LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

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-BF110722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	6	11	17	rBV	241756	279269	10.65%	0.961%
2	5.110	510	514	521	rBV	191106	191361	7.29%	0.658%
3	5.510	579	582	593	rVB	909728	835901	31.86%	2.875%
4	6.522	750	754	762	rBV	938179	779195	29.70%	2.680%
5	6.898	815	818	822	rVB	570574	474576	18.09%	1.632%
6	7.463	910	914	917	rBV	603343	493877	18.83%	1.699%
7	8.186	1033	1037	1039	rBV	695854	550215	20.97%	1.893%
8	8.204	1039	1040	1043	rVB	49897	35004	1.33%	0.120%
9	8.898	1155	1158	1161	rBV	62628	45415	1.73%	0.156%
10	8.998	1170	1175	1179	rBV	56568	45914	1.75%	0.158%
11	9.257	1216	1219	1223	rBV	946834	826927	31.52%	2.845%
12	9.527	1260	1265	1268	rBV3	41621	55701	2.12%	0.192%
13	9.598	1274	1277	1280	rBV	70094	70873	2.70%	0.244%
14	9.669	1284	1289	1294	rVB3	24441	38575	1.47%	0.133%
15	9.716	1294	1297	1299	rBV	35891	32041	1.22%	0.110%
16	9.804	1309	1312	1316	rBV	181229	152134	5.80%	0.523%
17	9.945	1333	1336	1339	rVB	735342	568615	21.68%	1.956%
18	9.980	1339	1342	1345	rVB	186219	162754	6.20%	0.560%
19	10.051	1350	1354	1357	rBV4	24352	34352	1.31%	0.118%
20	10.104	1357	1363	1365	rBV4	25878	38860	1.48%	0.134%
21	10.151	1366	1371	1374	rVV2	117774	119112	4.54%	0.410%
22	10.186	1374	1377	1380	rVB	46239	36951	1.41%	0.127%
23	10.257	1385	1389	1392	rBV2	48121	55073	2.10%	0.189%
24	10.351	1401	1405	1407	rBV3	29798	41210	1.57%	0.142%
25	10.492	1426	1429	1435	rVB	222939	219033	8.35%	0.753%
26	10.563	1435	1441	1442	rBV	36674	52974	2.02%	0.182%
27	10.651	1453	1456	1459	rVB	55541	51756	1.97%	0.178%
28	10.733	1467	1470	1474	rVV	535404	501635	19.12%	1.726%
29	10.857	1486	1491	1498	rVB4	54717	92656	3.53%	0.319%
30	11.045	1518	1523	1525	rBV2	70738	80132	3.05%	0.276%
31	11.074	1525	1528	1531	rVV2	48983	45956	1.75%	0.158%
32	11.127	1535	1537	1540	rVB	43505	33478	1.28%	0.115%
33	11.169	1540	1544	1546	rBV3	36508	49235	1.88%	0.169%
34	11.198	1546	1549	1553	rVV3	44661	56676	2.16%	0.195%
35	11.245	1554	1557	1561	rVV3	44319	47002	1.79%	0.162%
36	11.286	1561	1564	1567	rVV2	49420	62556	2.38%	0.215%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

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-BF110722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.333	1567	1572	1577	rVB	129996	138031	5.26%	0.475%
38	11.439	1586	1590	1592	rBV	669022	590545	22.51%	2.031%
39	11.469	1592	1595	1598	rVV	1369249	1237609	47.18%	4.257%
40	11.516	1600	1603	1606	rVV	557746	430835	16.42%	1.482%
41	11.551	1606	1609	1611	rVV2	70612	82595	3.15%	0.284%
42	11.592	1614	1616	1623	rVV4	30510	46839	1.79%	0.161%
43	11.669	1626	1629	1635	rVV	178761	203530	7.76%	0.700%
44	11.733	1638	1640	1644	rVV2	62373	64435	2.46%	0.222%
45	11.769	1644	1646	1651	rVV	91639	89417	3.41%	0.308%
46	11.821	1651	1655	1658	rVV5	41753	52770	2.01%	0.182%
47	11.851	1658	1660	1665	rVB	52915	60159	2.29%	0.207%
48	11.945	1672	1676	1678	rBV	234315	232151	8.85%	0.799%
49	11.969	1678	1680	1684	rVB	339489	300660	11.46%	1.034%
50	12.016	1685	1688	1691	rBV	152957	142546	5.43%	0.490%
51	12.057	1691	1695	1697	rBV	501094	514983	19.63%	1.771%
52	12.080	1697	1699	1703	rVB	186935	153168	5.84%	0.527%
53	12.127	1704	1707	1709	rBV3	41393	39793	1.52%	0.137%
54	12.174	1713	1715	1718	rVV2	53000	43409	1.65%	0.149%
55	12.239	1723	1726	1728	rVV	195290	170467	6.50%	0.586%
56	12.269	1728	1731	1734	rVB	111089	104523	3.98%	0.360%
57	12.369	1746	1748	1749	rBV	52985	39801	1.52%	0.137%
58	12.386	1749	1751	1754	rVV	72982	62684	2.39%	0.216%
59	12.416	1754	1756	1759	rVV	97154	93902	3.58%	0.323%
60	12.445	1759	1761	1763	rVB2	80634	62287	2.37%	0.214%
61	12.492	1766	1769	1772	rBV	226895	242525	9.24%	0.834%
62	12.533	1772	1776	1778	rVV3	146118	195000	7.43%	0.671%
63	12.580	1781	1784	1789	rBV2	129045	177239	6.76%	0.610%
64	12.663	1794	1798	1801	rBV	2386516	2279579	86.90%	7.841%
65	12.704	1801	1805	1806	rVV2	77393	78074	2.98%	0.269%
66	12.721	1806	1808	1811	rVV2	79906	71177	2.71%	0.245%
67	12.751	1811	1813	1816	rVB	93345	83653	3.19%	0.288%
68	12.810	1821	1823	1826	rVV	103251	96369	3.67%	0.331%
69	12.898	1831	1838	1842	rVV	2302709	2623313	100.00%	9.024%
70	12.939	1842	1845	1849	rVB2	146397	174761	6.66%	0.601%
71	13.027	1857	1860	1863	rVB	866495	643637	24.54%	2.214%
72	13.104	1869	1873	1877	rBV3	195938	313185	11.94%	1.077%
73	13.163	1881	1883	1885	rBV	54469	37142	1.42%	0.128%
74	13.192	1885	1888	1890	rBV4	197320	251827	9.60%	0.866%
75	13.216	1890	1892	1895	rVB	498037	446714	17.03%	1.537%
76	13.263	1895	1900	1901	rBV3	63471	96137	3.66%	0.331%

LSC Area Percent Report

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Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

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-BF110722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.286	1901	1904	1906	rVV	406055	344120	13.12%	1.184%
78	13.321	1906	1910	1913	rVV2	335289	364017	13.88%	1.252%
79	13.380	1917	1920	1923	rBV3	61146	60404	2.30%	0.208%
80	13.415	1923	1926	1929	rBV	211477	181802	6.93%	0.625%
81	13.445	1929	1931	1934	rVV	201375	178874	6.82%	0.615%
82	13.598	1954	1957	1959	rBV3	65094	90849	3.46%	0.313%
83	13.698	1972	1974	1976	rBV	69890	74059	2.82%	0.255%
84	13.727	1977	1979	1984	rVB	157972	171671	6.54%	0.591%
85	13.839	1995	1998	2001	rBV	230770	229874	8.76%	0.791%
86	13.868	2001	2003	2005	rVB	223577	149230	5.69%	0.513%
87	13.892	2005	2007	2011	rBV2	179527	208461	7.95%	0.717%
88	14.086	2034	2040	2044	rBV2	1489494	2237222	85.28%	7.696%
89	14.121	2044	2046	2051	rVB	1244146	1104338	42.10%	3.799%
90	14.239	2064	2066	2068	rBV	113932	92123	3.51%	0.317%
91	14.480	2105	2107	2110	rVB	252575	194425	7.41%	0.669%
92	14.515	2110	2113	2116	rBV	128761	113809	4.34%	0.391%
93	14.604	2126	2128	2130	rBV	142657	112754	4.30%	0.388%
94	15.162	2218	2223	2225	rBV	559451	870961	33.20%	2.996%
95	15.268	2238	2241	2244	rVB	114717	117883	4.49%	0.406%
96	15.474	2272	2276	2281	rVB	332586	454218	17.31%	1.562%
97	15.539	2283	2287	2293	rVB	532614	653533	24.91%	2.248%
98	15.598	2294	2297	2301	rBV	229791	318296	12.13%	1.095%
99	17.127	2552	2557	2567	rVB2	214960	421341	16.06%	1.449%
100	17.592	2632	2636	2643	rVB2	157697	302017	11.51%	1.039%

