LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-081622

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: BF129899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	459	462	474	rBV	12467	17594	1.33%	0.114%
2	5.434	532	535	552	rBV	168378	190898	14.41%	1.235%
3	6.451	705	708	721	rBV	168741	190913	14.41%	1.235%
4	6.793	762	766	772	rBV	961163	858630	64.79%	5.554%
5	7.357	859	862	872	rBV	132987	121155	9.14%	0.784%
6	8.075	980	984	987	rBV	1384182	1104142	83.32%	7.142%
7	8.786	1102	1105	1109	rBV	33245	27509	2.08%	0.178%
8	8.886	1117	1122	1125	rBV2	29153	26550	2.00%	0.172%
9	9.145	1162	1166	1170	rBV	289517	232747	17.56%	1.506%
10	9.410	1205	1211	1216	rBV3	15571	23095	1.74%	0.149%
11	9.486	1221	1224	1227	rBV	24717	26683	2.01%	0.173%
12	9.604	1241	1244	1249	rBV3	13459	17824	1.35%	0.115%
13	9.692	1253	1259	1263	rBV2	30505	34138	2.58%	0.221%
14	9.833	1277	1283	1286	rBV	1213836	1074522	81.09%	6.950%
15	9.863	1286	1288	1292	rVB	123190	93623	7.07%	0.606%
16	10.039	1314	1318	1320	rVV	56801	51156	3.86%	0.331%
17	10.075	1320	1324	1327	rVB2	14978	15967	1.20%	0.103%
18	10.145	1332	1336	1339	rBV3	16069	21912	1.65%	0.142%
19	10.251	1351	1354	1358	rVB3	18785	19514	1.47%	0.126%
20	10.381	1372	1376	1382	rVB2	117042	103168	7.79%	0.667%
21	10.463	1388	1390	1393	rVB3	21153	19439	1.47%	0.126%
22	10.539	1400	1403	1409	rVB	25064	29151	2.20%	0.189%
23	10.628	1414	1418	1421	rBV2	122810	124458	9.39%	0.805%
24	10.722	1431	1434	1438	rBV	26323	35128	2.65%	0.227%
25	10.928	1465	1469	1472	rBV2	25019	28821	2.17%	0.186%
26	11.057	1486	1491	1493	rBV6	14459	20318	1.53%	0.131%
27	11.080	1493	1495	1501	rVV3	15626	18420	1.39%	0.119%
28	11.133	1501	1504	1507	rVV	26301	23505	1.77%	0.152%
29	11.169	1507	1510	1513	rVV	38251	36162	2.73%	0.234%
30	11.222	1516	1519	1524	rVB	42072	42064	3.17%	0.272%
31	11.322	1532	1536	1538	rBV	1093674	915143	69.06%	5.920%
32	11.345	1538	1540	1544	rVV	774928	636453	48.03%	4.117%
33	11.398	1546	1549	1553	rVV	259631	213844	16.14%	1.383%
34	11.439	1554	1556	1560	rVB4	17049	16442	1.24%	0.106%
35	11.563	1572	1577	1580	rBV2	53682	69676	5.26%	0.451%
36	11.598	1580	1583	1584	rBV2	27811	21748	1.64%	0.141%

