LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11930

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135735.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	486	490	506	rBV	365745	531718	9.25%	0.982%
2	5.381	556	560	580	rBV	1750039	1953562	33.98%	3.607%
3	6.392	728	732	751	rBV	1941111	2048805	35.64%	3.783%
4	6.739	787	791	799	rVB	688042	601982	10.47%	1.111%
5	7.304	884	887	897	rBV	1323933	1225807	21.32%	2.263%
6	8.016	1005	1008	1021	rBV	810862	712042	12.39%	1.315%
7	8.733	1127	1130	1136	rBV	83236	73765	1.28%	0.136%
8	8.792	1137	1140	1144	rVV	186168	172173	2.99%	0.318%
9	9.098	1186	1192	1195	rBV	2026586	1894015	32.94%	3.497%
10	9.198	1206	1209	1218	rVB2	179377	198754	3.46%	0.367%
11	9.292	1223	1225	1233	rVB	80450	81416	1.42%	0.150%
12	9.357	1233	1236	1241	rBV	364450	469323	8.16%	0.866%
13	9.433	1245	1249	1252	rBV	497165	515864	8.97%	0.952%
14	9.463	1252	1254	1257	rVB	276626	234511	4.08%	0.433%
15	9.551	1264	1269	1275	rBV2	257564	304754	5.30%	0.563%
16	9.633	1281	1283	1287	rVB2	109388	104721	1.82%	0.193%
17	9.774	1299	1307	1310	rBV2	862711	919980	16.00%	1.699%
18	9.810	1310	1313	1317	rVV	1656094	1406230	24.46%	2.596%
19	9.880	1320	1325	1329	rVV2	119093	164568	2.86%	0.304%
20	9.933	1329	1334	1336	rVV2	153838	157957	2.75%	0.292%
21	9.986	1338	1343	1346	rVV	1428469	1343348	23.37%	2.480%
22	10.022	1346	1349	1353	rVV	221734	192958	3.36%	0.356%
23	10.092	1357	1361	1364	rBV	169378	178494	3.10%	0.330%
24	10.122	1364	1366	1373	rVB	181906	158539	2.76%	0.293%
25	10.186	1373	1377	1379	rBV	137596	175578	3.05%	0.324%
26	10.204	1379	1380	1383	rVB	117133	70826	1.23%	0.131%
27	10.280	1391	1393	1396	rVV2	116479	87525	1.52%	0.162%
28	10.333	1397	1402	1406	rVV	2211270	2219286	38.60%	4.097%
29	10.374	1406	1409	1410	rVV	175642	142423	2.48%	0.263%
30	10.392	1410	1412	1413	rVV	295360	226641	3.94%	0.418%
31	10.410	1413	1415	1418	rVV	425971	389706	6.78%	0.720%
32	10.439	1418	1420	1421	rVV	133234	108439	1.89%	0.200%
33	10.463	1421	1424	1425	rVV	180158	174970	3.04%	0.323%
34	10.486	1425	1428	1432	rVB	610009	552432	9.61%	1.020%
35	10.574	1436	1443	1447	rBV	1601424	1748602	30.42%	3.228%
36	10.616	1447	1450	1453	rVB3	172524	175305	3.05%	0.324%

