LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129655.D
Acq On : 09 Aug 2022 04:24
Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-080522

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: BF129655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	538	542	557	rBV	3427837	3115104	96.47%	5.962%
2	6.492	711	715	718	rBV	3396973	2947288	91.27%	5.640%
3	6.840	770	774	777	rBV	1118706	850690	26.34%	1.628%
4	7.098	815	818	826	rBV	54437	74657	2.31%	0.143%
5	7.404	866	870	873	rBV	2060576	1897124	58.75%	3.631%
6	8.122	989	992	995	rBV	1297370	1032276	31.97%	1.976%
7	8.834	1110	1113	1116	rBV	79560	65121	2.02%	0.125%
8	8.934	1127	1130	1133	rVB	117694	90199	2.79%	0.173%
9	9.198	1171	1175	1178	rVB	4142266	3182308	98.55%	6.090%
10	9.463	1216	1220	1223	rBV2	59919	79707	2.47%	0.153%
11	9.533	1229	1232	1235	rBV	144293	155903	4.83%	0.298%
12	9.563	1235	1237	1239	rVV	79858	67623	2.09%	0.129%
13	9.739	1264	1267	1272	rBV	380917	322992	10.00%	0.618%
14	9.857	1282	1287	1288	rBV2	49082	72385	2.24%	0.139%
15	9.880	1288	1291	1294	rVV	1168910	942541	29.19%	1.804%
16	9.910	1294	1296	1299	rVB2	84891	70790	2.19%	0.135%
17	9.986	1305	1309	1312	rBV3	50291	64322	1.99%	0.123%
18	10.080	1321	1325	1329	rVV2	148561	153728	4.76%	0.294%
19	10.122	1329	1332	1335	rVB	92128	83864	2.60%	0.160%
20	10.192	1340	1344	1347	rBV3	105364	121927	3.78%	0.233%
21	10.286	1355	1360	1365	rBV3	71857	142255	4.41%	0.272%
22	10.428	1381	1384	1390	rVB2	212248	216657	6.71%	0.415%
23	10.580	1406	1410	1413	rBV	87555	88670	2.75%	0.170%
24	10.675	1422	1426	1429	rVB	1826120	1593422	49.35%	3.049%
25	10.792	1440	1446	1452	rVB4	85466	178099	5.52%	0.341%
26	10.975	1472	1477	1480	rBV4	100590	134726	4.17%	0.258%
27	11.004	1480	1482	1484	rVV	79643	62881	1.95%	0.120%
28	11.104	1494	1499	1501	rVV2	89860	113260	3.51%	0.217%
29	11.127	1501	1503	1507	rVV2	105929	119040	3.69%	0.228%
30	11.175	1508	1511	1515	rVV	224628	208542	6.46%	0.399%
31	11.216	1515	1518	1521	rVV	114292	124144	3.84%	0.238%
32	11.263	1521	1526	1532	rVB	169805	189708	5.87%	0.363%
33	11.369	1541	1544	1546	rBV	955014	829254	25.68%	1.587%
34	11.392	1546	1548	1552	rVV	2075781	1897895	58.77%	3.632%
35	11.445	1554	1557	1560	rVV	462669	370463	11.47%	0.709%
36	11.480	1560	1563	1565	rVV2	91402	104685	3.24%	0.200%

LSC Area Percent Report

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Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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	11.604	1579	1584	1589	rBV3	191211	248944	7.71%	0.476%
38	11.663	1592	1594	1597	rVV	107297	80932	2.51%	0.155%
39	11.704	1597	1601	1605	rVB3	181262	203163	6.29%	0.389%
40	11.751	1605	1609	1612	rBV4	82869	129894	4.02%	0.249%
41	11.780	1612	1614	1617	rVB	88205	82410	2.55%	0.158%
42	11.827	1619	1622	1624	rBV	76466	60418	1.87%	0.116%
43	11.874	1626	1630	1632	rVV	561196	581964	18.02%	1.114%
44	11.898	1632	1634	1637	rVB	758638	648667	20.09%	1.241%
45	11.945	1637	1642	1645	rBV	155314	155765	4.82%	0.298%
46	11.980	1645	1648	1651	rVV2	699130	799007	24.74%	1.529%
47	12.004	1651	1652	1657	rVB	441595	349433	10.82%	0.669%
48	12.051	1657	1660	1663	rBV3	117041	116121	3.60%	0.222%
49	12.104	1667	1669	1672	rVB2	98794	78183	2.42%	0.150%
50	12.163	1676	1679	1682	rVV	310533	317586	9.84%	0.608%
51	12.198	1682	1685	1690	rVB	356419	301480	9.34%	0.577%
52	12.316	1700	1705	1708	rBV3	156903	242123	7.50%	0.463%
53	12.345	1708	1710	1713	rVV	166578	137664	4.26%	0.263%
54	12.374	1713	1715	1717	rVB2	137435	105140	3.26%	0.201%
55	12.422	1719	1723	1726	rBV	488909	505814	15.66%	0.968%
56	12.457	1726	1729	1731	rVV3	199311	250764	7.77%	0.480%
57	12.480	1731	1733	1735	rVB	186692	133689	4.14%	0.256%
58	12.516	1735	1739	1743	rBV2	346908	420189	13.01%	0.804%
59	12.592	1747	1752	1755	rBV	3066854	2704404	83.75%	5.176%
60	12.627	1755	1758	1760	rBV	126143	109429	3.39%	0.209%
61	12.651	1760	1762	1765	rVB2	126907	95455	2.96%	0.183%
62	12.680	1765	1767	1770	rVB	149425	135433	4.19%	0.259%
63	12.721	1770	1774	1775	rBV2	158036	151695	4.70%	0.290%
64	12.739	1775	1777	1779	rVB	138688	102588	3.18%	0.196%
65	12.763	1779	1781	1784	rVB3	144164	118573	3.67%	0.227%
66	12.821	1784	1791	1796	rBV	3101467	3229131	100.00%	6.180%
67	12.869	1796	1799	1803	rVB2	225684	253392	7.85%	0.485%
68	12.957	1806	1814	1817	rBV	3251588	3046268	94.34%	5.830%
69	13.033	1823	1827	1831	rBV3	360878	574413	17.79%	1.099%
70	13.092	1835	1837	1839	rVV	107529	80305	2.49%	0.154%
71	13.121	1839	1842	1844	rVV3	342512	432731	13.40%	0.828%
72	13.145	1844	1846	1849	rVB	600695	484559	15.01%	0.927%
73	13.216	1855	1858	1860	rVV	282138	267799	8.29%	0.513%
74	13.251	1860	1864	1867	rVV2	516032	574586	17.79%	1.100%
75	13.304	1871	1873	1876	rBV2	64804	67144	2.08%	0.128%
76	13.345	1877	1880	1882	rBV	375313	312505	9.68%	0.598%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-080522

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

77	13.374	1882	1885	1888	rVV	353076	312129	9.67%	0.597%
78	13.521	1907	1910	1911	rBV3	93355	99499	3.08%	0.190%
79	13.657	1931	1933	1937	rVB	456092	416936	12.91%	0.798%
80	13.716	1941	1943	1946	rBV	99787	79950	2.48%	0.153%
81	13.768	1948	1952	1954	rVV2	380376	409038	12.67%	0.783%
82	13.792	1954	1956	1959	rVV	291908	251323	7.78%	0.481%
83	13.821	1959	1961	1964	rVV2	181774	235427	7.29%	0.451%
84	13.868	1966	1969	1972	rVB	438539	466153	14.44%	0.892%
85	14.016	1990	1994	1997	rBV2	1393728	2092527	64.80%	4.005%
86	14.045	1997	1999	2006	rVB	1317514	1360868	42.14%	2.604%
87	14.104	2007	2009	2011	rBV3	133210	119433	3.70%	0.229%
88	14.168	2017	2020	2022	rBV2	119277	134978	4.18%	0.258%
89	14.251	2032	2034	2036	rVB	115192	76061	2.36%	0.146%
90	14.280	2036	2039	2041	rBV3	111108	107238	3.32%	0.205%
91	14.410	2056	2061	2064	rBV	342684	412503	12.77%	0.789%
92	14.439	2064	2066	2070	rBV2	203810	227401	7.04%	0.435%
93	14.533	2079	2082	2084	rBV2	206053	158064	4.89%	0.302%
94	15.068	2169	2173	2176	rBV	858001	1293060	40.04%	2.475%
95	15.174	2188	2191	2197	rVB	222544	277839	8.60%	0.532%
96	15.374	2221	2225	2230	rVB	537042	680948	21.09%	1.303%
97	15.433	2231	2235	2240	rBV	759986	942988	29.20%	1.805%
98	15.498	2242	2246	2249	rBV	375473	447948	13.87%	0.857%
99	16.986	2494	2499	2508	rVB2	306188	629825	19.50%	1.205%
100	17.433	2571	2575	2588	rVB	260666	567280	17.57%	1.086%