LSC Area Percent Report

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Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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	11.657	1590	1593	1597	rVB3	21469	27963	2.11%	0.181%
38	11.822	1618	1621	1624	rBV	88125	86737	6.55%	0.561%
39	11.851	1624	1626	1631	rVB	125697	110803	8.36%	0.717%
40	11.898	1631	1634	1637	rBV	53237	55080	4.16%	0.356%
41	11.939	1637	1641	1643	rVV2	183371	188679	14.24%	1.220%
42	11.957	1643	1644	1649	rVB	66533	46411	3.50%	0.300%
43	12.004	1649	1652	1655	rBV2	42205	38212	2.88%	0.247%
44	12.057	1659	1661	1664	rBV4	17997	17177	1.30%	0.111%
45	12.116	1668	1671	1676	rVV	67721	75699	5.71%	0.490%
46	12.157	1676	1678	1682	rVB2	49878	43082	3.25%	0.279%
47	12.298	1700	1702	1704	rBV	24671	19544	1.47%	0.126%
48	12.322	1704	1706	1709	rVB3	26651	27137	2.05%	0.176%
49	12.374	1712	1715	1717	rBV	71042	75196	5.67%	0.486%
50	12.469	1727	1731	1734	rBV2	80287	97077	7.33%	0.628%
51	12.539	1739	1743	1747	rBV	1405651	1234545	93.16%	7.986%
52	12.580	1747	1750	1752	rBV3	18529	19775	1.49%	0.128%
53	12.604	1752	1754	1757	rBV	23235	19814	1.50%	0.128%
54	12.639	1757	1760	1763	rBV2	24605	21655	1.63%	0.140%
55	12.692	1766	1769	1771	rVB2	51980	45428	3.43%	0.294%
56	12.716	1771	1773	1776	rVB3	35889	30519	2.30%	0.197%
57	12.769	1776	1782	1788	rBV	1164678	1304700	98.46%	8.439%
58	12.822	1788	1791	1794	rBV3	58206	57797	4.36%	0.374%
59	12.904	1798	1805	1807	rBV2	253122	294015	22.19%	1.902%
60	12.980	1815	1818	1823	rBV3	76317	134910	10.18%	0.873%
61	13.074	1831	1834	1835	rBV2	69019	70644	5.33%	0.457%
62	13.098	1835	1838	1840	rVV	151018	143027	10.79%	0.925%
63	13.122	1840	1842	1844	rVB	42444	32125	2.42%	0.208%
64	13.163	1846	1849	1852	rVB2	125472	92597	6.99%	0.599%
65	13.204	1852	1856	1859	rBV2	99167	130796	9.87%	0.846%
66	13.298	1869	1872	1874	rBV2	51960	43358	3.27%	0.280%
67	13.327	1874	1877	1881	rBV2	66523	93092	7.03%	0.602%
68	13.616	1923	1926	1929	rBV	76011	78612	5.93%	0.508%
69	13.721	1942	1944	1946	rVB	83570	59268	4.47%	0.383%
70	13.745	1946	1948	1950	rBV	81758	65625	4.95%	0.424%
71	13.774	1950	1953	1954	rBV	85603	71242	5.38%	0.461%
72	13.827	1959	1962	1964	rVV	71668	70003	5.28%	0.453%
73	13.969	1982	1986	1989	rBV2	970704	1325151	100.00%	8.572%
74	13.998	1989	1991	1997	rVB	485323	420483	31.73%	2.720%
75	14.063	1998	2002	2007	rBV2	346757	439385	33.16%	2.842%
76	15.016	2160	2164	2167	rBV	437697	668751	50.47%	4.326%

LSC Area Percent Report

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Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-081622

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	15.315	2212	2215	2219	rVB	209842	233561	17.63%	1.511%
78	15.374	2222	2225	2230	rVB	326321	393489	29.69%	2.545%
79	15.439	2232	2236	2239	rVV	427312	454071	34.27%	2.937%

Sum of corrected areas: 15459747

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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Misc :
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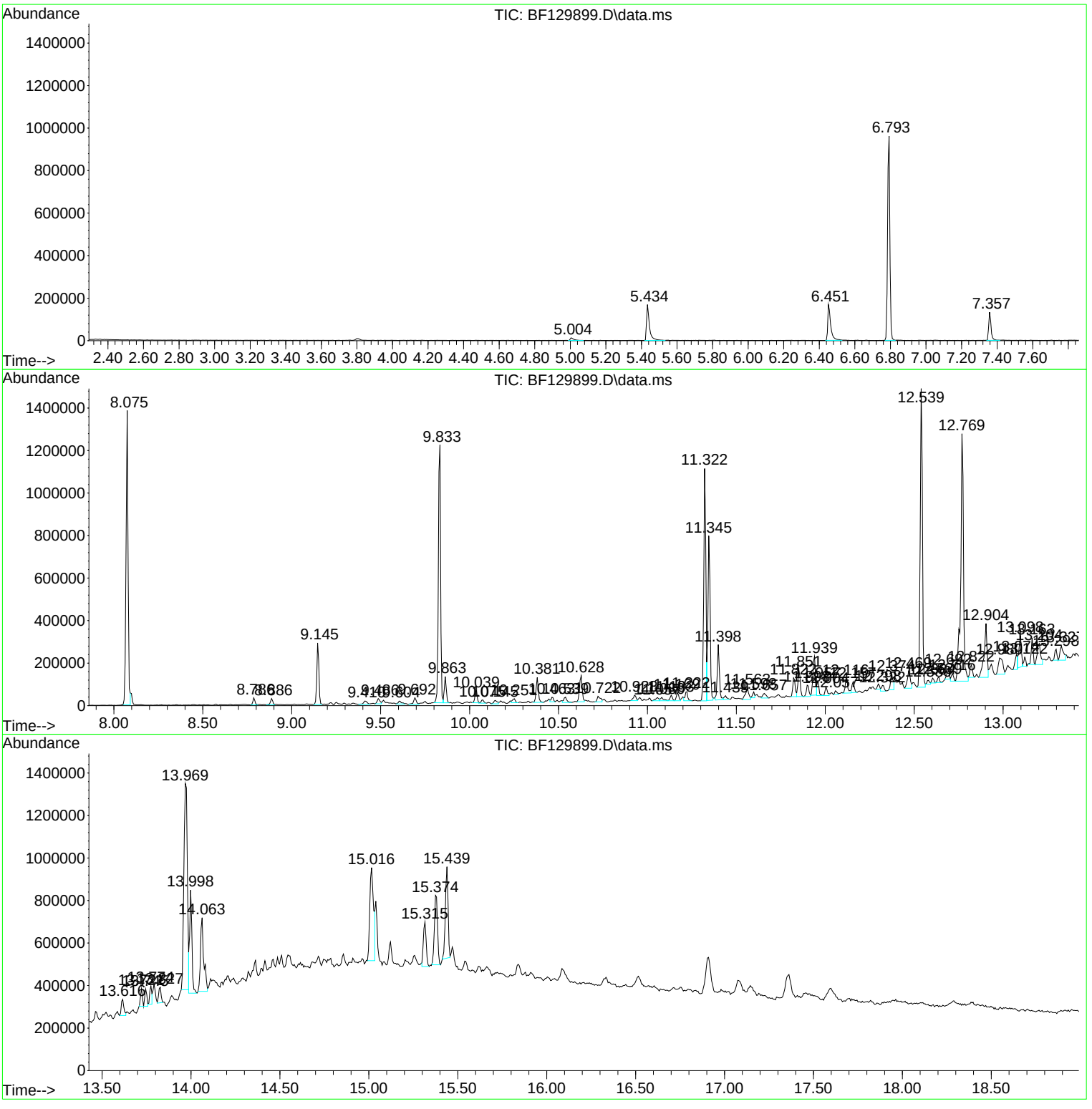
Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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 : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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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

