LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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: BF129752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	469	472	482	rVB	30312	37891	1.38%	0.140%
2	5.475	538	542	562	rBV	2864731	2736975	100.00%	10.081%
3	6.486	710	714	727	rBV	2965884	2573619	94.03%	9.479%
4	6.828	769	772	776	rBV	831558	666678	24.36%	2.455%
5	7.398	864	869	872	rBV	1843811	1643005	60.03%	6.051%
6	8.110	987	990	993	rBV	984347	819044	29.93%	3.017%
7	8.186	1000	1003	1007	rVB	71701	59008	2.16%	0.217%
8	8.822	1108	1111	1117	rBV	105129	93720	3.42%	0.345%
9	8.922	1123	1128	1132	rVB2	151019	131113	4.79%	0.483%
10	9.186	1168	1173	1176	rBV	3361162	2624537	95.89%	9.666%
11	9.286	1187	1190	1195	rVB	56003	47873	1.75%	0.176%
12	9.445	1212	1217	1222	rBV2	79955	105841	3.87%	0.390%
13	9.522	1226	1230	1233	rBV	117154	128099	4.68%	0.472%
14	9.551	1233	1235	1238	rVB	72874	53482	1.95%	0.197%
15	9.639	1244	1250	1252	rBV2	55833	61633	2.25%	0.227%
16	9.845	1282	1285	1286	rBV	37347	34150	1.25%	0.126%
17	9.869	1286	1289	1291	rVV	887752	766276	28.00%	2.822%
18	9.898	1291	1294	1298	rVB	987399	791356	28.91%	2.915%
19	10.022	1310	1315	1319	rBV	63733	60830	2.22%	0.224%
20	10.069	1319	1323	1327	rVV	251100	247366	9.04%	0.911%
21	10.104	1327	1329	1333	rVB	36222	34254	1.25%	0.126%
22	10.180	1339	1342	1345	rBV	37488	37290	1.36%	0.137%
23	10.274	1353	1358	1364	rVB4	22724	43034	1.57%	0.158%
24	10.369	1371	1374	1378	rBV2	45765	45874	1.68%	0.169%
25	10.416	1378	1382	1387	rVB	380218	326258	11.92%	1.202%
26	10.498	1394	1396	1399	rVB2	63040	48983	1.79%	0.180%
27	10.569	1406	1408	1413	rVB	103773	90349	3.30%	0.333%
28	10.663	1419	1424	1427	rBV	1641630	1468731	53.66%	5.409%
29	10.763	1437	1441	1443	rBV2	28592	32606	1.19%	0.120%
30	10.786	1443	1445	1449	rVB	42539	42179	1.54%	0.155%
31	10.963	1469	1475	1478	rBV2	76969	92992	3.40%	0.342%
32	11.045	1486	1489	1492	rVB	46675	42653	1.56%	0.157%
33	11.092	1492	1497	1498	rBV2	35592	42125	1.54%	0.155%
34	11.204	1513	1516	1519	rBV	44637	53891	1.97%	0.198%
35	11.251	1522	1524	1530	rVB	78623	75550	2.76%	0.278%
36	11.357	1538	1542	1544	rBV	802287	671004	24.52%	2.471%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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	11.380	1544	1546	1550	rVV	587649	449559	16.43%	1.656%
38	11.433	1550	1555	1558	rVV	214270	194126	7.09%	0.715%
39	11.468	1558	1561	1566	rVB	59629	57950	2.12%	0.213%
40	11.592	1577	1582	1586	rBV3	32338	58378	2.13%	0.215%
41	11.651	1589	1592	1596	rVB	36578	34486	1.26%	0.127%
42	11.733	1603	1606	1609	rBV2	38968	36413	1.33%	0.134%
43	11.857	1622	1627	1629	rBV	58165	71774	2.62%	0.264%
44	11.886	1629	1632	1635	rVV2	101351	122143	4.46%	0.450%
45	11.933	1637	1640	1643	rVV	67934	72616	2.65%	0.267%
46	11.974	1643	1647	1649	rVV	348093	339335	12.40%	1.250%
47	11.992	1649	1650	1655	rVB	58437	47656	1.74%	0.176%
48	12.151	1675	1677	1680	rVB	73754	62026	2.27%	0.228%
49	12.410	1717	1721	1723	rBV	37339	42743	1.56%	0.157%
50	12.451	1724	1728	1733	rVB	34489	54649	2.00%	0.201%
51	12.504	1733	1737	1745	rVB4	31605	57059	2.08%	0.210%
52	12.574	1745	1749	1752	rBV	1561642	1281714	46.83%	4.721%
53	12.721	1771	1774	1777	rBV2	36822	41479	1.52%	0.153%
54	12.786	1781	1785	1786	rBV2	226417	226775	8.29%	0.835%
55	12.804	1786	1788	1794	rVB	987364	832720	30.42%	3.067%
56	12.857	1794	1797	1803	rVB2	33239	41635	1.52%	0.153%
57	12.939	1805	1811	1815	rBV	2334438	2195746	80.23%	8.087%
58	13.021	1820	1825	1829	rBV3	49881	87261	3.19%	0.321%
59	13.133	1836	1844	1847	rBV	190296	224539	8.20%	0.827%
60	13.198	1851	1855	1858	rBV	189235	174927	6.39%	0.644%
61	13.239	1858	1862	1864	rVV2	55182	71798	2.62%	0.264%
62	13.362	1880	1883	1889	rVB2	29740	34633	1.27%	0.128%
63	13.615	1923	1926	1929	rBV4	35164	46616	1.70%	0.172%
64	13.757	1947	1950	1952	rBV	46051	45684	1.67%	0.168%
65	13.780	1952	1954	1956	rVV	53310	42663	1.56%	0.157%
66	13.880	1964	1971	1977	rBV5	70684	193902	7.08%	0.714%
67	14.004	1987	1992	1995	rBV2	877900	1050846	38.39%	3.870%
68	14.033	1995	1997	2004	rVB	268108	226822	8.29%	0.835%
69	14.092	2004	2007	2009	rBV	82574	82614	3.02%	0.304%
70	14.115	2009	2011	2013	rVB	50692	40356	1.47%	0.149%
71	14.357	2049	2052	2054	rBV2	36252	39341	1.44%	0.145%
72	14.392	2056	2058	2061	rVB	50368	43789	1.60%	0.161%
73	14.827	2129	2132	2136	rVB	240324	225914	8.25%	0.832%
74	15.051	2166	2170	2173	rBV	158192	234399	8.56%	0.863%
75	15.156	2186	2188	2193	rVB	40227	49689	1.82%	0.183%
76	15.351	2218	2221	2226	rVB	90766	109952	4.02%	0.405%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
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Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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	15.415	2229	2232	2236	rVV2	141083	166836	6.10%	0.614%
78	15.480	2236	2243	2247	rBV	586503	807331	29.50%	2.973%