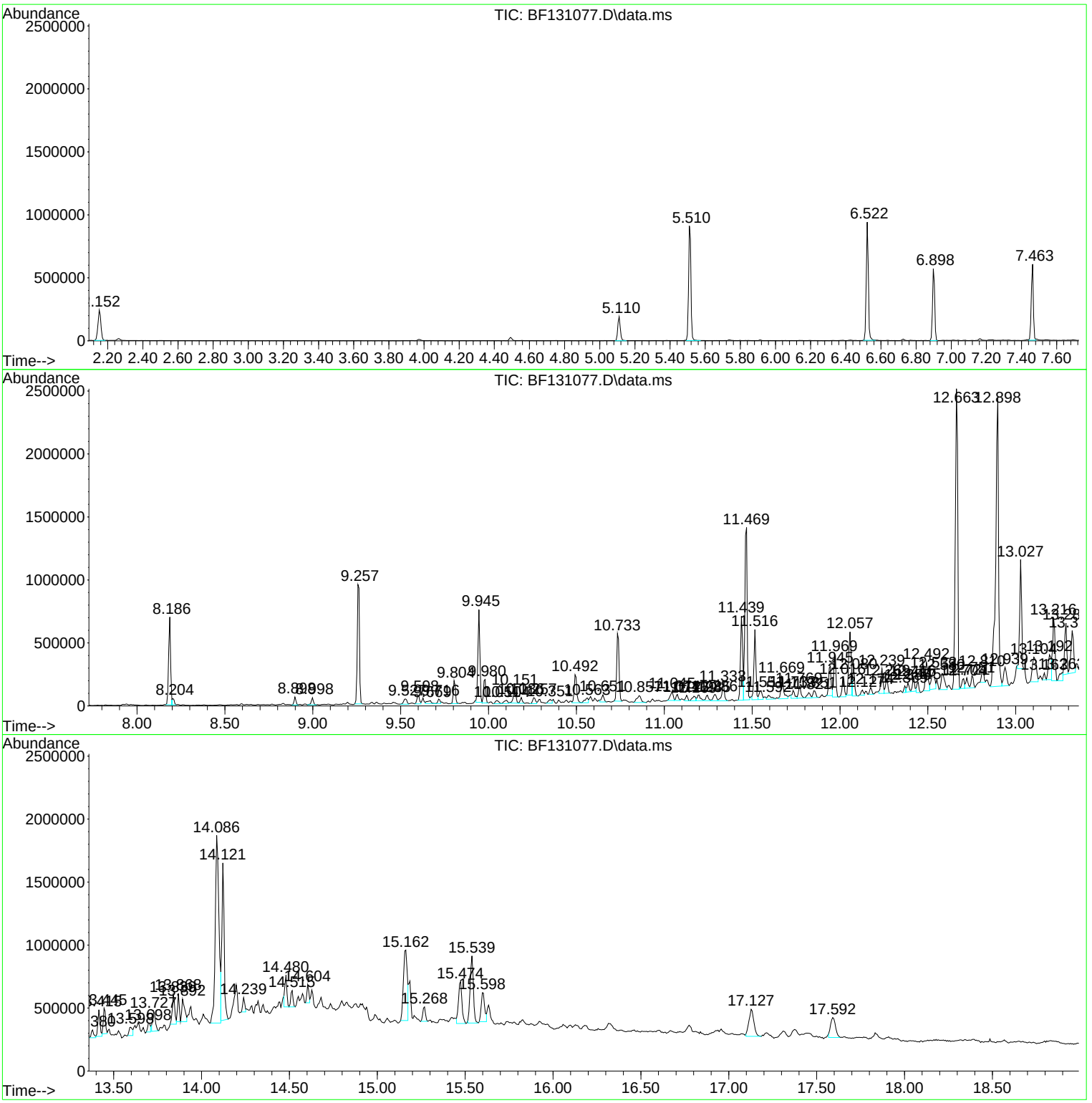
Sum of corrected areas: 29070746

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
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Instrument :
BNA_F
ClientSampleId :
OR-03-110422

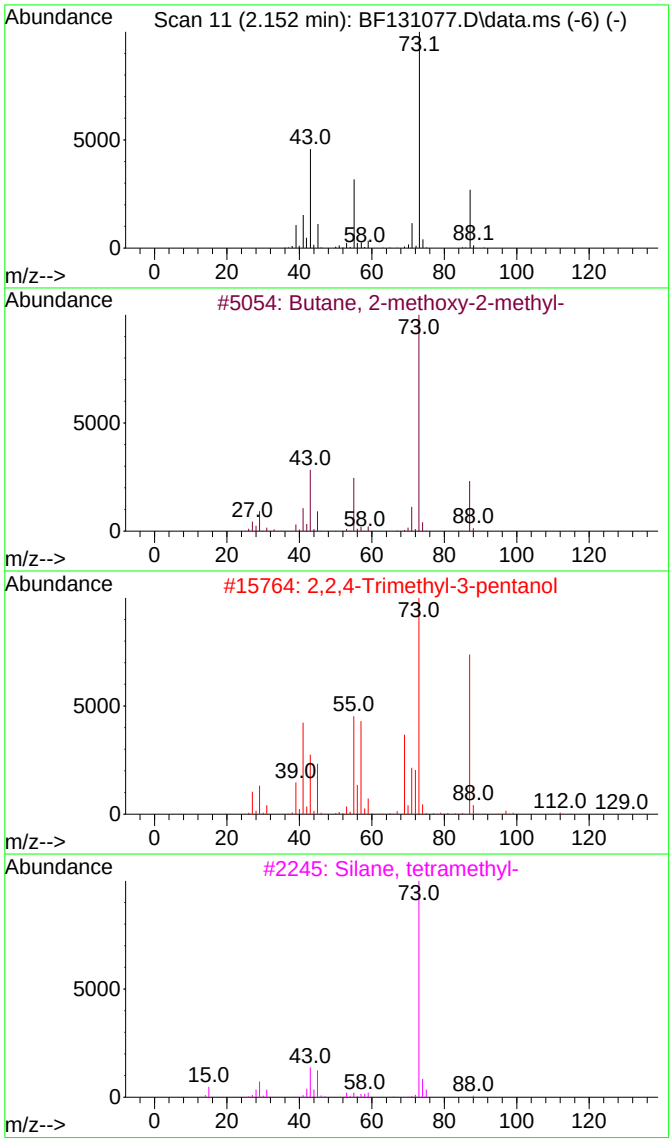
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

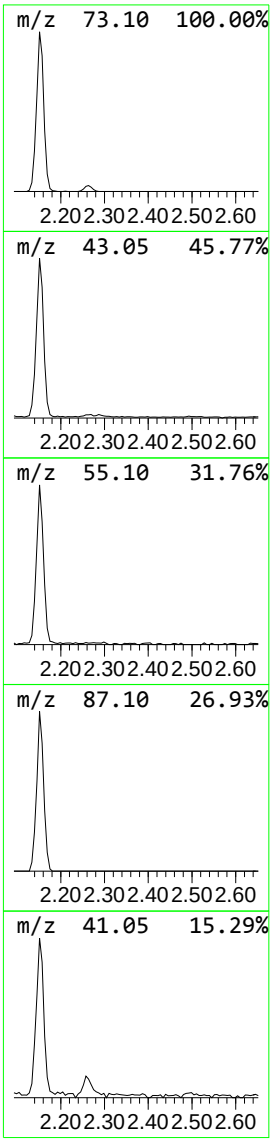
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	11.77 ng	279269	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-110422

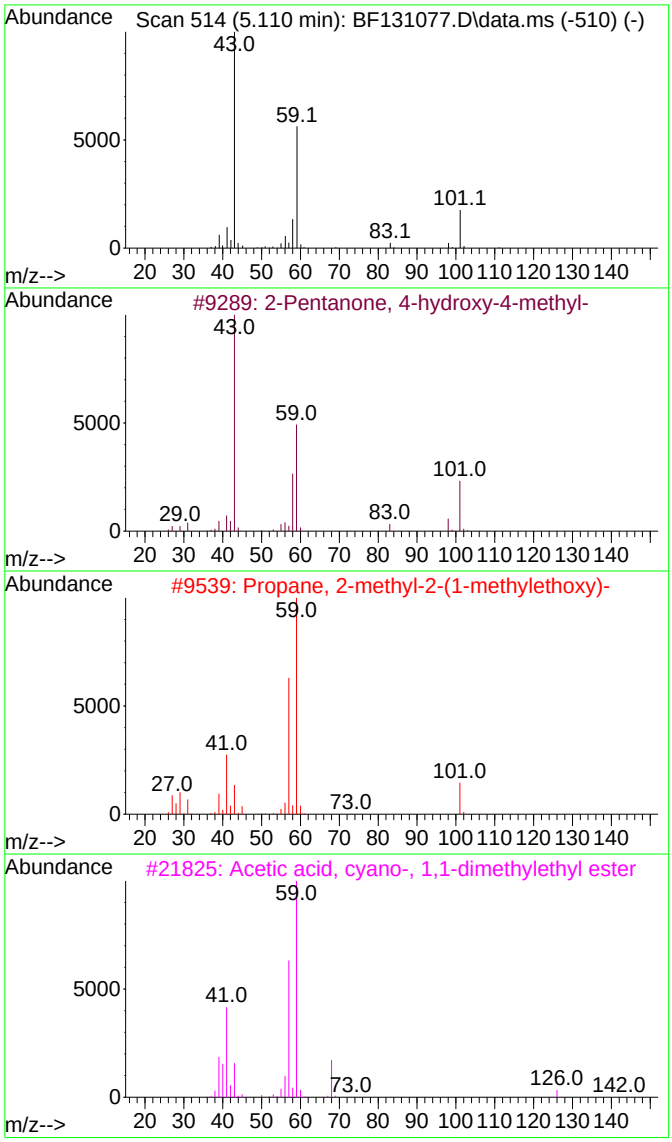
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

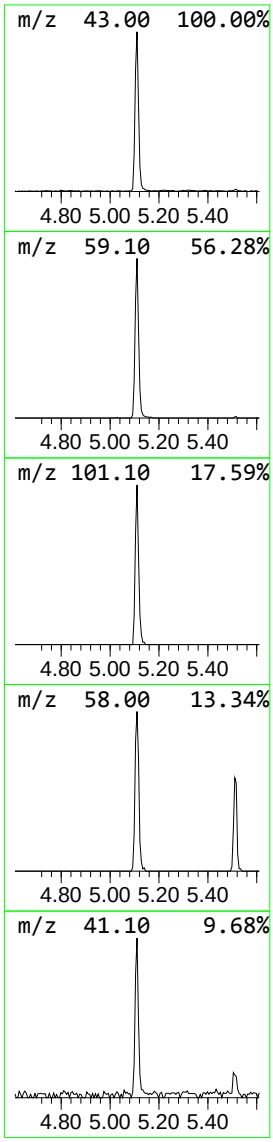
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	8.06 ng	191361	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

