LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-3-100622

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130593.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.775	453	457	466	rBV	277914	323061	14.69%	1.266%
2	5.210	528	531	545	rBV	1096618	1062756	48.31%	4.163%
3	5.616	594	600	605	rBV	24084	22501	1.02%	0.088%
4	6.257	705	709	723	rBV	1113862	994848	45.22%	3.897%
5	6.610	766	769	775	rBV	405728	347290	15.79%	1.361%
6	7.181	862	866	870	rBV	730097	618646	28.12%	2.424%
7	7.892	984	987	990	rBV	473121	415326	18.88%	1.627%
8	7.916	990	991	994	rVB	68986	38596	1.75%	0.151%
9	8.610	1106	1109	1114	rVB	37756	33770	1.54%	0.132%
10	8.704	1122	1125	1131	rVB	36003	28561	1.30%	0.112%
11	8.969	1167	1170	1173	rBV	1346151	1025529	46.62%	4.018%
12	9.228	1211	1214	1219	rBV2	17671	24893	1.13%	0.098%
13	9.304	1223	1227	1230	rBV	35138	34551	1.57%	0.135%
14	9.504	1258	1261	1267	rBV	76523	63634	2.89%	0.249%
15	9.645	1281	1285	1288	rBV	481650	424906	19.31%	1.665%
16	9.675	1288	1290	1294	rVB	147755	108098	4.91%	0.423%
17	9.845	1316	1319	1322	rBV	92106	77787	3.54%	0.305%
18	10.186	1374	1377	1383	rVB	175505	156494	7.11%	0.613%
19	10.257	1383	1389	1390	rBV	18741	23936	1.09%	0.094%
20	10.345	1402	1404	1408	rVB	33610	29450	1.34%	0.115%
21	10.427	1415	1418	1423	rBV	859252	786536	35.75%	3.081%
22	10.557	1436	1440	1447	rVB4	38010	51803	2.35%	0.203%
23	10.733	1463	1470	1473	rBV2	36842	50273	2.29%	0.197%
24	10.863	1487	1492	1494	rVV2	23737	31975	1.45%	0.125%
25	10.886	1494	1496	1501	rVV	31068	35066	1.59%	0.137%
26	10.933	1501	1504	1508	rVV2	34848	33521	1.52%	0.131%
27	10.975	1508	1511	1514	rVV2	27825	32550	1.48%	0.128%
28	11.022	1517	1519	1524	rVB	87544	79405	3.61%	0.311%
29	11.122	1533	1536	1538	rBV	548130	480352	21.84%	1.882%
30	11.151	1538	1541	1544	rVV	1127097	996892	45.32%	3.905%
31	11.198	1544	1549	1552	rVV	389341	316210	14.37%	1.239%
32	11.239	1552	1556	1559	rBV2	35617	39246	1.78%	0.154%
33	11.357	1573	1576	1585	rBV	74557	91280	4.15%	0.358%
34	11.422	1585	1587	1590	rVV2	42534	36270	1.65%	0.142%
35	11.451	1590	1592	1597	rVB3	30351	33936	1.54%	0.133%
36	11.533	1601	1606	1609	rVB2	25382	35503	1.61%	0.139%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.622	1618	1621	1624	rBV	147112	139463	6.34%	0.546%
38	11.651	1624	1626	1631	rVV	216929	198178	9.01%	0.776%
39	11.698	1631	1634	1637	rVV	98576	88306	4.01%	0.346%
40	11.733	1637	1640	1643	rVV	390643	384861	17.49%	1.508%
41	11.757	1643	1644	1649	rVB	118116	74775	3.40%	0.293%
42	11.922	1669	1672	1674	rBV	102358	92723	4.21%	0.363%
43	11.951	1674	1677	1680	rVB	61924	59997	2.73%	0.235%
44	12.069	1695	1697	1699	rVV	43477	37717	1.71%	0.148%
45	12.098	1699	1702	1704	rVV	61239	50403	2.29%	0.197%
46	12.121	1704	1706	1709	rVB	50580	39667	1.80%	0.155%
47	12.174	1711	1715	1717	rBV	129521	146670	6.67%	0.575%
48	12.210	1717	1721	1723	rVV2	112054	127201	5.78%	0.498%
49	12.263	1727	1730	1734	rBV2	99868	132803	6.04%	0.520%
50	12.339	1738	1743	1746	rBV	2084056	1994602	90.67%	7.814%
51	12.380	1747	1750	1751	rBV2	33263	27318	1.24%	0.107%
52	12.427	1755	1758	1760	rVB	30850	23150	1.05%	0.091%
53	12.480	1763	1767	1771	rBV2	98018	102623	4.66%	0.402%
54	12.563	1775	1781	1784	rBV	2040574	2199894	100.00%	8.618%
55	12.616	1787	1790	1794	rVB2	99280	127226	5.78%	0.498%
56	12.680	1797	1801	1802	rBV2	106468	90197	4.10%	0.353%
57	12.710	1802	1806	1813	rVB	1440225	1285256	58.42%	5.035%
58	12.780	1813	1818	1821	rBV2	149034	233670	10.62%	0.915%
59	12.869	1829	1833	1834	rBV3	122028	153646	6.98%	0.602%
60	12.886	1834	1836	1840	rVB	278375	271617	12.35%	1.064%
61	12.957	1840	1848	1850	rBV2	262202	291028	13.23%	1.140%
62	12.992	1850	1854	1857	rBV2	261983	263579	11.98%	1.033%
63	13.080	1866	1869	1872	rVB	165612	146297	6.65%	0.573%
64	13.116	1872	1875	1878	rBV	163551	156706	7.12%	0.614%
65	13.368	1916	1918	1920	rBV2	51497	57187	2.60%	0.224%
66	13.398	1920	1923	1927	rVB	133802	134936	6.13%	0.529%
67	13.457	1931	1933	1936	rVB	41236	32778	1.49%	0.128%
68	13.504	1937	1941	1944	rBV2	188262	216247	9.83%	0.847%
69	13.533	1944	1946	1948	rBV	116398	80016	3.64%	0.313%
70	13.557	1948	1950	1951	rBV	114573	83157	3.78%	0.326%
71	13.604	1956	1958	1962	rVB2	128154	134131	6.10%	0.525%
72	13.674	1968	1970	1972	rBV	36569	28256	1.28%	0.111%
73	13.751	1976	1983	1986	rBV2	1185429	1676943	76.23%	6.569%
74	13.786	1986	1989	1994	rVB	821668	826274	37.56%	3.237%
75	13.863	1999	2002	2004	rVB	193157	160140	7.28%	0.627%
76	13.904	2007	2009	2011	rBV	75312	66860	3.04%	0.262%

LSC Area Percent Report

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Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.986	2021	2023	2025	rVB	50827	38217	1.74%	0.150%
78	14.104	2041	2043	2045	rBV2	49317	39425	1.79%	0.154%
79	14.145	2047	2050	2053	rVV	150401	146032	6.64%	0.572%
80	14.174	2053	2055	2058	rVV	87785	63335	2.88%	0.248%
81	14.233	2063	2065	2068	rVB2	89626	77122	3.51%	0.302%
82	14.263	2068	2070	2072	rBV	92310	90725	4.12%	0.355%
83	14.527	2112	2115	2117	rBV3	63379	88026	4.00%	0.345%
84	14.763	2150	2155	2161	rBV	655773	1168091	53.10%	4.576%
85	14.857	2168	2171	2174	rVB	118470	112896	5.13%	0.442%
86	15.027	2197	2200	2206	rVB	358779	406507	18.48%	1.592%
87	15.086	2206	2210	2215	rVV	576621	618476	28.11%	2.423%
88	15.139	2216	2219	2222	rVV	302236	346887	15.77%	1.359%
89	15.168	2222	2224	2230	rVB	205248	236932	10.77%	0.928%
90	16.445	2437	2441	2448	rVB2	227037	383081	17.41%	1.501%
91	16.839	2504	2508	2519	rVB	157330	288807	13.13%	1.131%