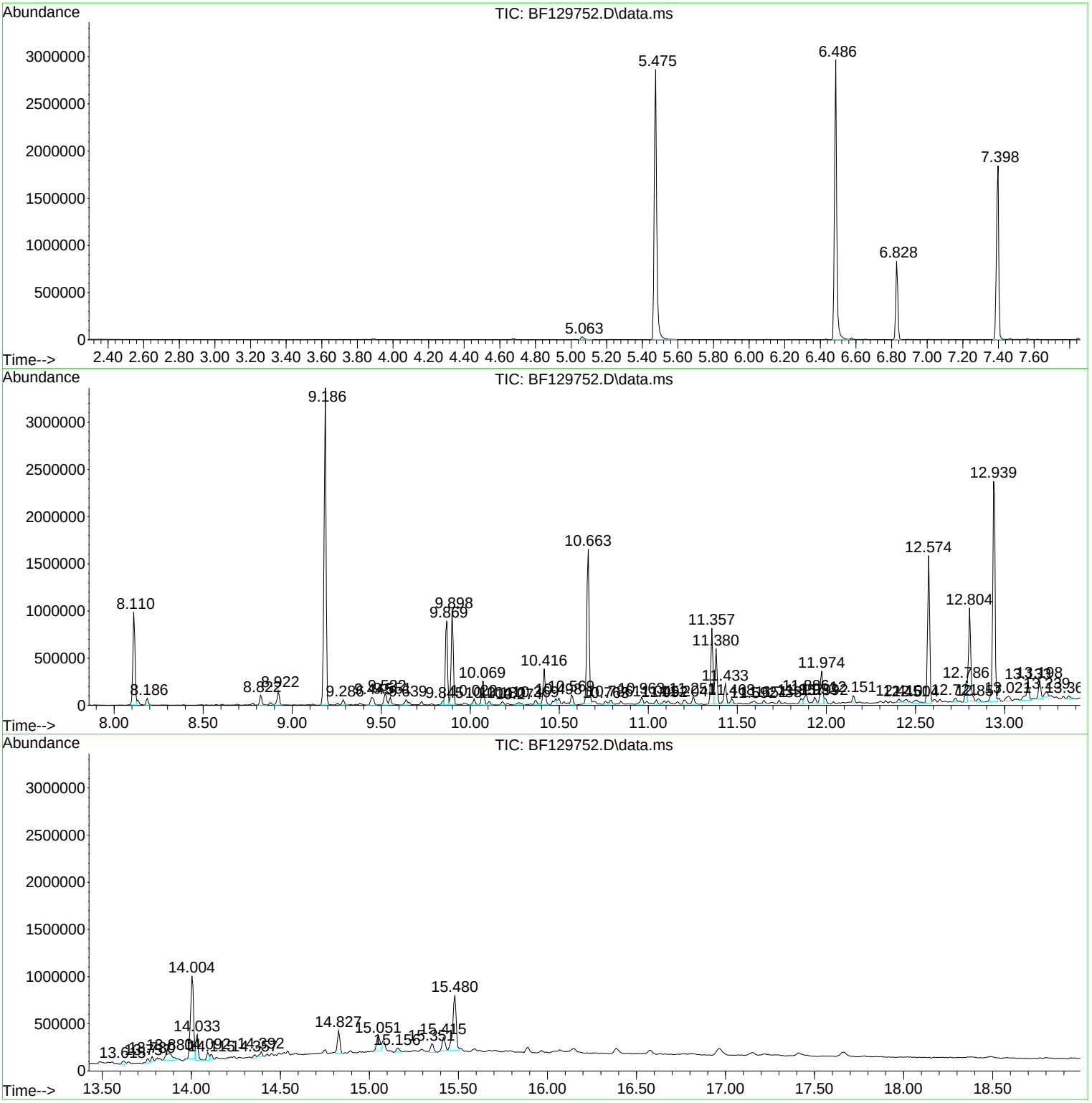
Sum of corrected areas: 27151163

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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

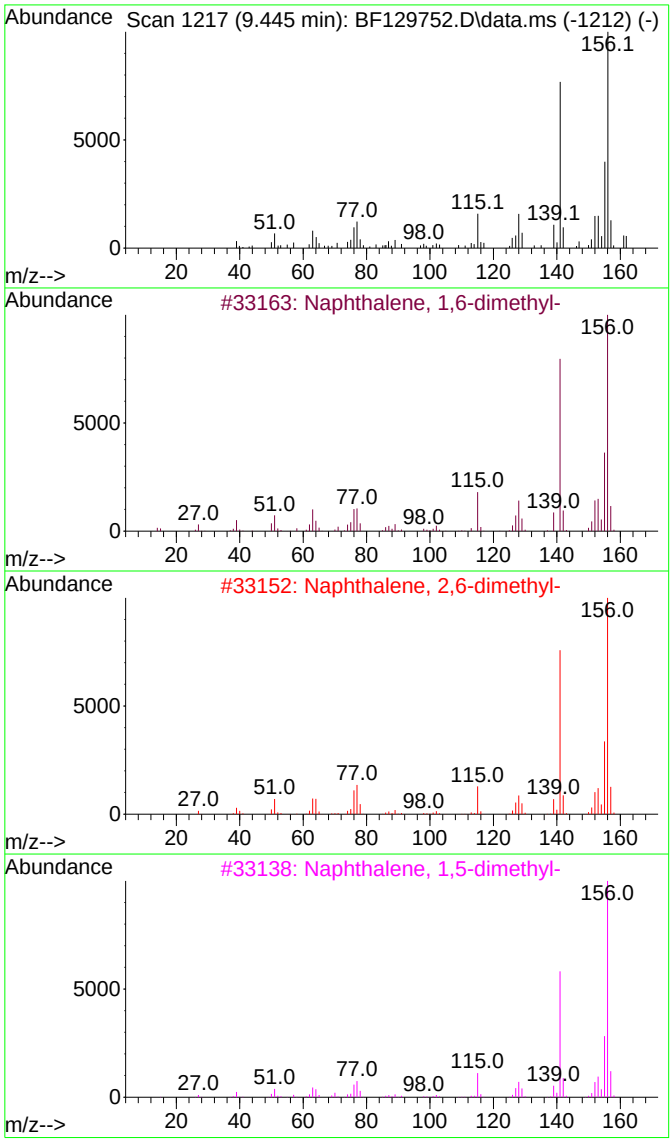
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

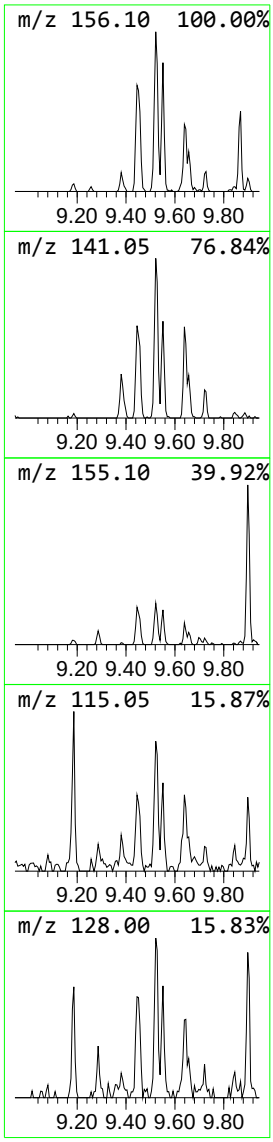
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	2.76 ng	105841	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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

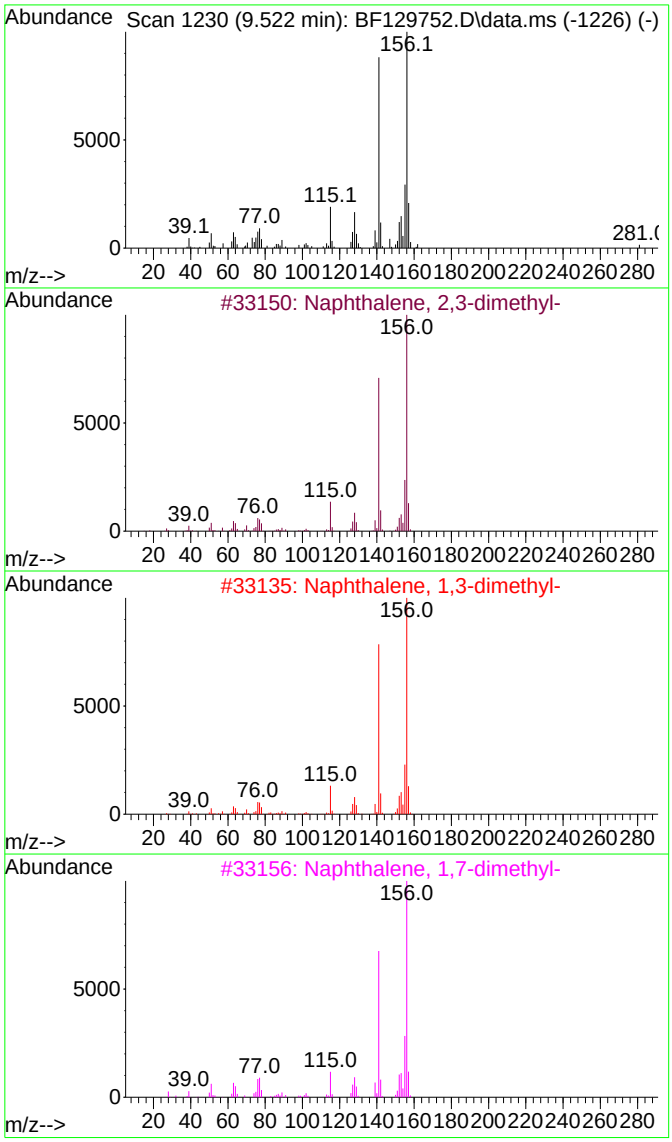
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