Sum of corrected areas: 52253426

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
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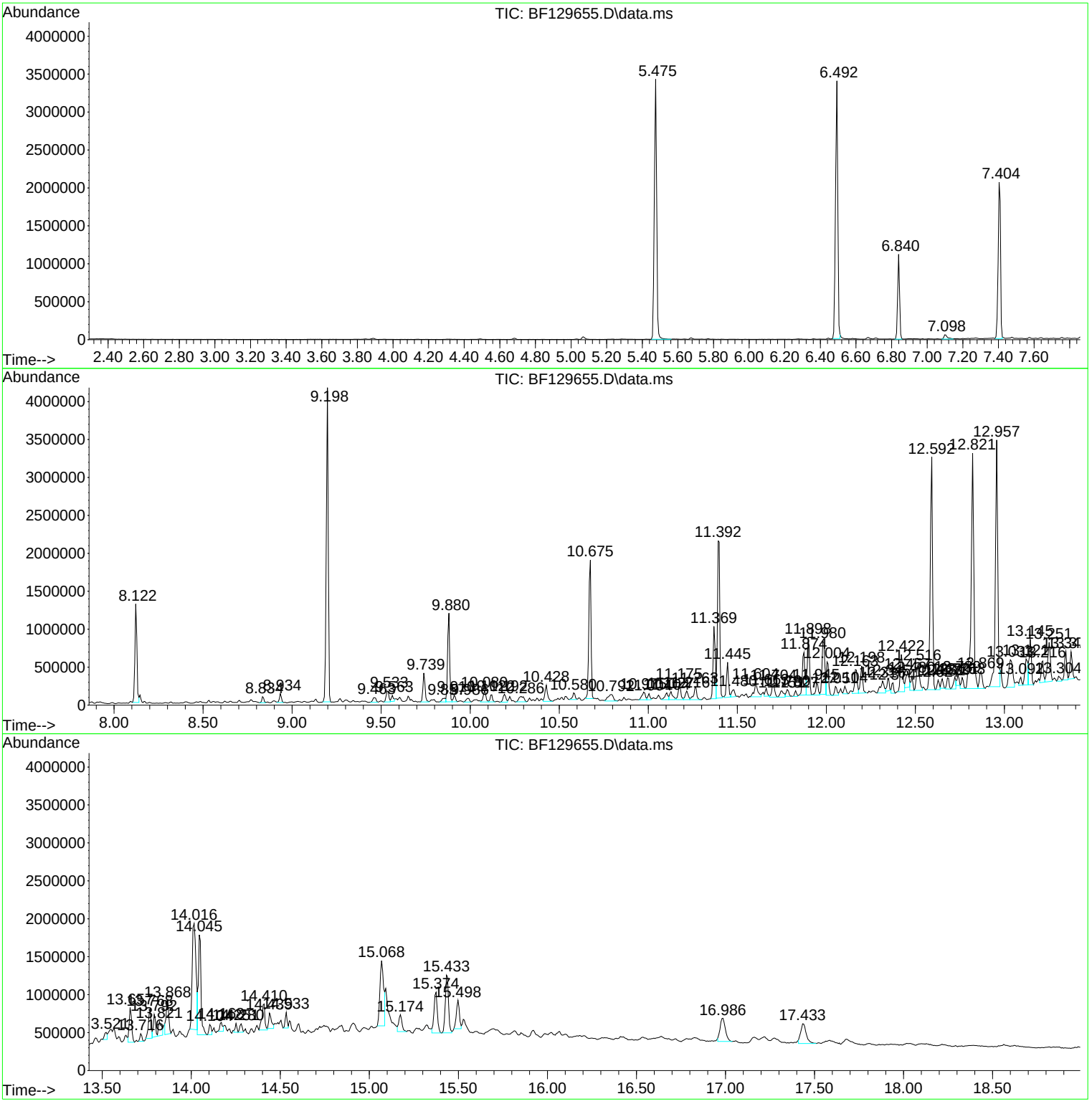
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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\BF080822\
Data File : BF129655.D
Acq On : 09 Aug 2022 04:24
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Instrument :
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ClientSampleId :
BU-02-080522

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

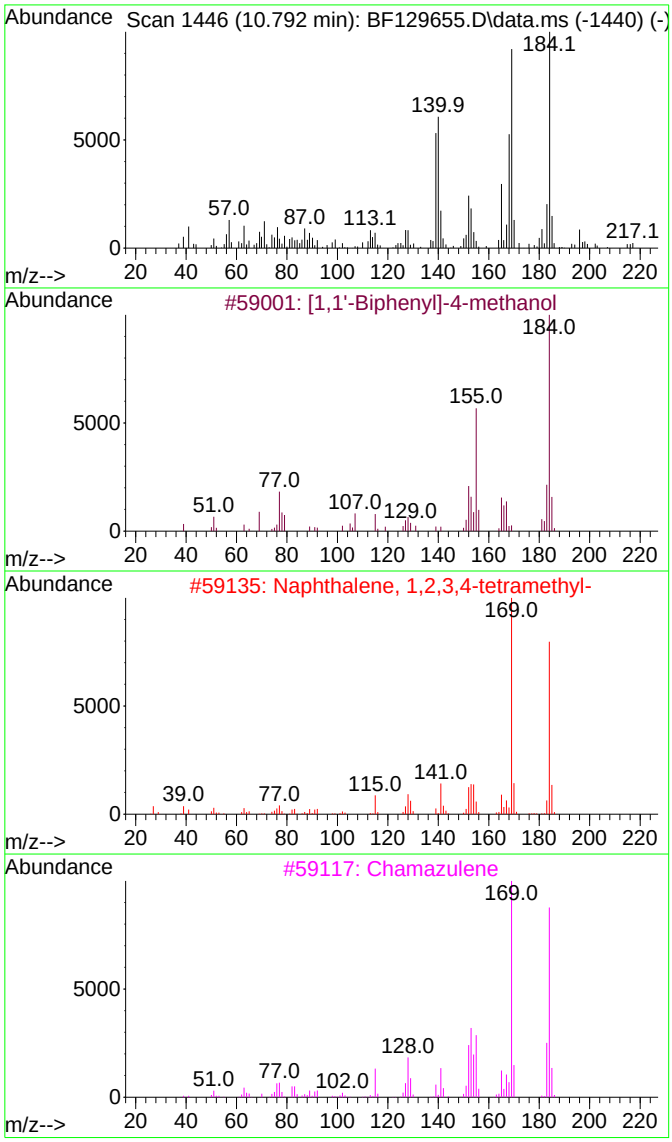
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

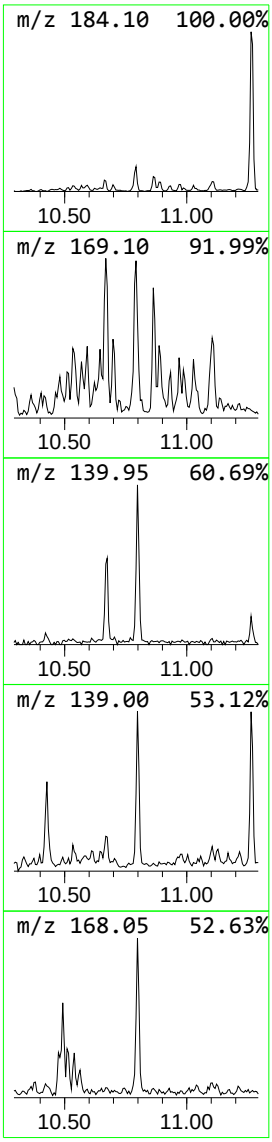
****

Peak Number 1 [1,1'-Biphenyl]-4-methanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	4.30 ng	178099	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	51
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
3	Chamazulene	184	C14H16	000529-05-5	49
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	46
5	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129655.D
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Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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

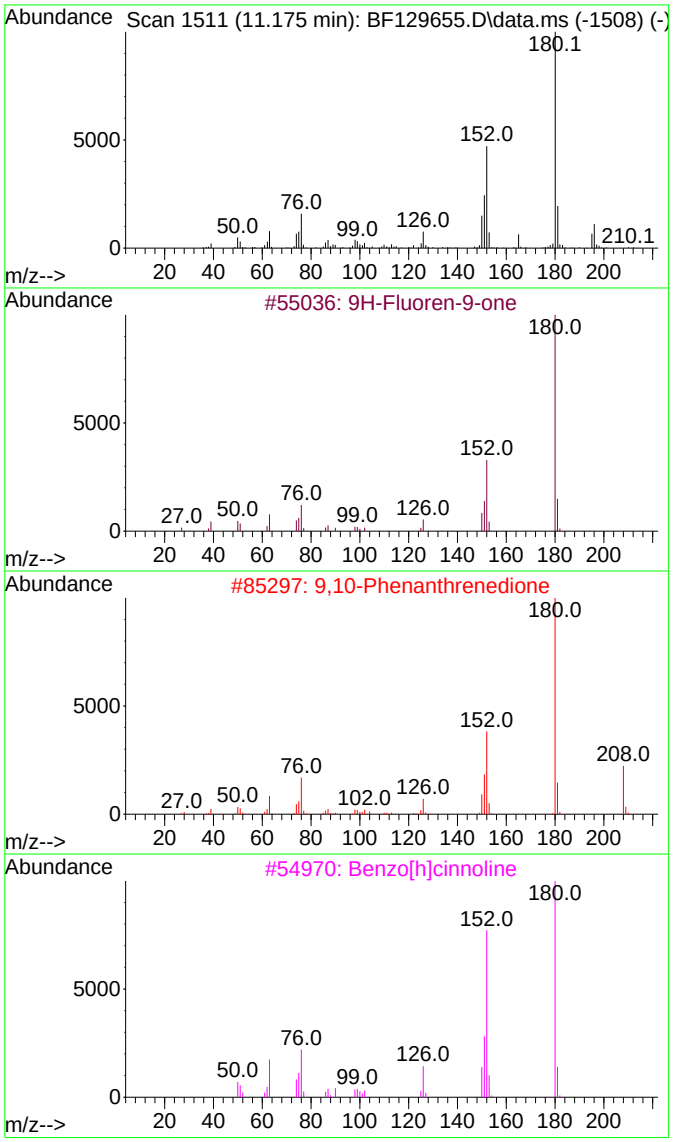
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

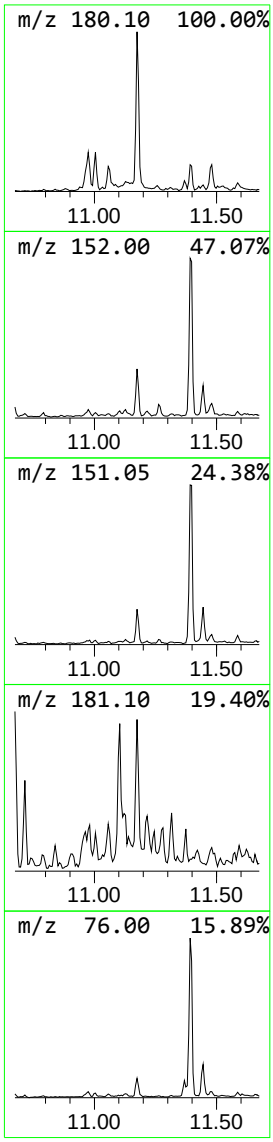
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	5.03 ng	208542	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





