LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.893	268	273	280	rVB	24566	33942	2.33%	0.206%
2	5.475	539	542	554	rBV	468053	485908	33.32%	2.953%
3	5.669	571	575	580	rVB2	16053	18912	1.30%	0.115%
4	6.492	712	715	727	rBV	520482	516538	35.42%	3.139%
5	6.663	740	744	748	rBV2	17962	22303	1.53%	0.136%
6	6.834	770	773	777	rBV	1226758	1049147	71.94%	6.375%
7	7.098	813	818	825	rBV	15690	16682	1.14%	0.101%
8	7.398	865	869	875	rBV	382555	313552	21.50%	1.905%
9	8.122	987	992	994	rBV	1414148	1296911	88.94%	7.881%
10	8.139	994	995	999	rVB	76487	42975	2.95%	0.261%
11	8.763	1095	1101	1105	rVB2	10880	17731	1.22%	0.108%
12	8.833	1109	1113	1116	rBV2	35198	33520	2.30%	0.204%
13	8.933	1126	1130	1133	rVB	23054	20608	1.41%	0.125%
14	9.192	1170	1174	1177	rBV	677780	573141	39.30%	3.483%
15	9.457	1213	1219	1223	rVB2	12519	17928	1.23%	0.109%
16	9.533	1227	1232	1234	rBV	21490	24017	1.65%	0.146%
17	9.598	1241	1243	1247	rVB	28430	22246	1.53%	0.135%