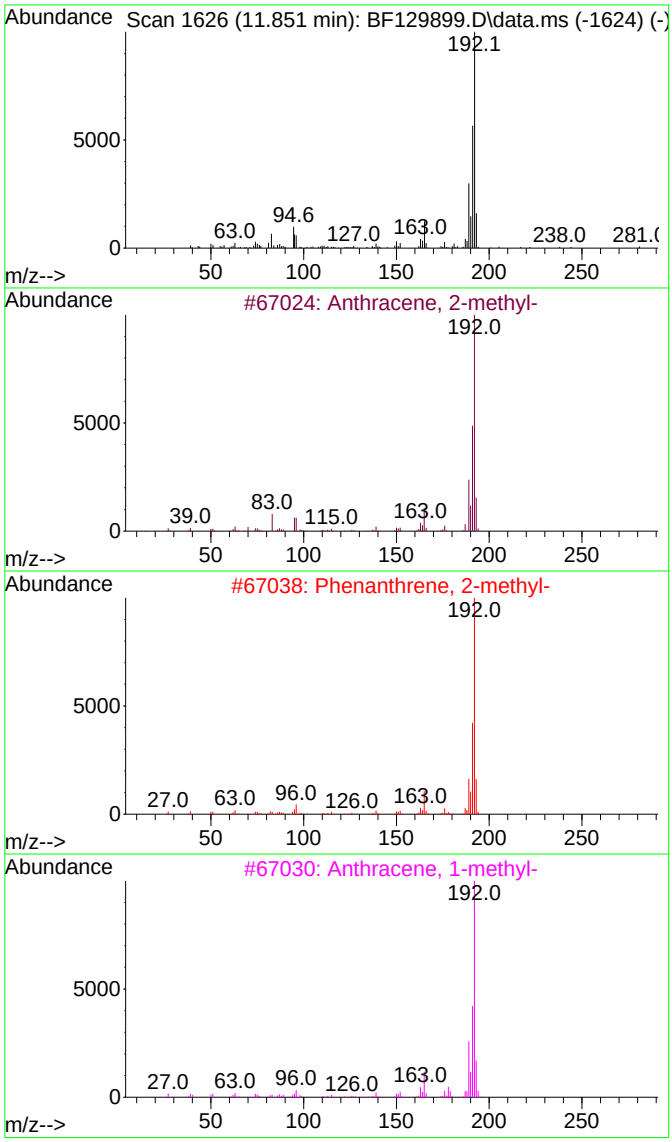
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

