.469	1593	1595	1598	rBV2	10956	11373	2.36%	0.176%
40	11.592	1609	1616	1622	rBV2	47878	60730	12.58%	0.939%
41	11.657	1624	1627	1631	rVV4	13534	16393	3.40%	0.253%
42	11.692	1631	1633	1638	rVB6	9592	14207	2.94%	0.220%
43	11.775	1645	1647	1651	rVB5	7447	7570	1.57%	0.117%
44	11.816	1651	1654	1656	rBV3	6723	7228	1.50%	0.112%
45	11.863	1659	1662	1664	rVV	50255	44219	9.16%	0.683%
46	11.892	1664	1667	1670	rVV	79306	78726	16.31%	1.217%
47	11.939	1672	1675	1678	rVB	29588	23842	4.94%	0.368%
48	11.974	1678	1681	1684	rBV	77733	87920	18.21%	1.359%
49	11.998	1684	1685	1688	rVB	37363	19948	4.13%	0.308%
50	12.039	1690	1692	1694	rBV3	7064	8848	1.83%	0.137%
51	12.163	1709	1713	1715	rBV	38543	38124	7.90%	0.589%
52	12.186	1715	1717	1720	rVB2	23091	19222	3.98%	0.297%
53	12.233	1723	1725	1727	rBV3	12313	9909	2.05%	0.153%
54	12.310	1736	1738	1741	rBV3	12703	10846	2.25%	0.168%
55	12.339	1741	1743	1745	rBV3	15992	11838	2.45%	0.183%
56	12.363	1745	1747	1750	rVB2	12540	9636	2.00%	0.149%
57	12.416	1753	1756	1758	rVV2	25164	28352	5.87%	0.438%
58	12.451	1759	1762	1764	rVV4	23732	27605	5.72%	0.427%
59	12.498	1768	1770	1774	rVV3	19659	22402	4.64%	0.346%
60	12.574	1780	1783	1788	rBV	459533	425604	88.15%	6.578%
61	12.727	1807	1809	1812	rVB	15713	15291	3.17%	0.236%
62	12.810	1816	1823	1828	rBV	382759	450934	93.39%	6.969%
63	12.857	1828	1831	1835	rBV2	22885	27971	5.79%	0.432%
64	12.927	1841	1843	1844	rBV	20672	15758	3.26%	0.244%
65	12.945	1844	1846	1853	rVB	285554	286496	59.34%	4.428%