Sum of corrected areas: 25526508

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Instrument :
BNA_F
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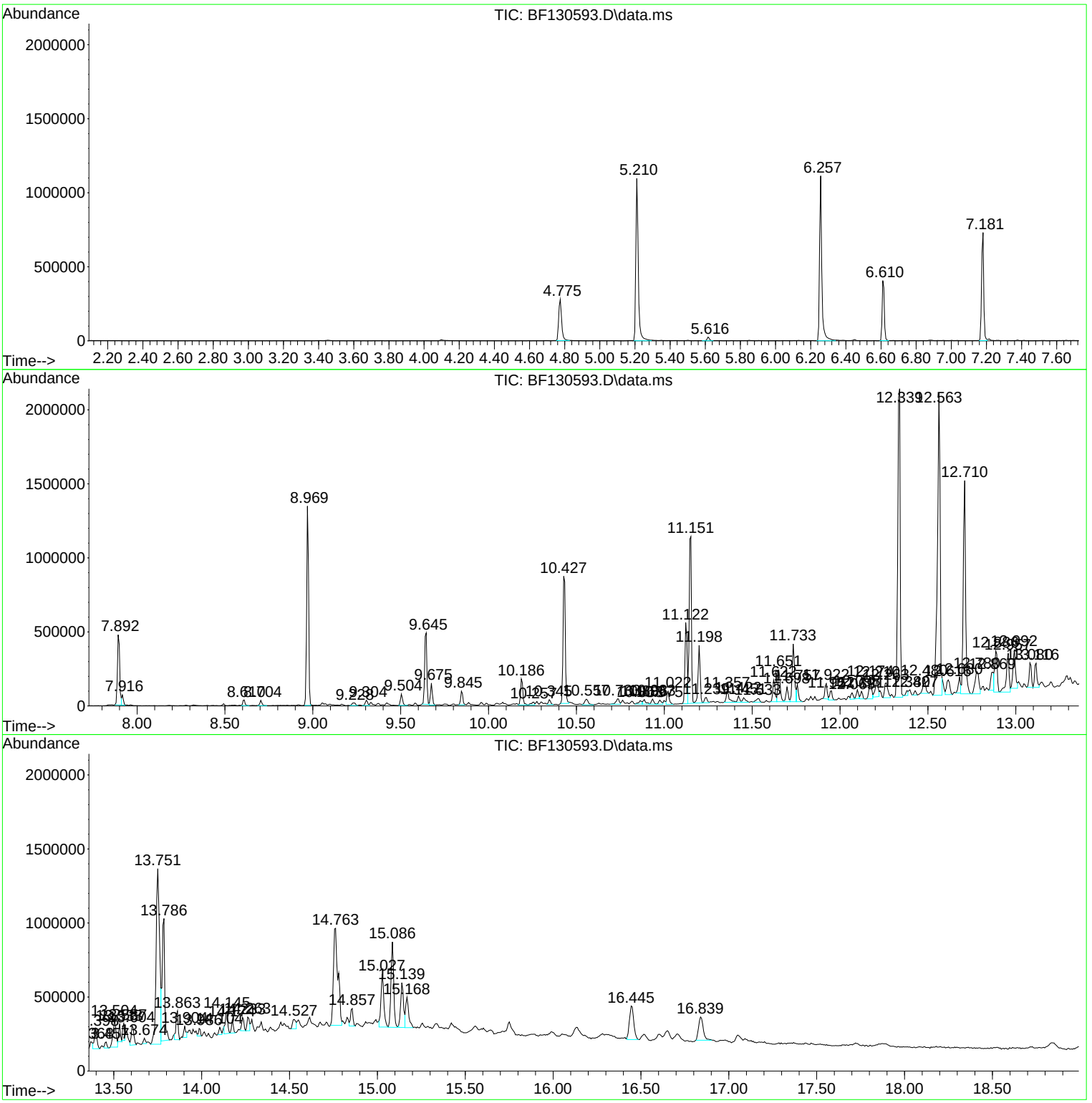
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF100722\
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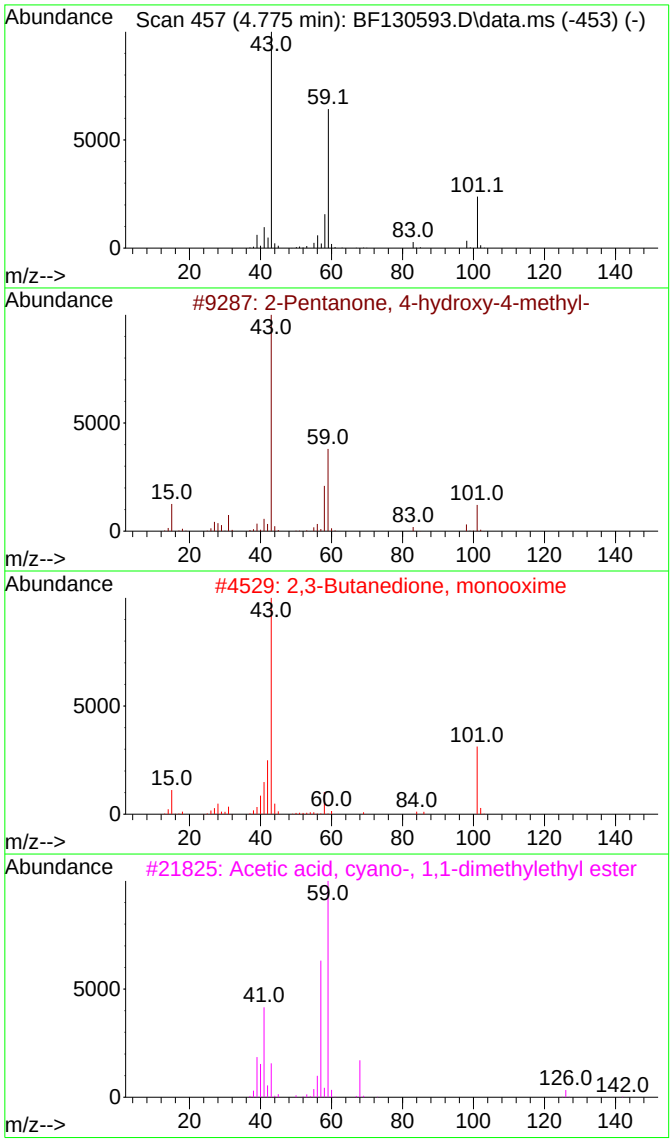
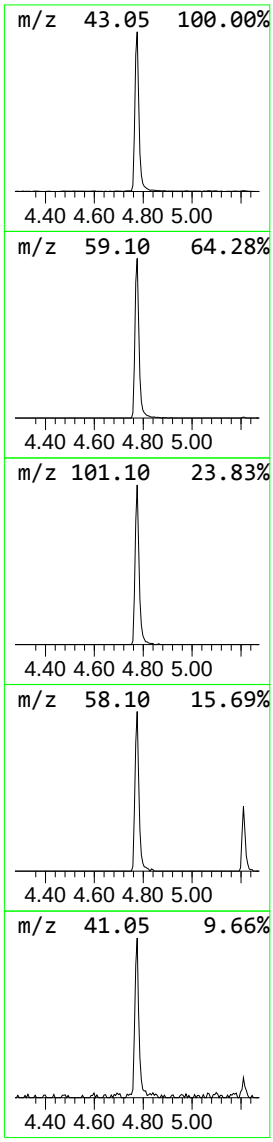
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.775	18.60 ng	323061	1,4-Dichlorobenzene-d4	6.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

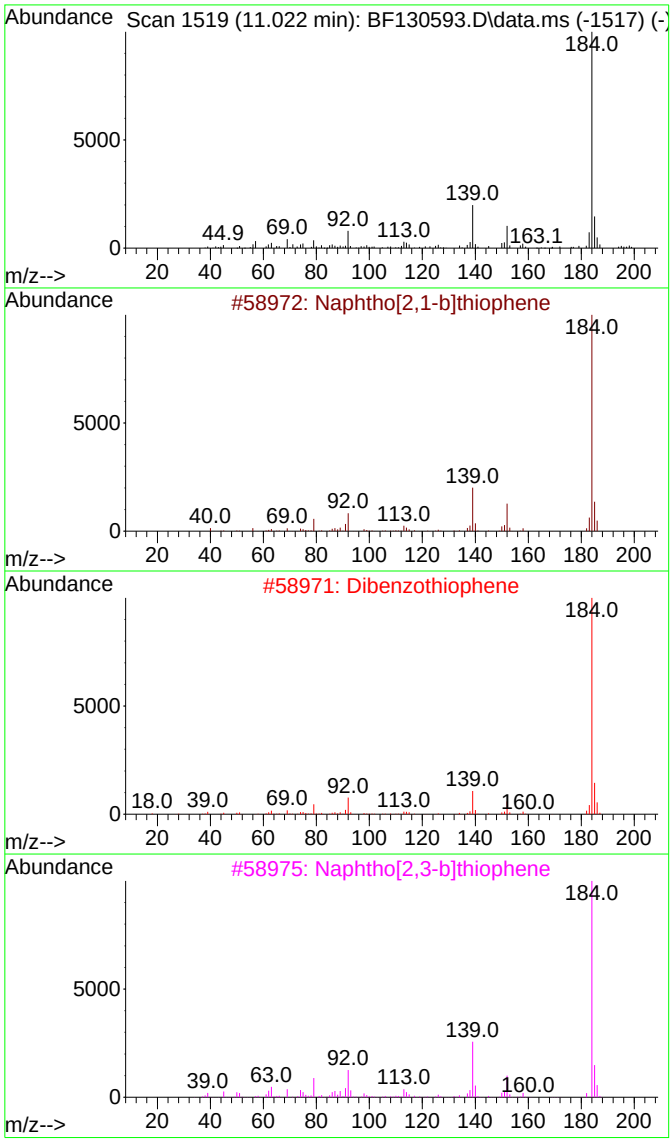
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

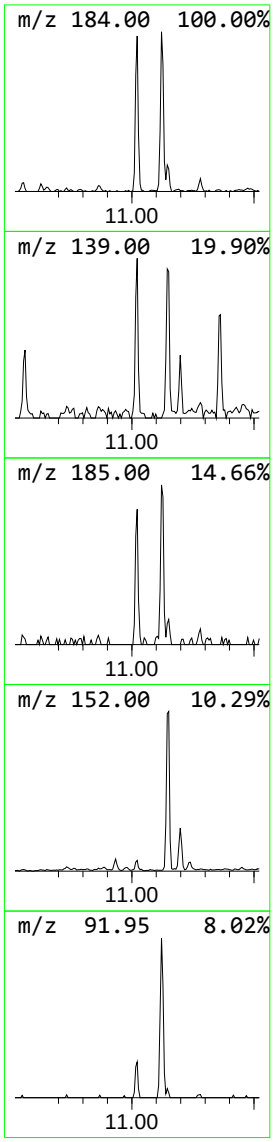
****

Peak Number 2 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	3.31 ng	79405	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

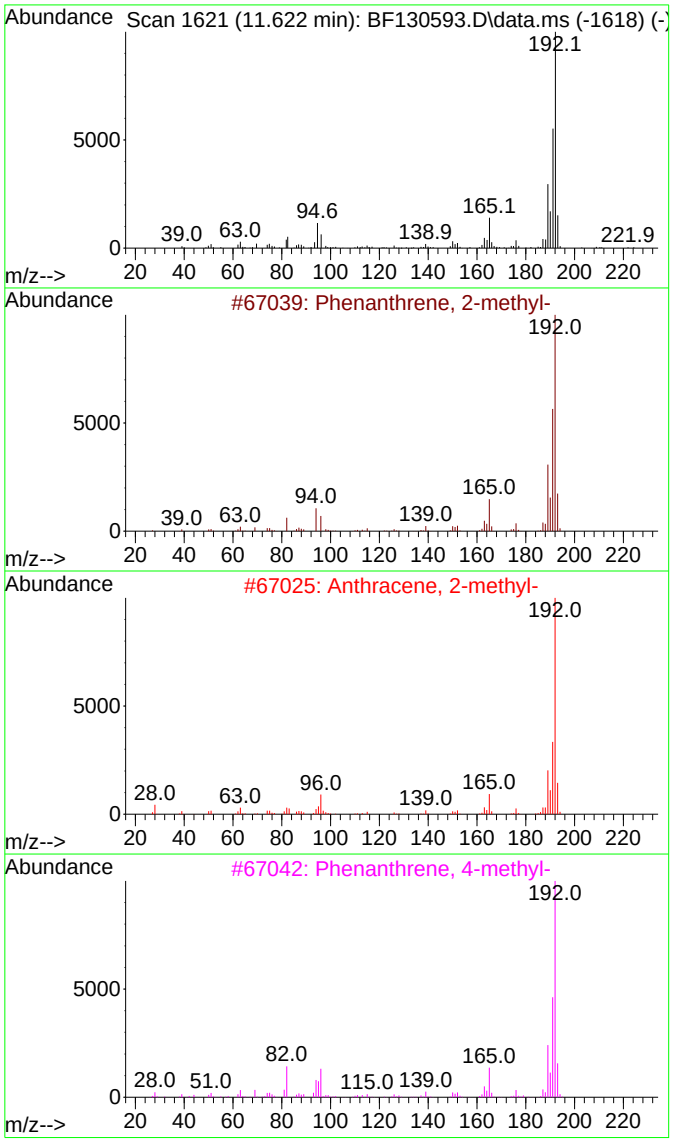
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