18	9.645	1247	1251	1254	rBV2	13153	15281	1.05%	0.093%
19	9.733	1263	1266	1270	rBV	124022	109786	7.53%	0.667%
20	9.875	1286	1290	1293	rVV	1508034	1187414	81.43%	7.216%
21	9.910	1293	1296	1299	rVB2	18203	17959	1.23%	0.109%
22	10.075	1320	1324	1327	rBV2	17295	19512	1.34%	0.119%
23	10.116	1327	1331	1334	rVB	15442	14941	1.02%	0.091%
24	10.186	1339	1343	1346	rBV2	20638	27015	1.85%	0.164%
25	10.292	1354	1361	1364	rBV7	16346	32498	2.23%	0.197%
26	10.327	1364	1367	1370	rBV	25370	22397	1.54%	0.136%
27	10.422	1380	1383	1389	rVB3	22860	35331	2.42%	0.215%
28	10.669	1421	1425	1434	rVB	245254	223842	15.35%	1.360%
29	10.780	1439	1444	1450	rVB5	22988	46836	3.21%	0.285%
30	10.969	1472	1476	1479	rBV3	17043	24127	1.65%	0.147%
31	11.098	1493	1498	1500	rBV4	16270	20411	1.40%	0.124%
32	11.122	1500	1502	1505	rVV2	28076	29354	2.01%	0.178%
33	11.169	1508	1510	1514	rVV	29154	34027	2.33%	0.207%
34	11.210	1514	1517	1520	rVV4	29867	34649	2.38%	0.211%
35	11.263	1524	1526	1530	rVB2	21041	17499	1.20%	0.106%