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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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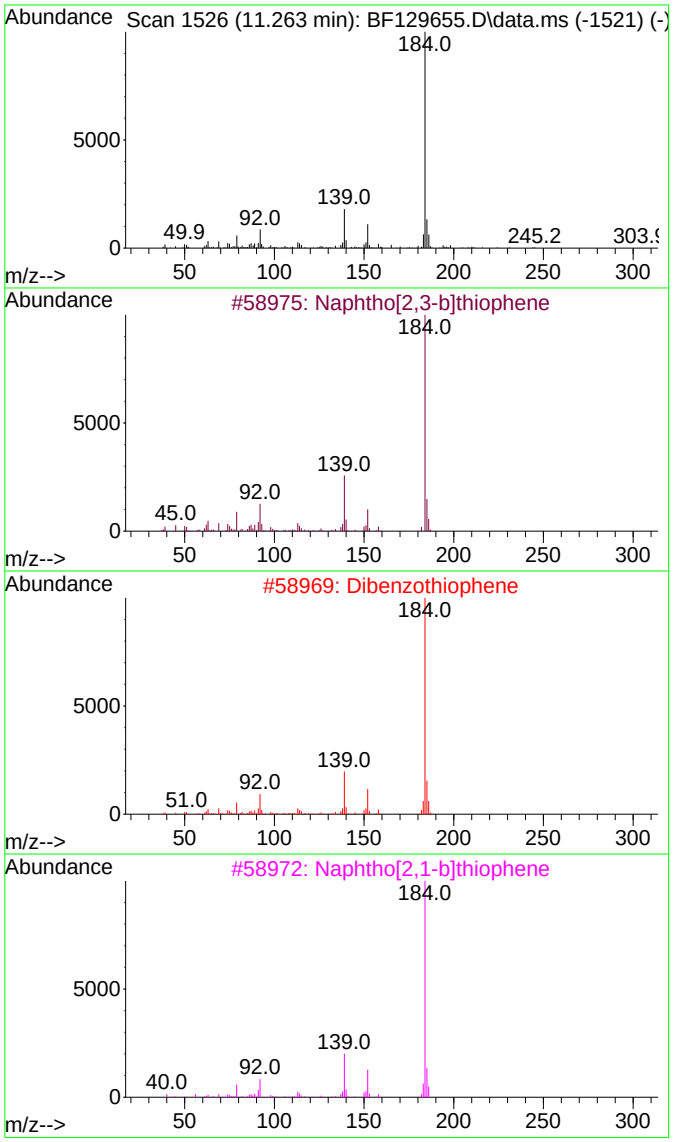
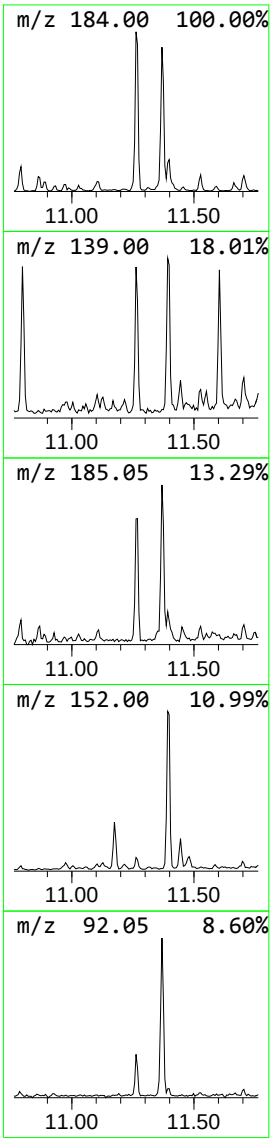
Peak Number 3 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	4.58 ng	189708	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

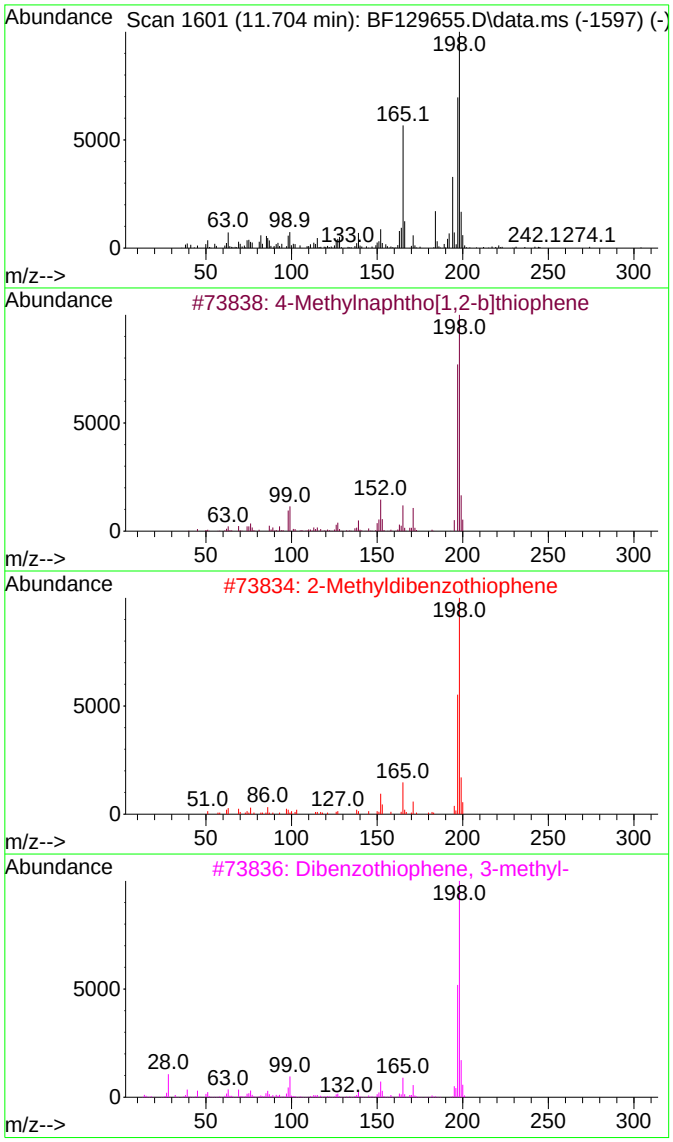
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

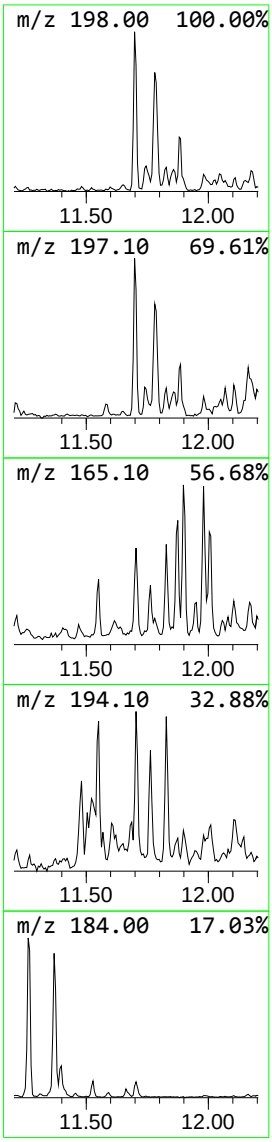
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	4.90 ng	203163	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	64
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	60
5	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129655.D
Acq On : 09 Aug 2022 04:24
Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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

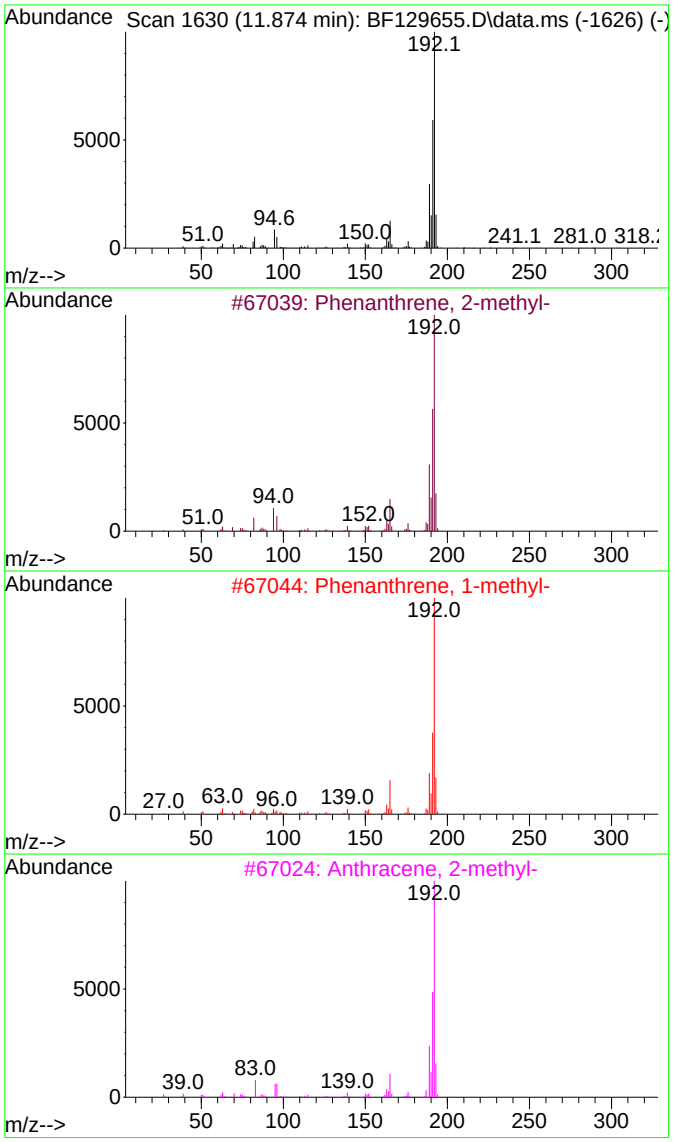
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

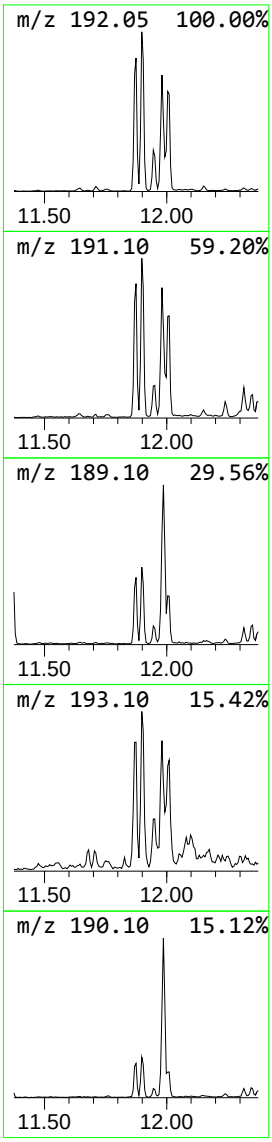
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	14.04 ng	581964	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Operator : CG\JU
Sample : N4068-01
Misc :
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ClientSampleId :
BU-02-080522