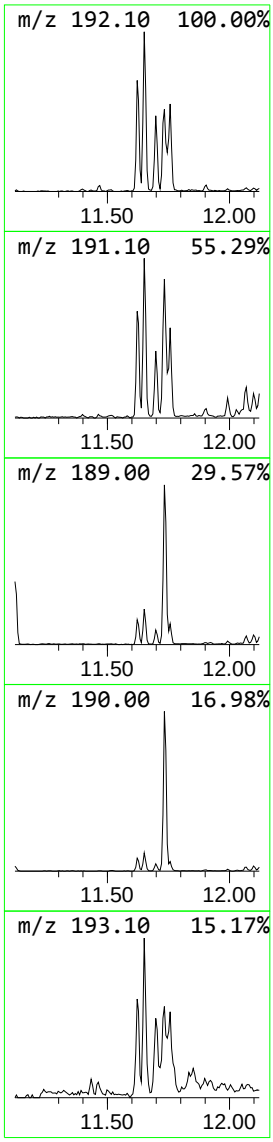
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	5.81 ng	139463	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

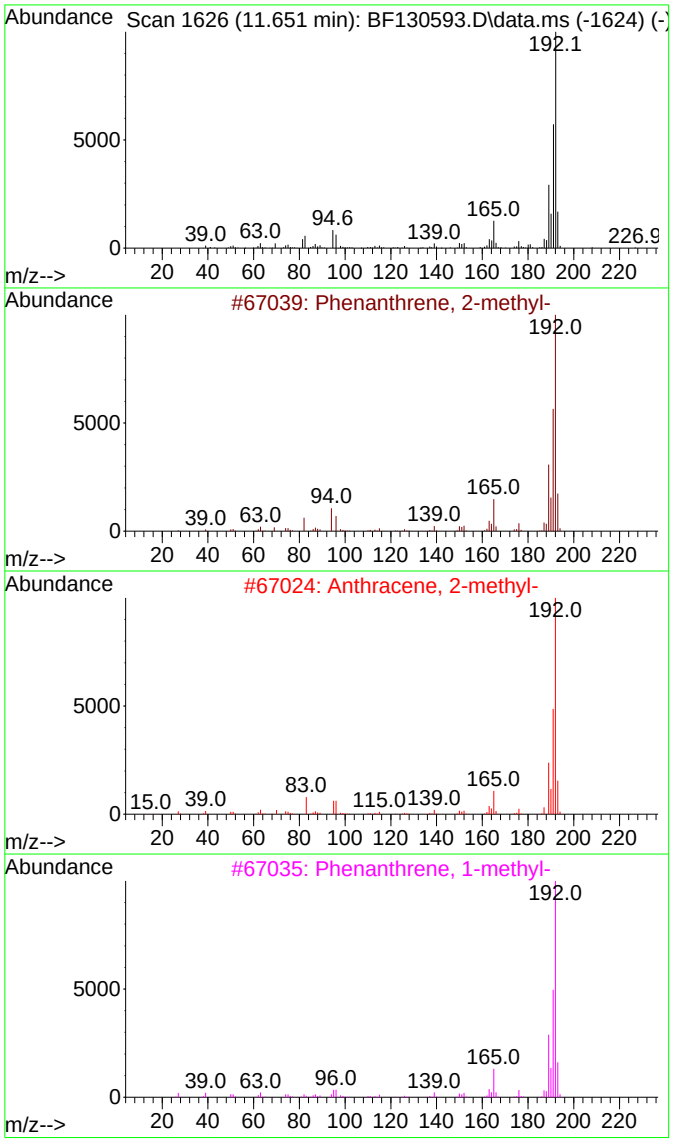
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

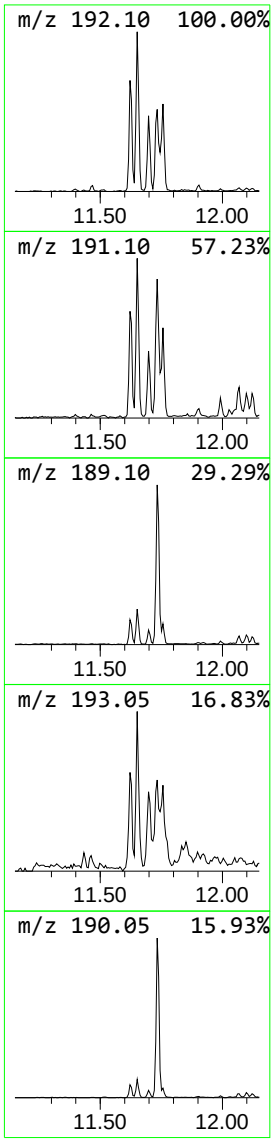
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	8.25 ng	198178	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

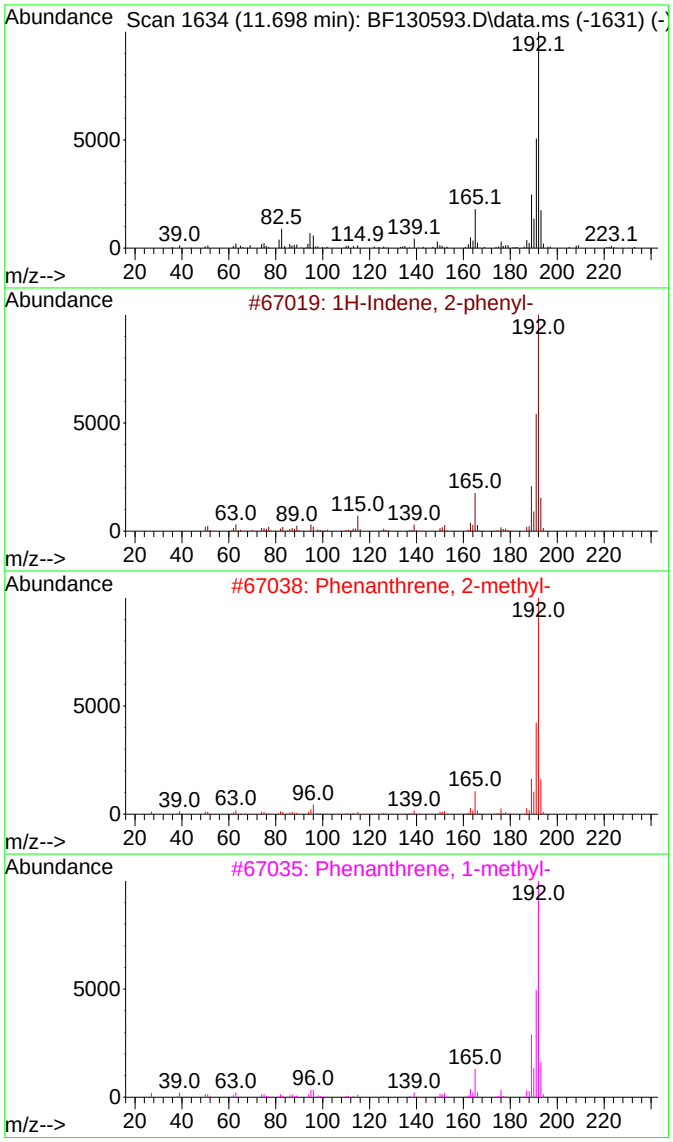
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

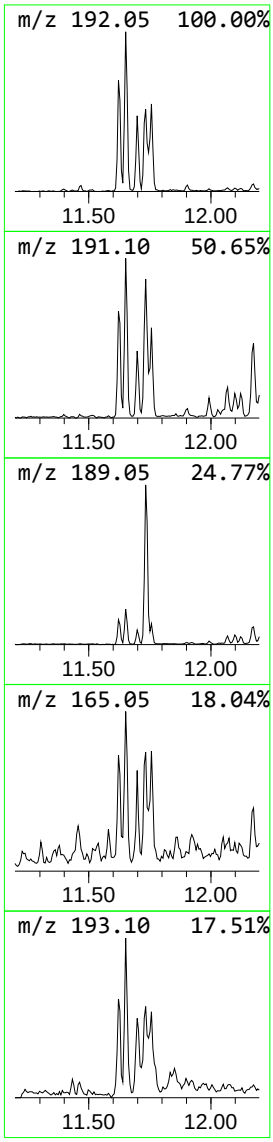
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	3.68 ng	88306	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

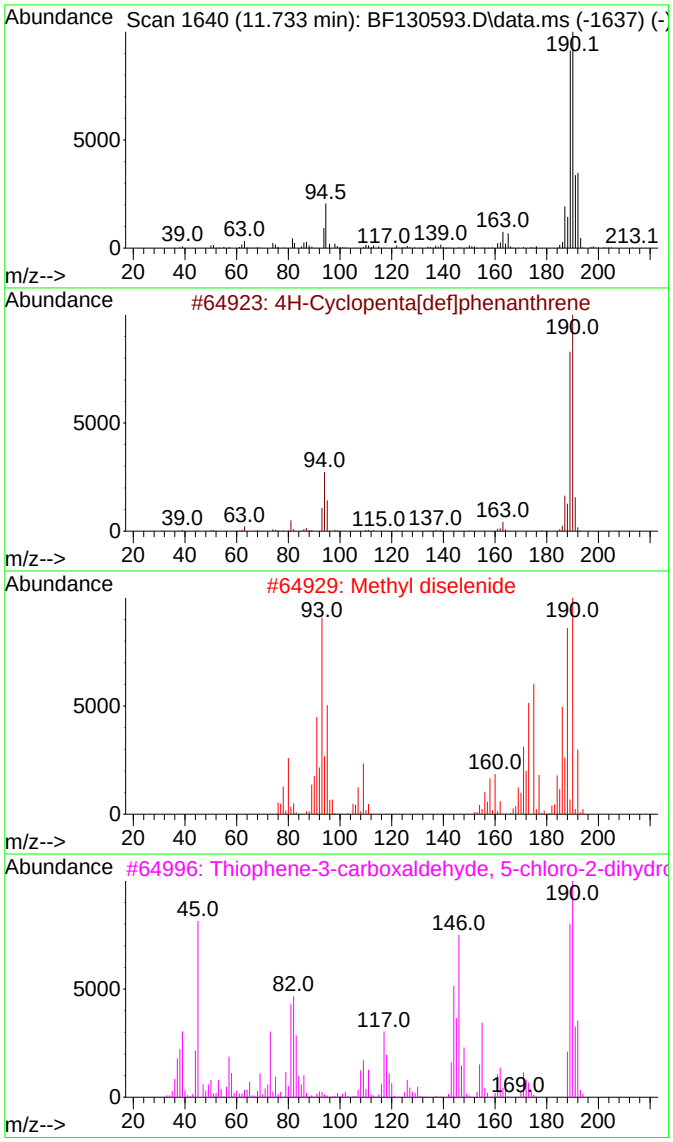
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