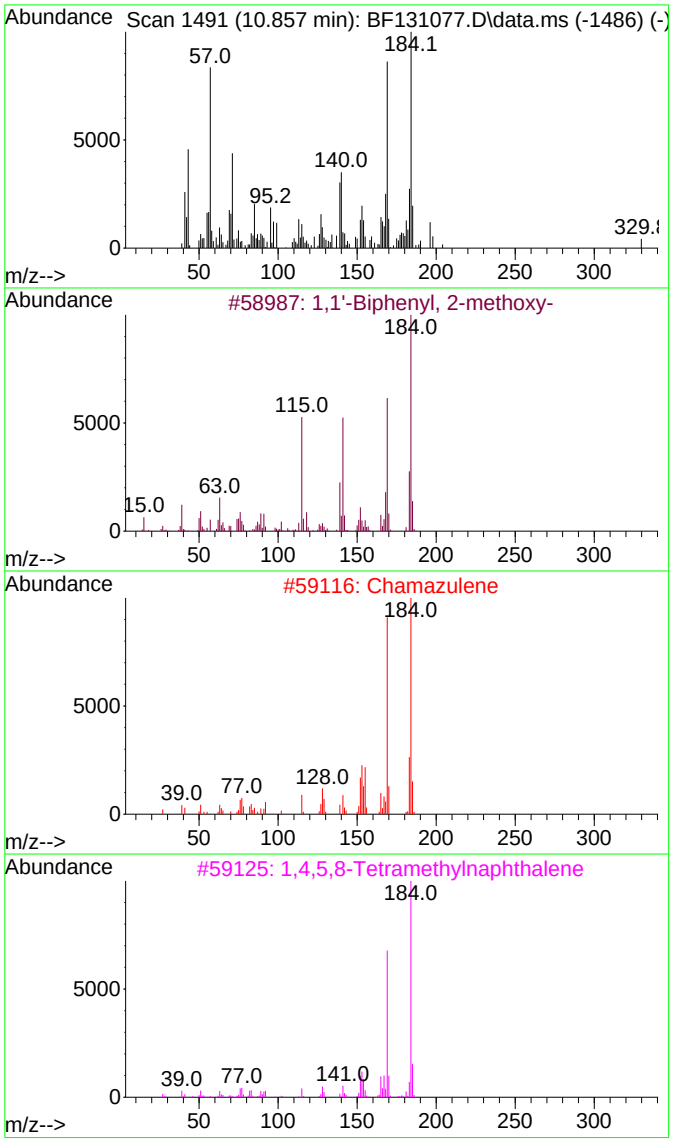
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

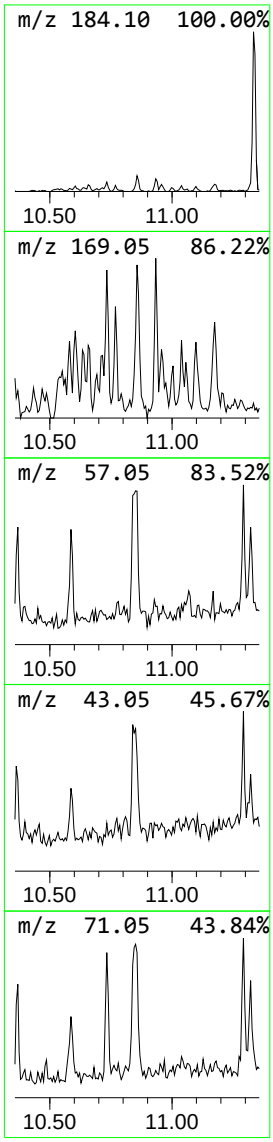
****

Peak Number 4 1,1'-Biphenyl, 2-methoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	3.14 ng	92656	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	91
2	Chamazulene	184	C14H16	000529-05-5	89
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	86
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

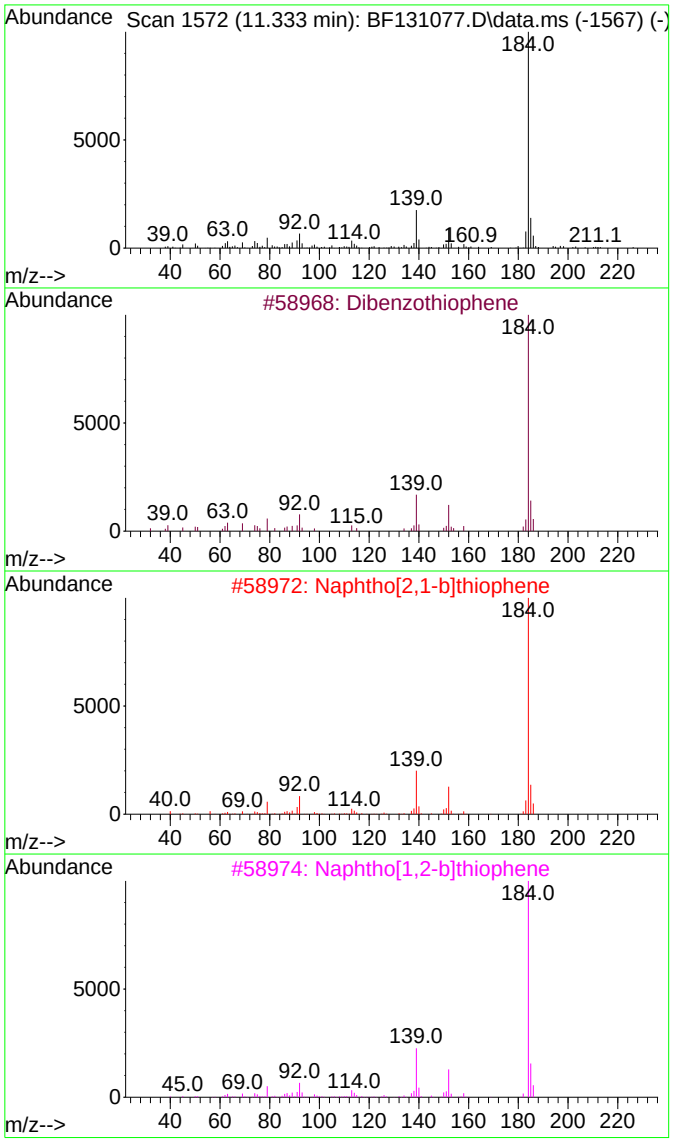
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

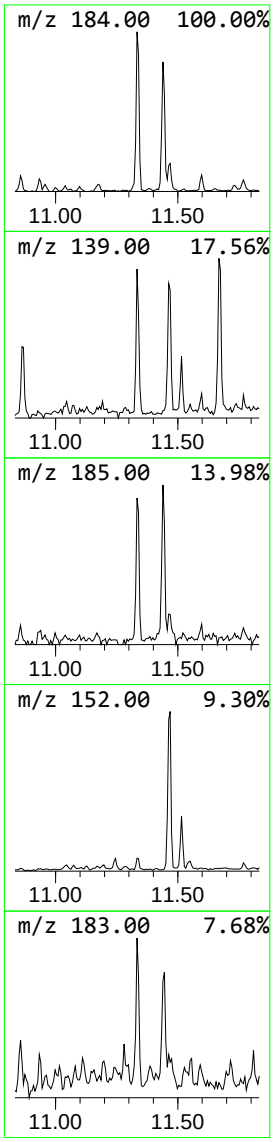
****

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	4.67 ng	138031	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

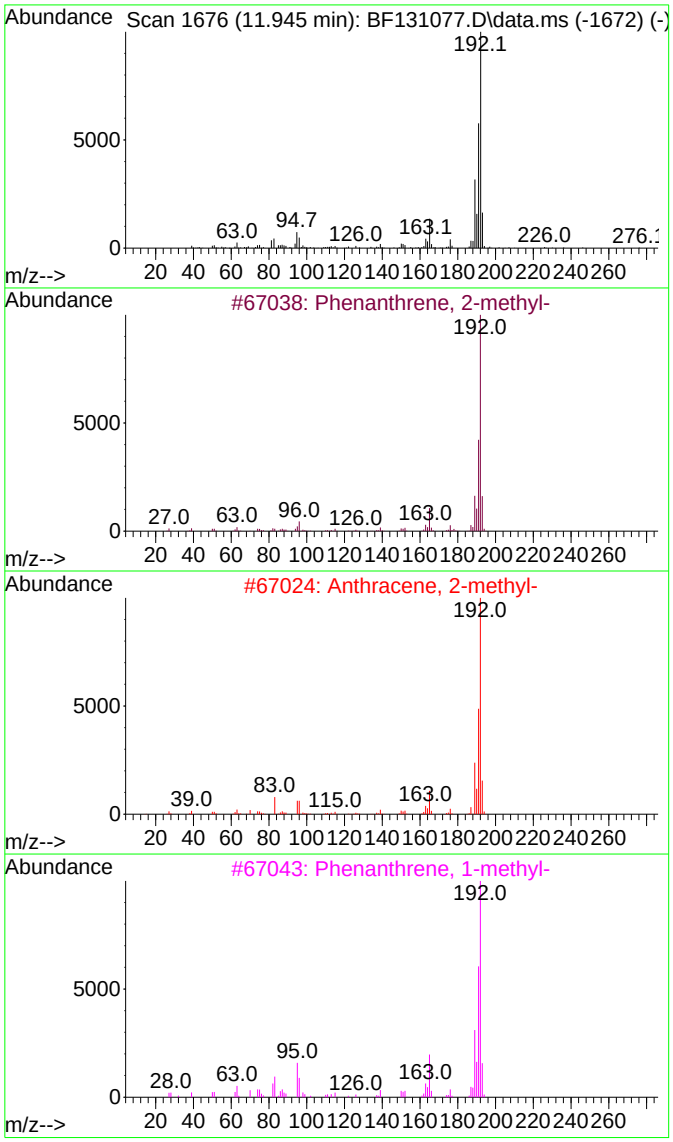
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

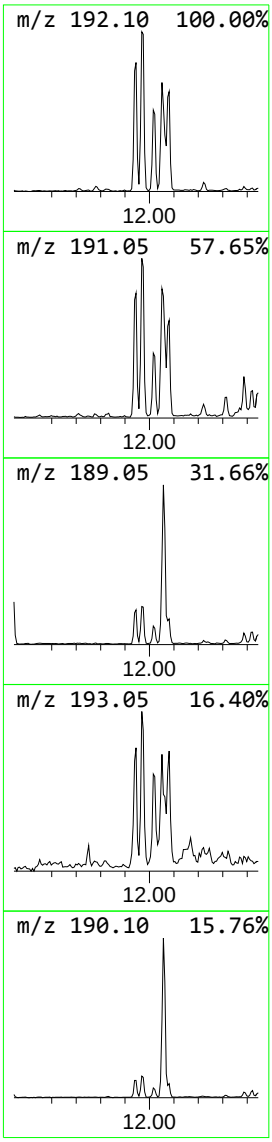
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	7.86 ng	232151	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG\JU
Sample : N5485-01 2X
Misc :
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Instrument :
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ClientSampleId :
OR-03-110422