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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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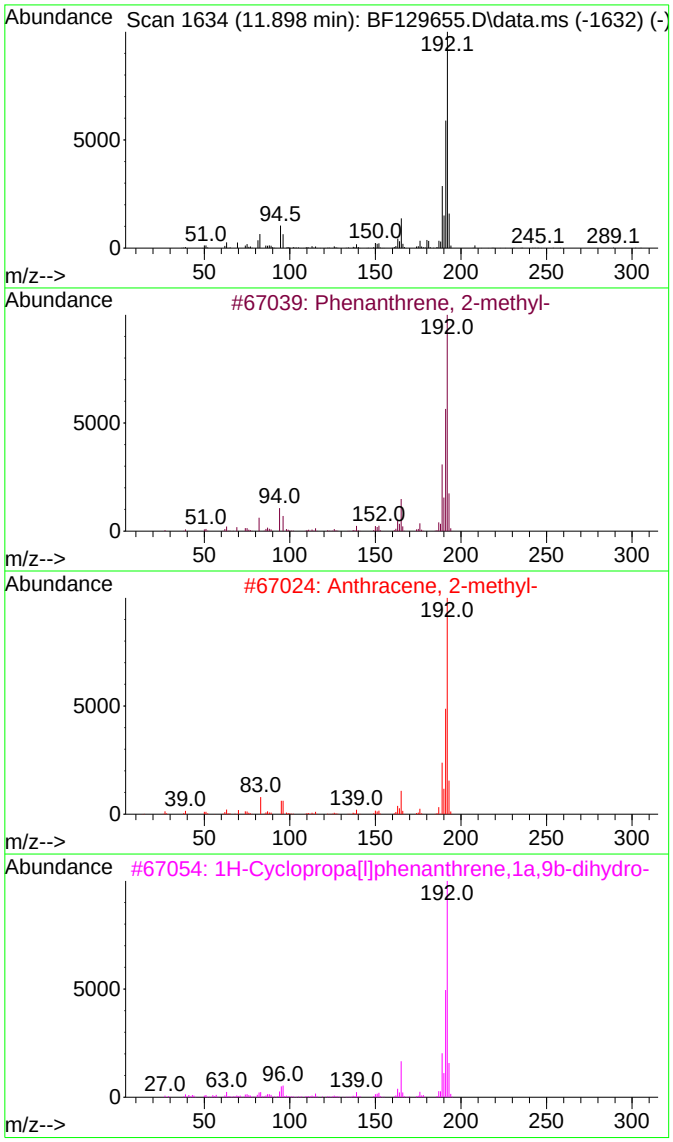
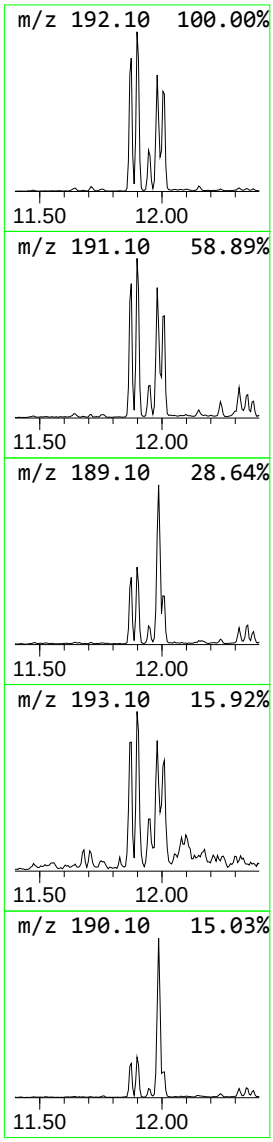
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	15.64 ng	648667	Phenanthrene-d10	11.369

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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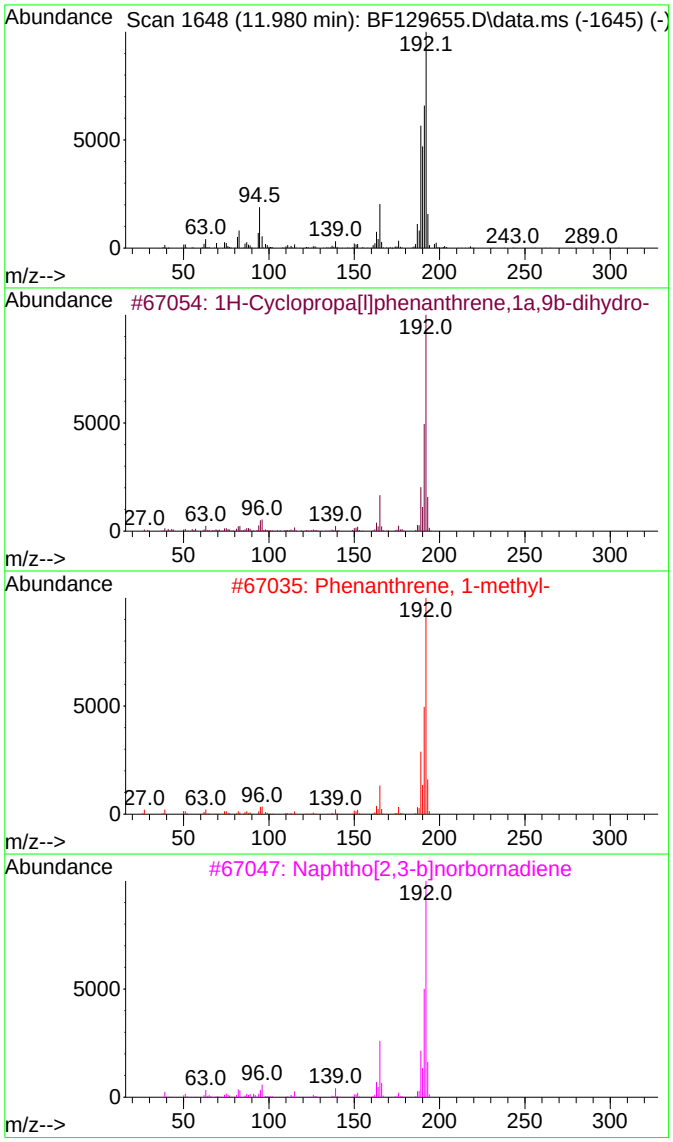
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