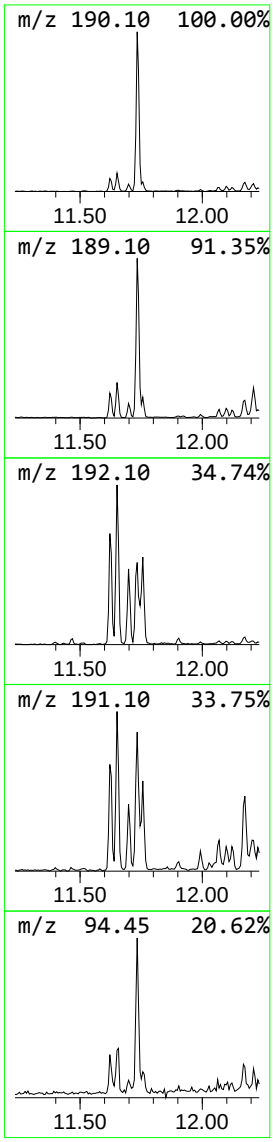
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	16.02 ng	384861	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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ClientSampleId :
OR-3-100622

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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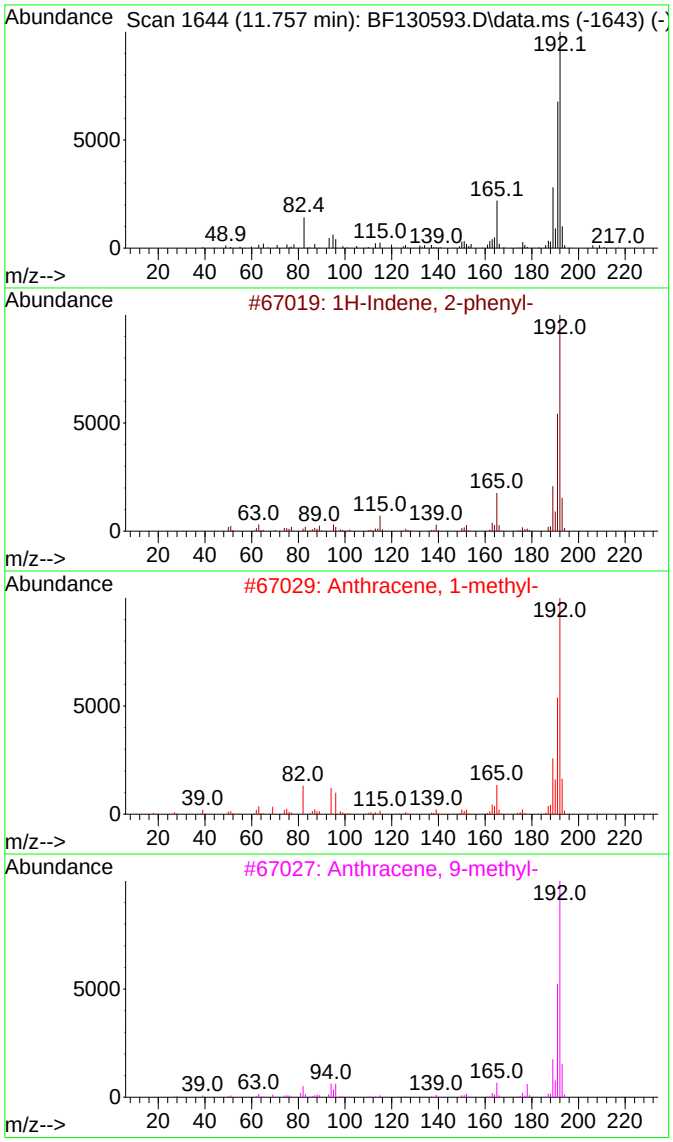
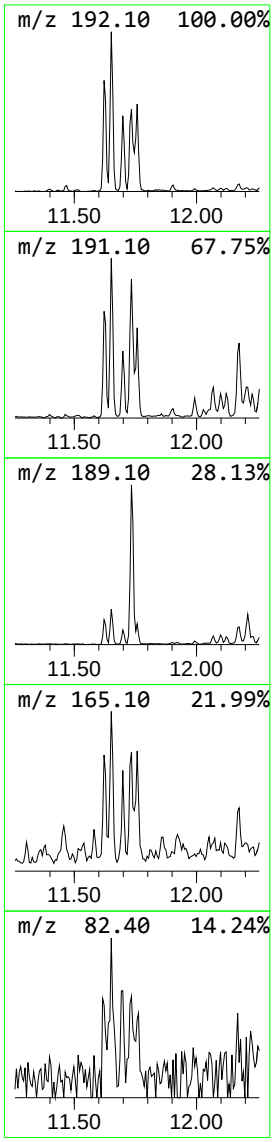
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	3.11 ng	74775	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	68
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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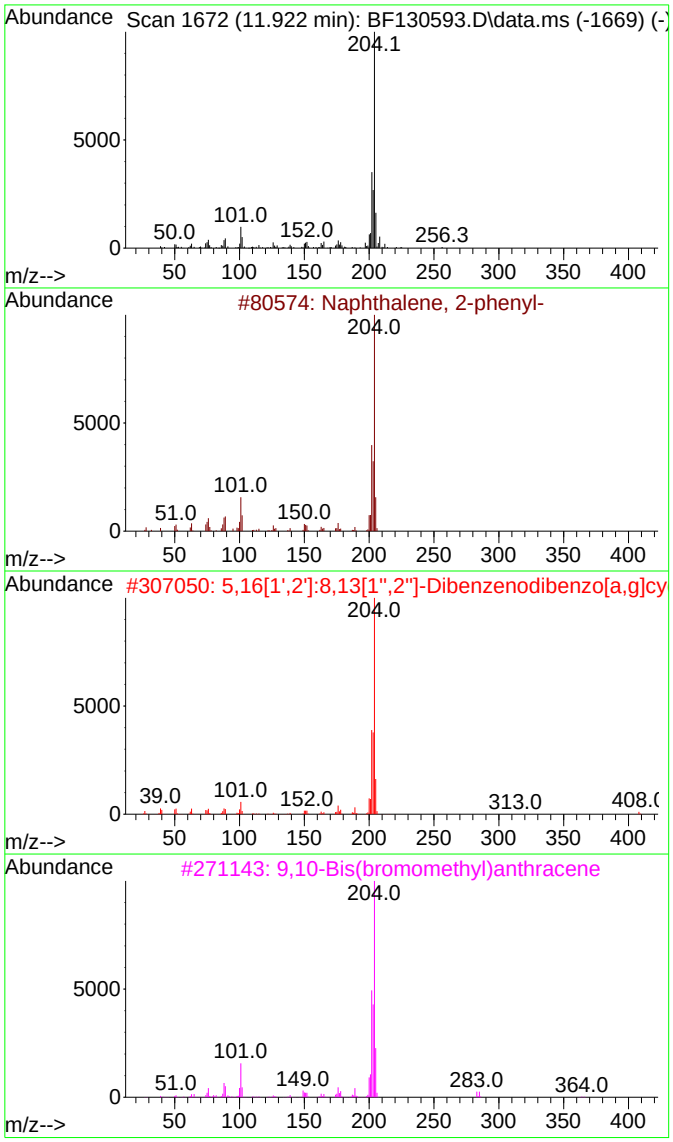
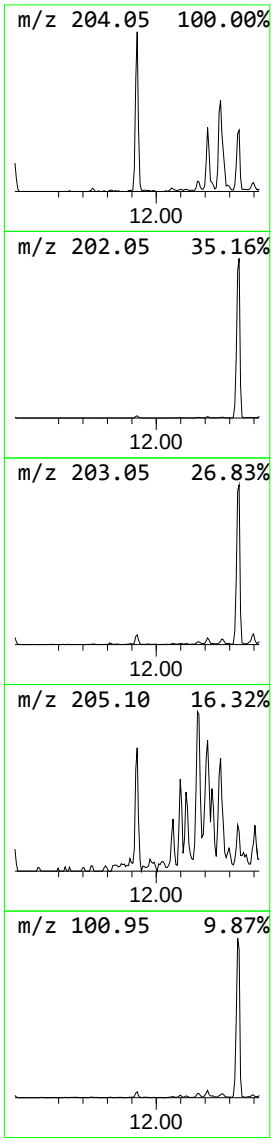
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.86 ng	92723	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	52