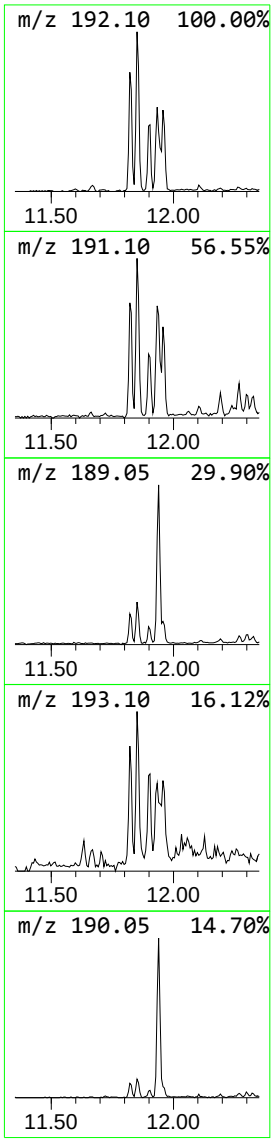
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.42 ng	110803	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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

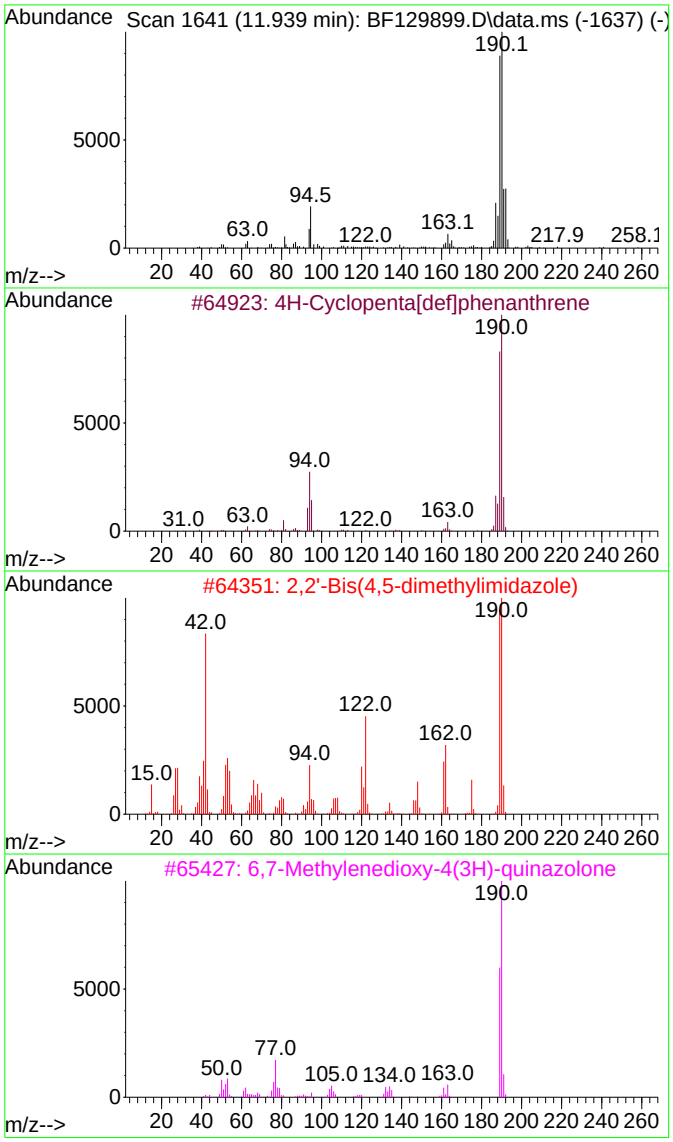
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

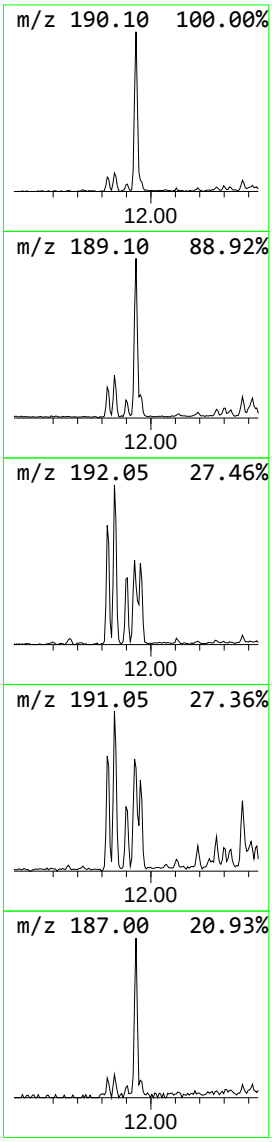
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.12 ng	188679	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 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