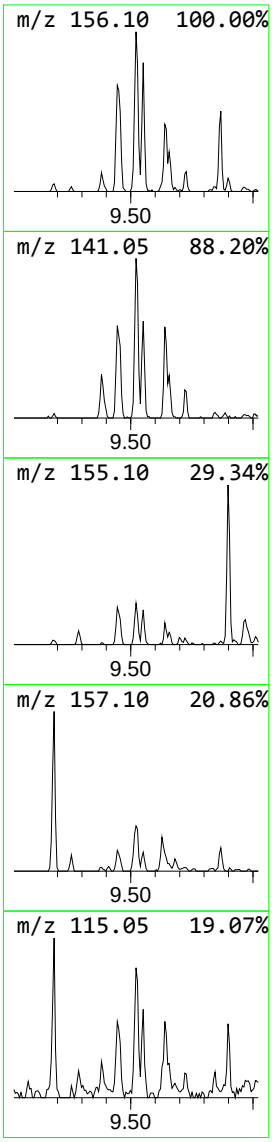
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	3.34 ng	128099	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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

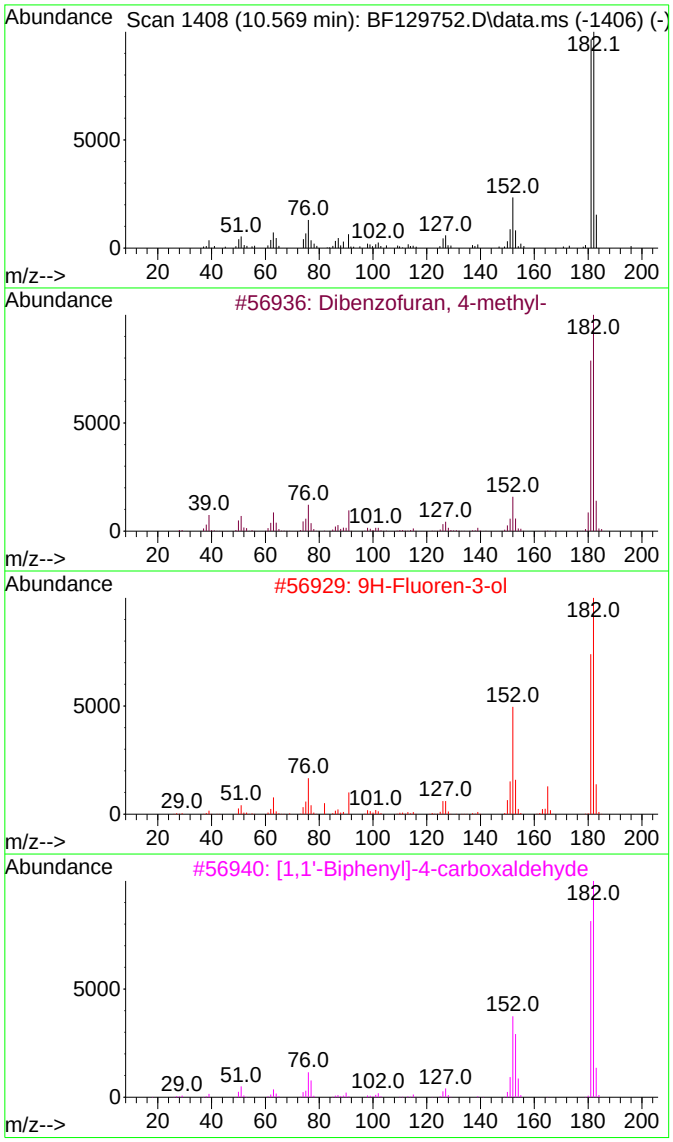
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