66	13.133	1876	1878	1881	rVB	54416	44824	9.28%	0.693%
67	13.204	1888	1890	1892	rVB	32154	23687	4.91%	0.366%
68	13.239	1893	1896	1899	rVV2	38582	40899	8.47%	0.632%
69	14.004	2022	2026	2029	rBV2	353189	446551	92.49%	6.901%
70	14.033	2029	2031	2034	rVB	129662	97316	20.16%	1.504%
71	15.474	2273	2276	2279	rBV	175402	180541	37.39%	2.790%

Sum of corrected areas: 6470523

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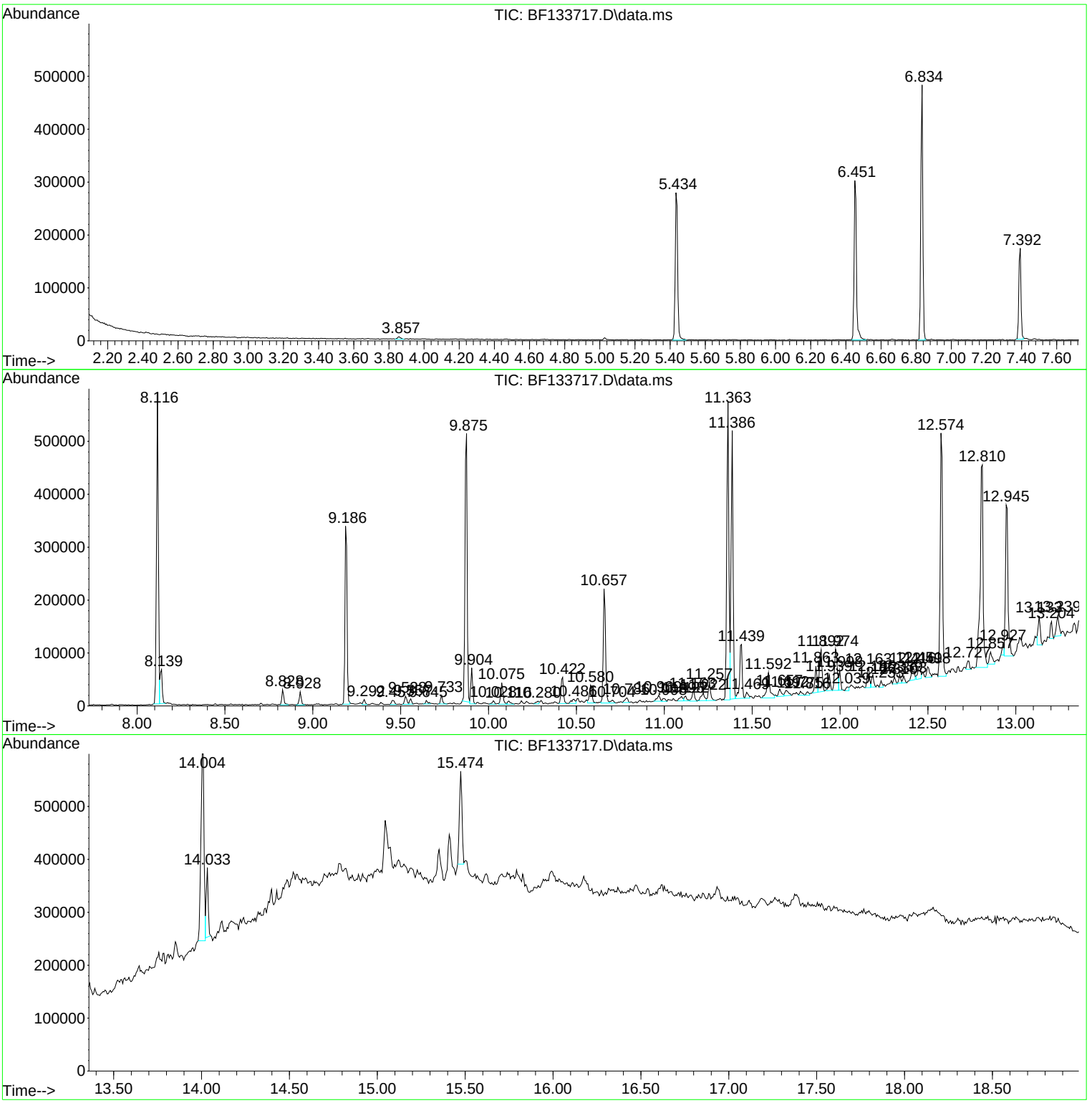
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

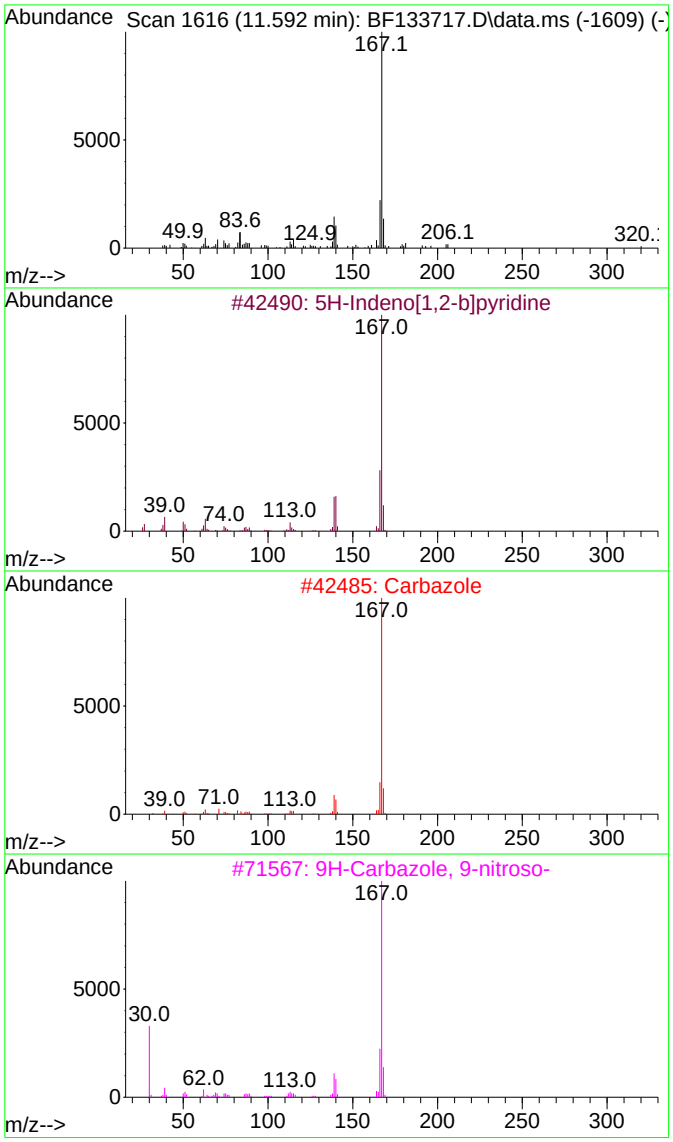
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

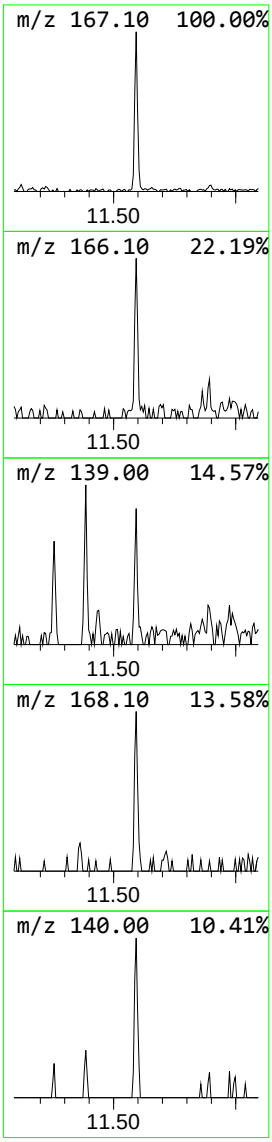
****

Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	2.52 ng	60730	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72