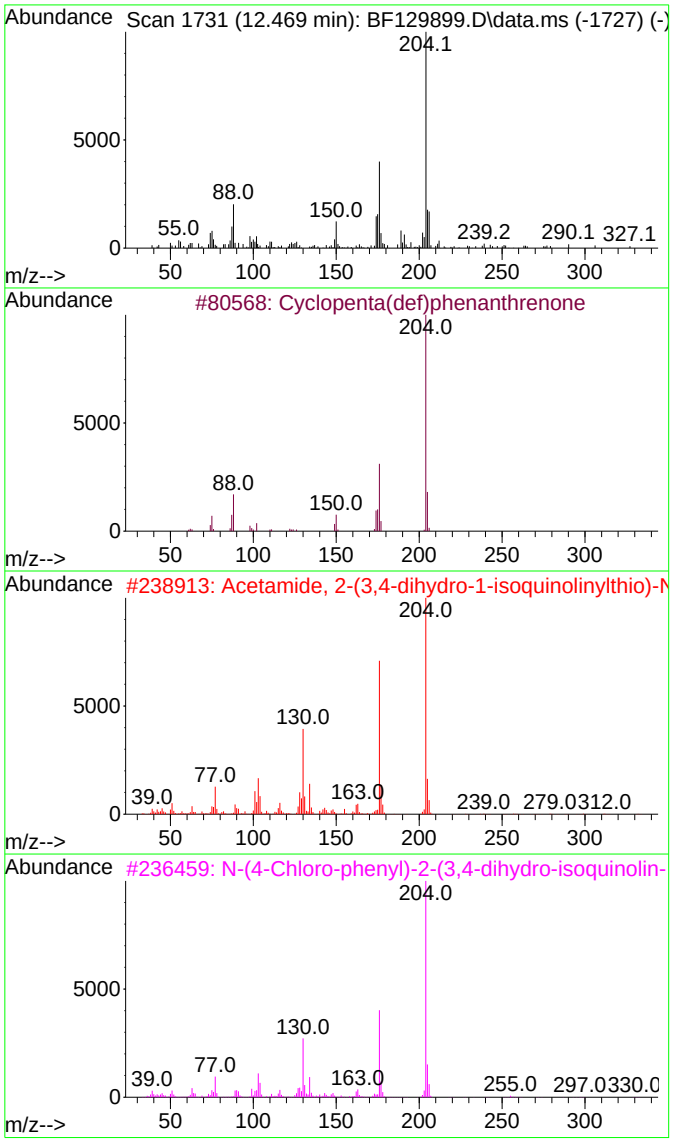
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

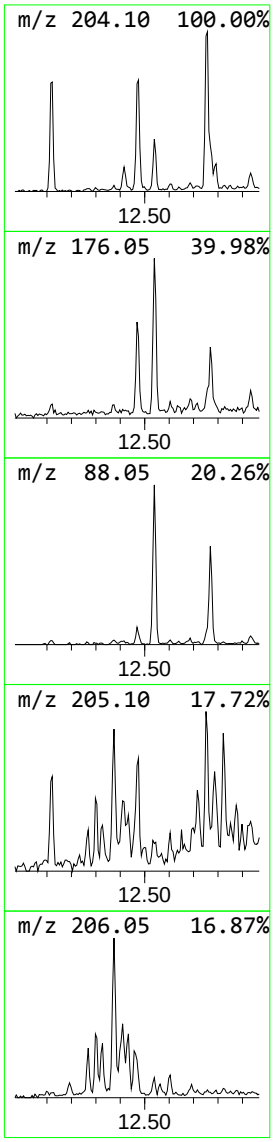
****

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.12 ng	97077	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

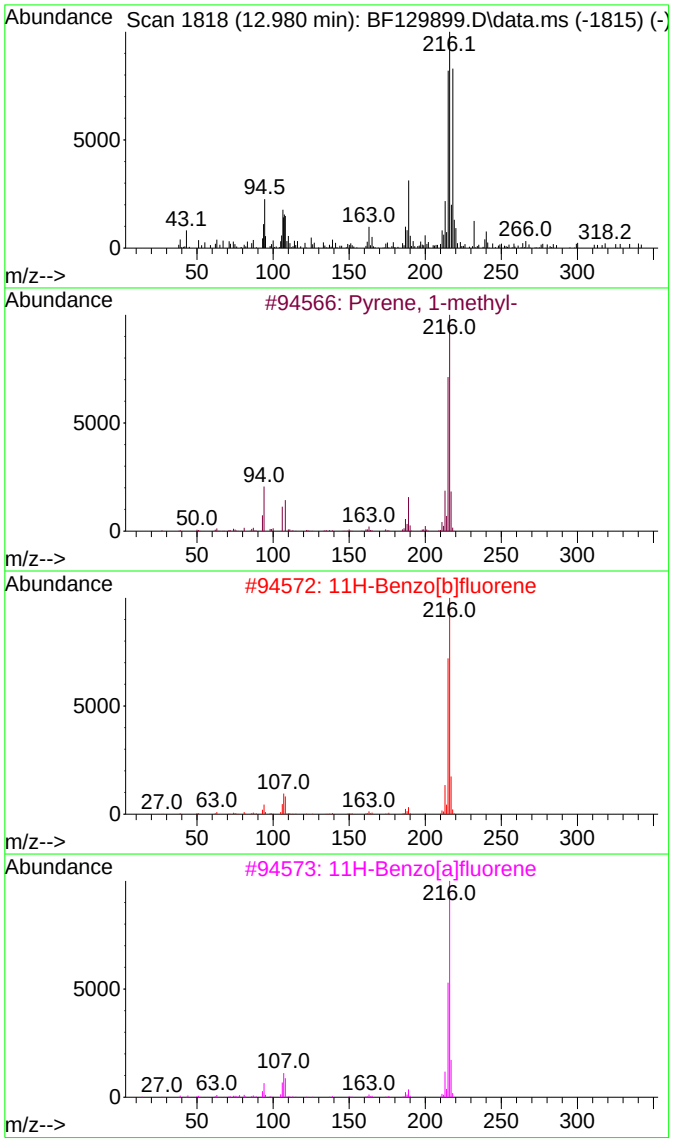
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