LSC Area Percent Report

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Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.710	1453	1466	1470	rBV4	150513	299868	5.22%	0.554%
38	10.763	1470	1475	1478	rBV3	82579	113342	1.97%	0.209%
39	10.880	1487	1495	1497	rBV2	497591	588049	10.23%	1.086%
40	10.904	1497	1499	1502	rVV2	193337	211549	3.68%	0.391%
41	10.963	1506	1509	1511	rVV	200685	193691	3.37%	0.358%
42	10.992	1511	1514	1515	rVV	98932	106060	1.84%	0.196%
43	11.004	1515	1516	1518	rVV	212955	188401	3.28%	0.348%
44	11.027	1518	1520	1522	rVV2	249407	235044	4.09%	0.434%
45	11.086	1526	1530	1533	rVV5	118194	152638	2.65%	0.282%
46	11.121	1533	1536	1540	rVV2	268439	323401	5.63%	0.597%
47	11.169	1540	1544	1551	rVB	756686	685678	11.93%	1.266%
48	11.274	1558	1562	1563	rBV	697368	641341	11.16%	1.184%
49	11.310	1563	1568	1571	rVV	4695825	5749112	100.00%	10.614%
50	11.351	1571	1575	1578	rVV	1093445	982932	17.10%	1.815%
51	11.392	1578	1582	1586	rVB3	142207	216500	3.77%	0.400%
52	11.433	1586	1589	1595	rBV4	60825	74891	1.30%	0.138%
53	11.516	1598	1603	1609	rBV2	500272	636379	11.07%	1.175%
54	11.568	1609	1612	1614	rBV	144380	115858	2.02%	0.214%
55	11.780	1642	1648	1650	rBV	765790	724397	12.60%	1.337%
56	11.810	1650	1653	1658	rVV	1089081	985939	17.15%	1.820%
57	11.857	1658	1661	1664	rVV	385349	333871	5.81%	0.616%
58	11.892	1664	1667	1669	rVV	1397783	1331665	23.16%	2.459%
59	11.910	1669	1670	1676	rVB	386722	324937	5.65%	0.600%
60	12.074	1695	1698	1703	rVB	551226	449132	7.81%	0.829%
61	12.221	1718	1723	1727	rBV	113641	128827	2.24%	0.238%
62	12.257	1727	1729	1731	rVB	127890	88668	1.54%	0.164%
63	12.280	1731	1733	1737	rVB	83468	83549	1.45%	0.154%
64	12.333	1738	1742	1744	rBV	236379	244001	4.24%	0.450%
65	12.368	1744	1748	1750	rBV	142481	164794	2.87%	0.304%
66	12.504	1766	1771	1774	rBV	3578135	3832664	66.67%	7.076%
67	12.563	1779	1781	1785	rVB3	95191	99127	1.72%	0.183%
68	12.651	1792	1796	1798	rVB	170200	161472	2.81%	0.298%
69	12.733	1803	1810	1815	rBV2	2698475	3420649	59.50%	6.315%
70	12.780	1815	1818	1822	rVB2	179312	198585	3.45%	0.367%
71	12.868	1826	1833	1836	rBV2	1539548	1542616	26.83%	2.848%
72	12.945	1842	1846	1851	rBV2	180522	327566	5.70%	0.605%
73	13.033	1858	1861	1862	rBV2	128823	131802	2.29%	0.243%
74	13.057	1862	1865	1869	rVB	498868	487938	8.49%	0.901%
75	13.121	1873	1876	1879	rBV	481385	469329	8.16%	0.867%
76	13.162	1879	1883	1890	rVB3	238365	341244	5.94%	0.630%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11930

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.257	1896	1899	1902	rBV	92076	85941	1.49%	0.159%
78	13.286	1902	1904	1908	rBV3	104134	102379	1.78%	0.189%
79	13.545	1944	1948	1951	rBV3	71408	98151	1.71%	0.181%
80	13.686	1968	1972	1974	rBV	102598	123223	2.14%	0.228%
81	13.710	1974	1976	1978	rVV	138208	121025	2.11%	0.223%
82	13.733	1978	1980	1982	rVV	90140	91184	1.59%	0.168%
83	13.757	1982	1984	1988	rVV4	61939	81542	1.42%	0.151%
84	13.792	1988	1990	1996	rVB2	48132	70591	1.23%	0.130%
85	13.857	1996	2001	2006	rBV2	83874	186320	3.24%	0.344%
86	13.927	2006	2013	2017	rVV2	883968	1470973	25.59%	2.716%
87	13.962	2017	2019	2026	rVV	648603	573890	9.98%	1.060%
88	14.039	2030	2032	2036	rVB	129344	114045	1.98%	0.211%
89	14.327	2076	2081	2084	rBV2	89168	106089	1.85%	0.196%
90	14.557	2117	2120	2125	rBV	172201	159045	2.77%	0.294%
91	14.657	2134	2137	2140	rBV4	42887	73021	1.27%	0.135%
92	14.980	2188	2192	2195	rBV	240548	322175	5.60%	0.595%
93	15.009	2195	2197	2199	rVV	117128	123227	2.14%	0.228%
94	15.033	2199	2201	2207	rVB3	72168	87864	1.53%	0.162%
95	15.286	2240	2244	2250	rVB	124075	153627	2.67%	0.284%
96	15.351	2250	2255	2259	rBV	152047	210403	3.66%	0.388%
97	15.409	2261	2265	2269	rBV	338220	394910	6.87%	0.729%
98	15.845	2335	2339	2346	rVB	60904	89434	1.56%	0.165%
99	16.915	2516	2521	2531	rVB3	50453	124175	2.16%	0.229%
100	17.450	2607	2612	2621	rVB3	40544	95631	1.66%	0.177%