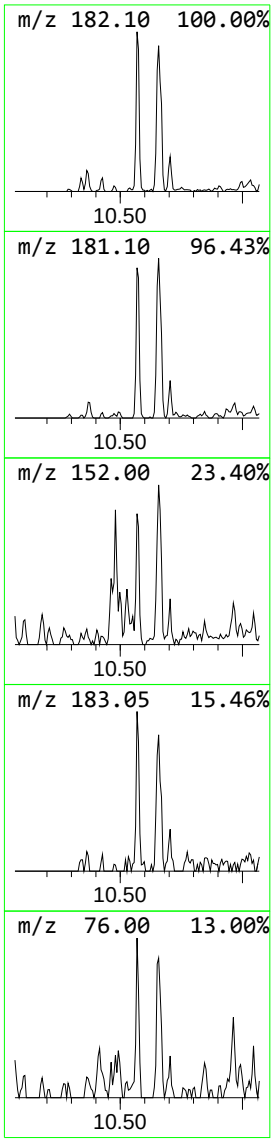
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	2.36 ng	90349	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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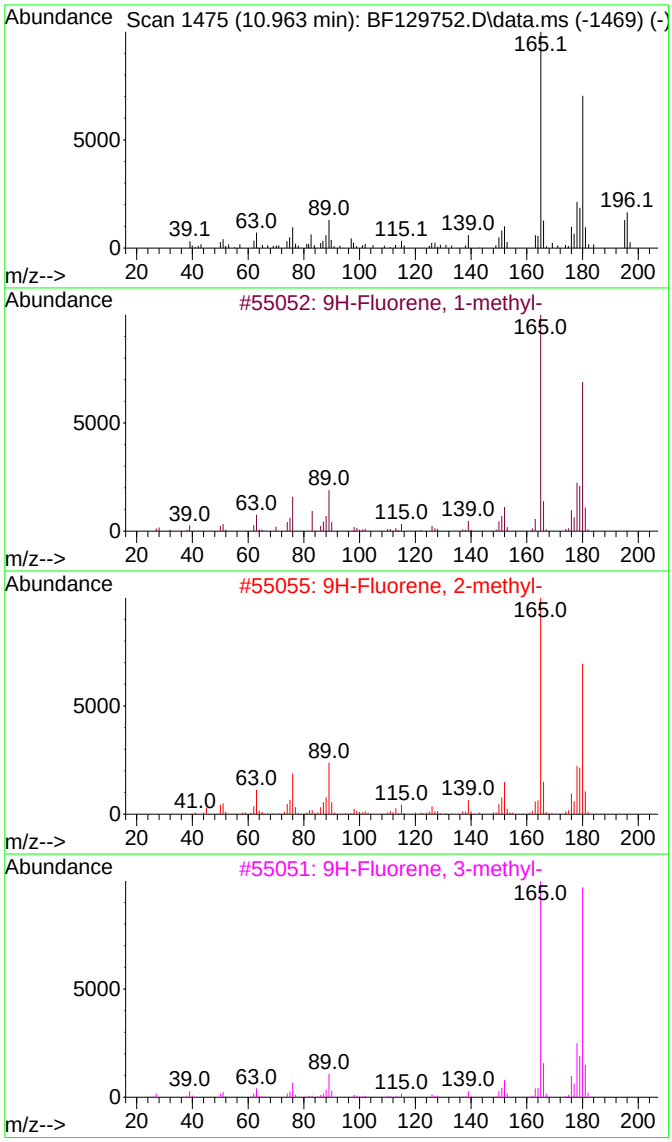
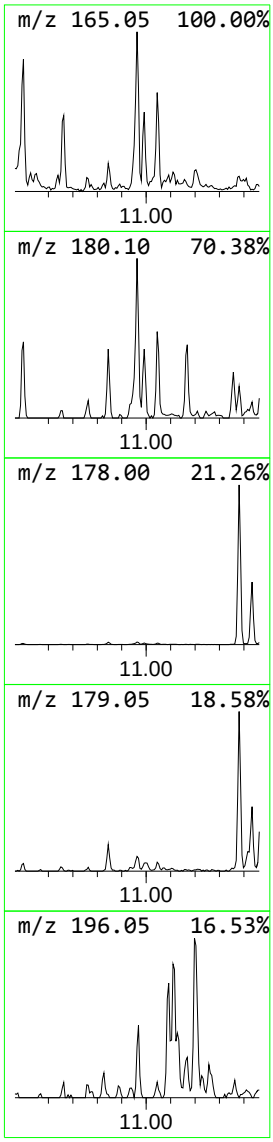
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.963	2.77 ng	92992	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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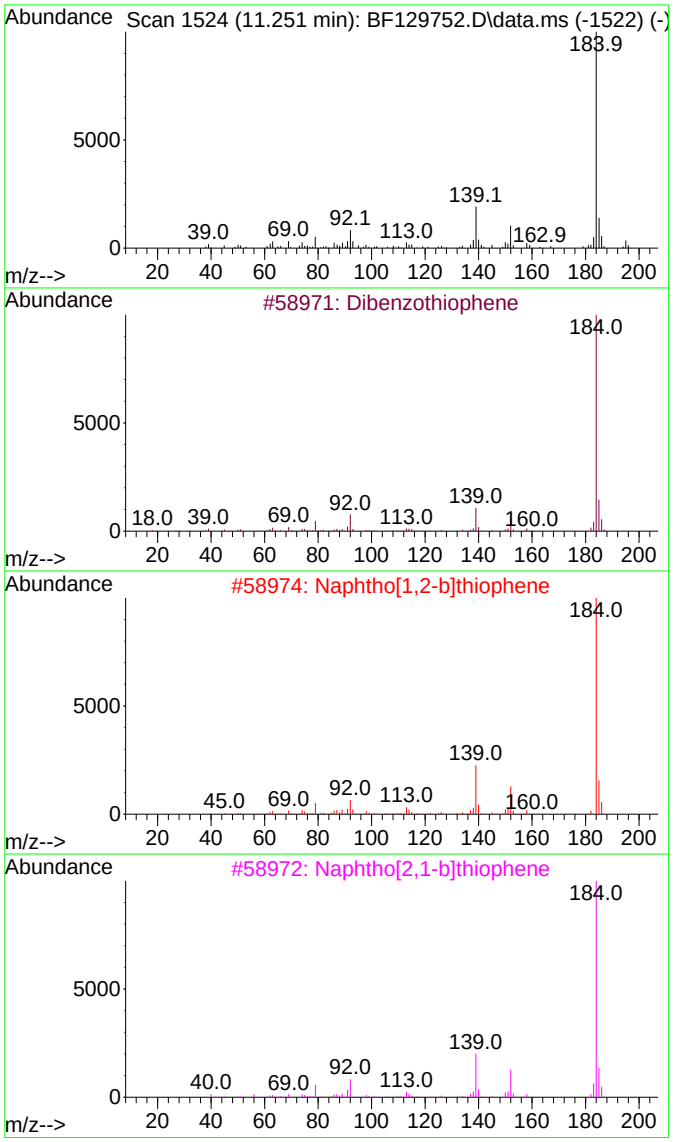
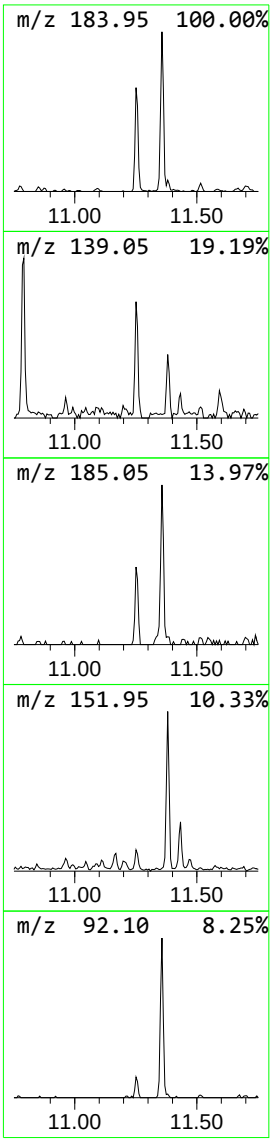
Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	2.25 ng	75550	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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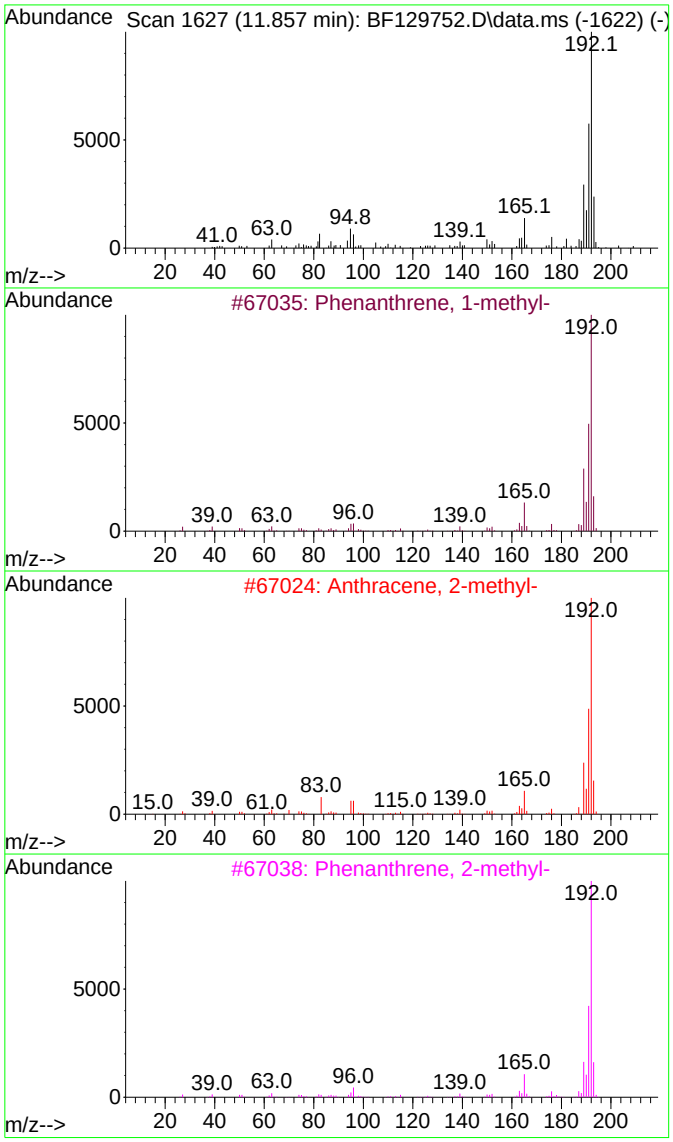
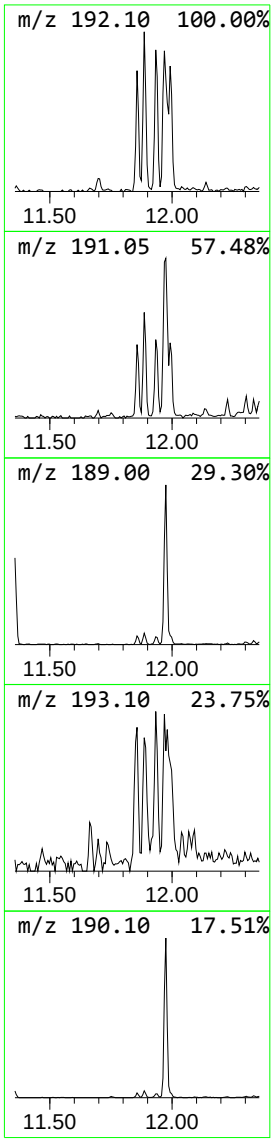
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.14 ng	71774	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