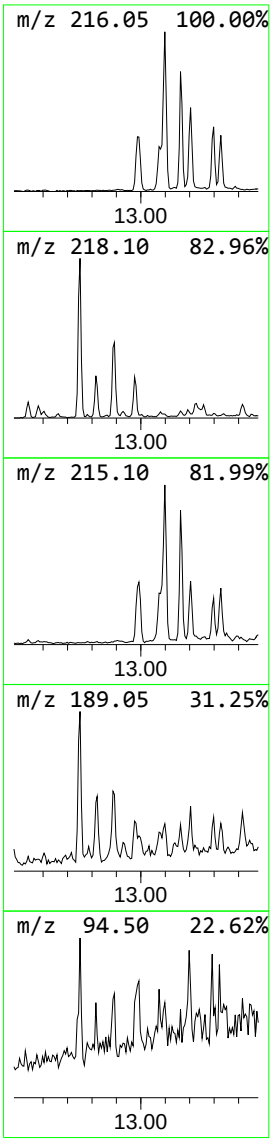
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.04 ng	134910	Chrysene-d12	13.974

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





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Misc :
ALS Vial : 22 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

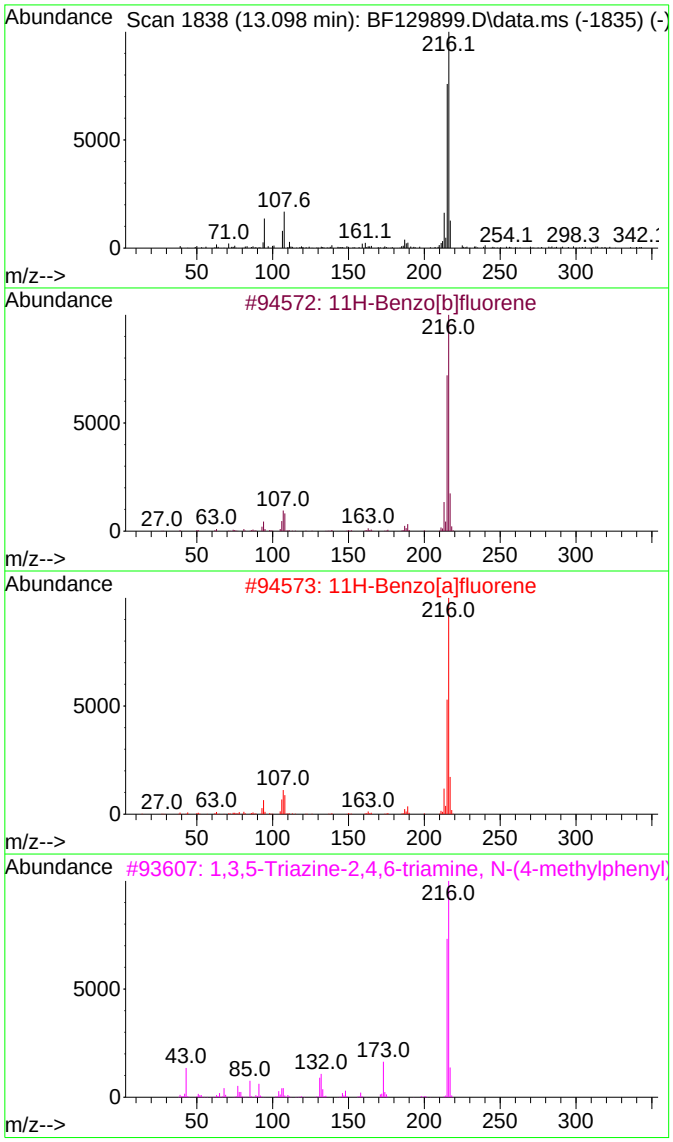
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