36	11.363	1539	1543	1546	rBV	1167111	1058526	72.59%	6.432%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.386	1546	1547	1553	rVV	326884	221368	15.18%	1.345%
38	11.439	1553	1556	1559	rVV	108999	87284	5.99%	0.530%
39	11.474	1559	1562	1565	rVB2	15887	21180	1.45%	0.129%
40	11.604	1579	1584	1587	rBV3	17327	33170	2.27%	0.202%
41	11.639	1587	1590	1591	rVV3	27083	26116	1.79%	0.159%
42	11.657	1591	1593	1596	rVB	32510	26168	1.79%	0.159%
43	11.698	1597	1600	1604	rVB2	27381	28319	1.94%	0.172%
44	11.739	1605	1607	1612	rBV3	18329	26451	1.81%	0.161%
45	11.869	1626	1629	1631	rBV	110996	99840	6.85%	0.607%
46	11.892	1631	1633	1636	rVB	127645	114759	7.87%	0.697%
47	11.945	1636	1642	1644	rBV	47334	49629	3.40%	0.302%
48	11.974	1644	1647	1650	rVV2	163676	189310	12.98%	1.150%
49	12.004	1650	1652	1654	rVV	96903	77585	5.32%	0.471%
50	12.045	1657	1659	1662	rBV3	27005	27914	1.91%	0.170%
51	12.098	1666	1668	1671	rBV2	21517	17875	1.23%	0.109%