Sum of corrected areas: 54163390

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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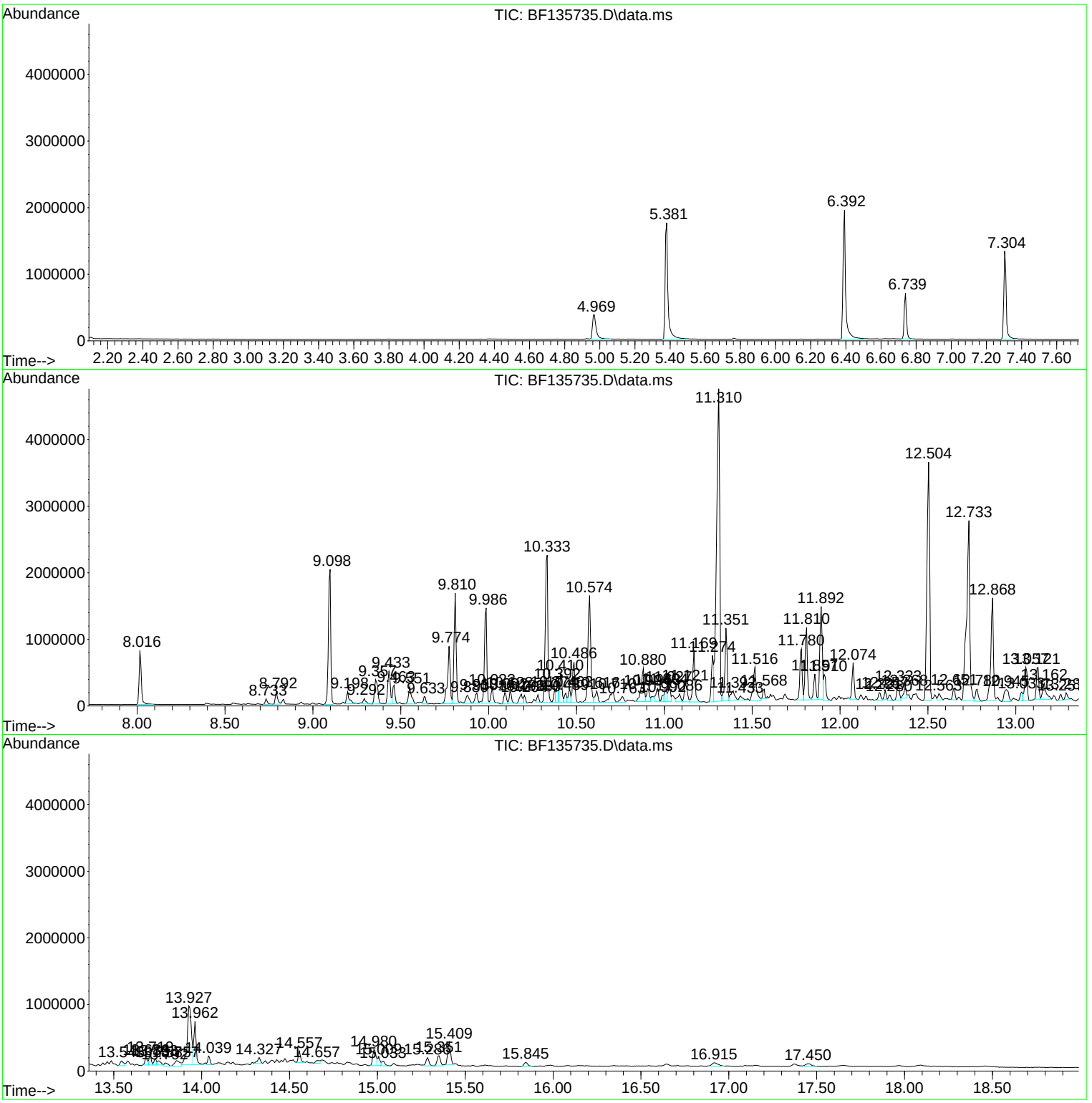
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF101223\
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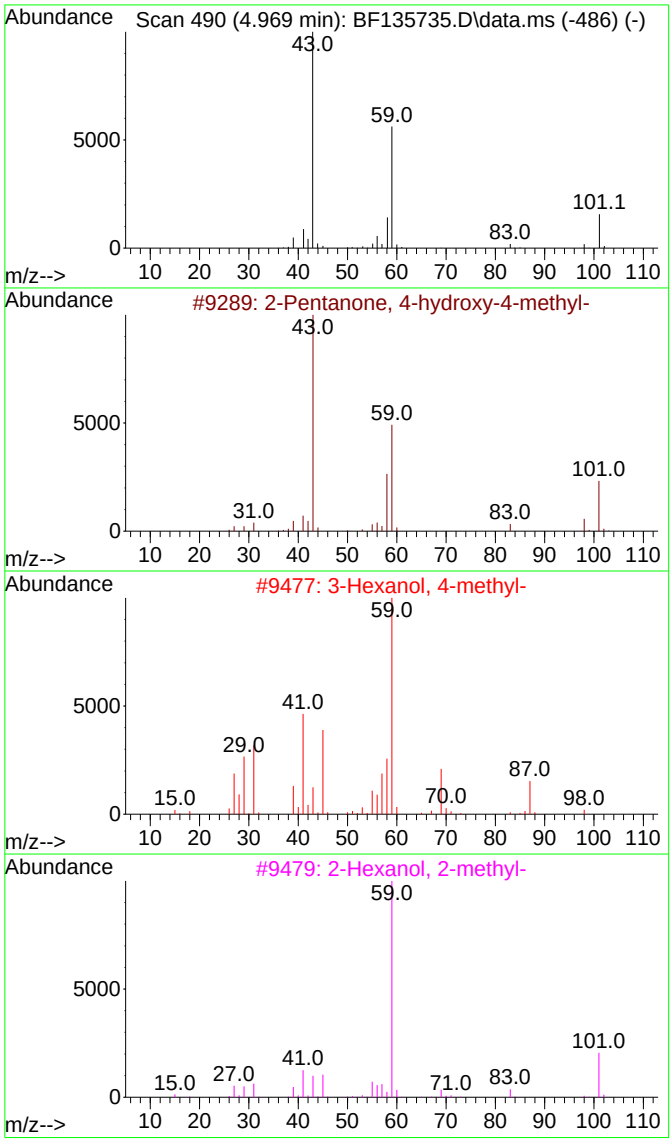
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

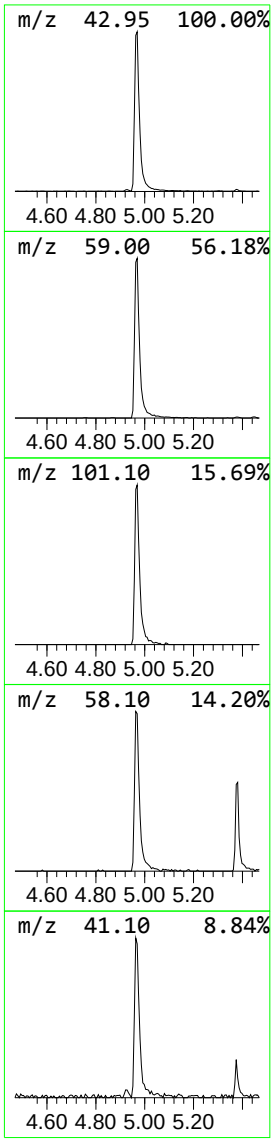
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	17.67 ng	531718	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135735.D
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