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

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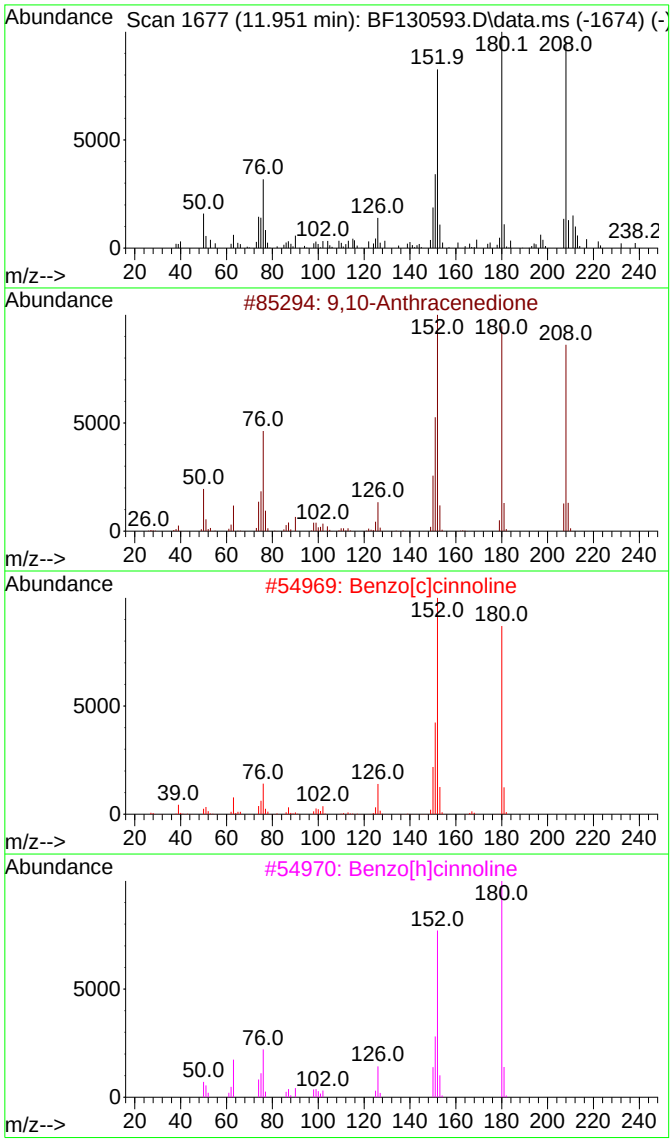
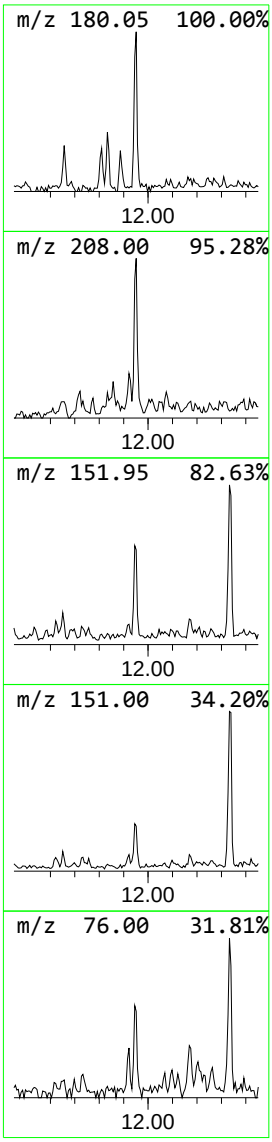
Peak Number 9 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.50 ng	59997	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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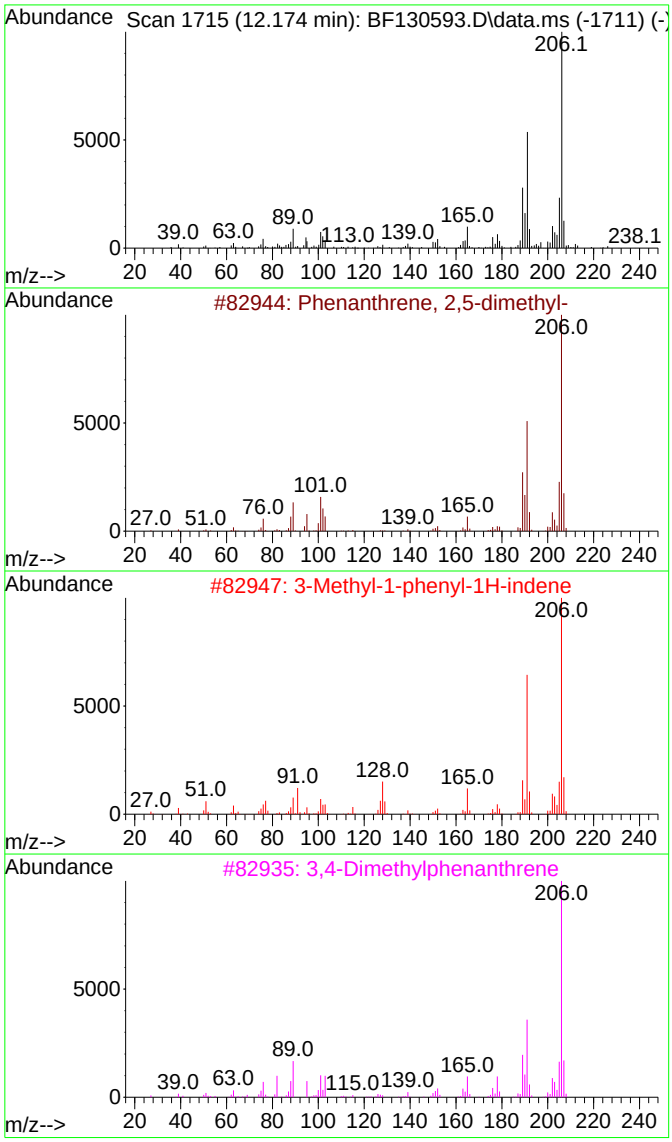
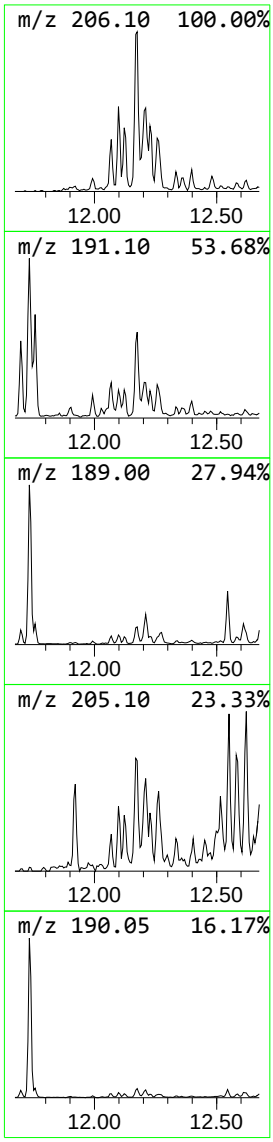
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	6.11 ng	146670	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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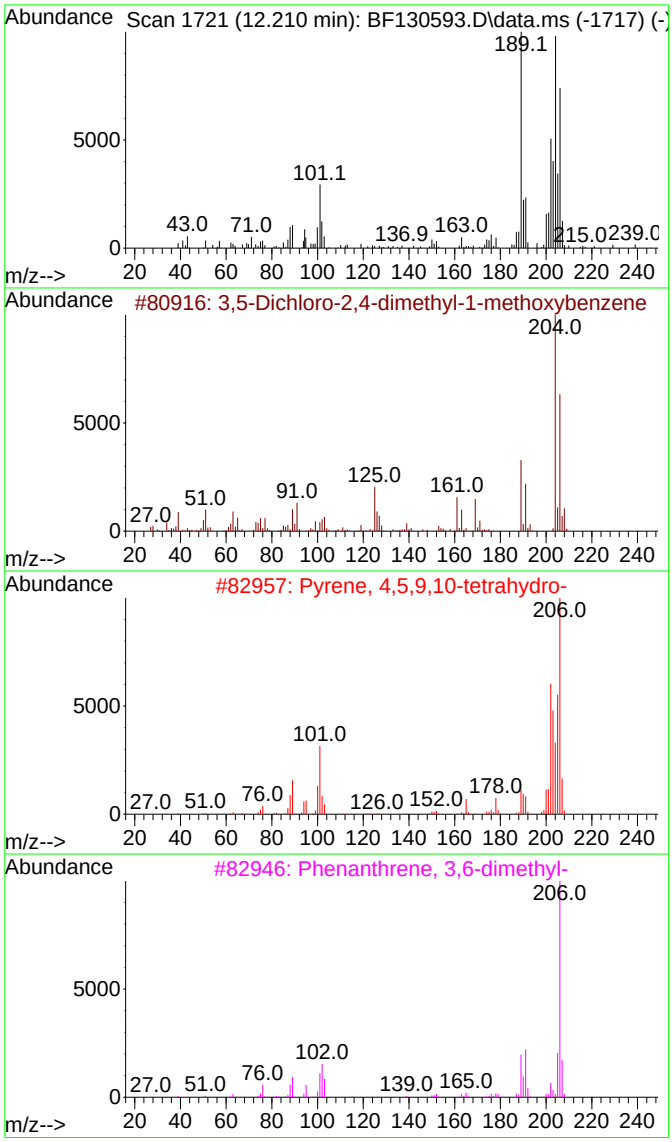
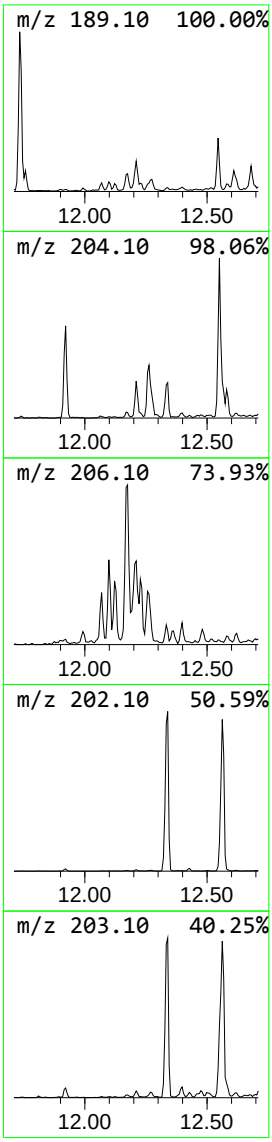
Peak Number 11 unknown12.210 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	5.30 ng	127201	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
4	Benzoic acid, p-[[(dimethylamino...	206	C11H14N2O2	029390-16-7	35
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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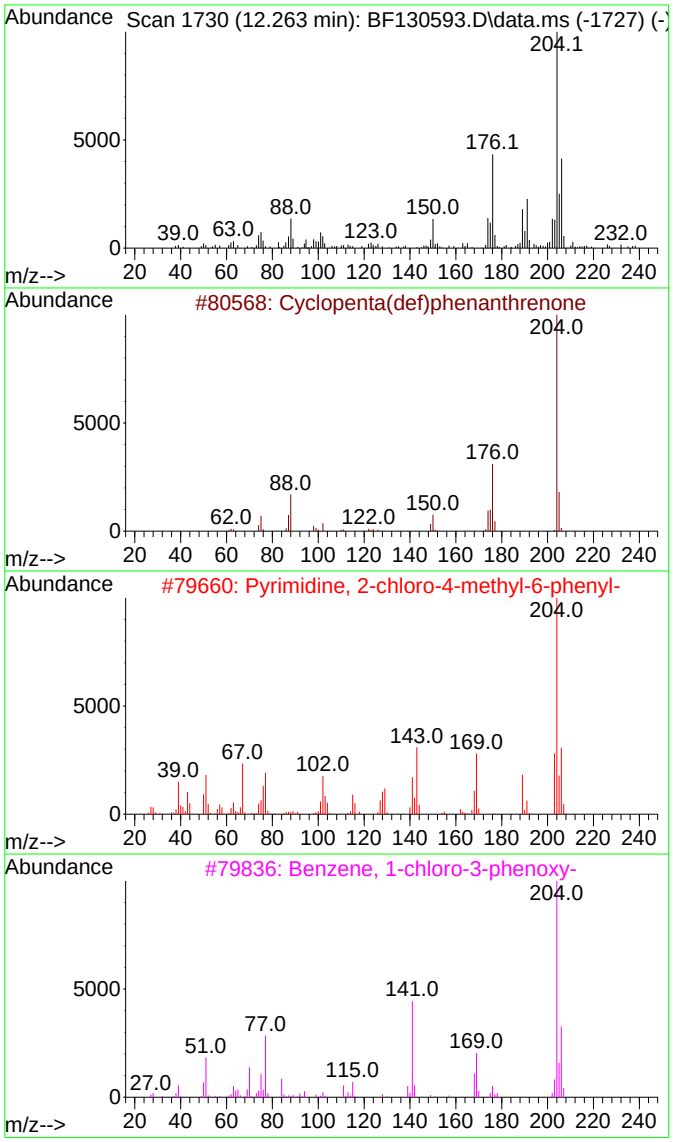
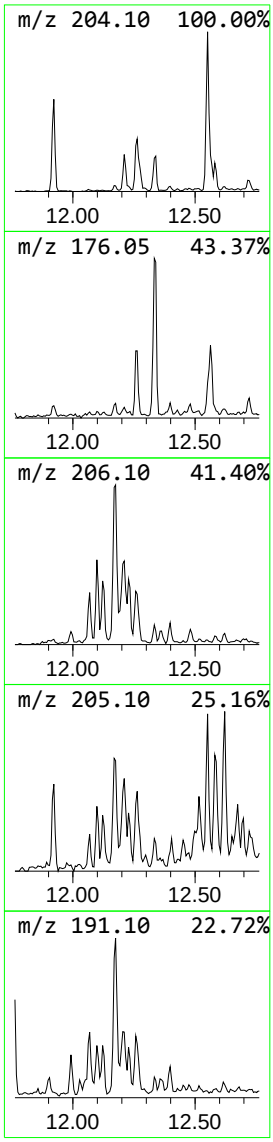
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	5.53 ng	132803	Phenanthrene-d10	11.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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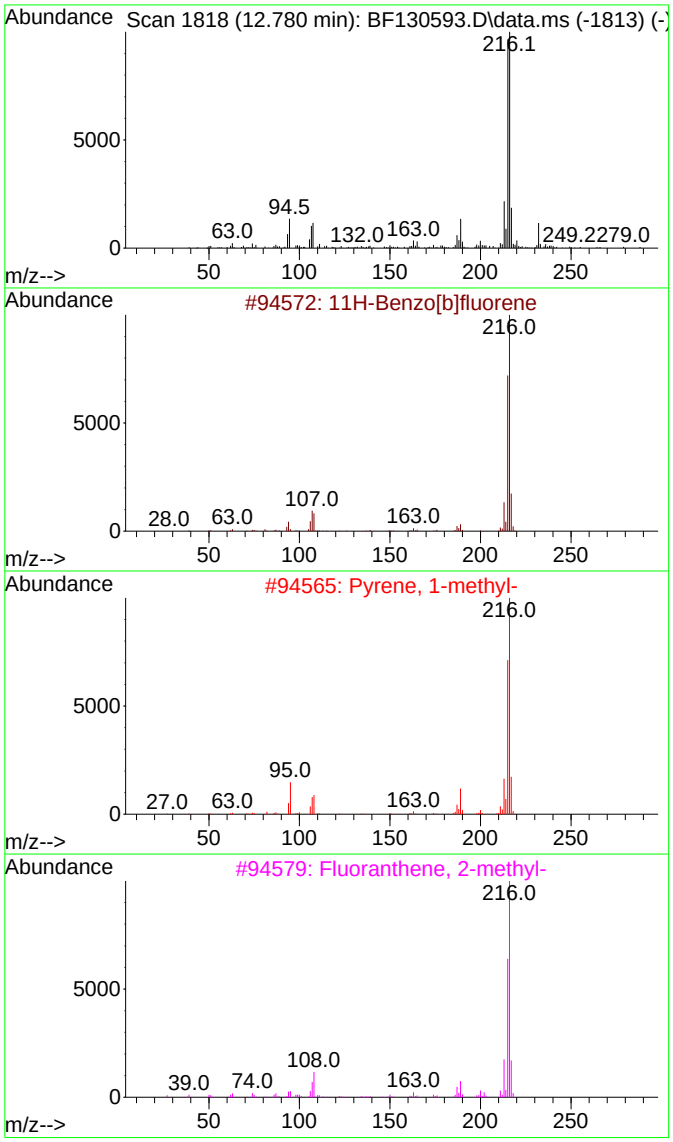
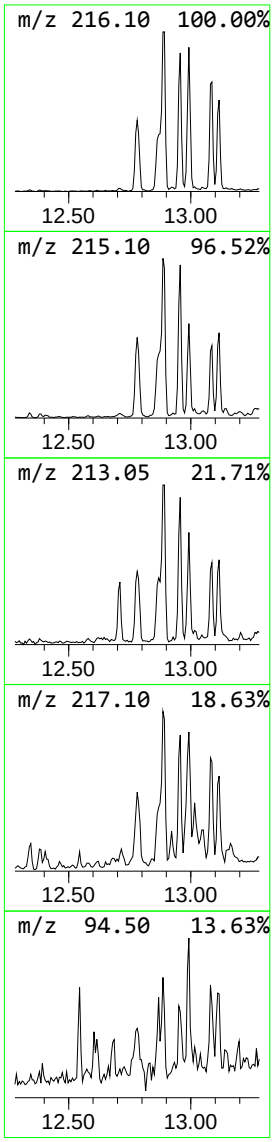
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	2.79 ng	233670	Chrysene-d12	13.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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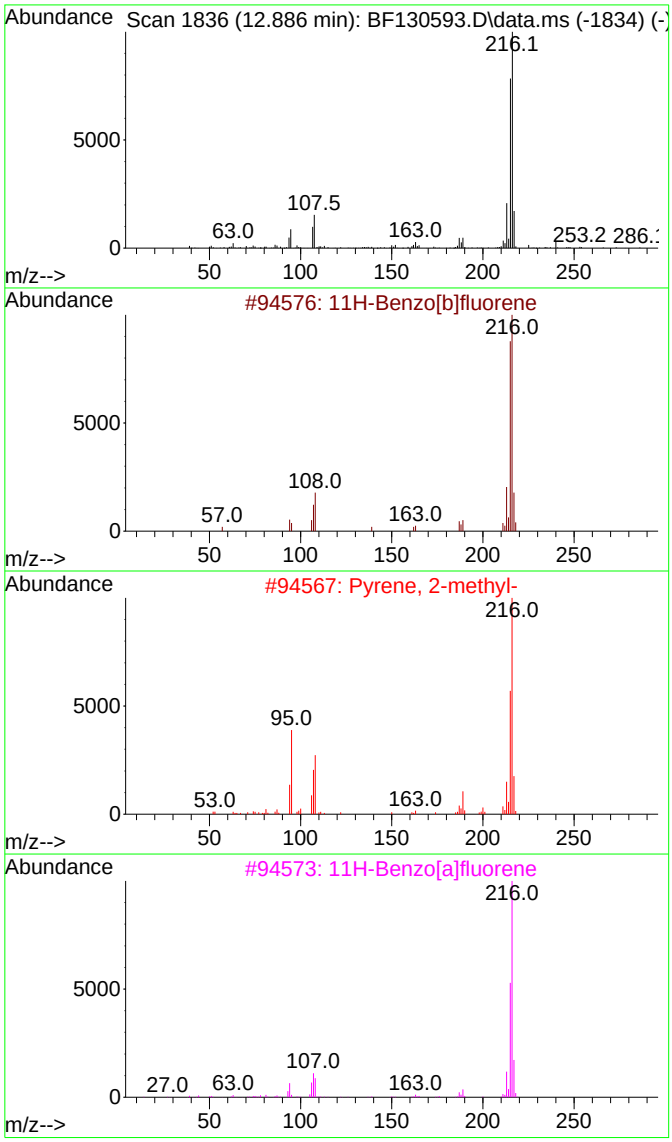
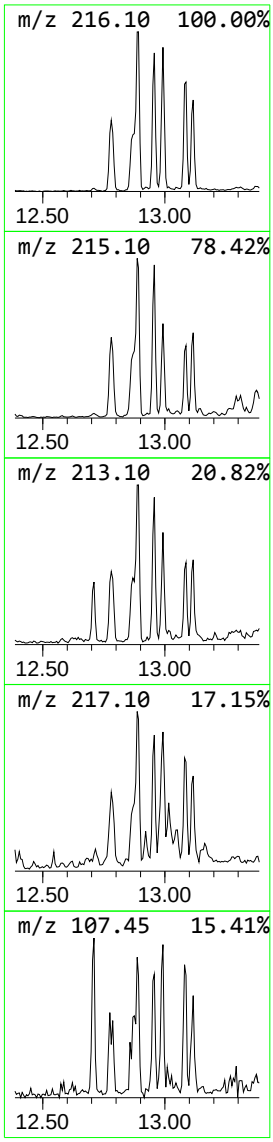
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.24 ng	271617	Chrysene-d12	13.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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