52	12.163	1675	1679	1681	rVV2	77740	85738	5.88%	0.521%
53	12.192	1681	1684	1690	rVB3	46147	50631	3.47%	0.308%
54	12.310	1702	1704	1707	rVB2	21994	15038	1.03%	0.091%
55	12.339	1707	1709	1712	rBV	30893	23237	1.59%	0.141%
56	12.368	1712	1714	1716	rVB	25689	18074	1.24%	0.110%
57	12.416	1719	1722	1725	rBV	132741	138302	9.48%	0.840%
58	12.451	1725	1728	1731	rVV3	76721	106420	7.30%	0.647%
59	12.474	1731	1732	1734	rVB	46091	21970	1.51%	0.134%
60	12.510	1734	1738	1741	rBV3	75206	93903	6.44%	0.571%
61	12.580	1746	1750	1754	rBV	673770	554264	38.01%	3.368%
62	12.621	1754	1757	1759	rBV2	29217	31512	2.16%	0.191%
63	12.645	1759	1761	1763	rVB2	37541	27670	1.90%	0.168%
64	12.674	1763	1766	1769	rBV	93529	84810	5.82%	0.515%
65	12.751	1777	1779	1783	rVB	51221	45568	3.12%	0.277%
66	12.810	1783	1789	1795	rBV	795003	815128	55.90%	4.953%
67	12.863	1795	1798	1801	rBV2	51775	53524	3.67%	0.325%
68	12.945	1809	1812	1815	rVB	512087	399357	27.39%	2.427%