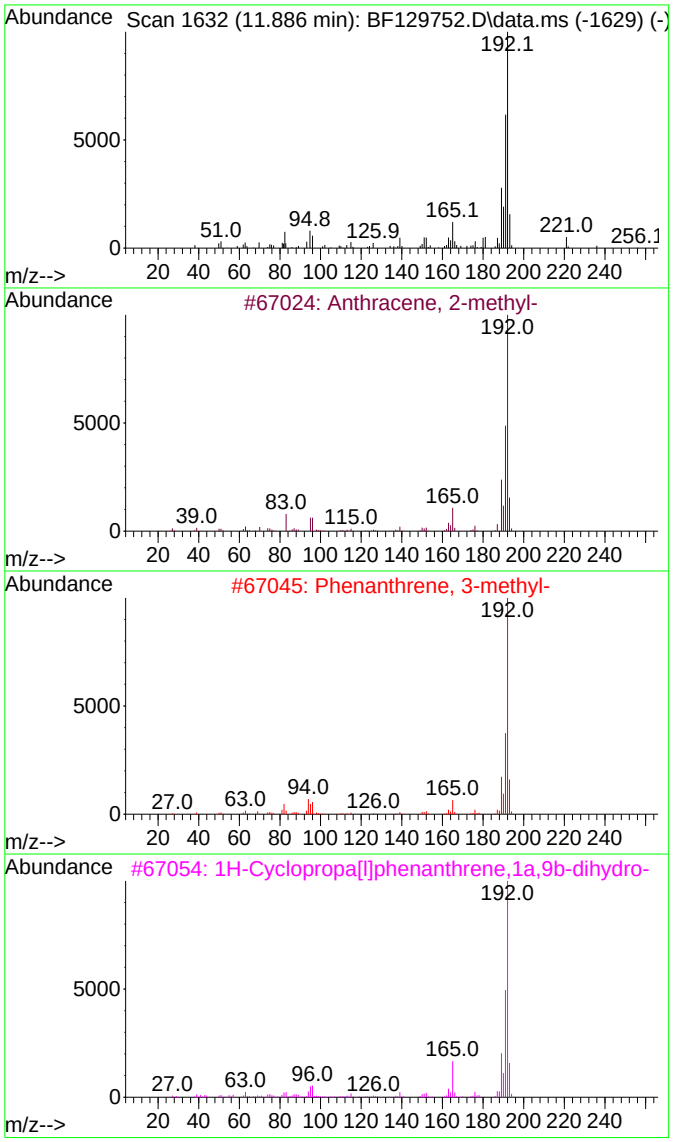
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

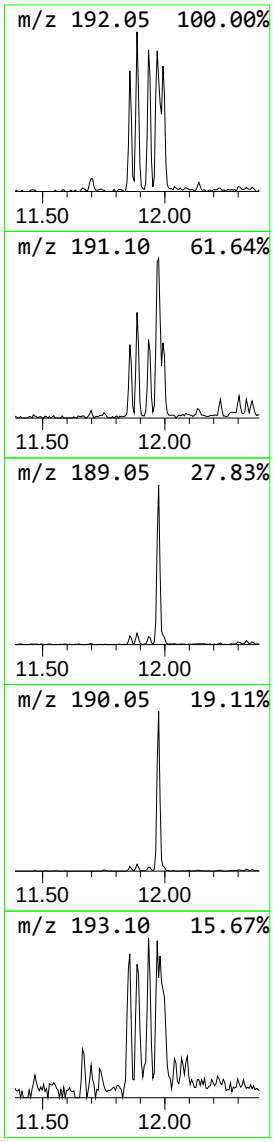
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.64 ng	122143	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

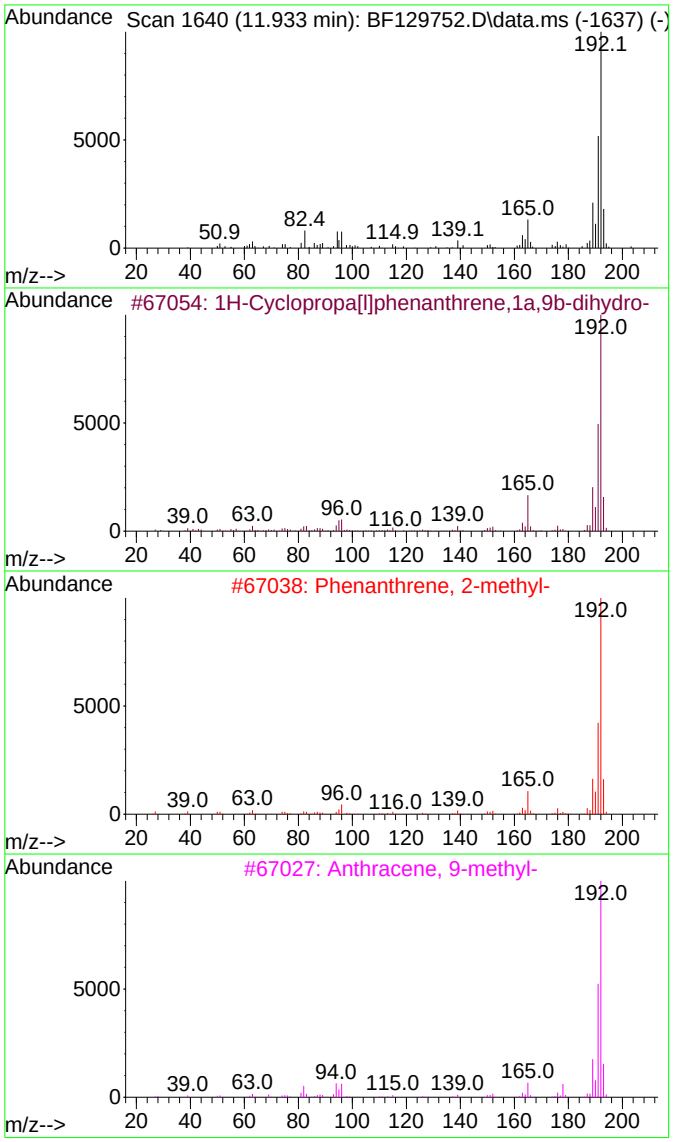
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

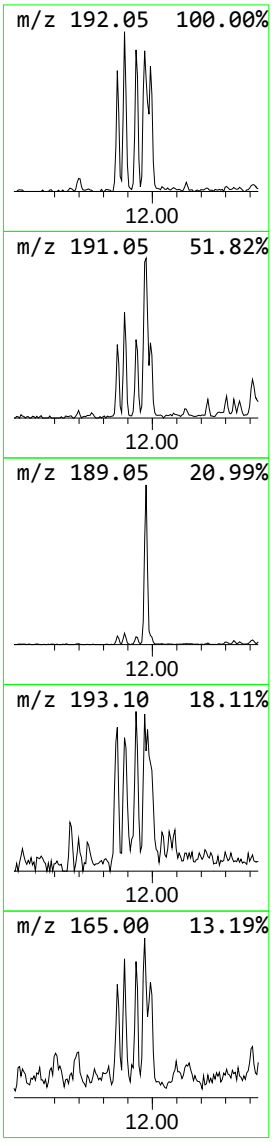
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.16 ng	72616	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