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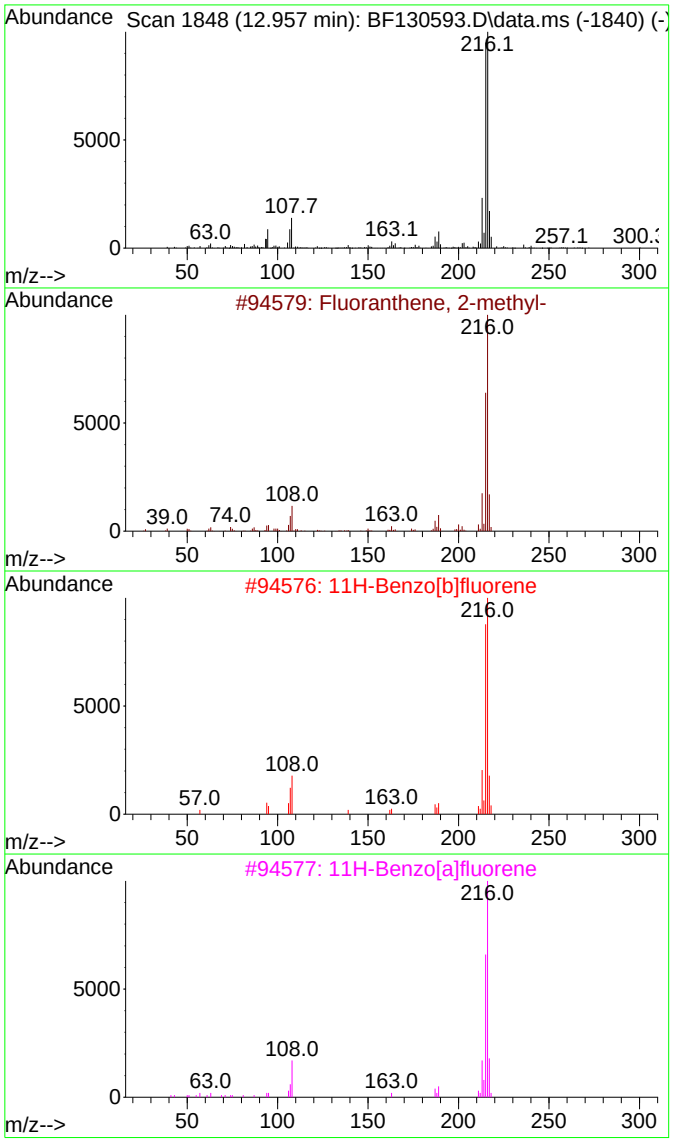
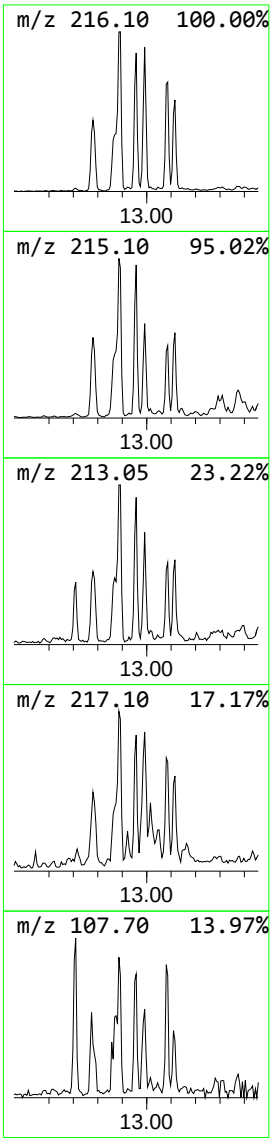
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	3.47 ng	291028	Chrysene-d12	13.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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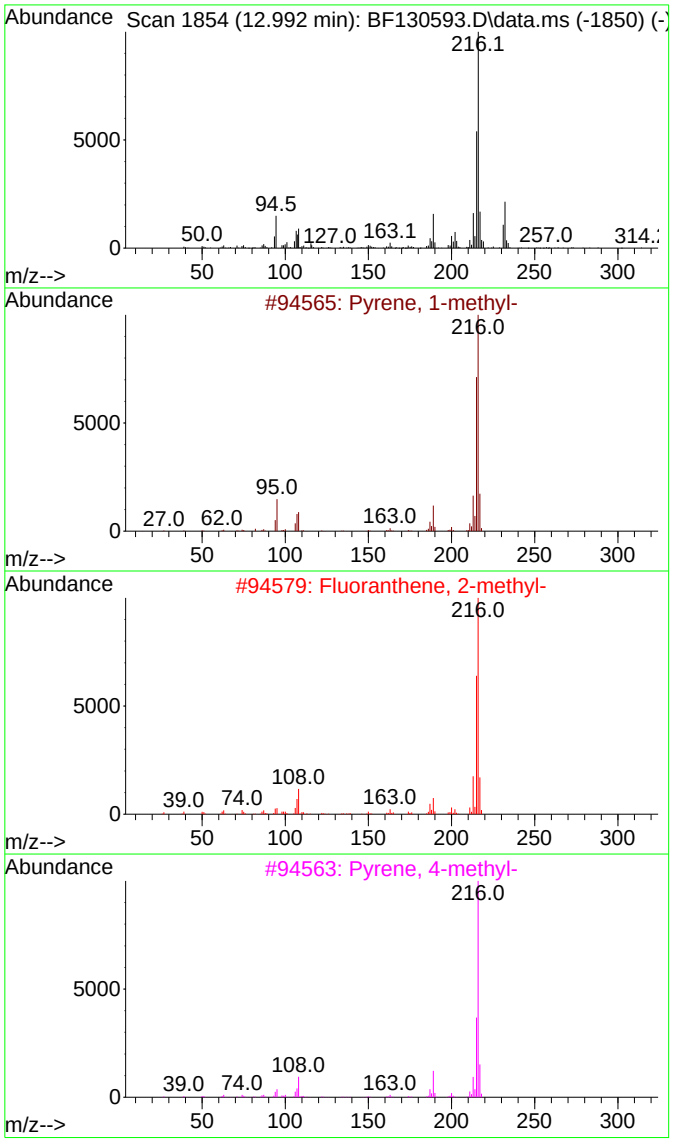
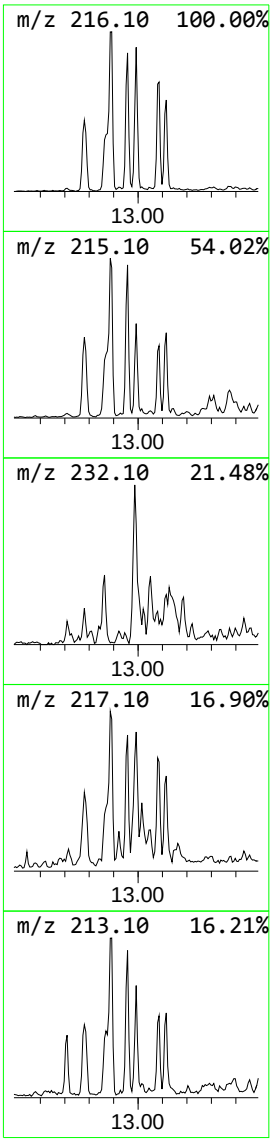
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.14 ng	263579	Chrysene-d12	13.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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TIC Library : C:\Database\NIST20.L
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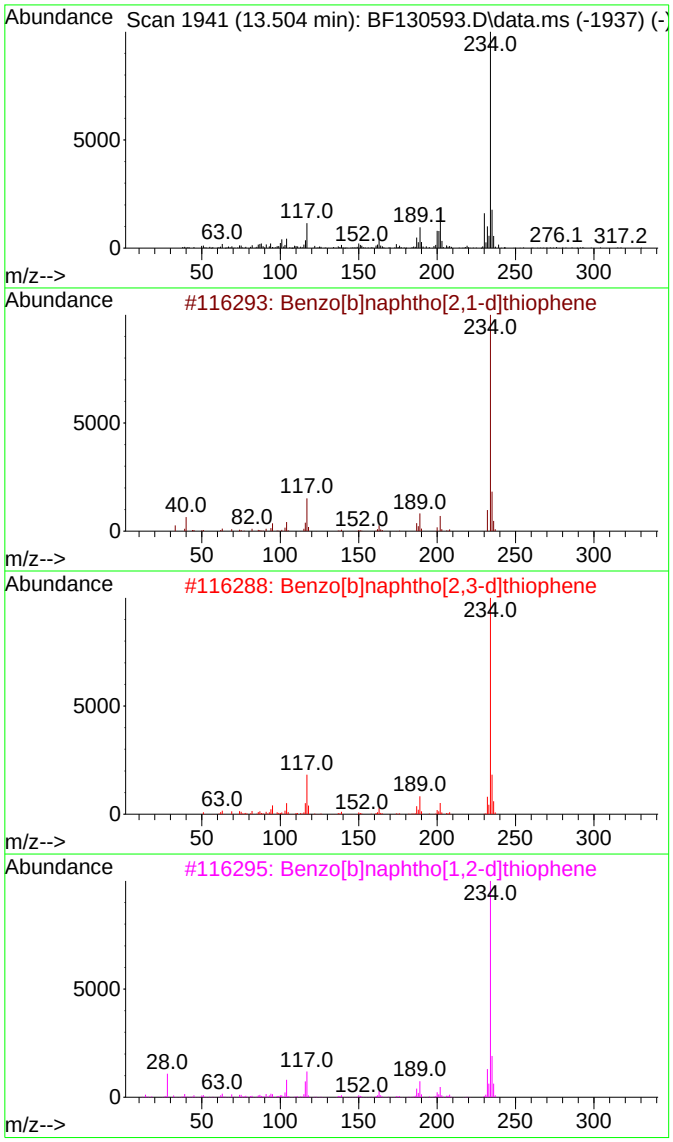
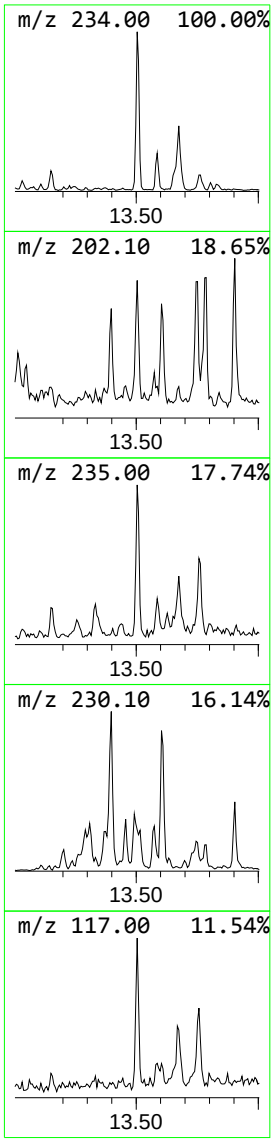
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	2.58 ng	216247	Chrysene-d12	13.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	68
5	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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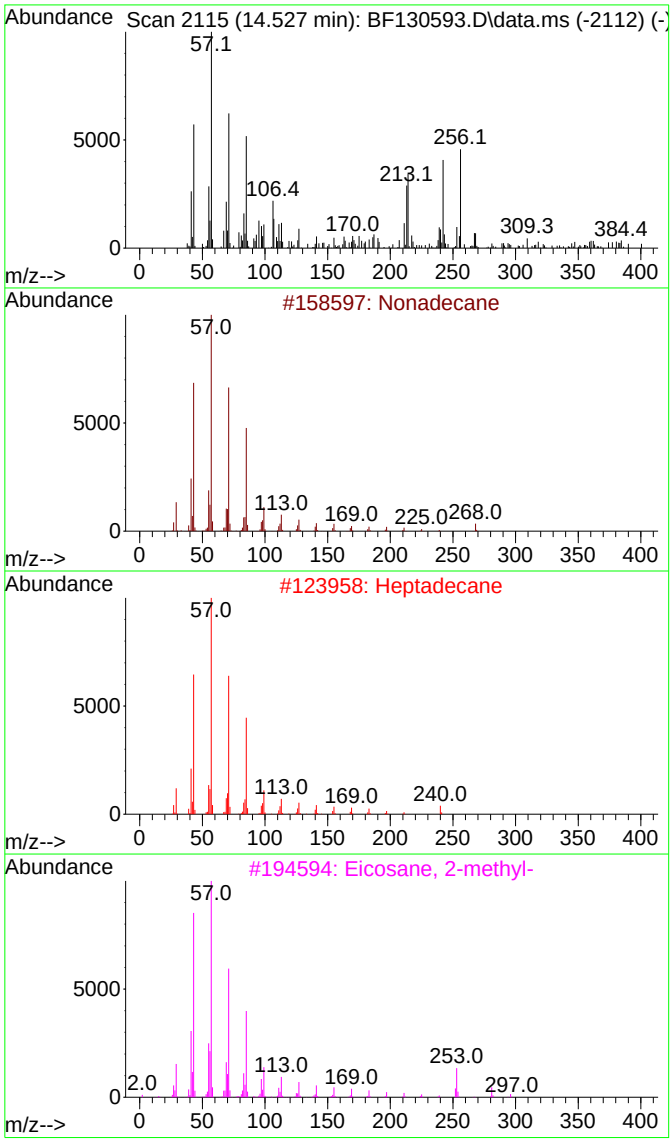
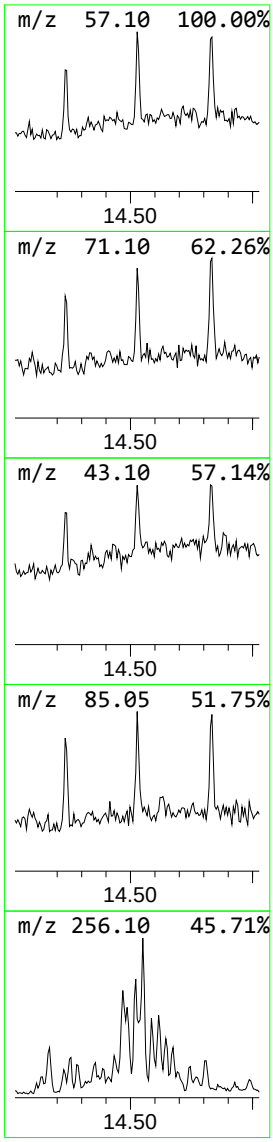
Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	5.08 ng	88026	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	51
2	Heptadecane	240	C17H36	000629-78-7	48
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	46
4	Tetracosane	338	C24H50	000646-31-1	38
5	Heptacosane	380	C27H56	000593-49-7	38