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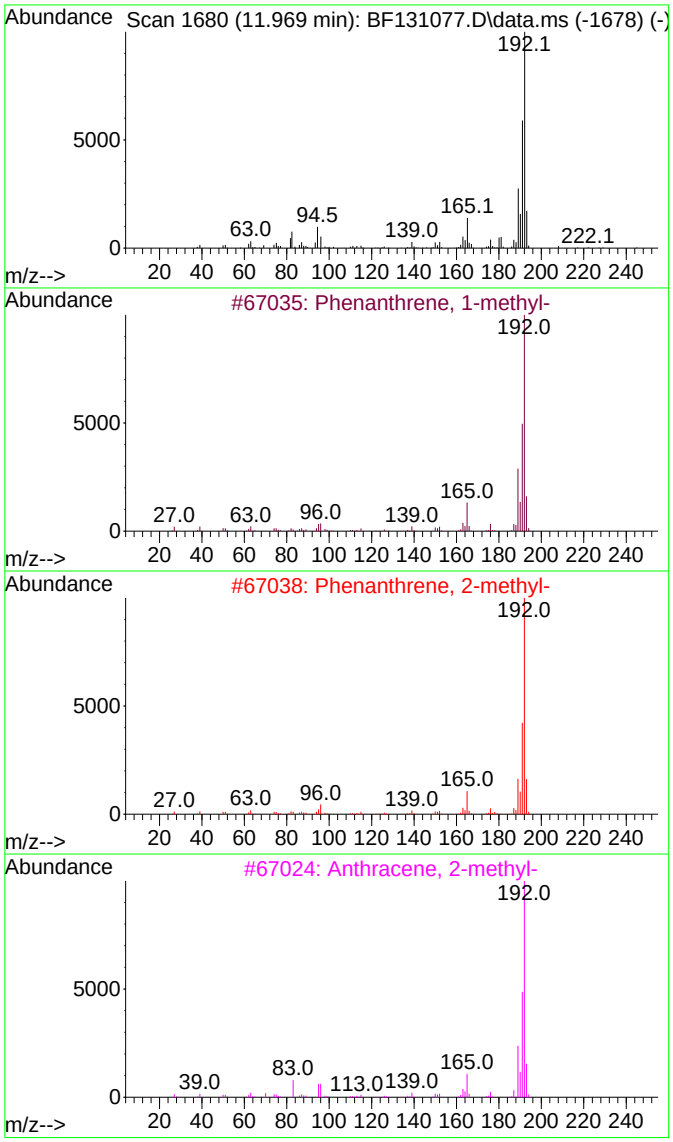
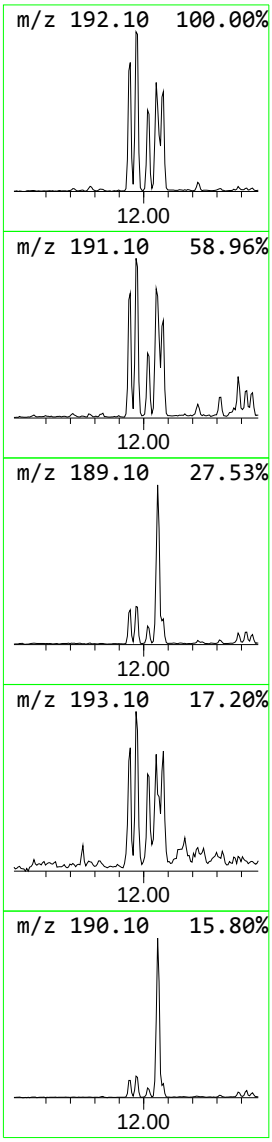
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	10.18 ng	300660	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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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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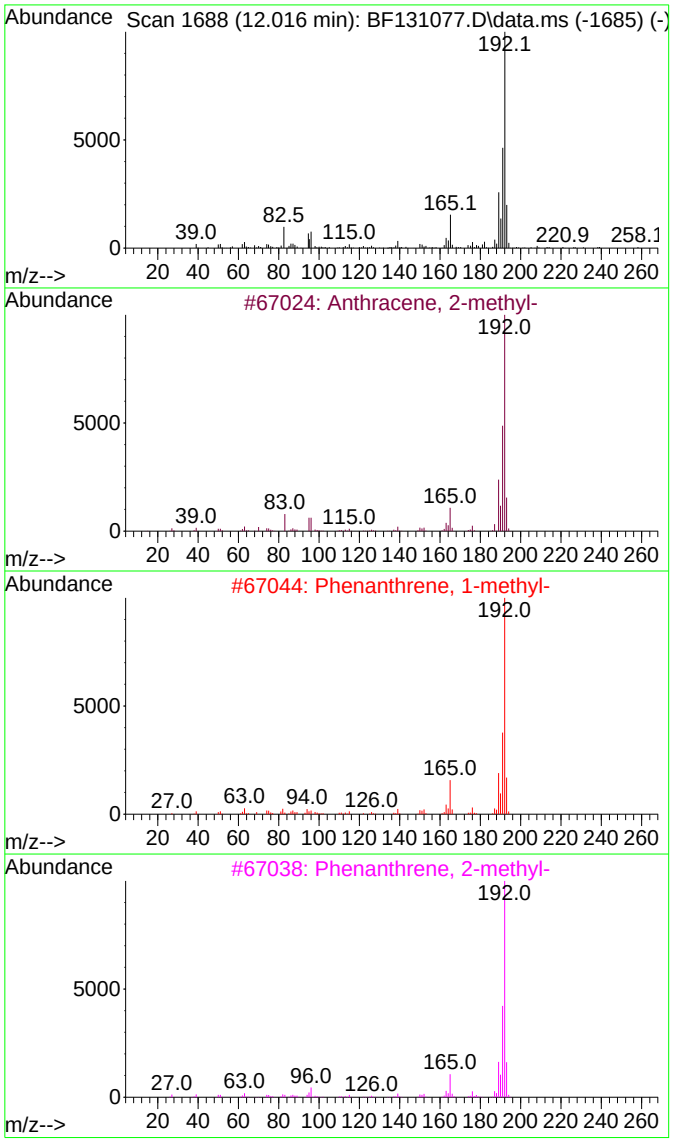
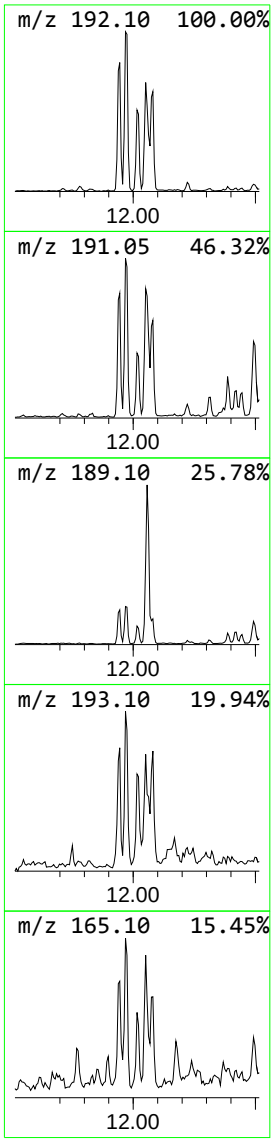
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.83 ng	142546	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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ALS Vial : 22 Sample Multiplier: 1

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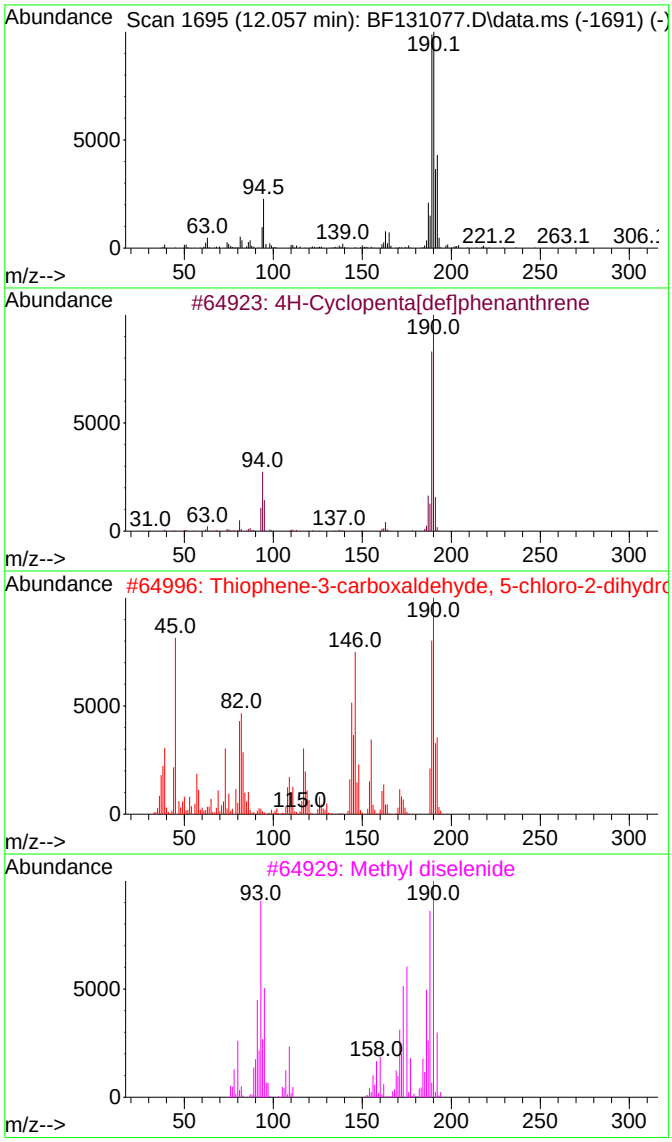
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