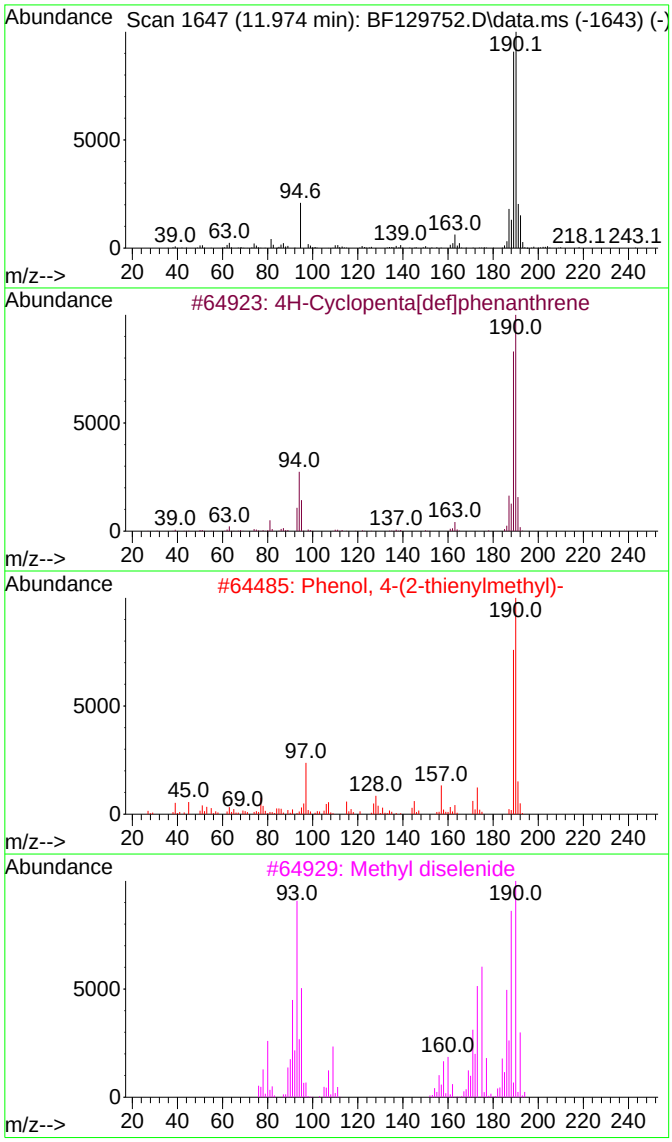
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

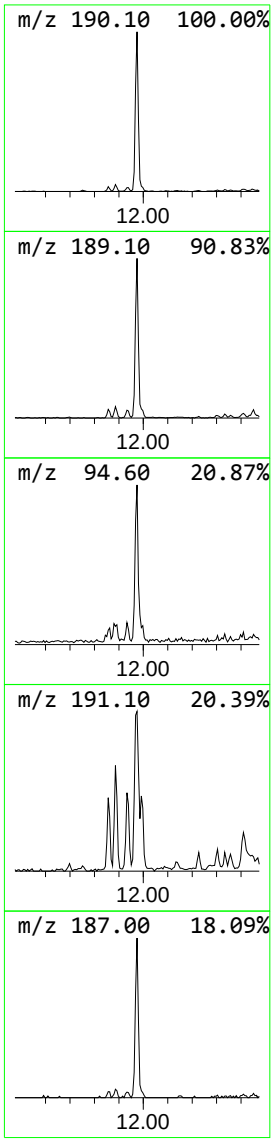
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	10.11 ng	339335	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50