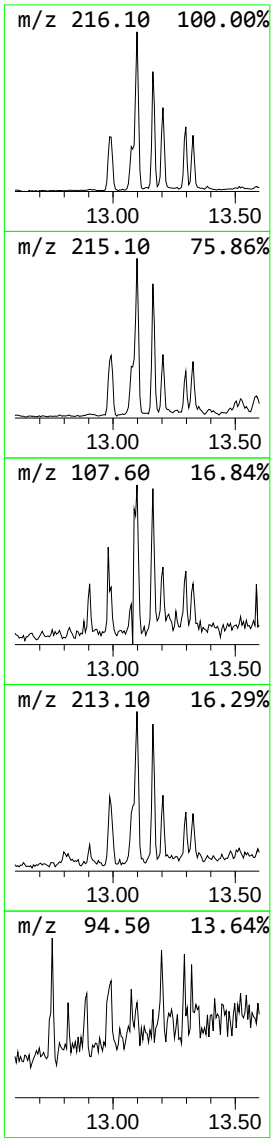
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.16 ng	143027	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
4	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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

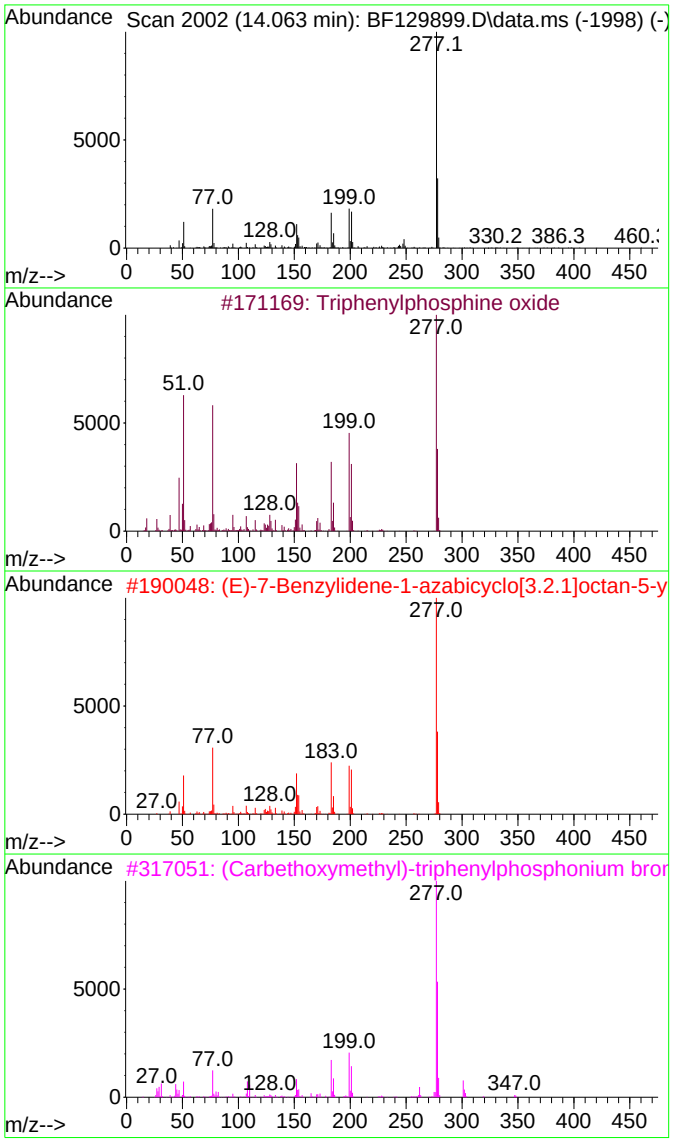
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

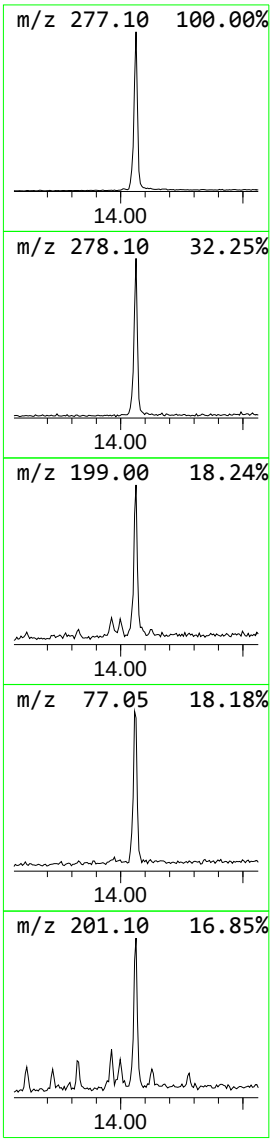
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	6.63 ng	439385	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	53
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	50
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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