69	13.027	1822	1826	1832	rBV5	104599	179604	12.32%	1.091%
70	13.115	1837	1841	1843	rVV3	95952	141167	9.68%	0.858%
71	13.139	1843	1845	1848	rVB	136281	115408	7.91%	0.701%
72	13.204	1854	1856	1859	rBV	75827	59681	4.09%	0.363%
73	13.245	1860	1863	1866	rVB2	125770	119343	8.18%	0.725%
74	13.339	1876	1879	1881	rVV	110150	89585	6.14%	0.544%
75	13.368	1881	1884	1887	rVB	115943	100619	6.90%	0.611%
76	13.651	1929	1932	1936	rVB	106550	102426	7.02%	0.622%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.763	1948	1951	1953	rVB2	77412	69259	4.75%	0.421%
78	13.786	1953	1955	1958	rVB	83004	63765	4.37%	0.387%
79	13.815	1958	1960	1962	rBV	65428	60120	4.12%	0.365%
80	13.863	1965	1968	1972	rBV	86858	76364	5.24%	0.464%
81	14.015	1989	1994	1996	rBV2	1174873	1458266	100.00%	8.862%
82	14.039	1996	1998	2004	rVV	467287	372421	25.54%	2.263%
83	14.098	2005	2008	2013	rVV	345287	343464	23.55%	2.087%
84	14.162	2017	2019	2027	rVB3	103230	134127	9.20%	0.815%
85	14.398	2057	2059	2063	rVB	143258	126898	8.70%	0.771%