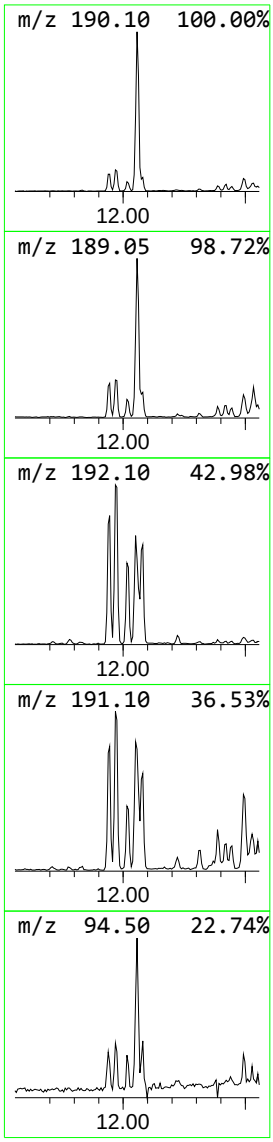
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	17.44 ng	514983	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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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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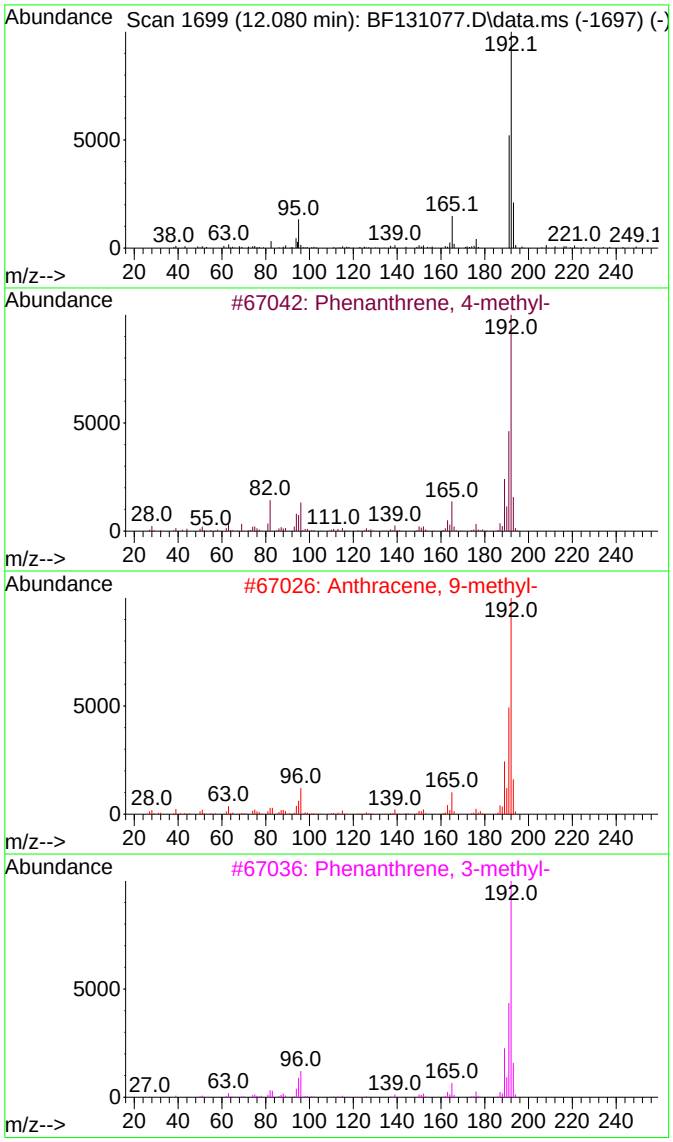
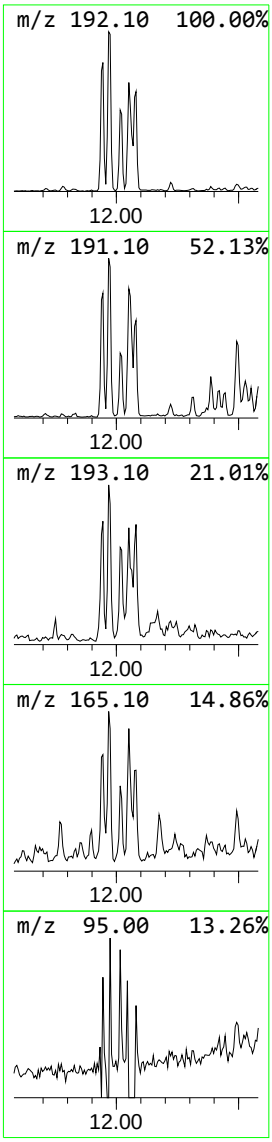
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	5.19 ng	153168	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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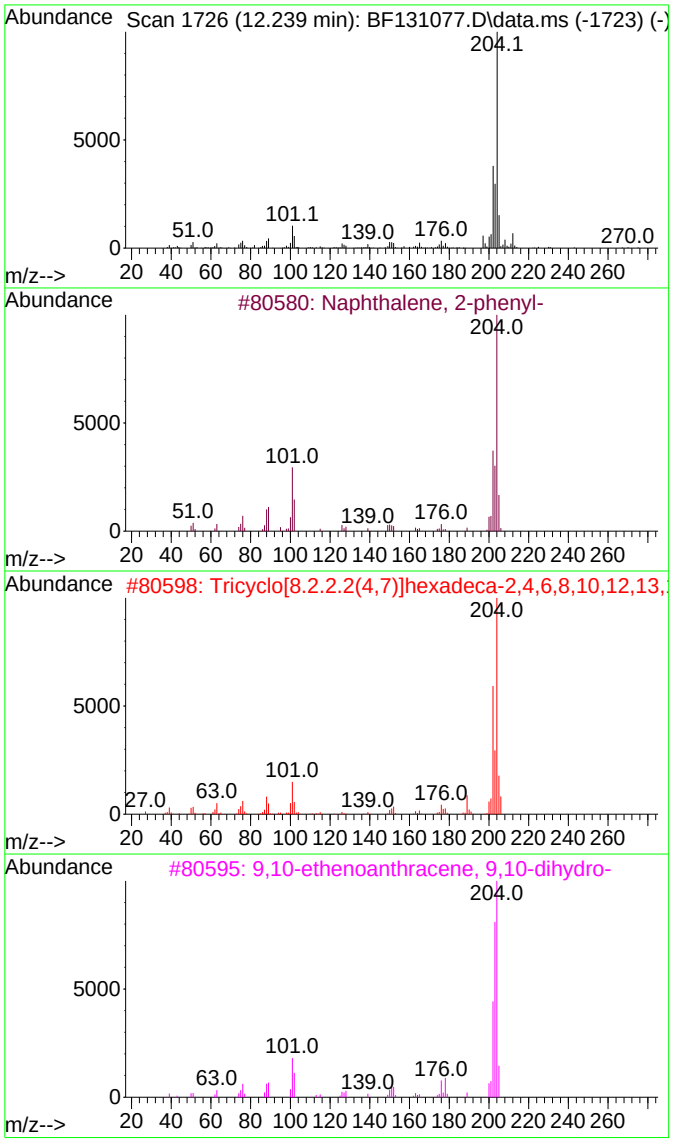
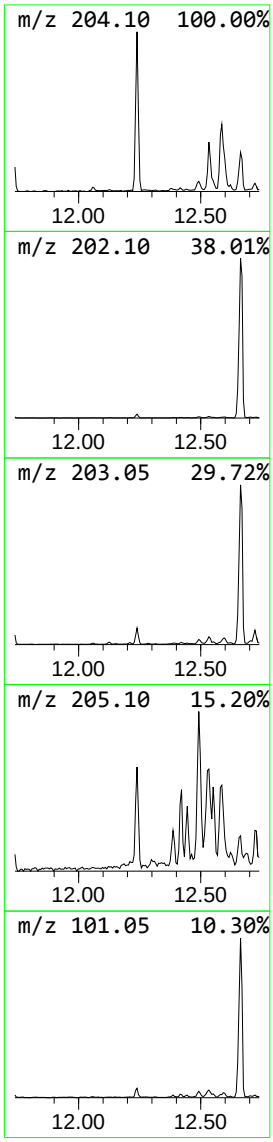
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	5.77 ng	170467	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	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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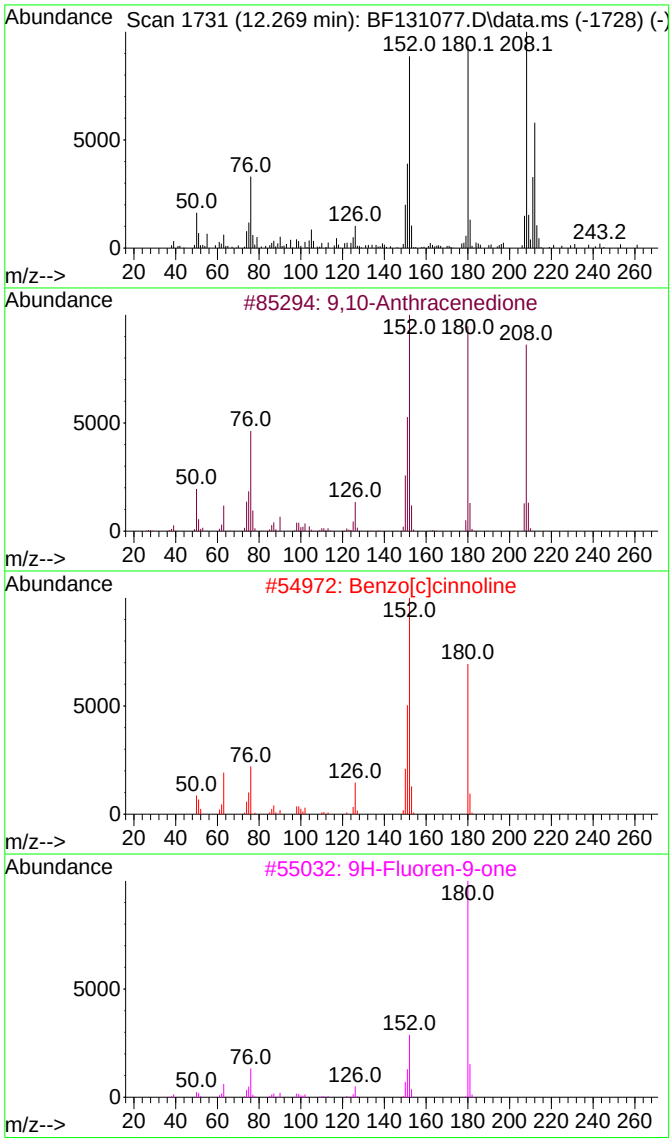
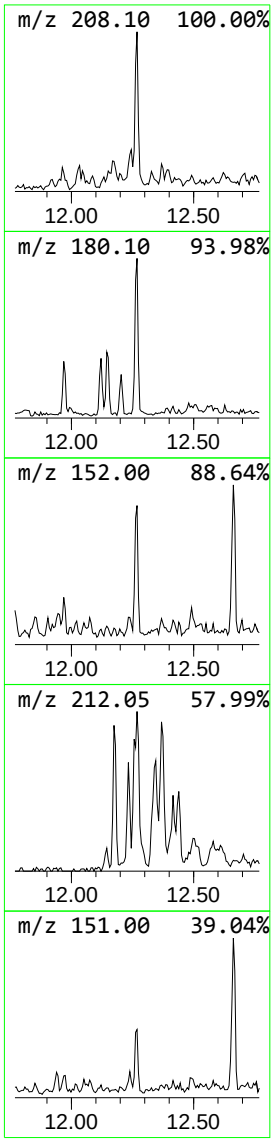
Peak Number 12 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	3.54 ng	104523	Phenanthrene-d10	11.439