5	2-Azafluorene	167	C12H9N	000244-40-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133717.D
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Operator : CG\JU
Sample : 03044-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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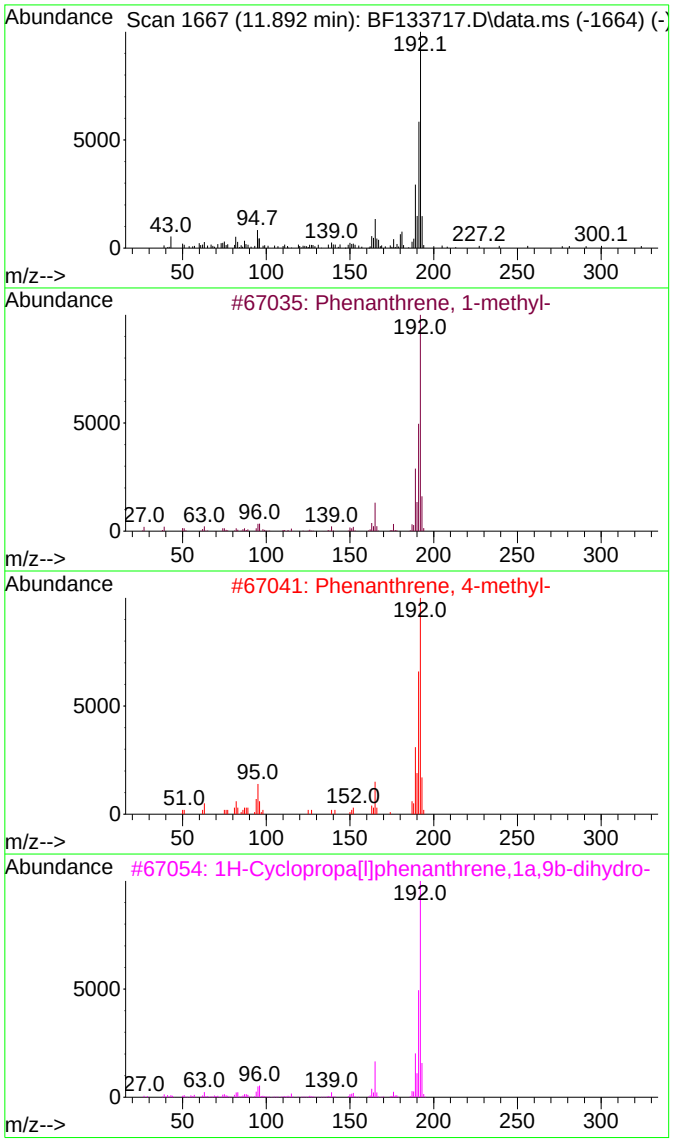
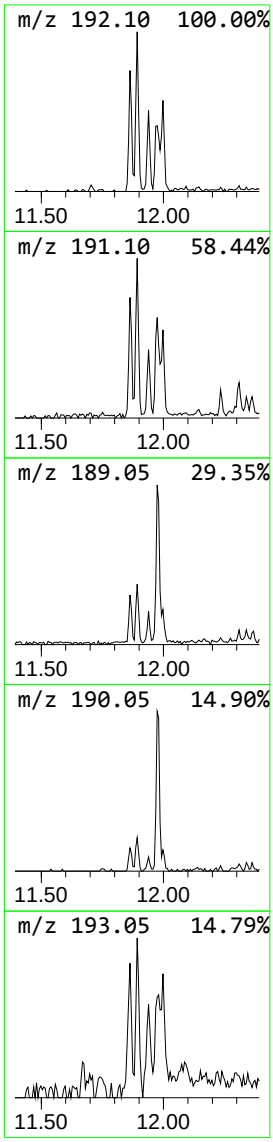
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.26 ng	78726	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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Acq On : 12 Jun 2023 22:20
Operator : CG\JU
Sample : 03044-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

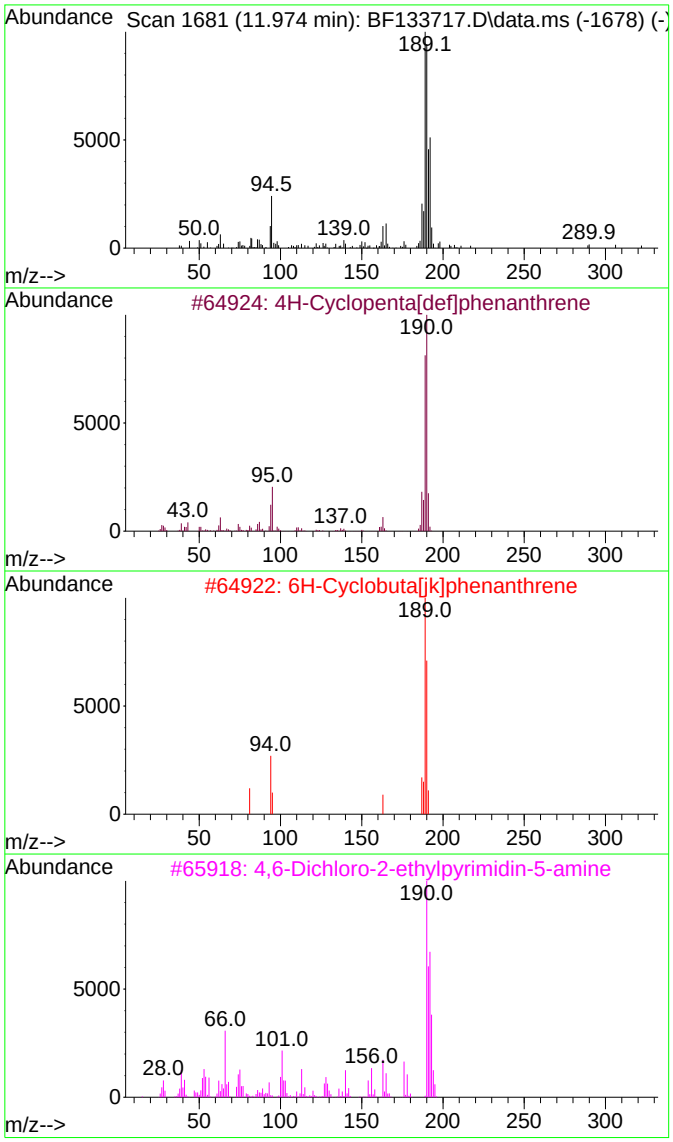
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