86	14.527	2078	2081	2083	rBV2	86658	93141	6.39%	0.566%
87	15.057	2167	2171	2174	rBV	291917	421479	28.90%	2.561%
88	15.362	2220	2223	2228	rVB	194891	233875	16.04%	1.421%
89	15.427	2230	2234	2238	rBV	251850	328116	22.50%	1.994%
90	15.486	2240	2244	2248	rBV	543960	677317	46.45%	4.116%

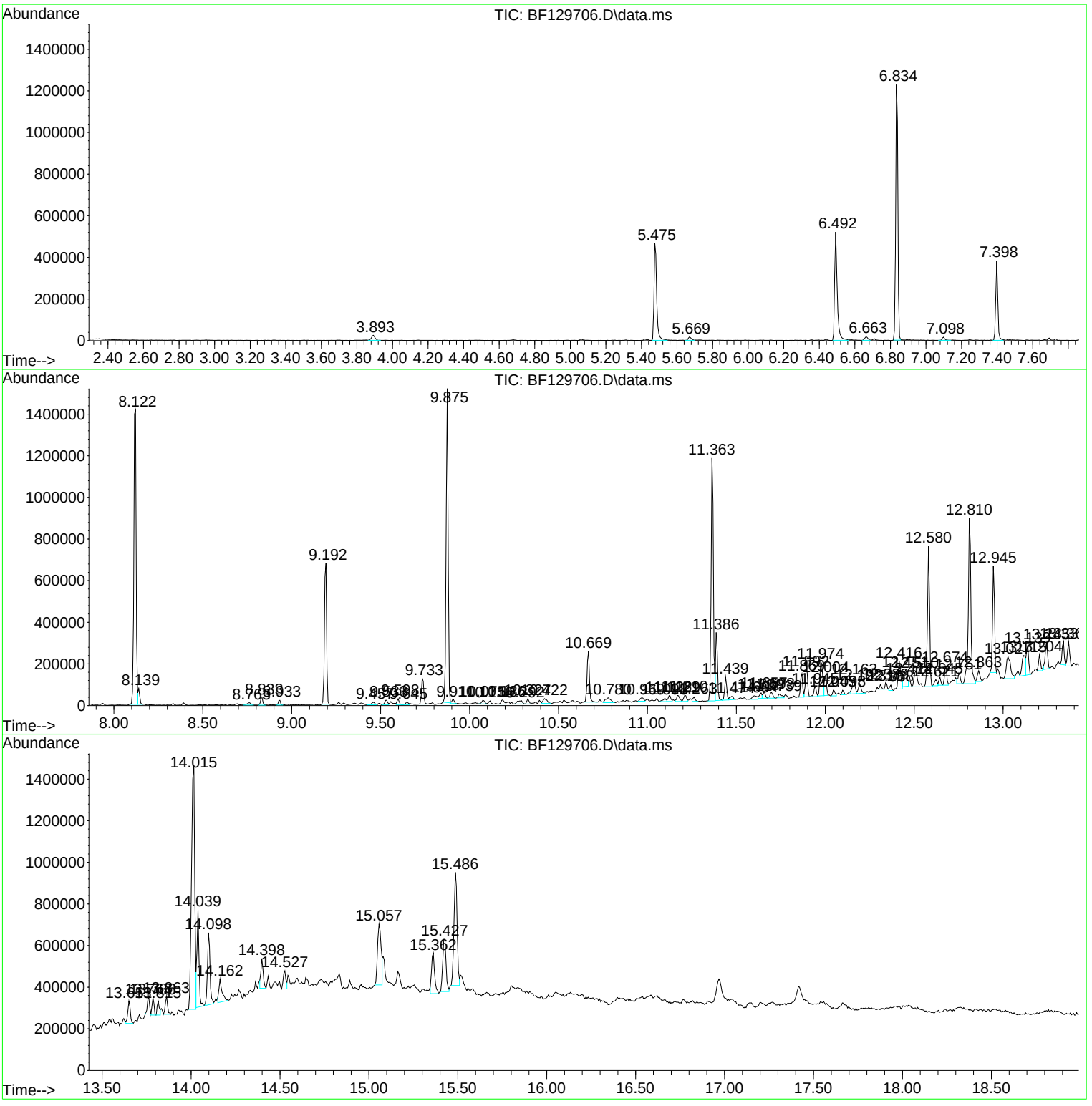
Sum of corrected areas: 16456025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

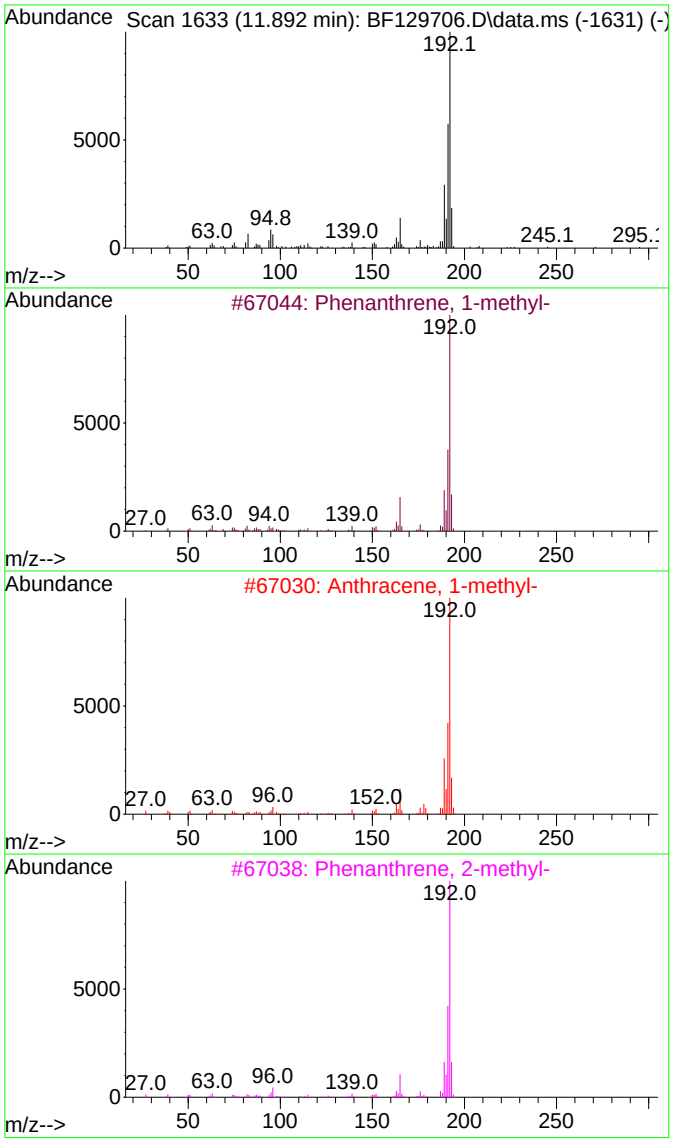
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

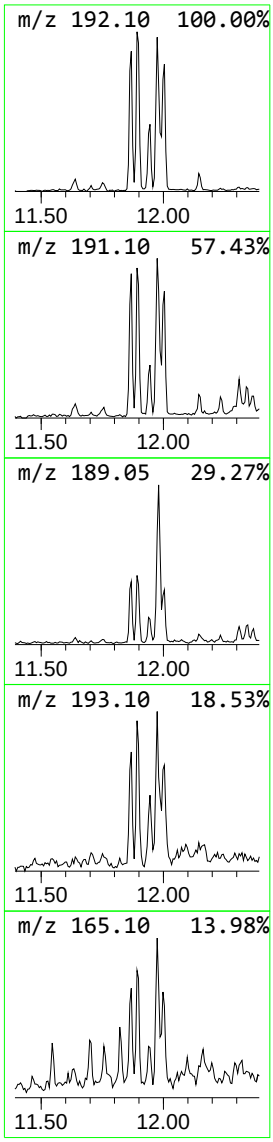
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.17 ng	114759	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

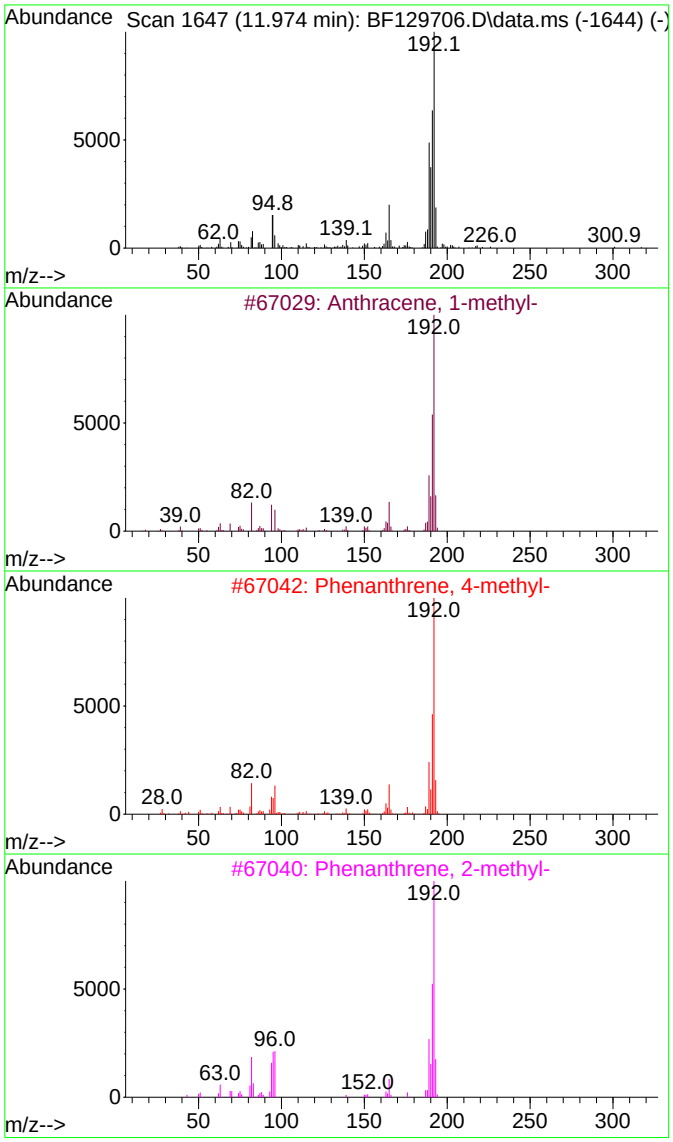
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

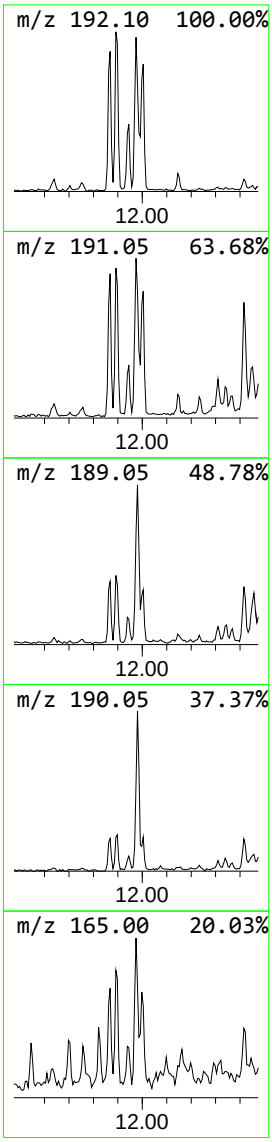
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	3.58 ng	189310	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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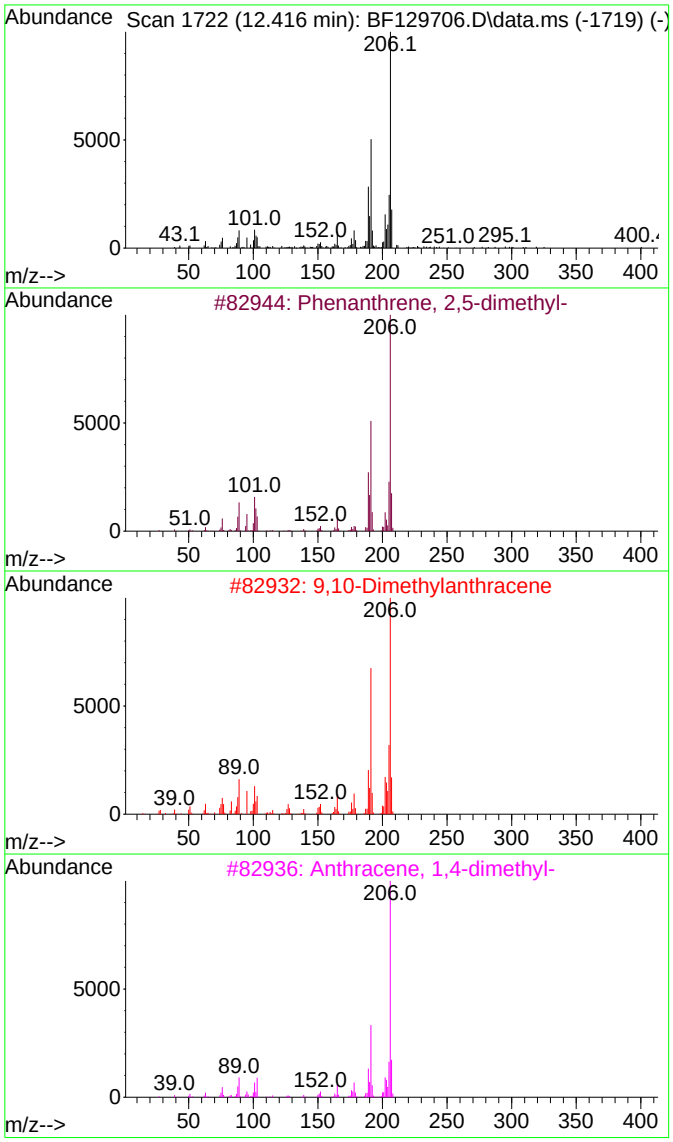