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	55
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Misc :
ALS Vial : 22 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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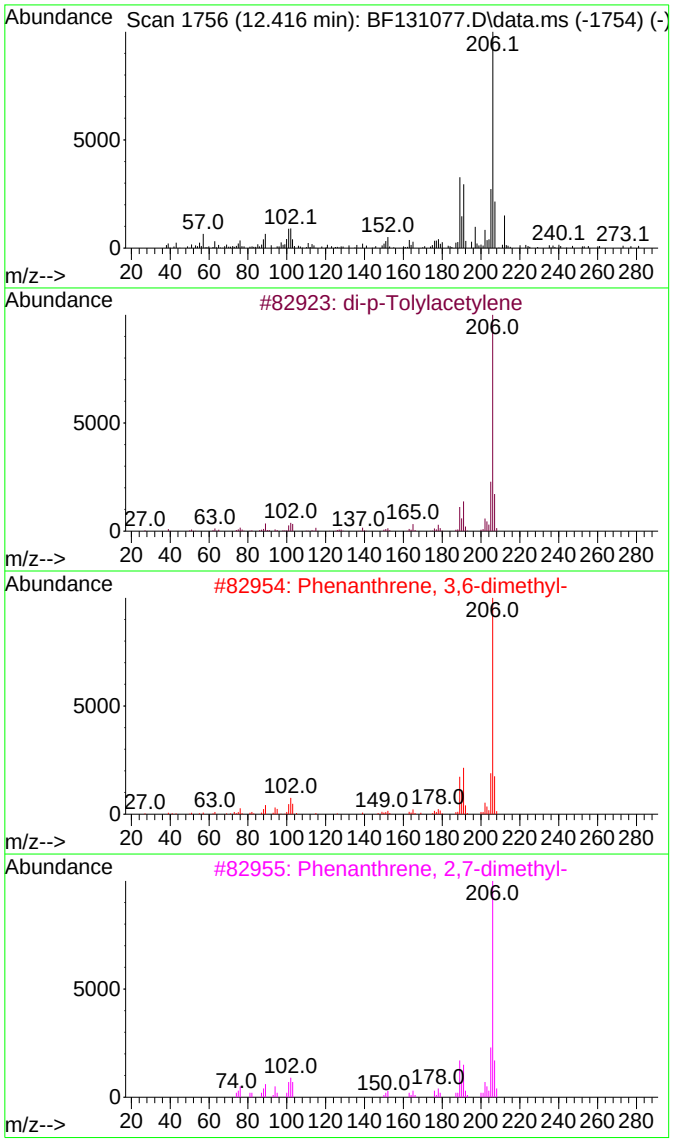
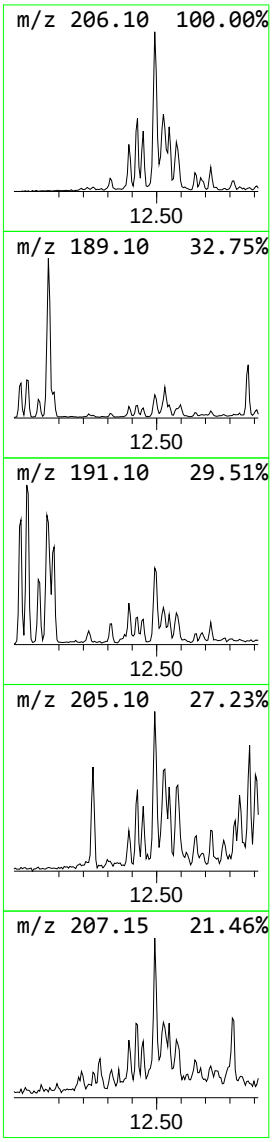
Peak Number 13 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.18 ng	93902	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64





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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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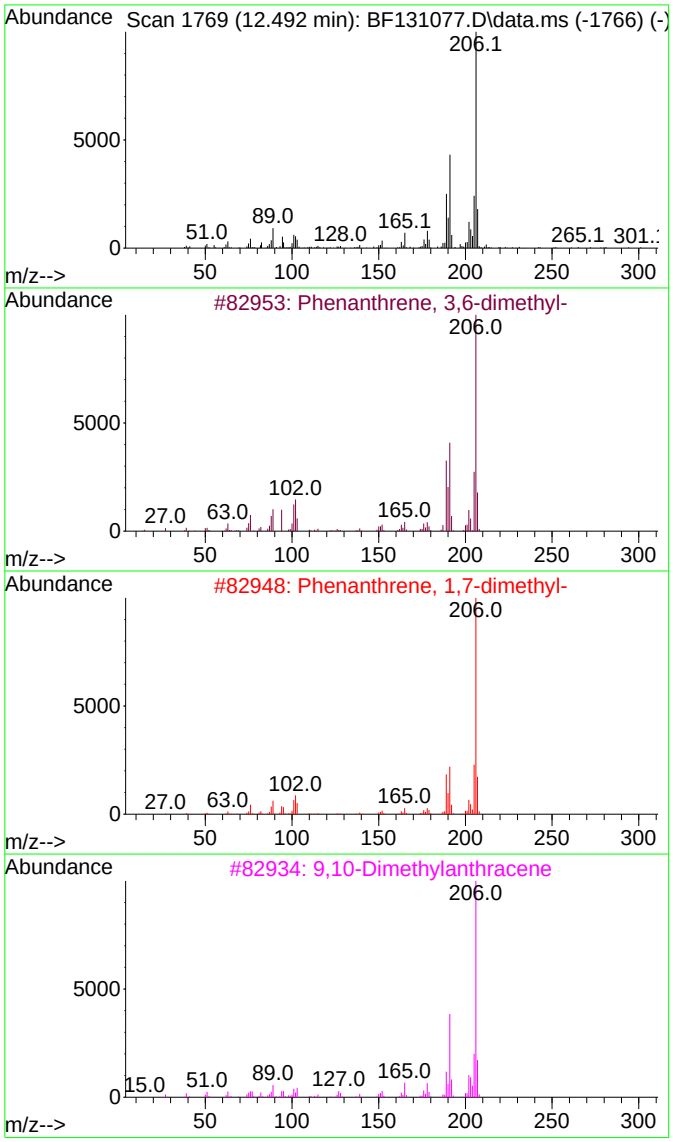
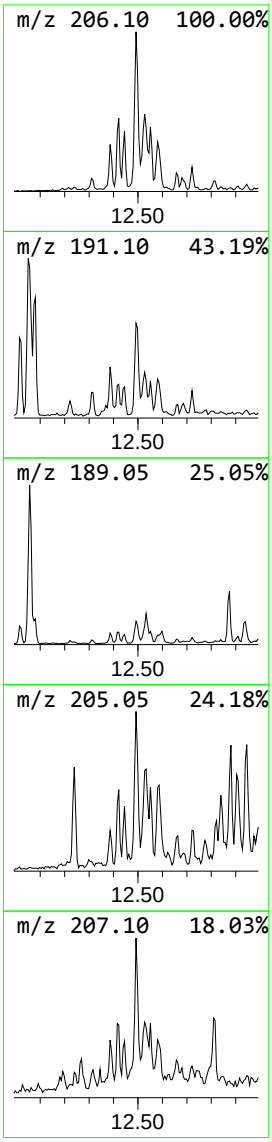
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	8.21 ng	242525	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	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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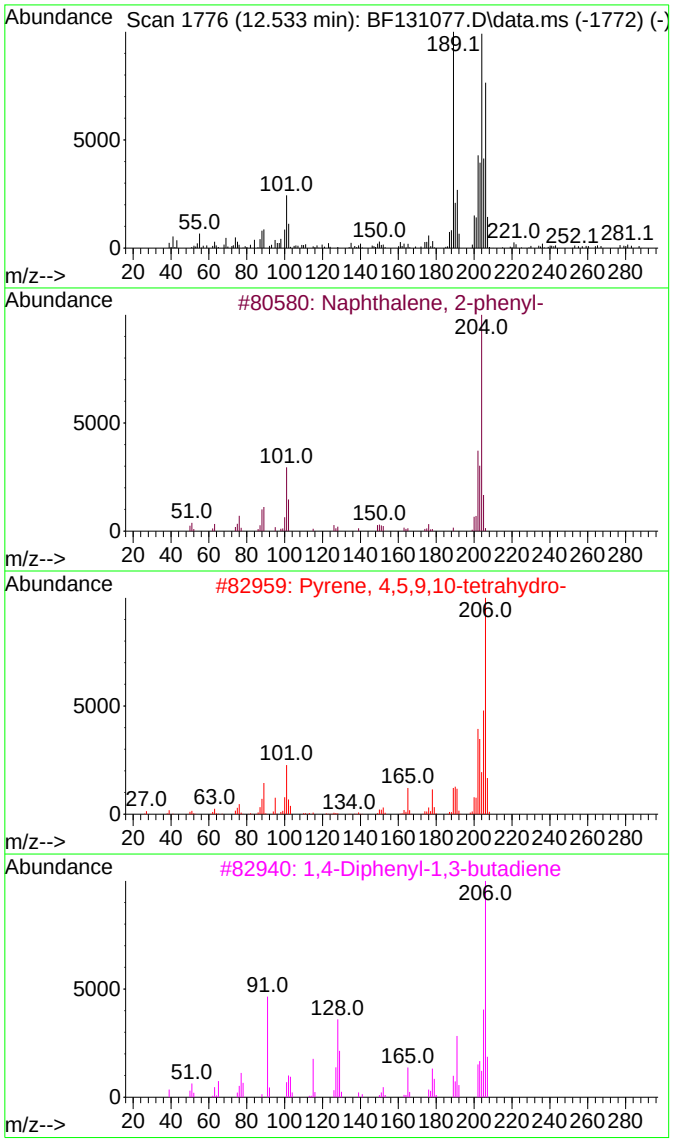
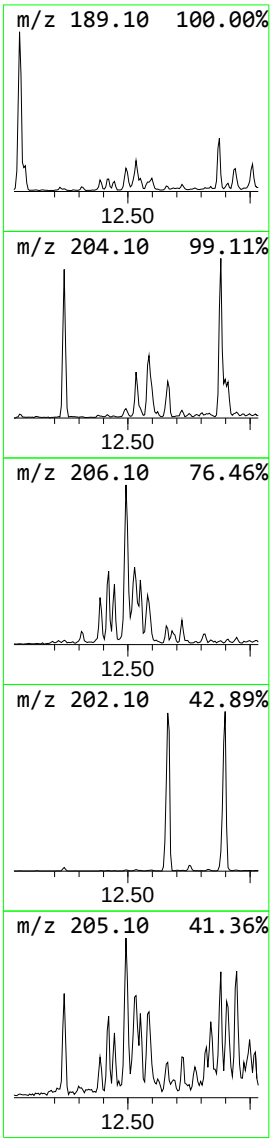
Peak Number 15 unknown12.533 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	6.60 ng	195000	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30