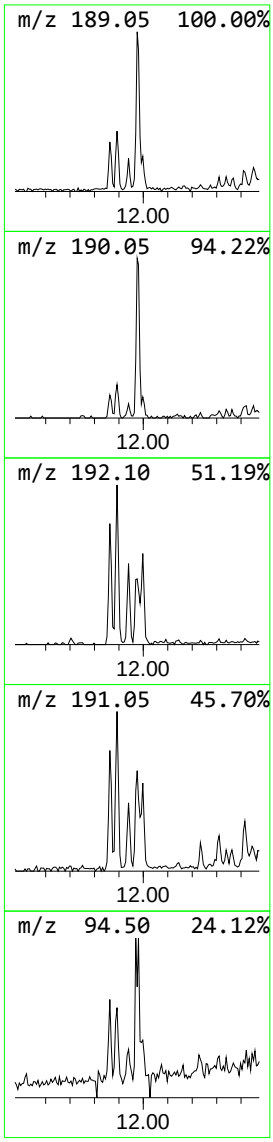
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.64 ng	87920	Phenanthrene-d10	11.363

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	58
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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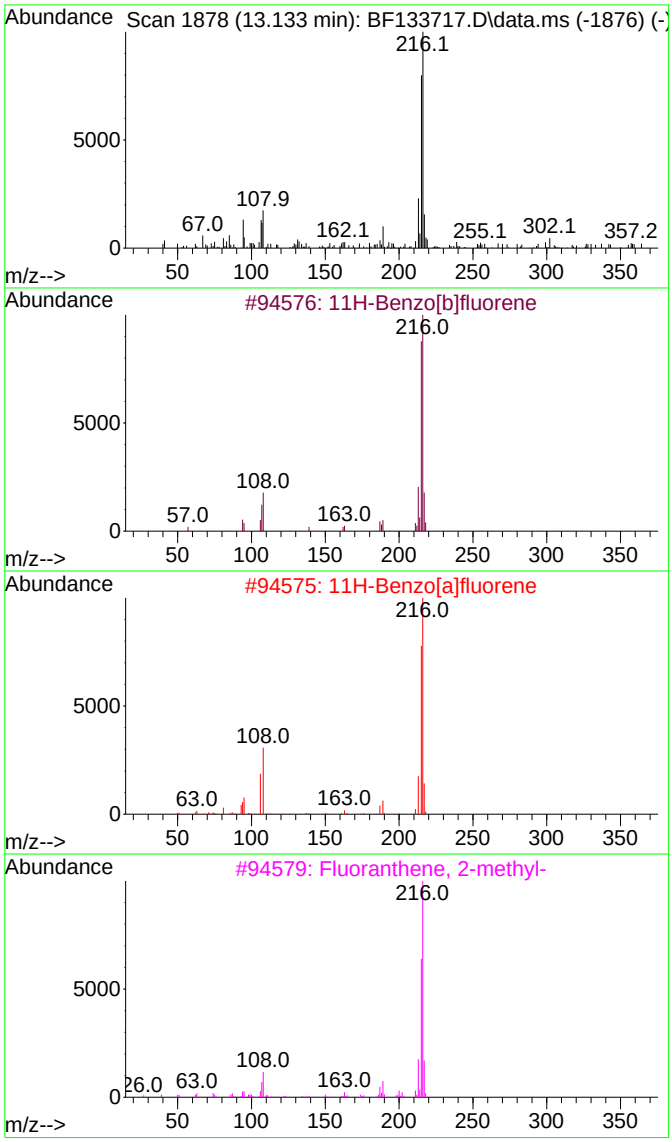
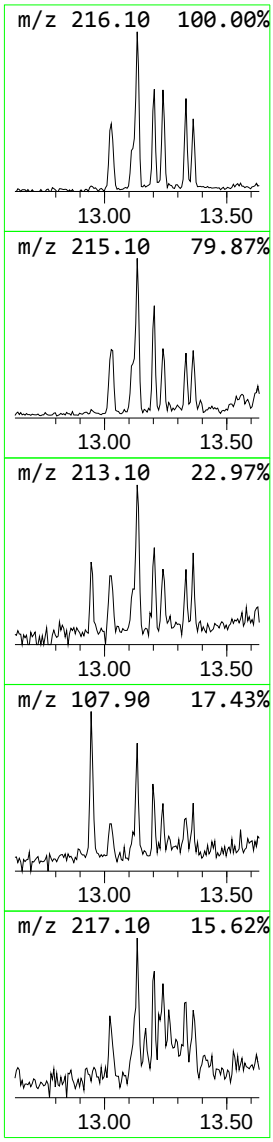
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.01 ng	44824	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
5H-Indeno[1,2-b...	11.592	2.5	ng	60730	4	11.363	482828	20.0
Phenanthrene, 1...	11.892	3.3	ng	78726	4	11.363	482828	20.0
4H-Cyclopenta[d...	11.975	3.6	ng	87920	4	11.363	482828	20.0
11H-Benzo[b]flu...	13.133	2.0	ng	44824	5	14.010	446551	20.0