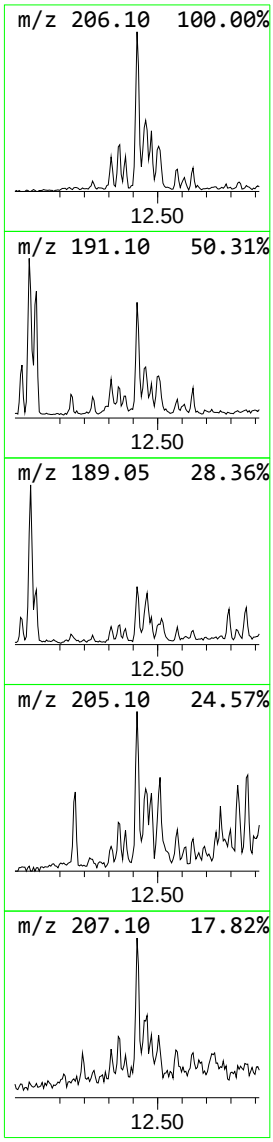
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.61 ng	138302	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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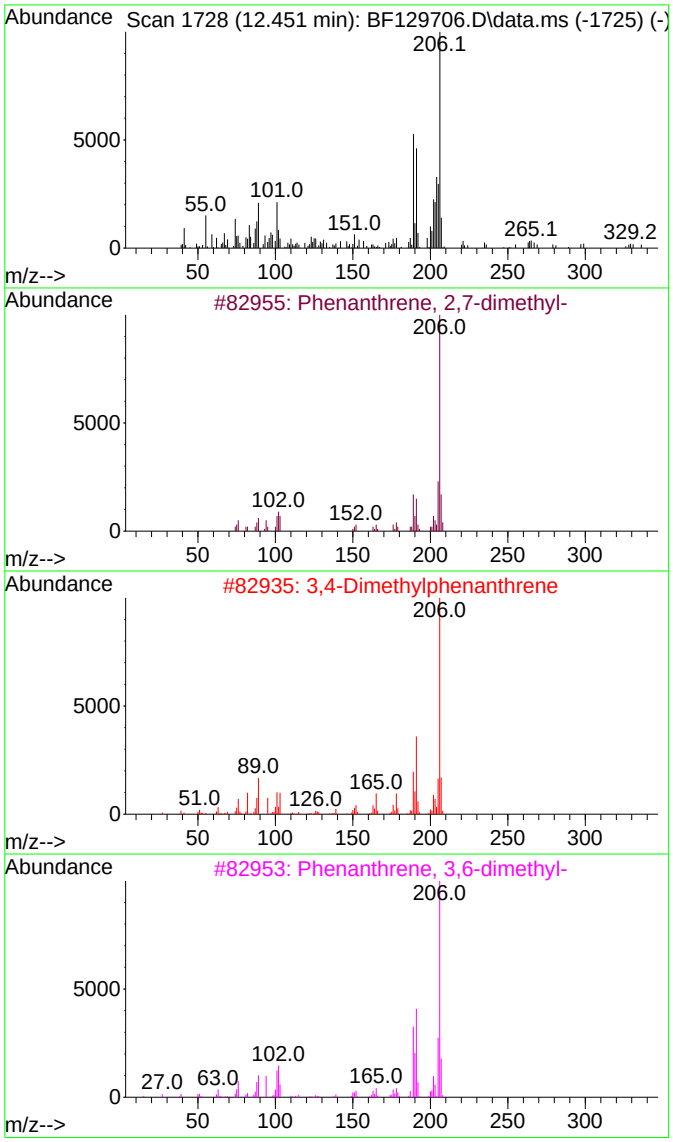
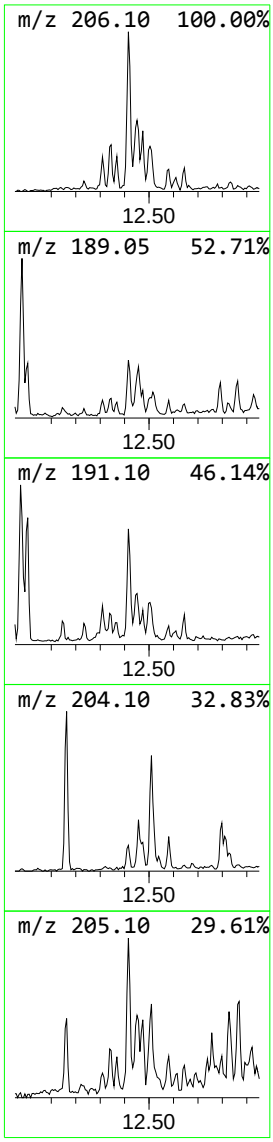
Peak Number 4 Phenanthrene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.01 ng	106420	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	52
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

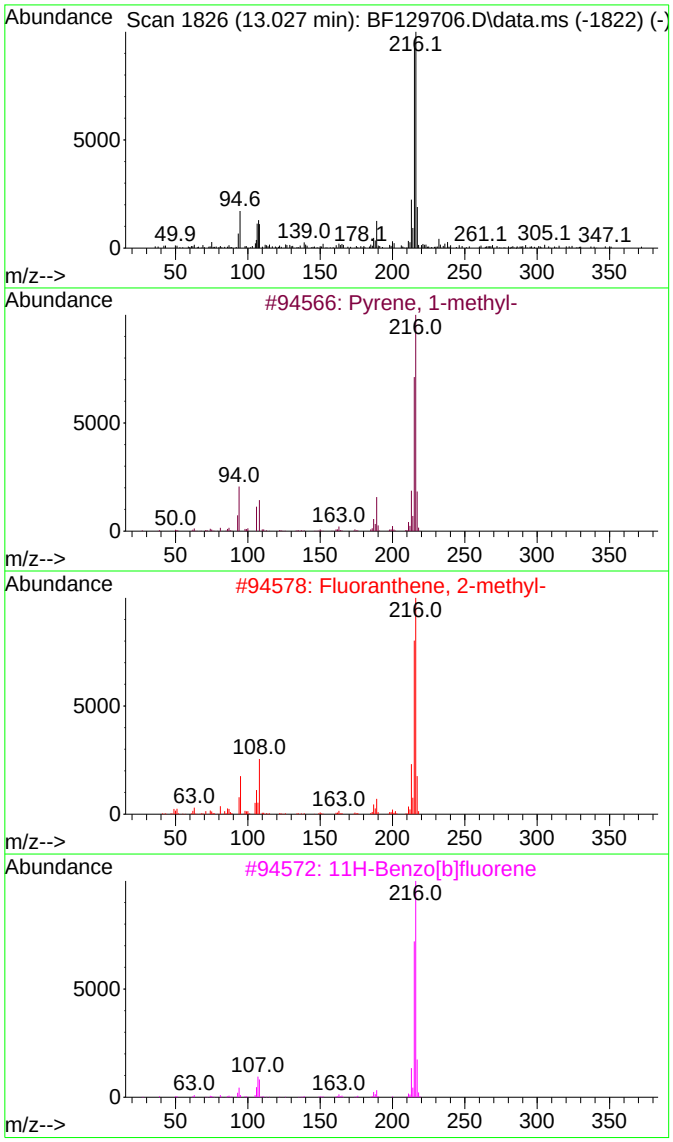
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

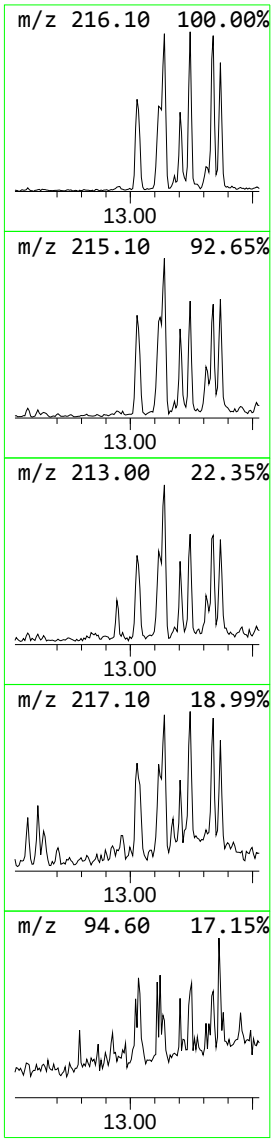
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.46 ng	179604	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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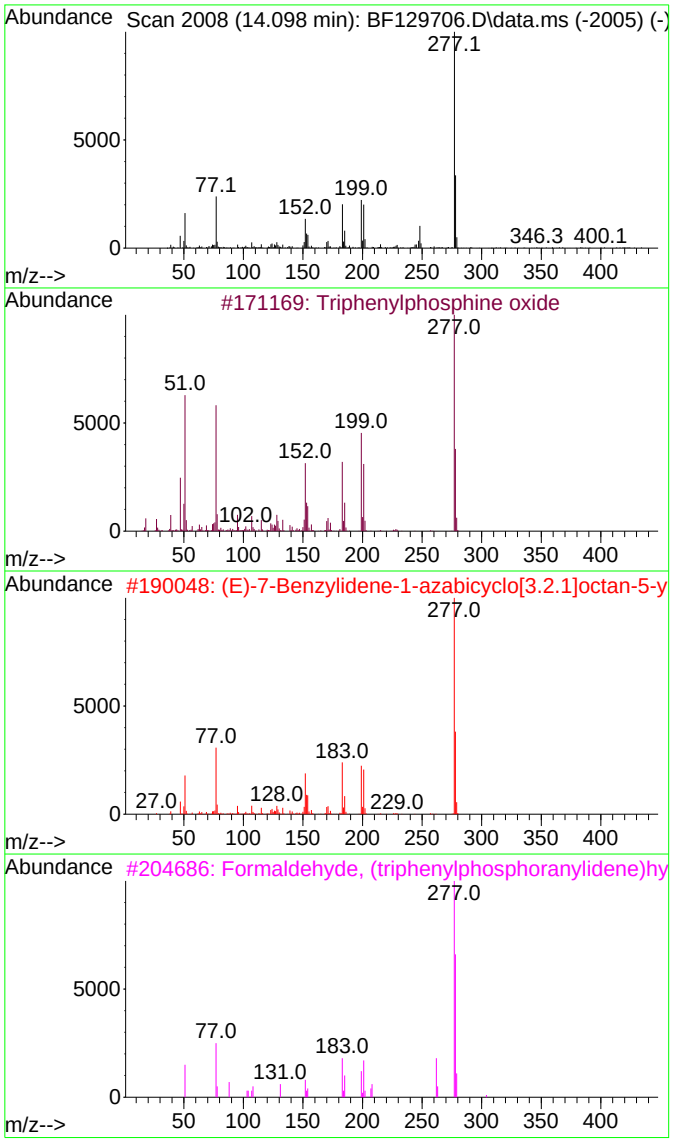
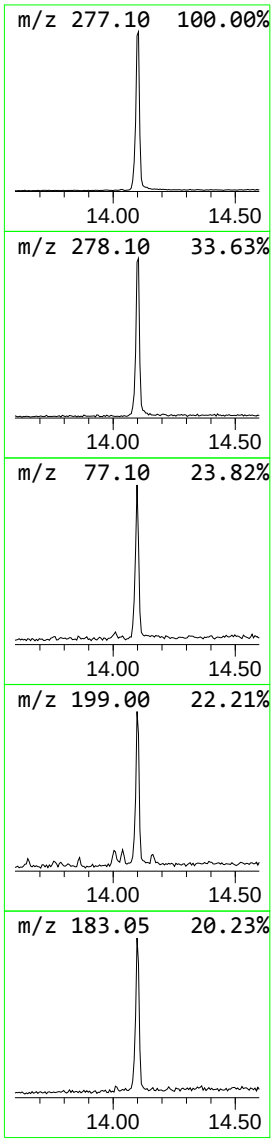