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Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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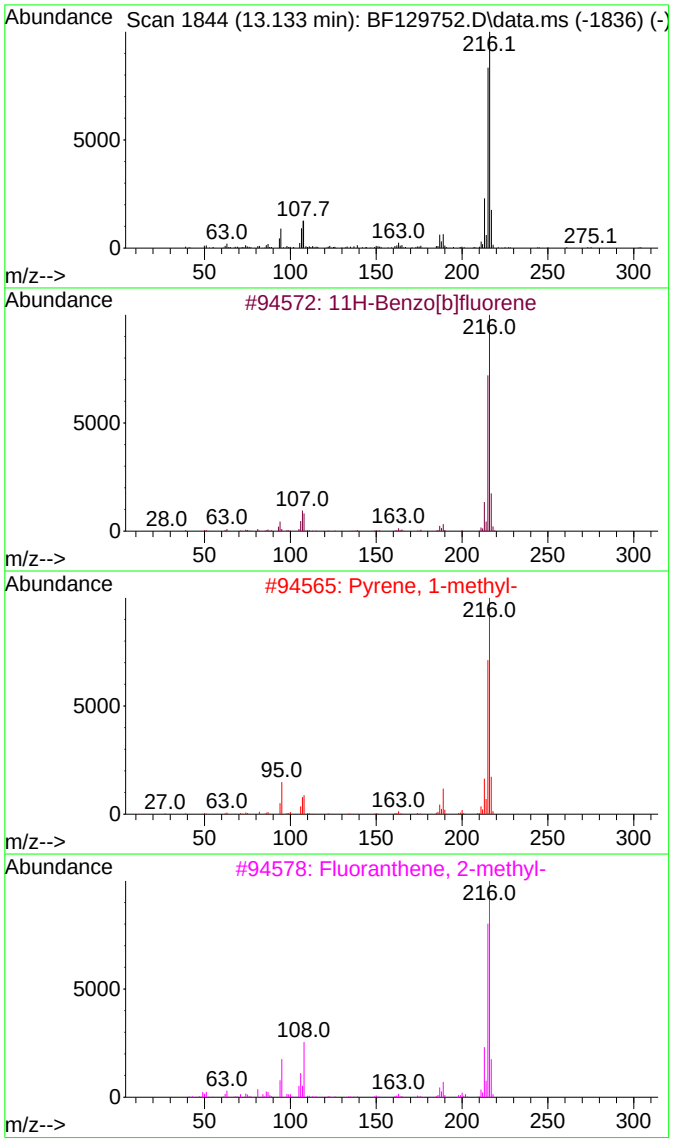
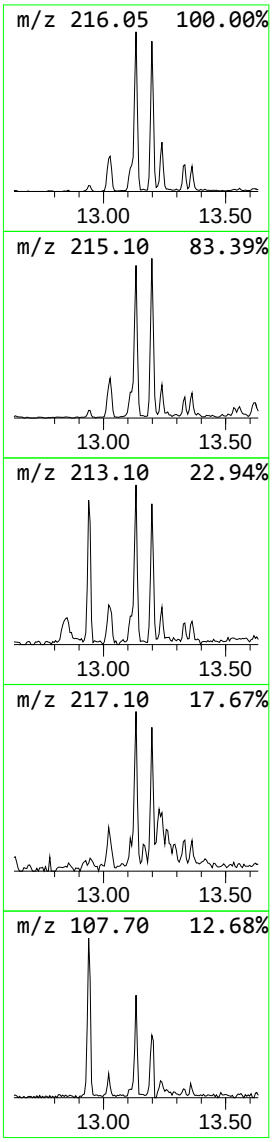
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	4.27 ng	224539	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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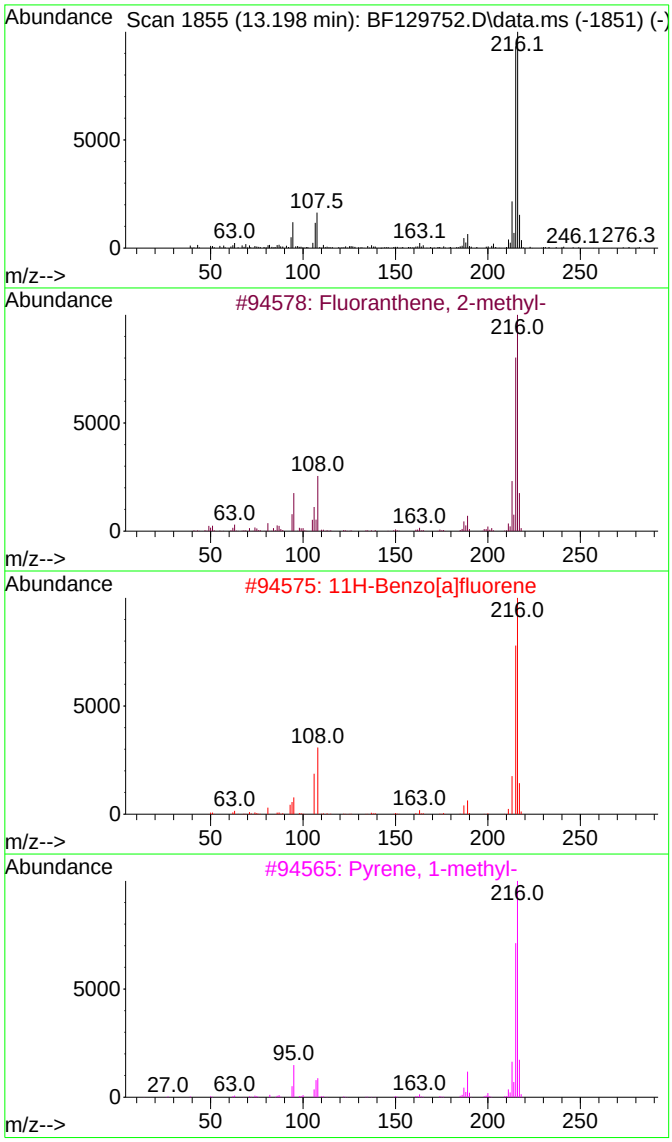
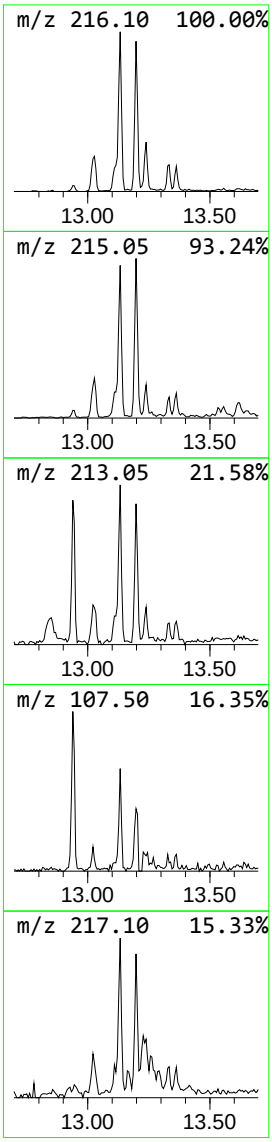
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.33 ng	174927	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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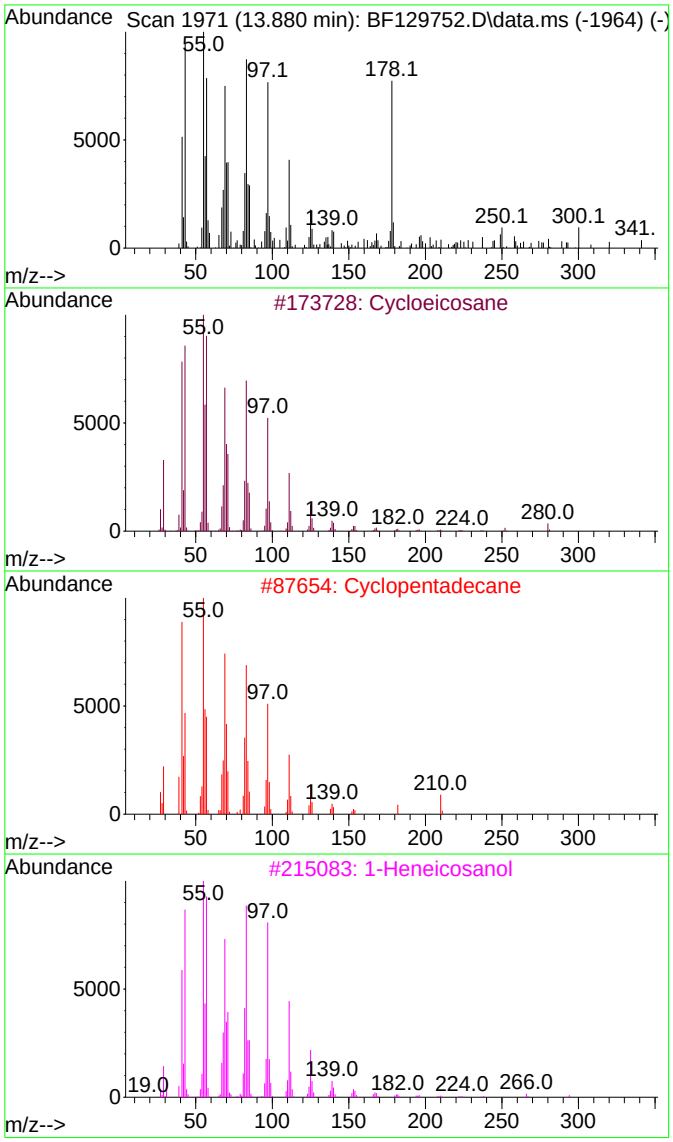
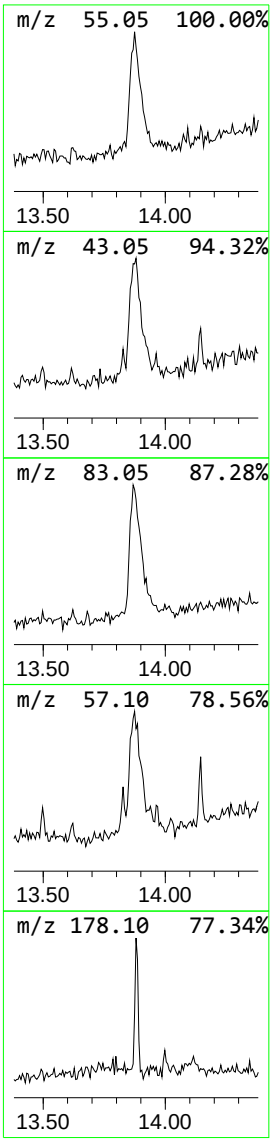
Peak Number 13 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.69 ng	193902	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