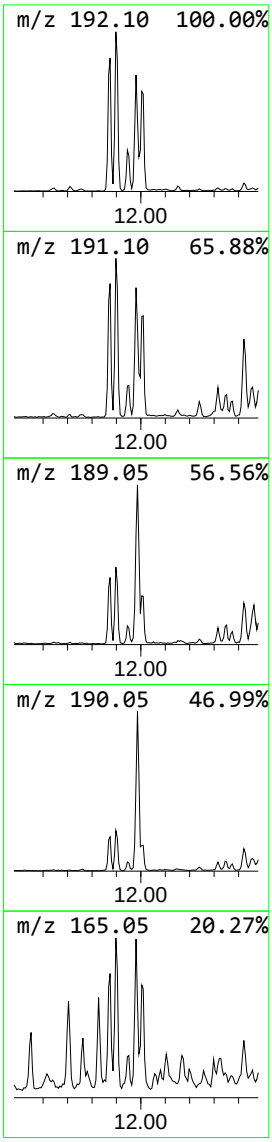
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	19.27 ng	799007	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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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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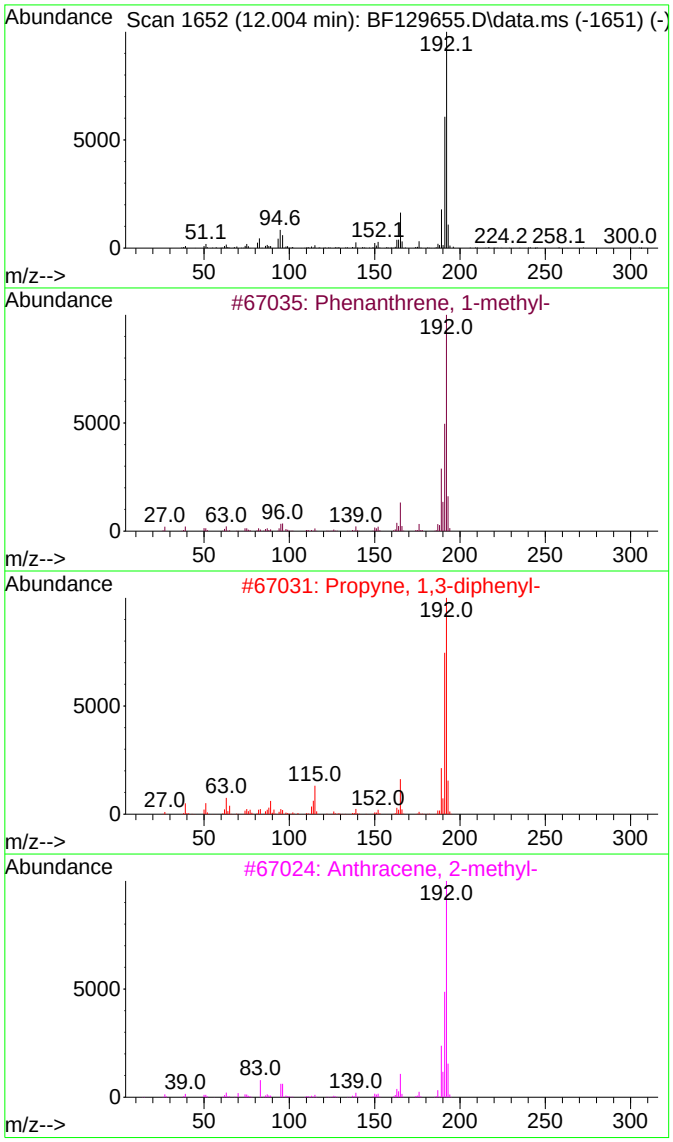
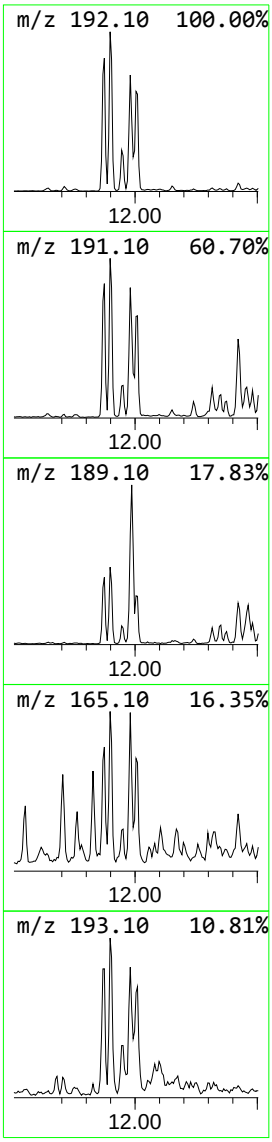
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.43 ng	349433	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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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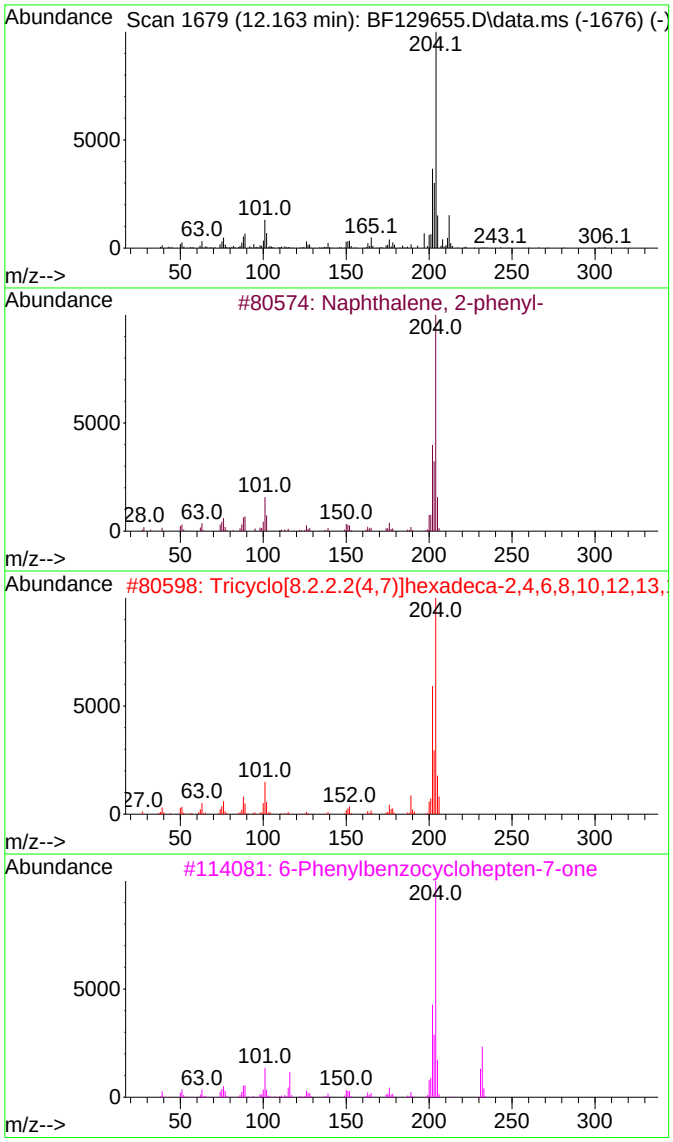
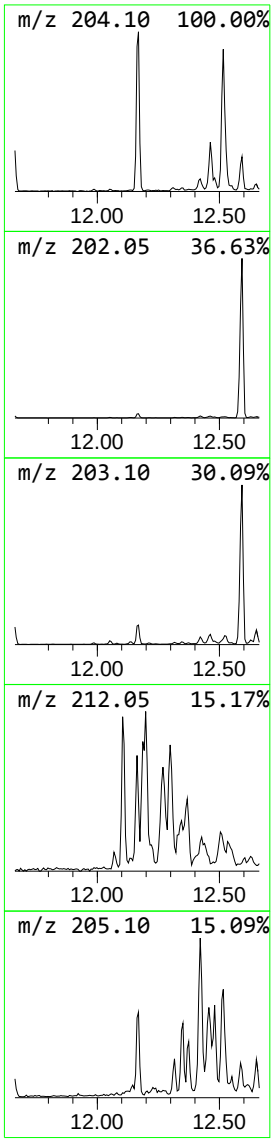
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	7.66 ng	317586	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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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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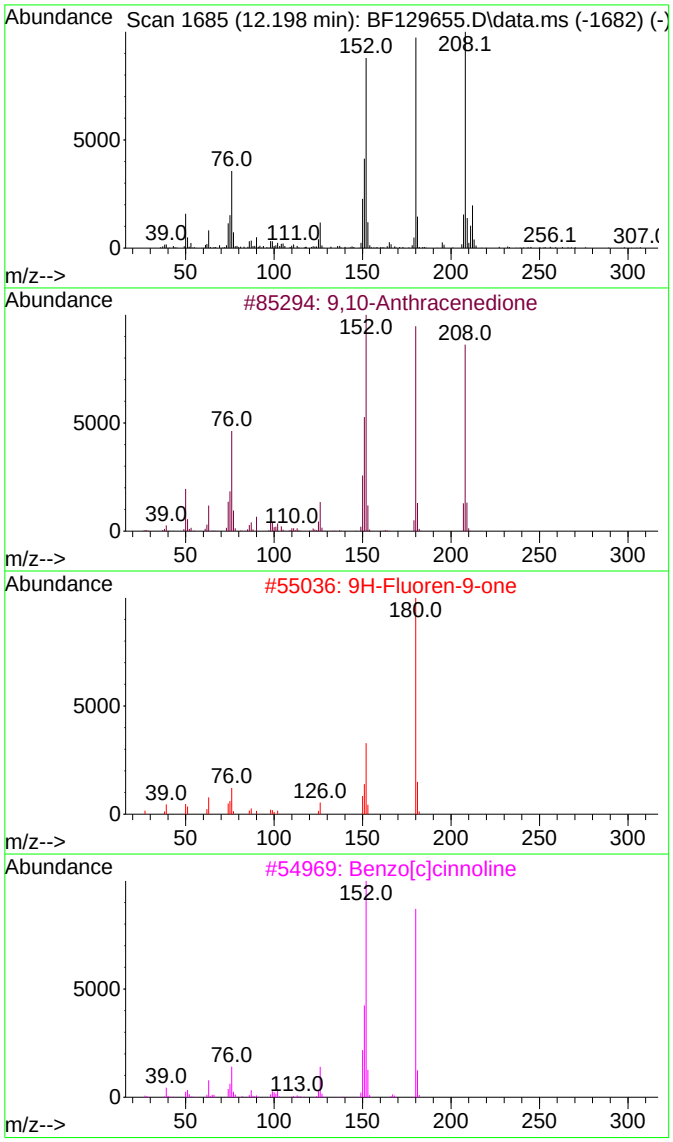
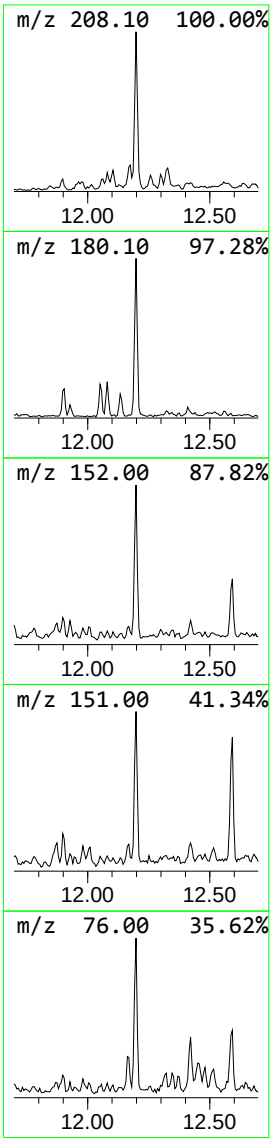
Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	7.27 ng	301480	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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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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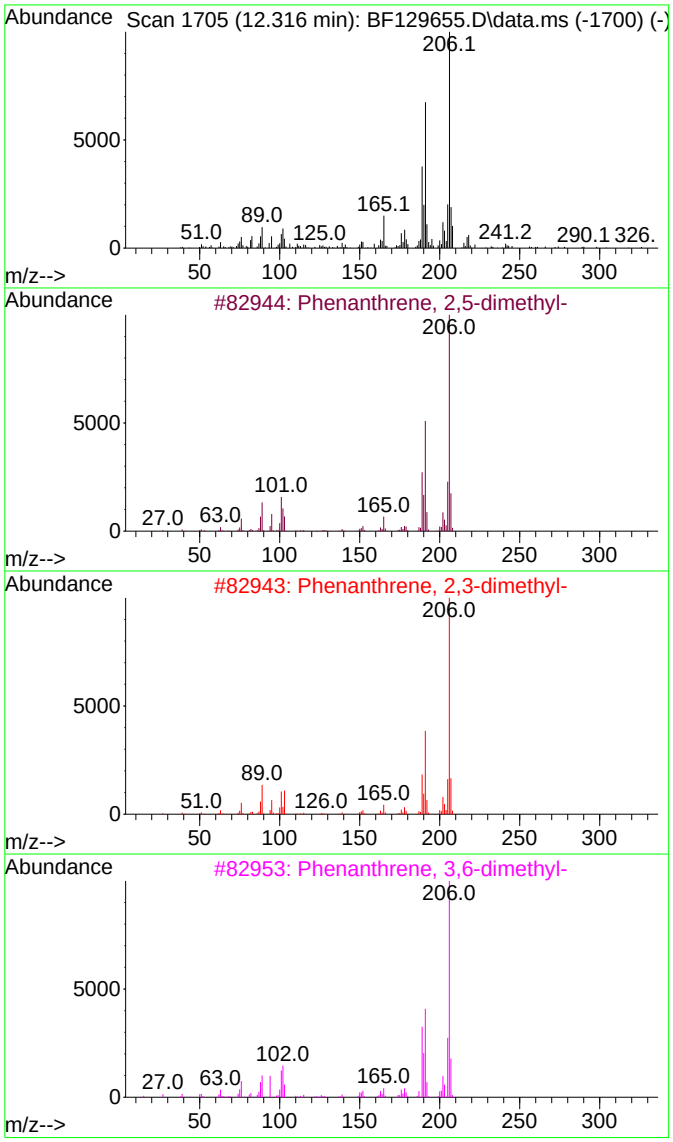
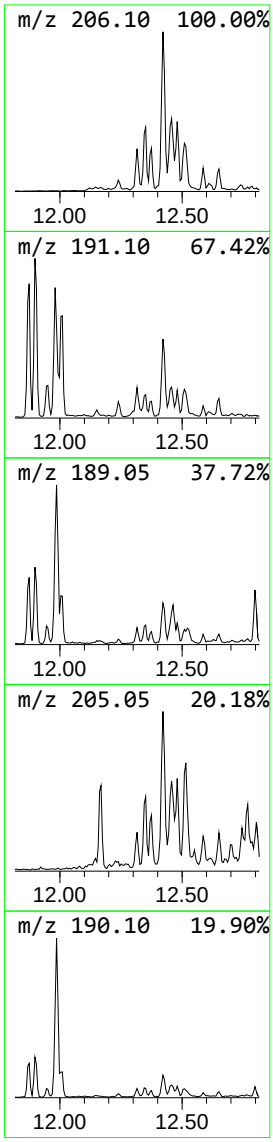
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	5.84 ng	242123	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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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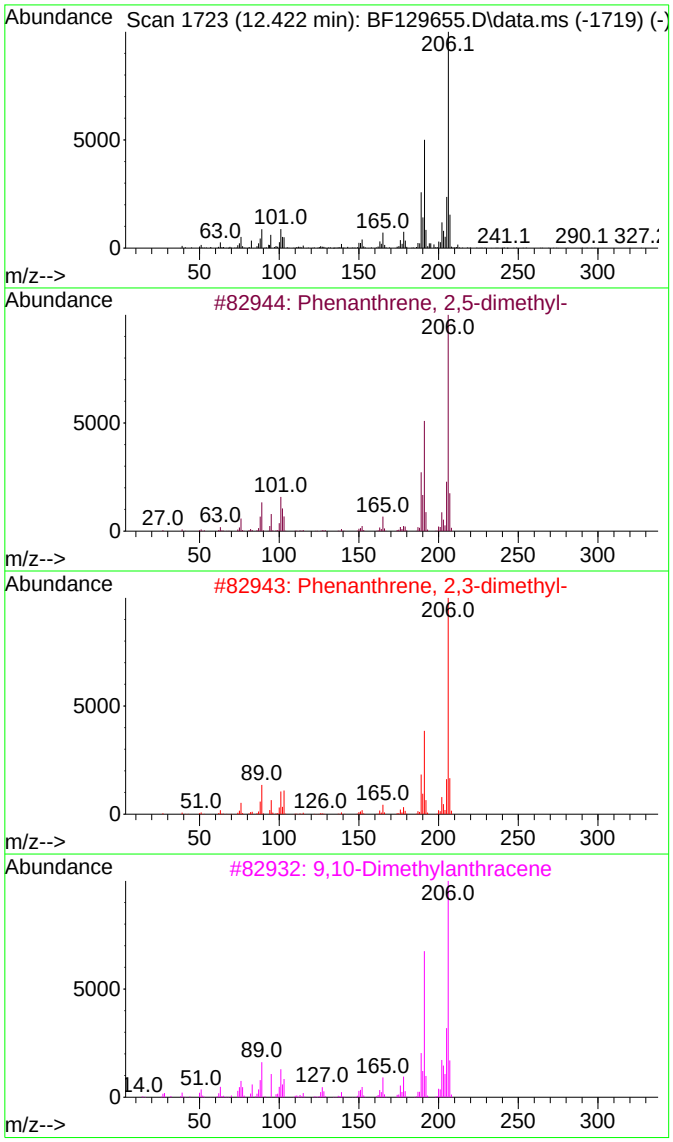
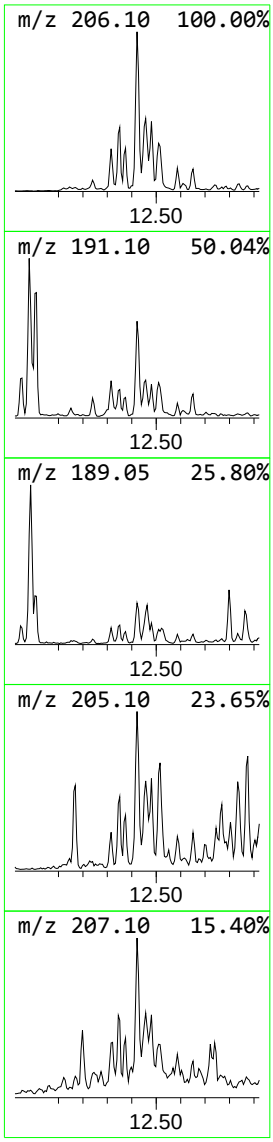
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	12.20 ng	505814	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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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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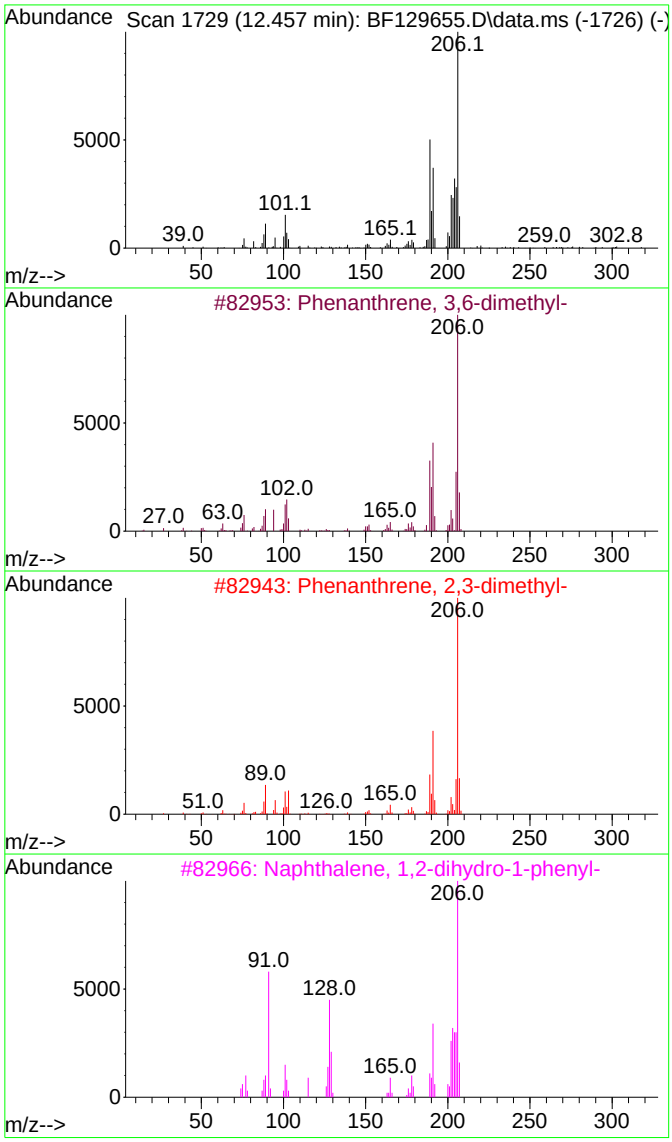
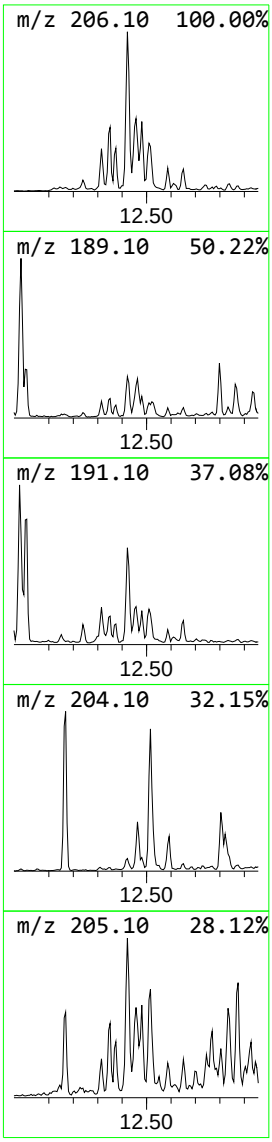
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	6.05 ng	250764	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49