Peak Number 6 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	4.71 ng	343464	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	47
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

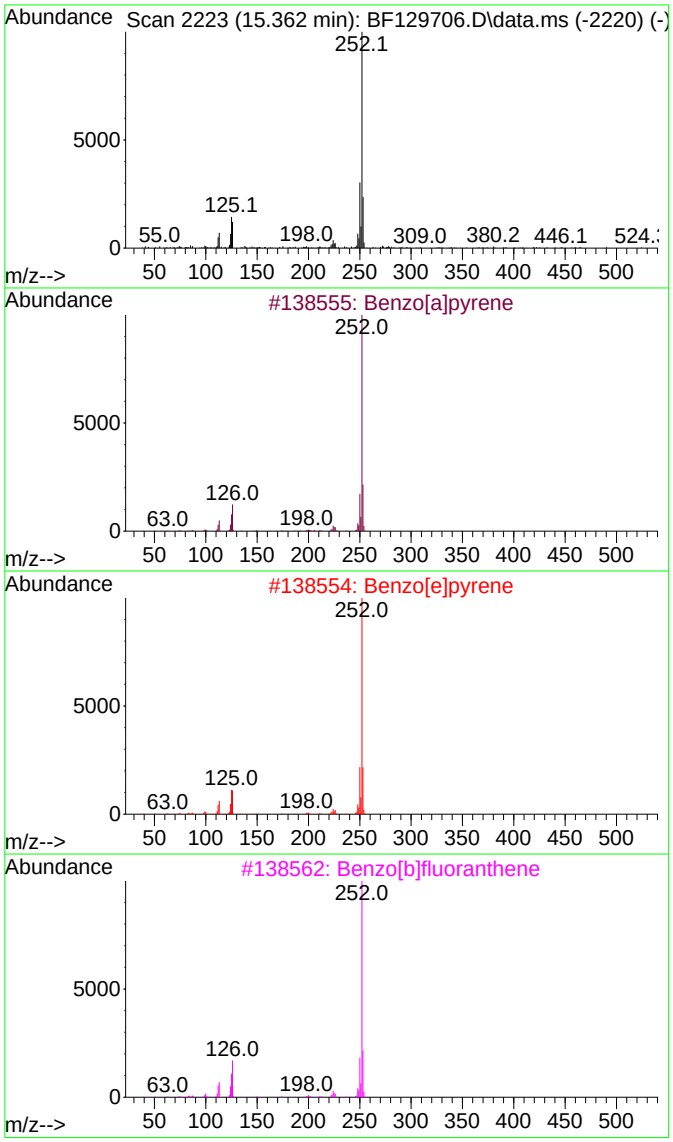
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

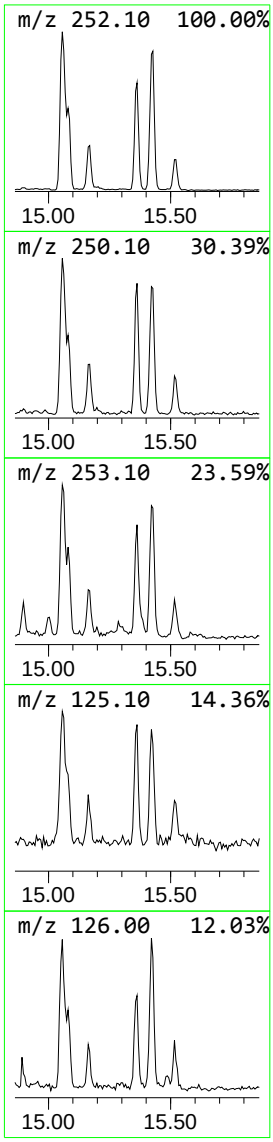
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	6.91 ng	233875	Perylene-d12	15.486

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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...	11.892	2.2	ng	114759	4	11.363	1058530	20.0
Anthracene, 1-m...	11.974	3.6	ng	189310	4	11.363	1058530	20.0
Phenanthrene, 2...	12.416	2.6	ng	138302	4	11.363	1058530	20.0
Phenanthrene, 2...	12.451	2.0	ng	106420	4	11.363	1058530	20.0
Pyrene, 1-methyl-	13.027	2.5	ng	179604	5	14.015	1458270	20.0
Triphenylphosph...	14.098	4.7	ng	343464	5	14.015	1458270	20.0
Benzo[e]pyrene	15.362	6.9	ng	233875	6	15.486	677317	20.0