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

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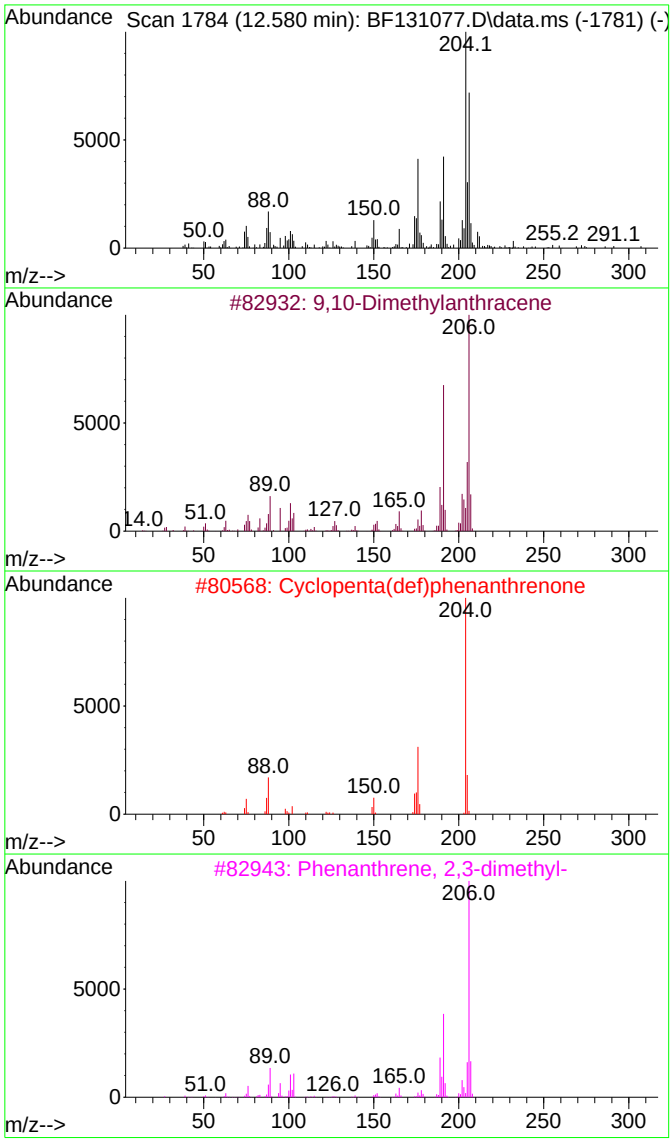
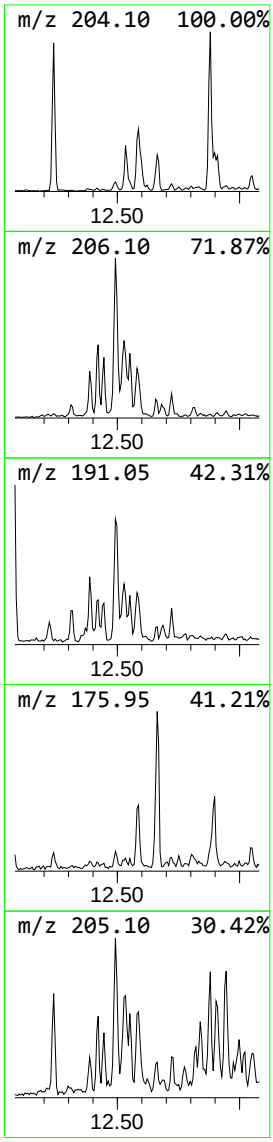
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	6.00 ng	177239	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	42





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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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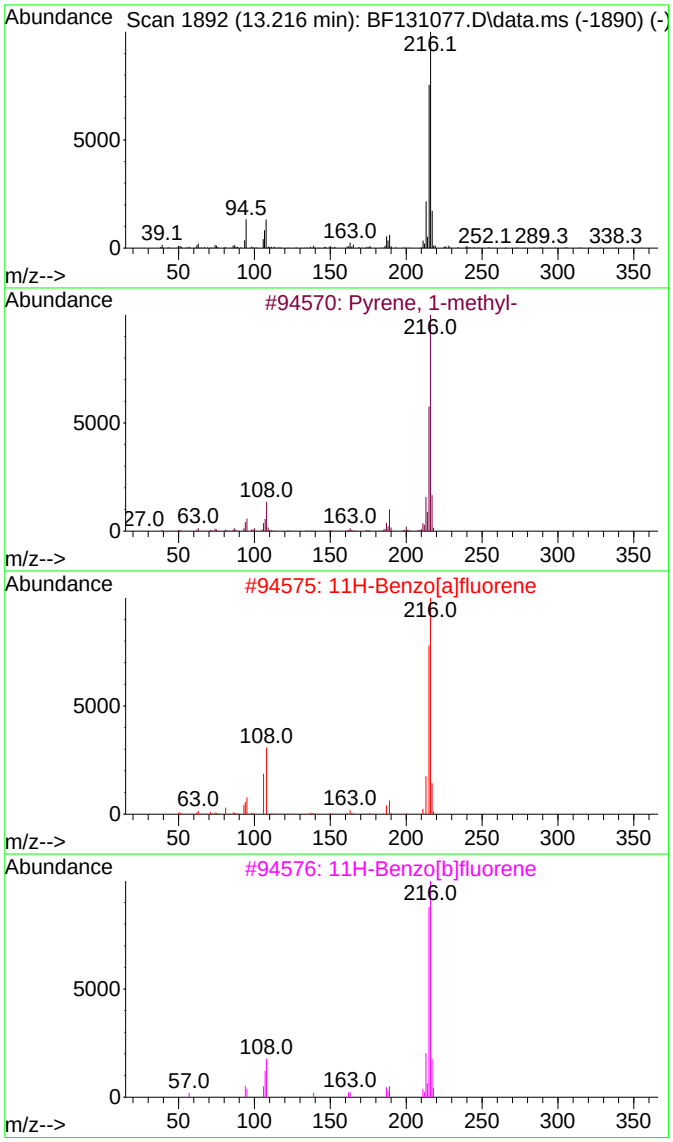
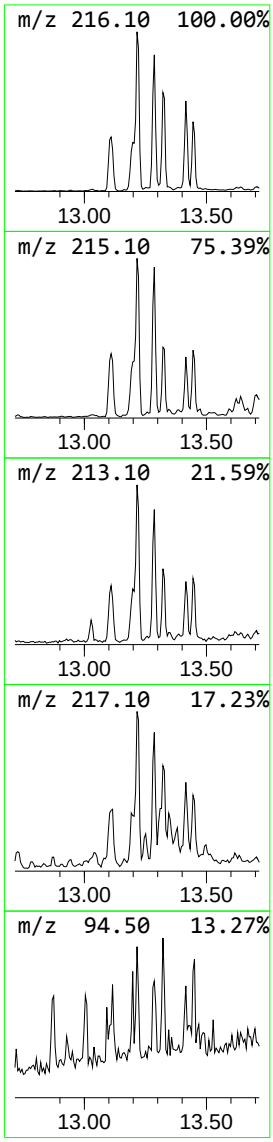
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	3.99 ng	446714	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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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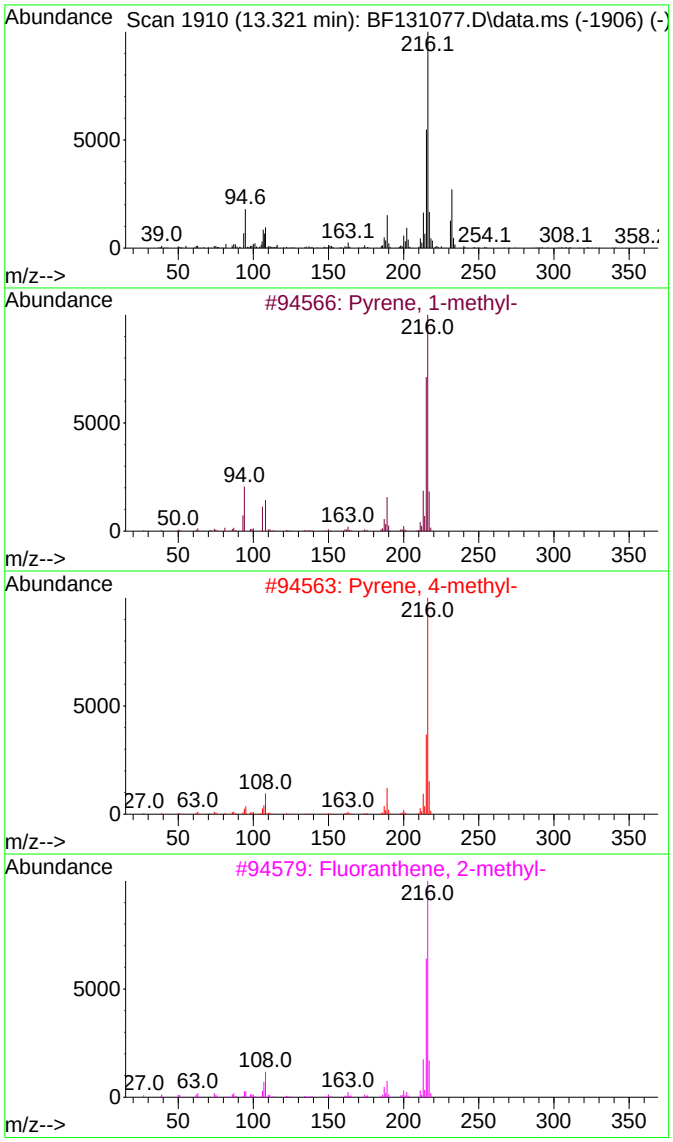
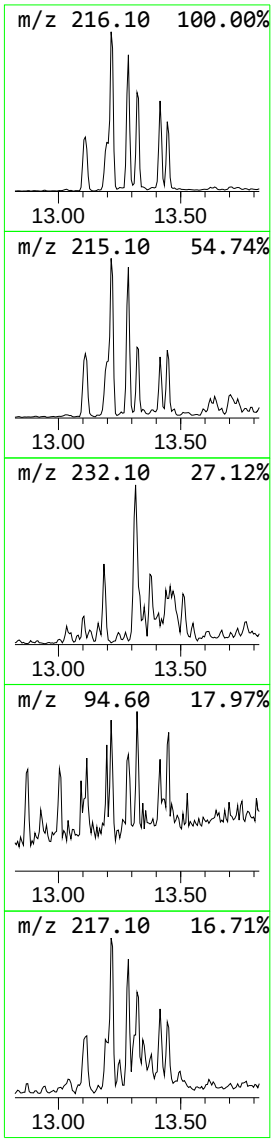
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	3.25 ng	364017	Chrysene-d12	14.098