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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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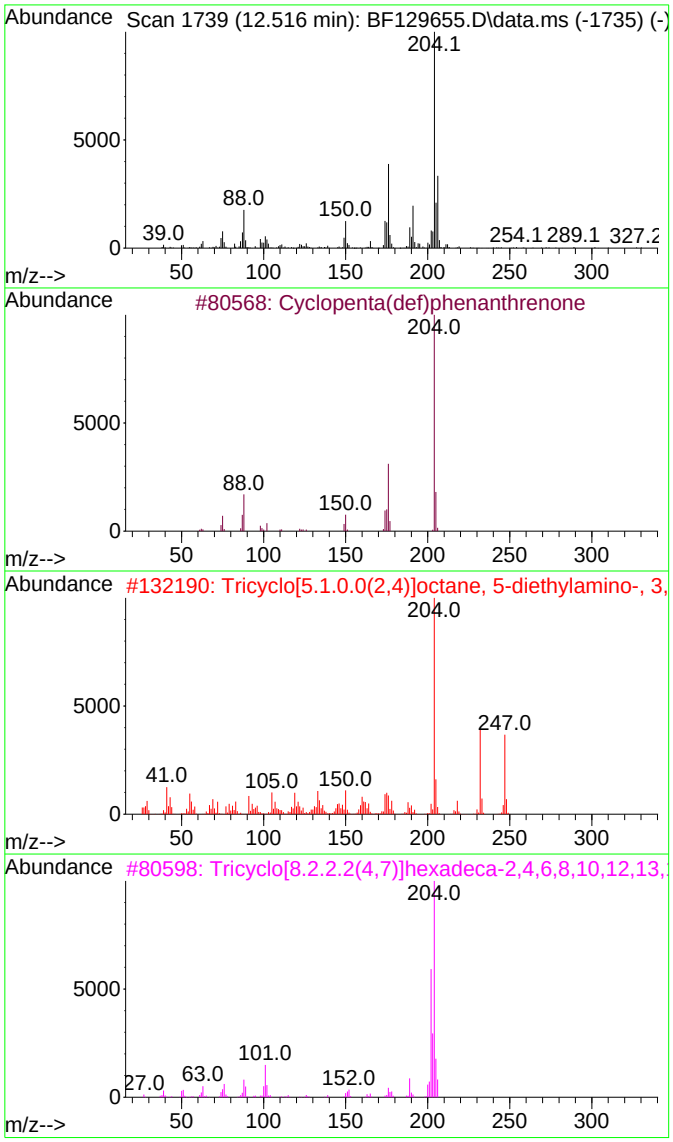
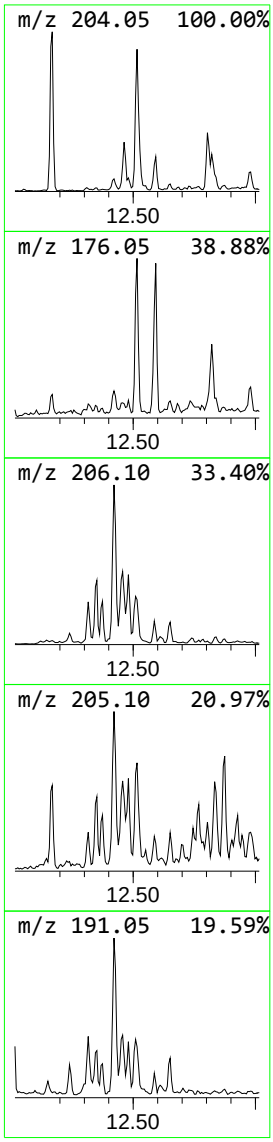
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	10.13 ng	420189	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43





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

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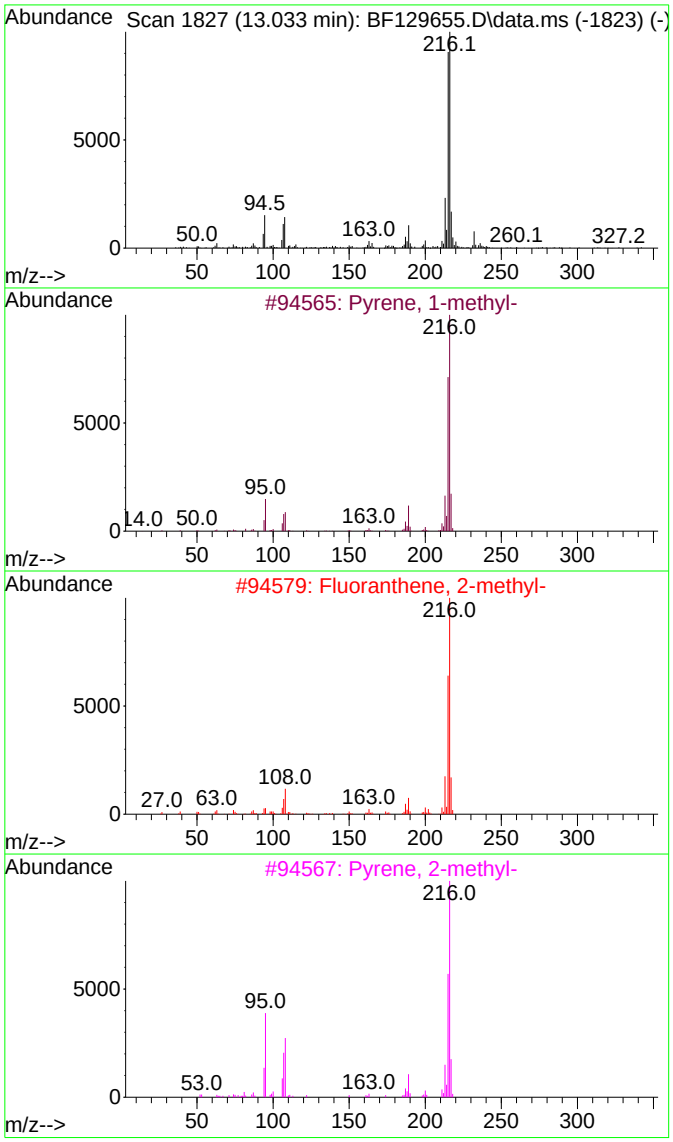
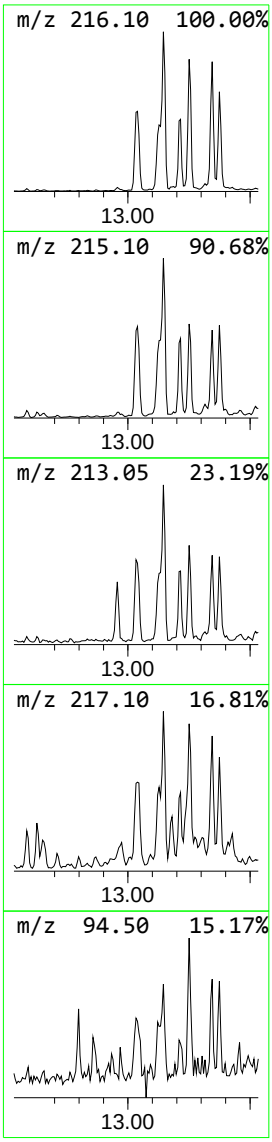
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	5.49 ng	574413	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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