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Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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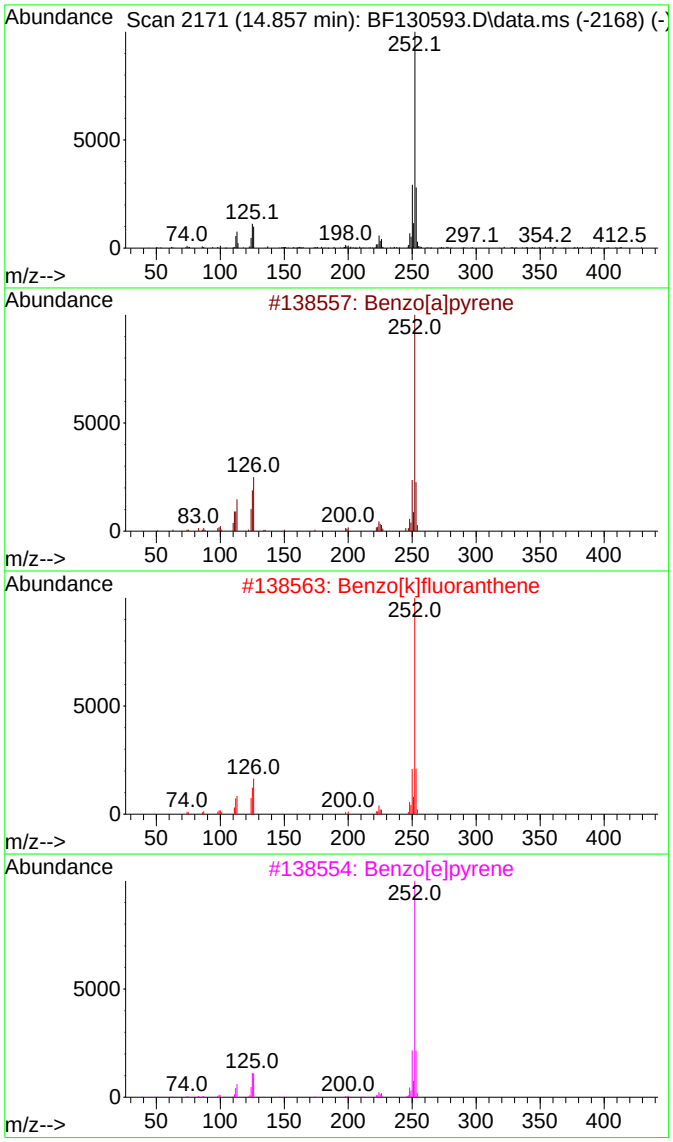
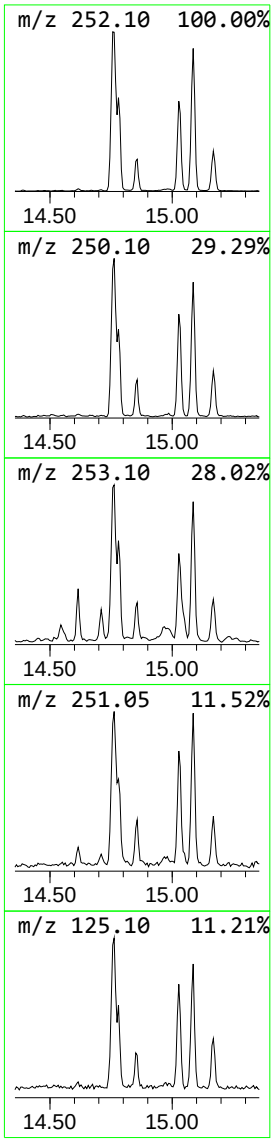
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	6.51 ng	112896	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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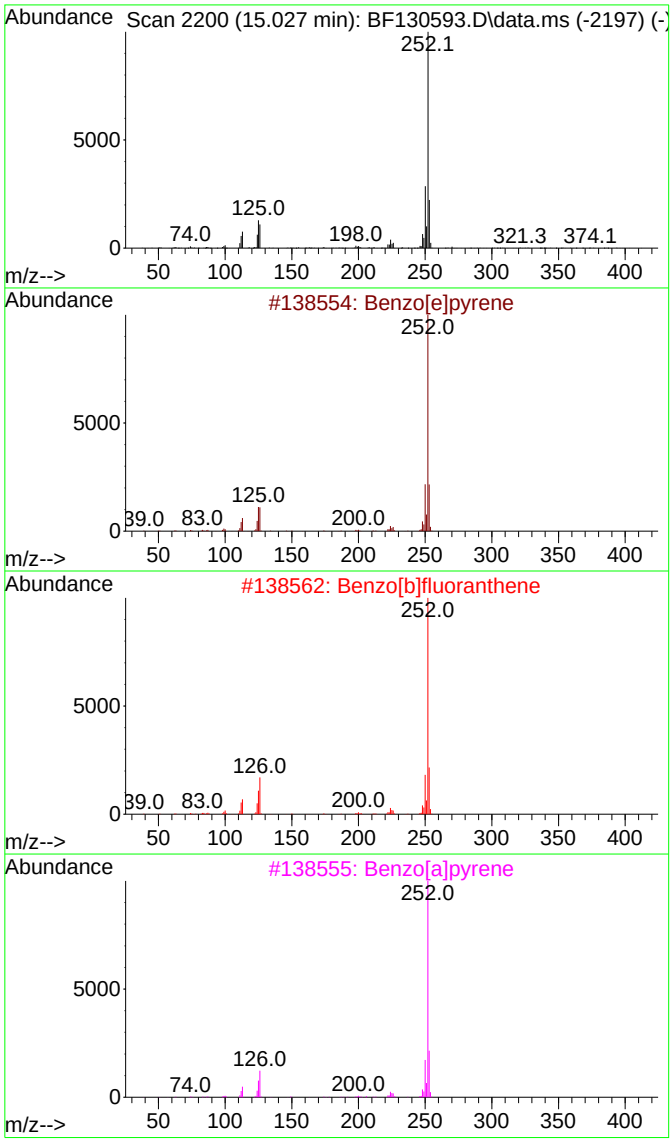
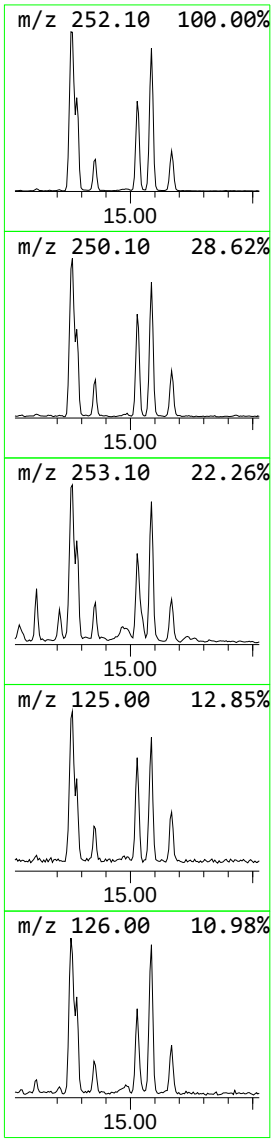
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.027	23.44 ng	406507	Perylene-d12	15.139