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	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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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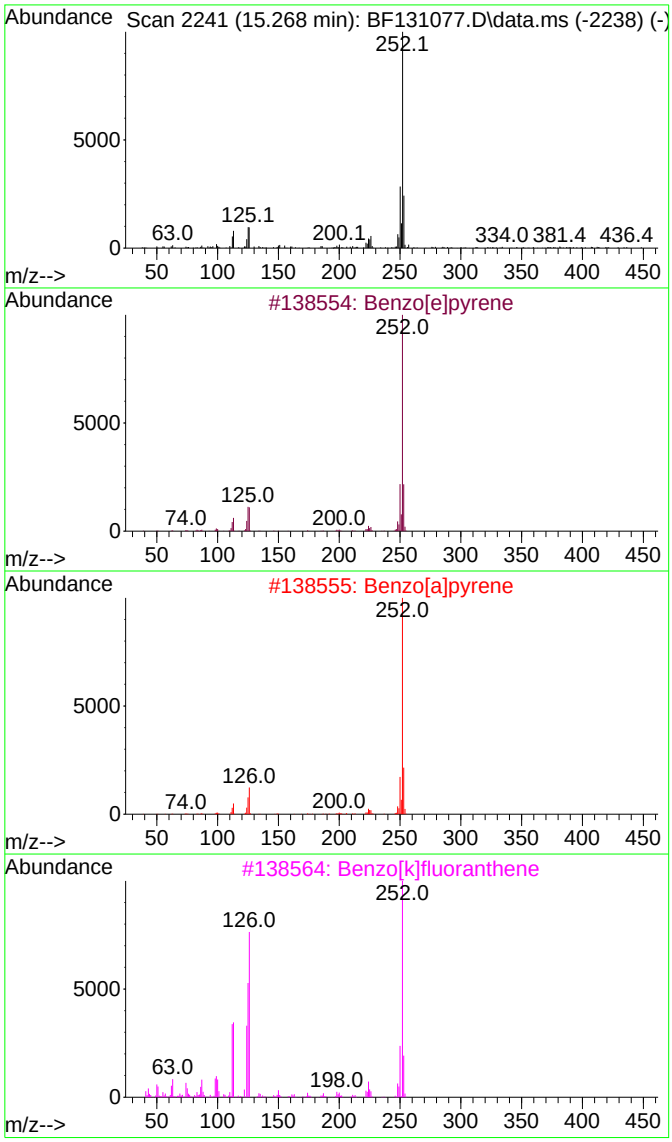
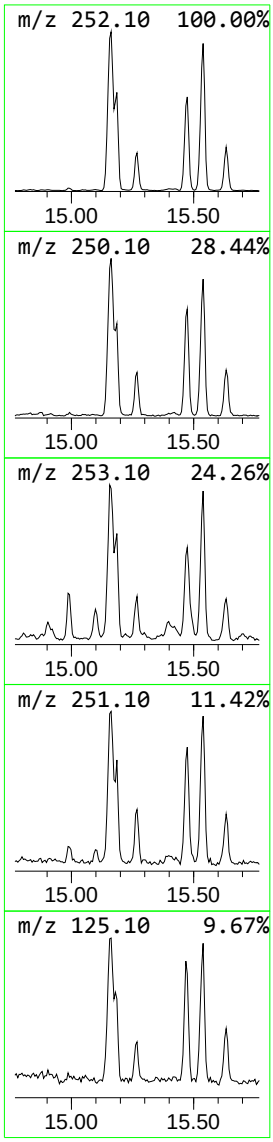
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.268	7.41 ng	117883	Perylene-d12	15.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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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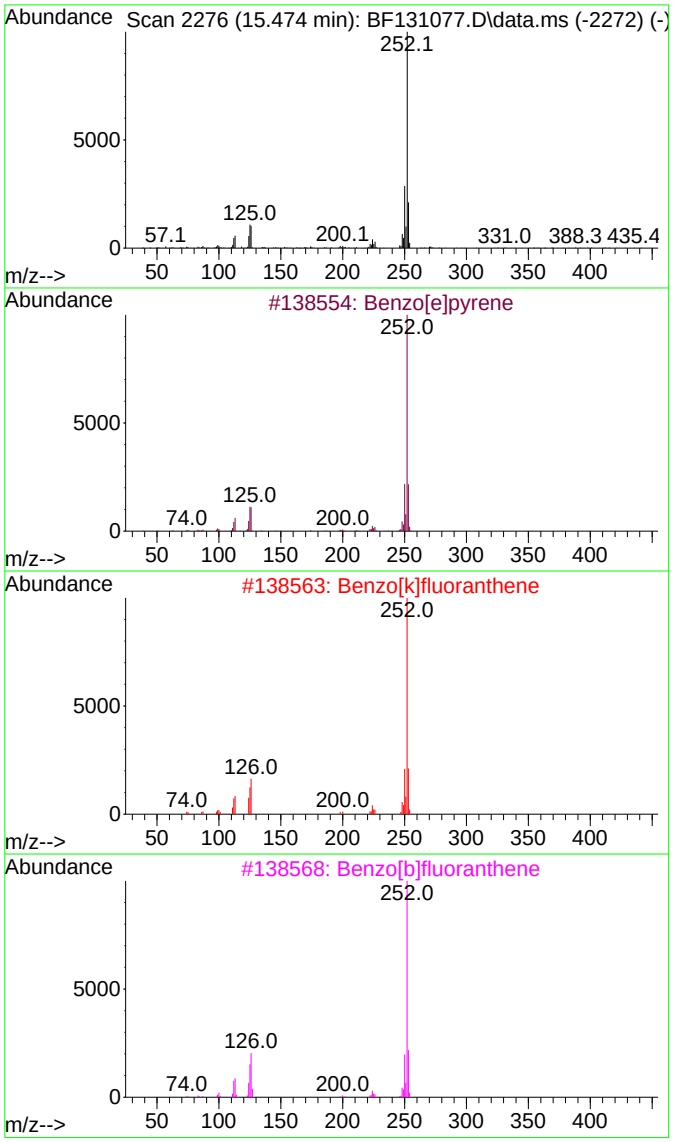
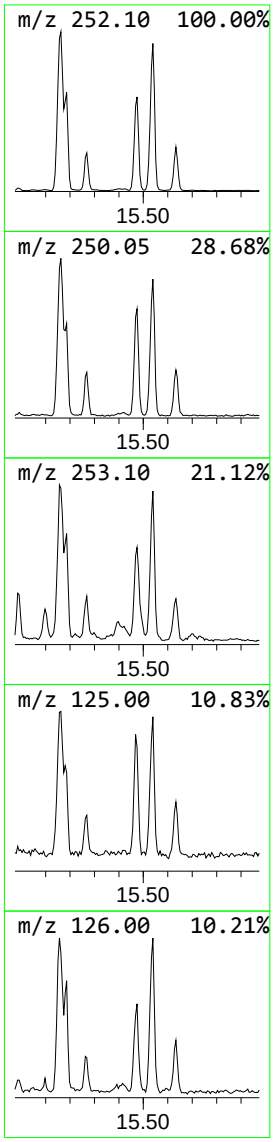
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.474	28.54 ng	454218	Perylene-d12	15.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131077.D
Acq On : 08 Nov 2022 20:34
Operator : CG\JU
Sample : N5485-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-110422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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
Butane, 2-metho...	2.152	11.8	ng	279269	1	6.898	474576	20.0
2-Pentanone, 4-...	5.110	8.1	ng	191361	1	6.898	474576	20.0
1,1'-Biphenyl, ...	10.857	3.1	ng	92656	4	11.439	590545	20.0
Dibenzothiophene	11.333	4.7	ng	138031	4	11.439	590545	20.0
Phenanthrene, 2...	11.945	7.9	ng	232151	4	11.439	590545	20.0
Phenanthrene, 1...	11.969	10.2	ng	300660	4	11.439	590545	20.0
Anthracene, 2-m...	12.016	4.8	ng	142546	4	11.439	590545	20.0
4H-Cyclopenta[d...	12.057	17.4	ng	514983	4	11.439	590545	20.0
Phenanthrene, 4...	12.080	5.2	ng	153168	4	11.439	590545	20.0
Naphthalene, 2-...	12.239	5.8	ng	170467	4	11.439	590545	20.0
9,10-Anthracene...	12.269	3.5	ng	104523	4	11.439	590545	20.0
di-p-Tolylacety...	12.416	3.2	ng	93902	4	11.439	590545	20.0
Phenanthrene, 3...	12.492	8.2	ng	242525	4	11.439	590545	20.0
unknown12.533	12.533	6.6	ng	195000	4	11.439	590545	20.0
9,10-Dimethylan...	12.580	6.0	ng	177239	4	11.439	590545	20.0
Pyrene, 1-methyl-	13.216	4.0	ng	446714	5	14.098	2237220	20.0
Pyrene, 4-methyl-	13.321	3.3	ng	364017	5	14.098	2237220	20.0
Benzo[e]pyrene	15.268	7.4	ng	117883	6	15.604	318296	20.0
Benzo[j]fluoran...	15.474	28.5	ng	454218	6	15.604	318296	20.0