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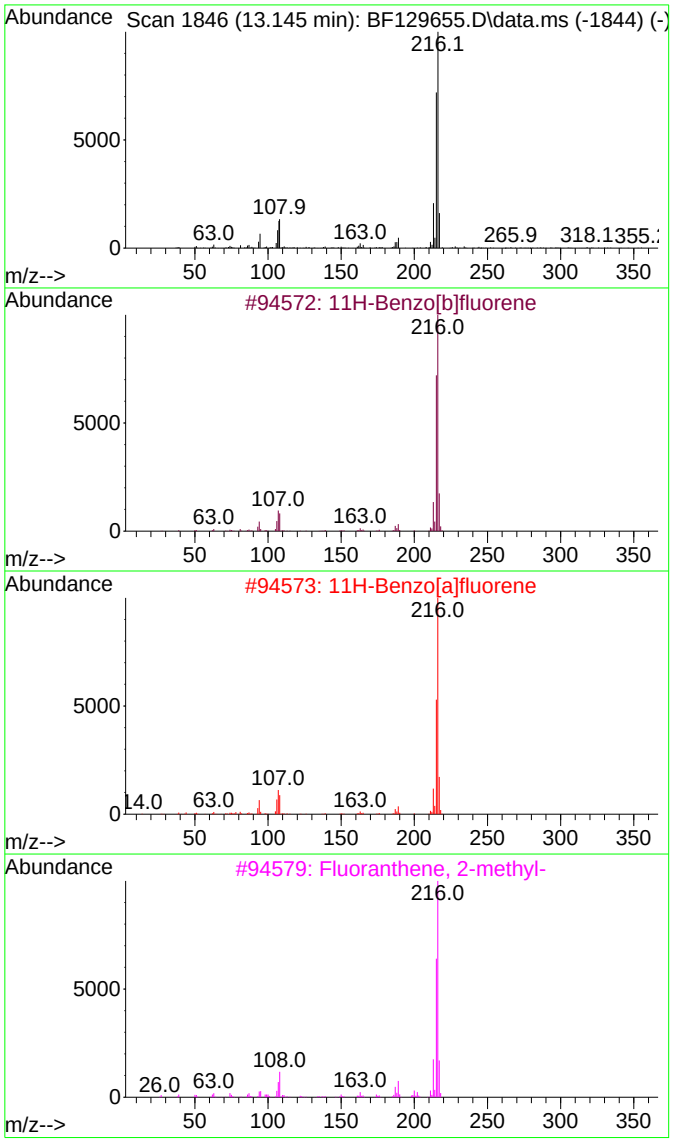
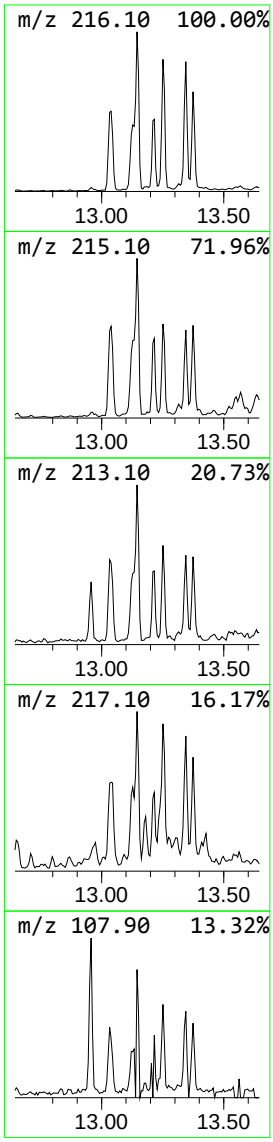
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	4.63 ng	484559	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68





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Data File : BF129655.D
Acq On : 09 Aug 2022 04:24
Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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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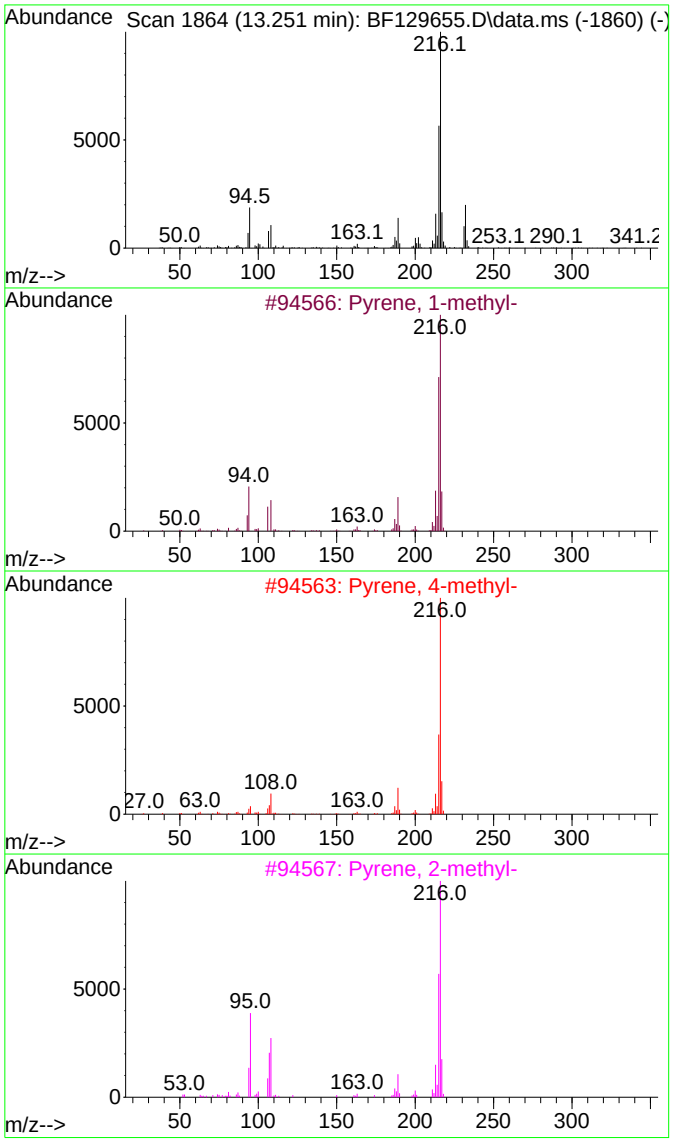
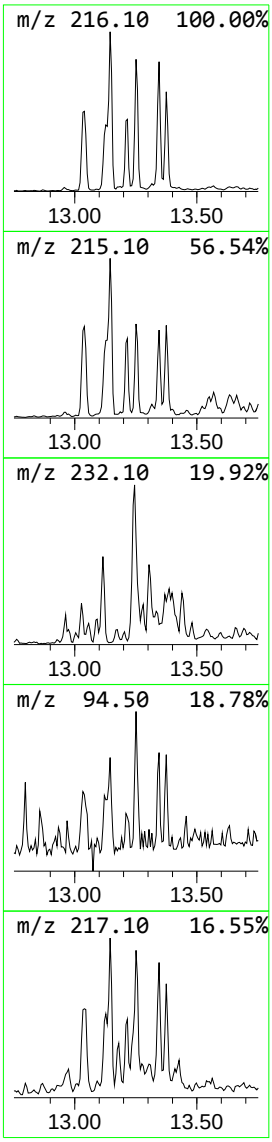
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	5.49 ng	574586	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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ClientSampleId :
BU-02-080522