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130593.D
Acq On : 08 Oct 2022 01:11
Operator : CG\JU
Sample : N5047-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-100622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
2-Pentanone, 4-...	4.775	18.6	ng	323061	1	6.610	347290	20.0
Naphtho[2,1-b]t...	11.022	3.3	ng	79405	4	11.121	480352	20.0
Phenanthrene, 2...	11.621	5.8	ng	139463	4	11.121	480352	20.0
Anthracene, 2-m...	11.651	8.3	ng	198178	4	11.121	480352	20.0
1H-Indene, 2-ph...	11.698	3.7	ng	88306	4	11.121	480352	20.0
4H-Cyclopenta[d...	11.733	16.0	ng	384861	4	11.121	480352	20.0
Anthracene, 1-m...	11.757	3.1	ng	74775	4	11.121	480352	20.0
Naphthalene, 2-...	11.922	3.9	ng	92723	4	11.121	480352	20.0
9,10-Anthracene...	11.951	2.5	ng	59997	4	11.121	480352	20.0
Phenanthrene, 2...	12.174	6.1	ng	146670	4	11.121	480352	20.0
unknown12.210	12.210	5.3	ng	127201	4	11.121	480352	20.0
Cyclopenta(def)...	12.263	5.5	ng	132803	4	11.121	480352	20.0
11H-Benzo[b]flu...	12.780	2.8	ng	233670	5	13.757	1676940	20.0
Pyrene, 2-methyl-	12.886	3.2	ng	271617	5	13.757	1676940	20.0
Fluoranthene, 2...	12.957	3.5	ng	291028	5	13.757	1676940	20.0
Pyrene, 1-methyl-	12.992	3.1	ng	263579	5	13.757	1676940	20.0
Benzo[b]naphtho...	13.504	2.6	ng	216247	5	13.757	1676940	20.0
Nonadecane	14.527	5.1	ng	88026	6	15.139	346887	20.0
Benzo[e]pyrene	14.857	6.5	ng	112896	6	15.139	346887	20.0
Benzo[j]fluoran...	15.027	23.4	ng	406507	6	15.139	346887	20.0