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Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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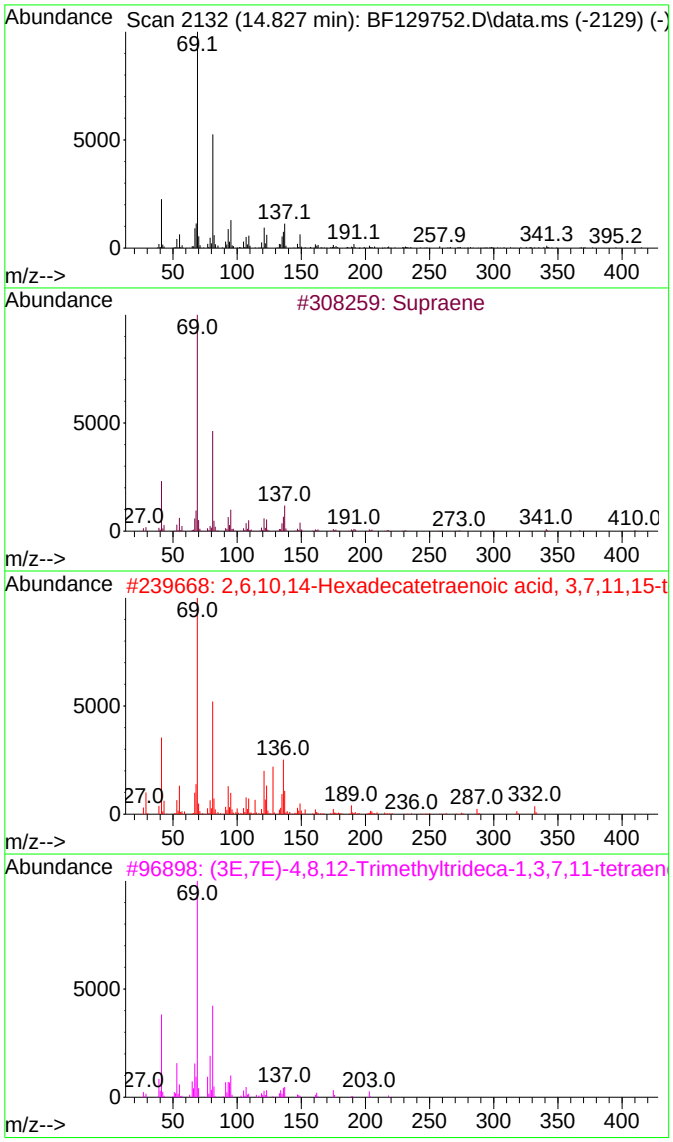
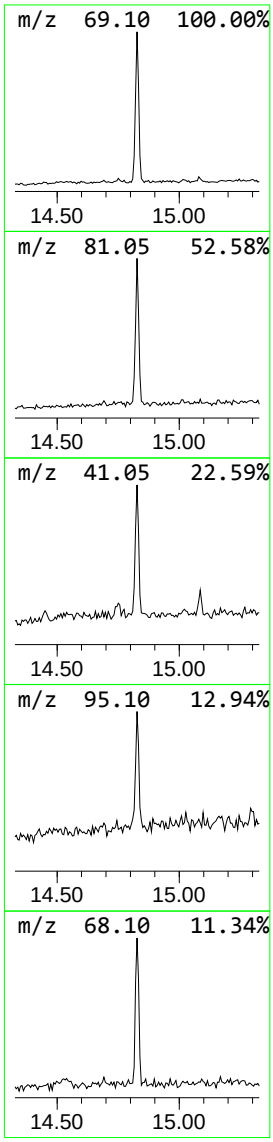
Peak Number 14 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	5.60 ng	225914	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
3	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





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Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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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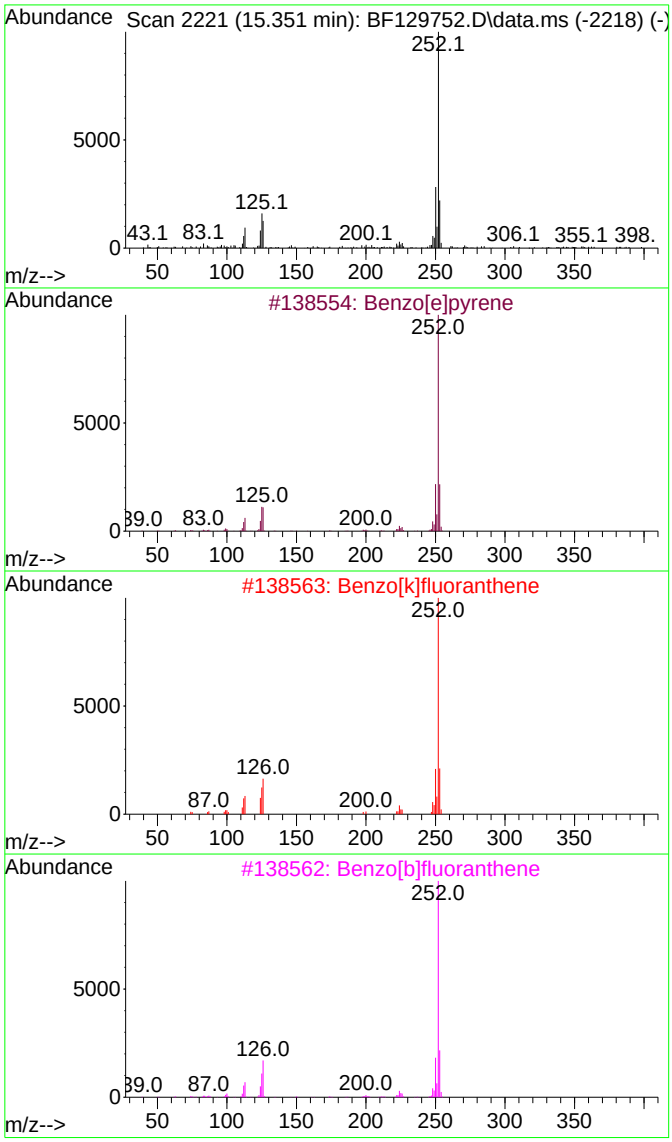
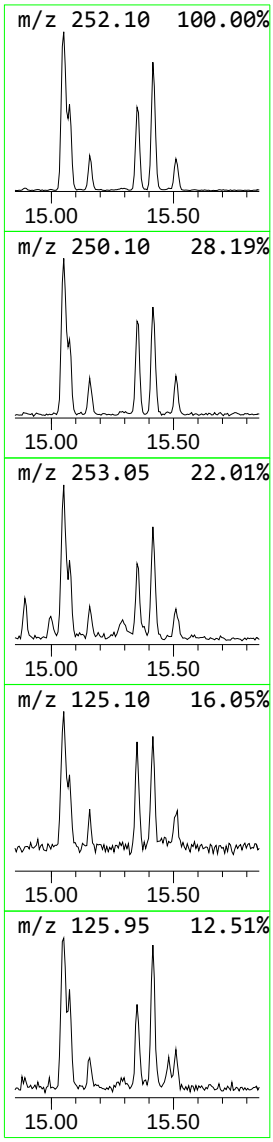
Peak Number 15 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	2.72 ng	109952	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129752.D
Acq On : 12 Aug 2022 19:24
Operator : CG\JU
Sample : N4183-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

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
Naphthalene, 1,...	9.445	2.8	ng	105841	3	9.869	766276	20.0
Naphthalene, 2,...	9.522	3.3	ng	128099	3	9.869	766276	20.0
Dibenzofuran, 4...	10.569	2.4	ng	90349	3	9.869	766276	20.0
9H-Fluorene, 1-...	10.963	2.8	ng	92992	4	11.357	671004	20.0
Dibenzothiophene	11.251	2.3	ng	75550	4	11.357	671004	20.0
Phenanthrene, 1...	11.857	2.1	ng	71774	4	11.357	671004	20.0
Anthracene, 2-m...	11.886	3.6	ng	122143	4	11.357	671004	20.0
1H-Cyclopropa[l...	11.933	2.2	ng	72616	4	11.357	671004	20.0
4H-Cyclopenta[d...	11.974	10.1	ng	339335	4	11.357	671004	20.0
11H-Benzo[b]flu...	13.133	4.3	ng	224539	5	14.004	1050850	20.0
Fluoranthene, 2...	13.198	3.3	ng	174927	5	14.004	1050850	20.0
Cycloeicosane	13.880	3.7	ng	193902	5	14.004	1050850	20.0
Supraene	14.827	5.6	ng	225914	6	15.480	807331	20.0
Benzo[e]pyrene	15.351	2.7	ng	109952	6	15.480	807331	20.0