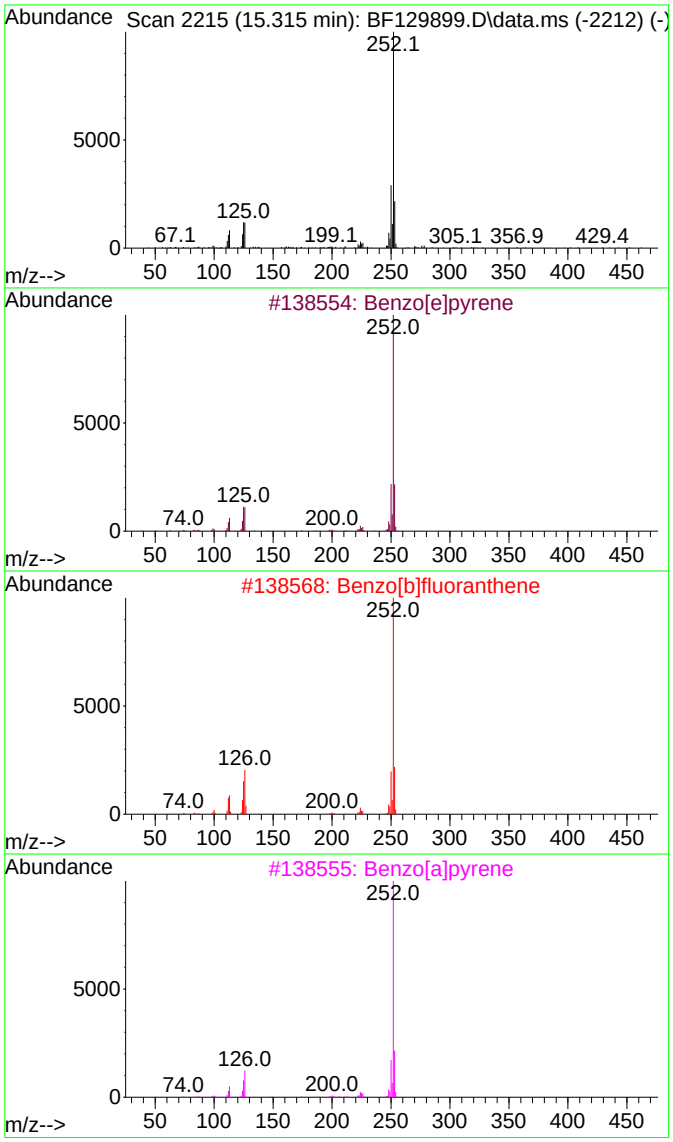
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

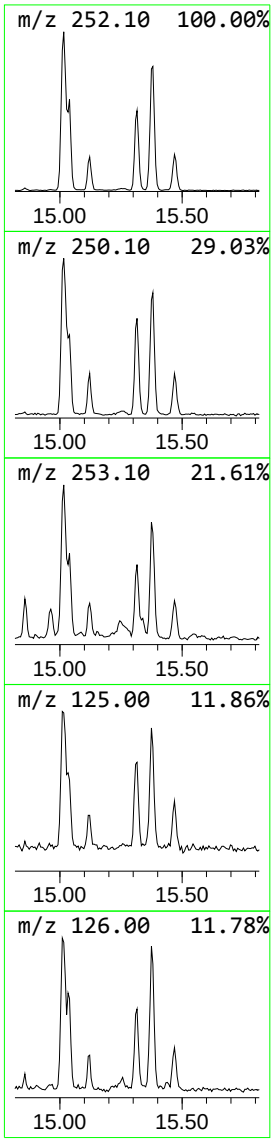
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	10.29 ng	233561	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129899.D
Acq On : 19 Aug 2022 03:38
Operator : CG\JU
Sample : N4228-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081622

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
Anthracene, 2-m...	11.851	2.4	ng	110803	4	11.322	915143	20.0
4H-Cyclopenta[d...	11.939	4.1	ng	188679	4	11.322	915143	20.0
Cyclopenta(def)...	12.469	2.1	ng	97077	4	11.322	915143	20.0
Pyrene, 1-methyl-	12.980	2.0	ng	134910	5	13.974	1325150	20.0
11H-Benzo[b]flu...	13.098	2.2	ng	143027	5	13.974	1325150	20.0
Triphenylphosph...	14.063	6.6	ng	439385	5	13.974	1325150	20.0
Benzo[e]pyrene	15.316	10.3	ng	233561	6	15.439	454071	20.0