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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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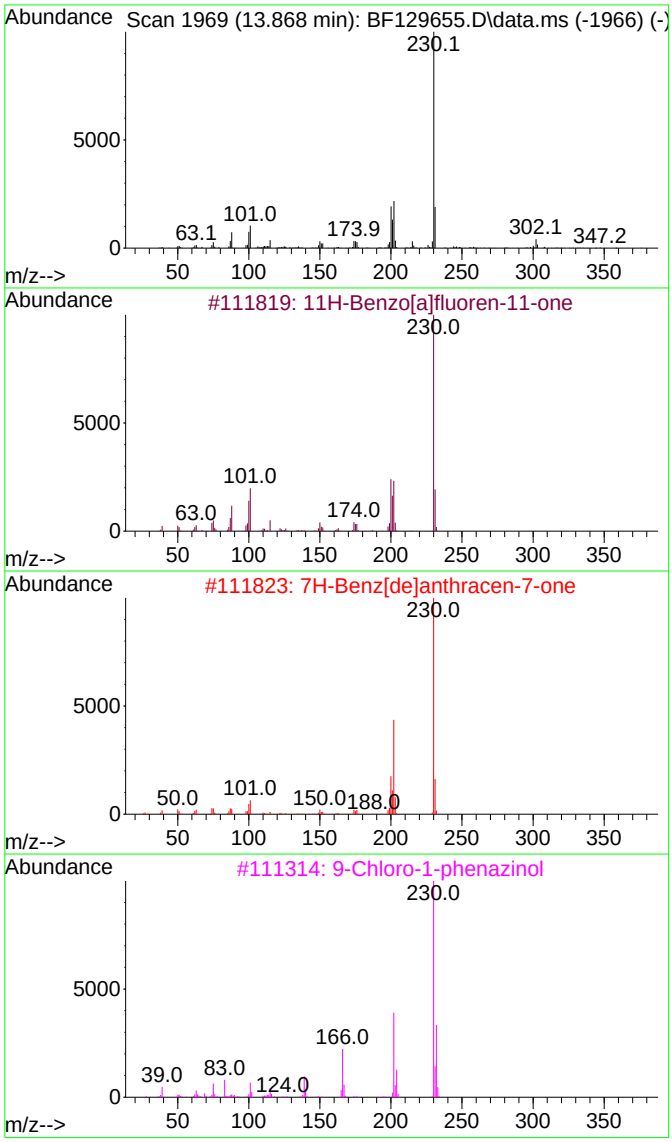
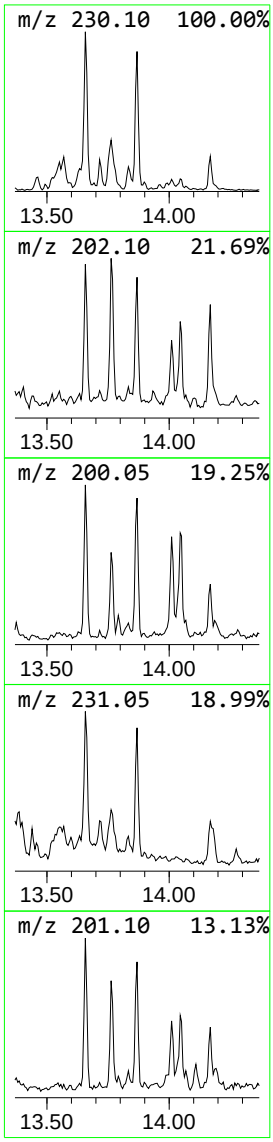
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	4.46 ng	466153	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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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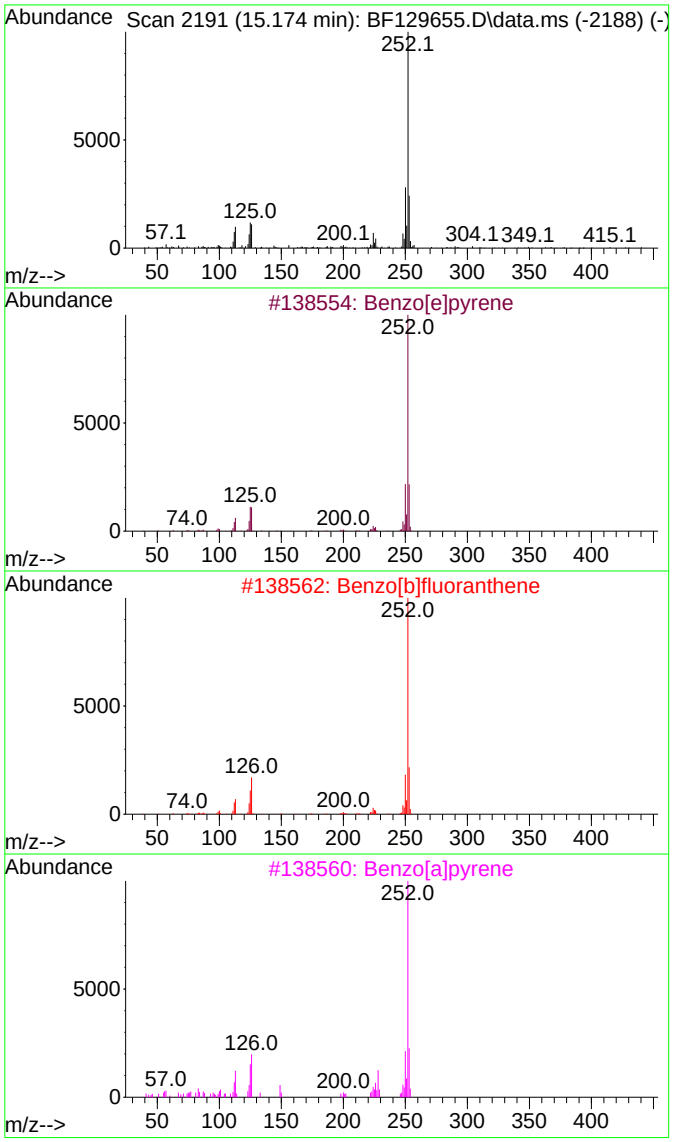
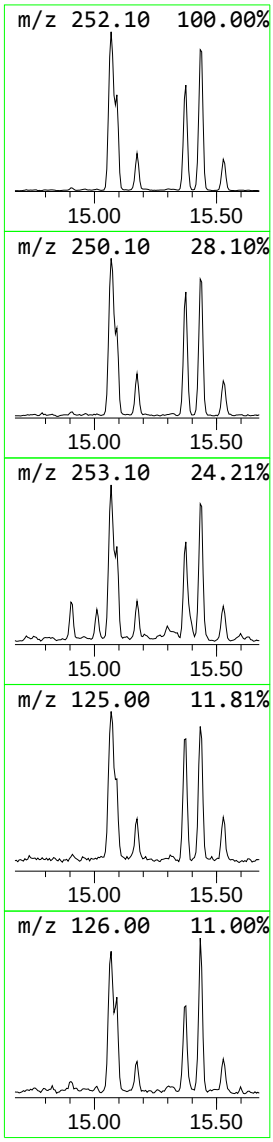
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	12.40 ng	277839	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	81





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Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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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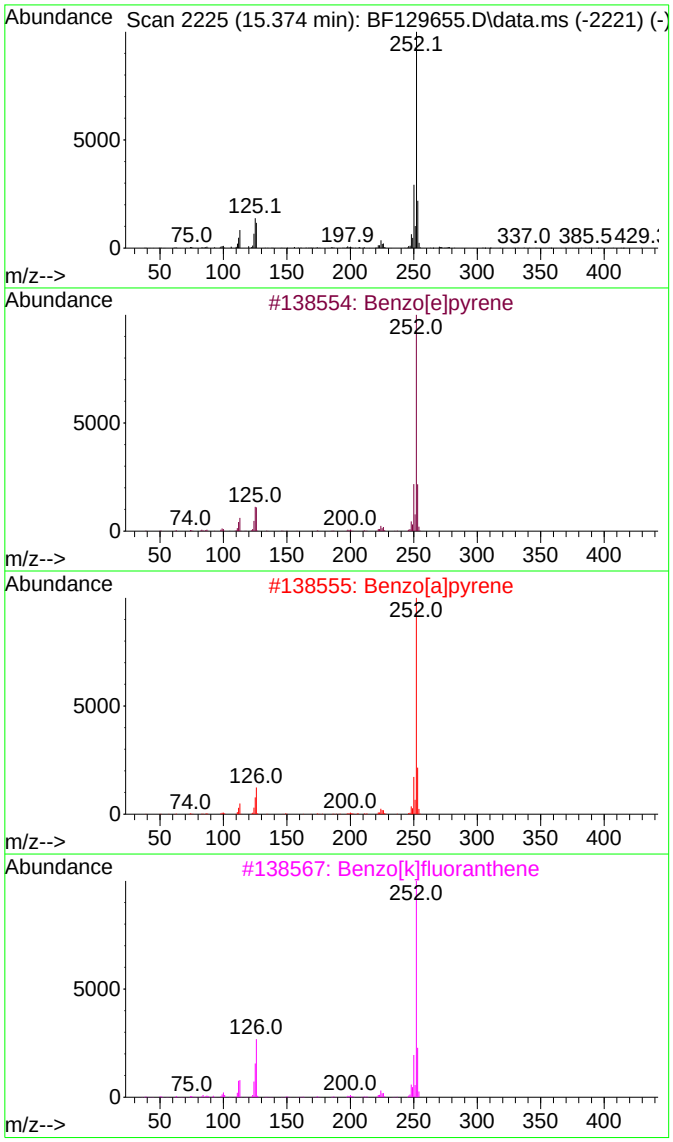
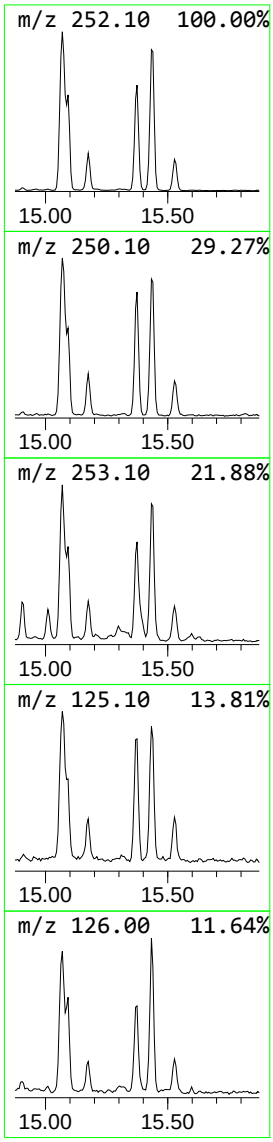
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	30.40 ng	680948	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

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Data File : BF129655.D
Acq On : 09 Aug 2022 04:24
Operator : CG\JU
Sample : N4068-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-080522

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
[1,1'-Biphenyl]...	10.792	4.3	ng	178099	4	11.369	829254	20.0
9H-Fluoren-9-one	11.175	5.0	ng	208542	4	11.369	829254	20.0
Naphtho[2,3-b]t...	11.263	4.6	ng	189708	4	11.369	829254	20.0
4-Methylnaphtho...	11.704	4.9	ng	203163	4	11.369	829254	20.0
Phenanthrene, 2...	11.874	14.0	ng	581964	4	11.369	829254	20.0
Anthracene, 2-m...	11.898	15.6	ng	648667	4	11.369	829254	20.0
1H-Cyclopropa[l...	11.980	19.3	ng	799007	4	11.369	829254	20.0
Phenanthrene, 1...	12.004	8.4	ng	349433	4	11.369	829254	20.0
Naphthalene, 2-...	12.163	7.7	ng	317586	4	11.369	829254	20.0
9,10-Anthracene...	12.198	7.3	ng	301480	4	11.369	829254	20.0
Phenanthrene, 2...	12.316	5.8	ng	242123	4	11.369	829254	20.0
Phenanthrene, 2...	12.422	12.2	ng	505814	4	11.369	829254	20.0
Phenanthrene, 3...	12.457	6.0	ng	250764	4	11.369	829254	20.0
Cyclopenta(def)...	12.516	10.1	ng	420189	4	11.369	829254	20.0
Pyrene, 1-methyl-	13.033	5.5	ng	574413	5	14.021	2092530	20.0
11H-Benzo[b]flu...	13.145	4.6	ng	484559	5	14.021	2092530	20.0
Pyrene, 4-methyl-	13.251	5.5	ng	574586	5	14.021	2092530	20.0
11H-Benzo[a]flu...	13.868	4.5	ng	466153	5	14.021	2092530	20.0
Benzo[e]pyrene	15.174	12.4	ng	277839	6	15.498	447948	20.0
Perylene	15.374	30.4	ng	680948	6	15.498	447948	20.0