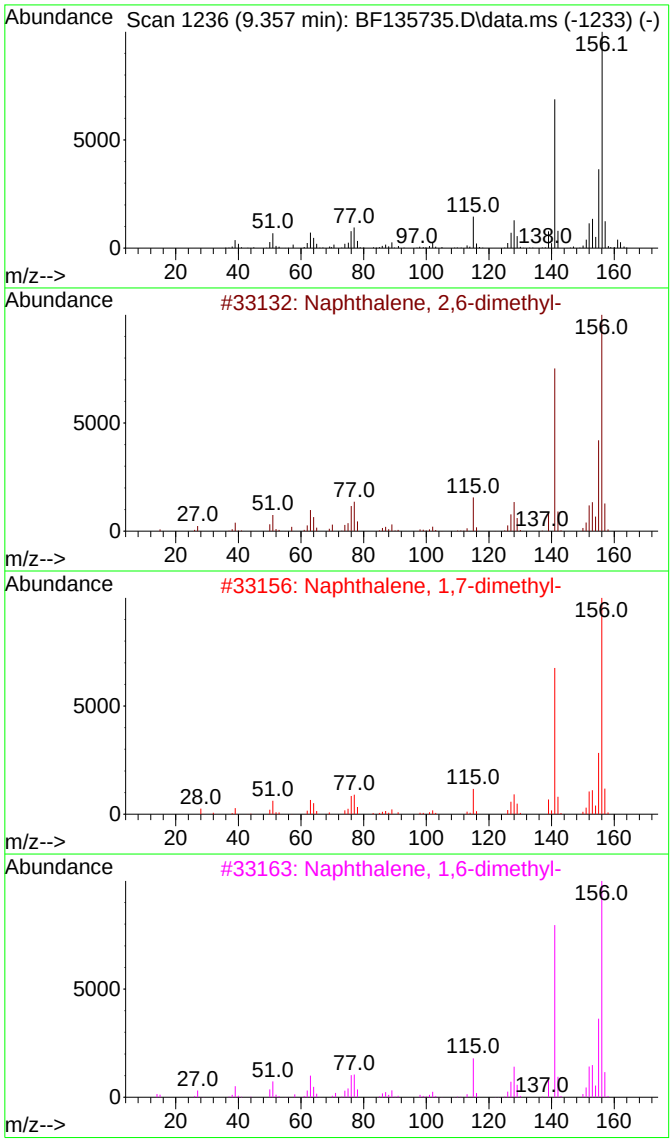
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

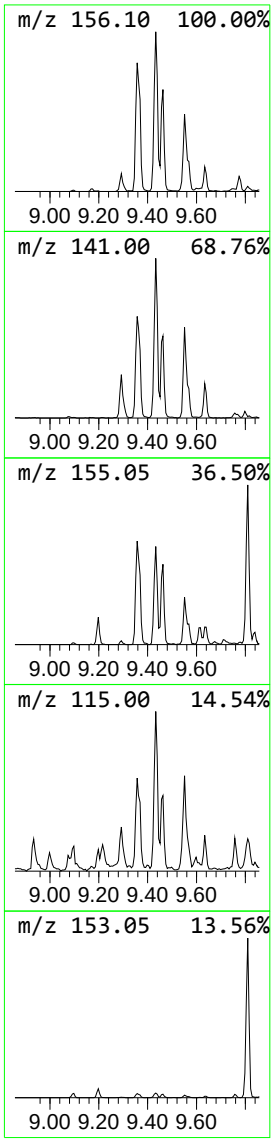
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	10.20 ng	469323	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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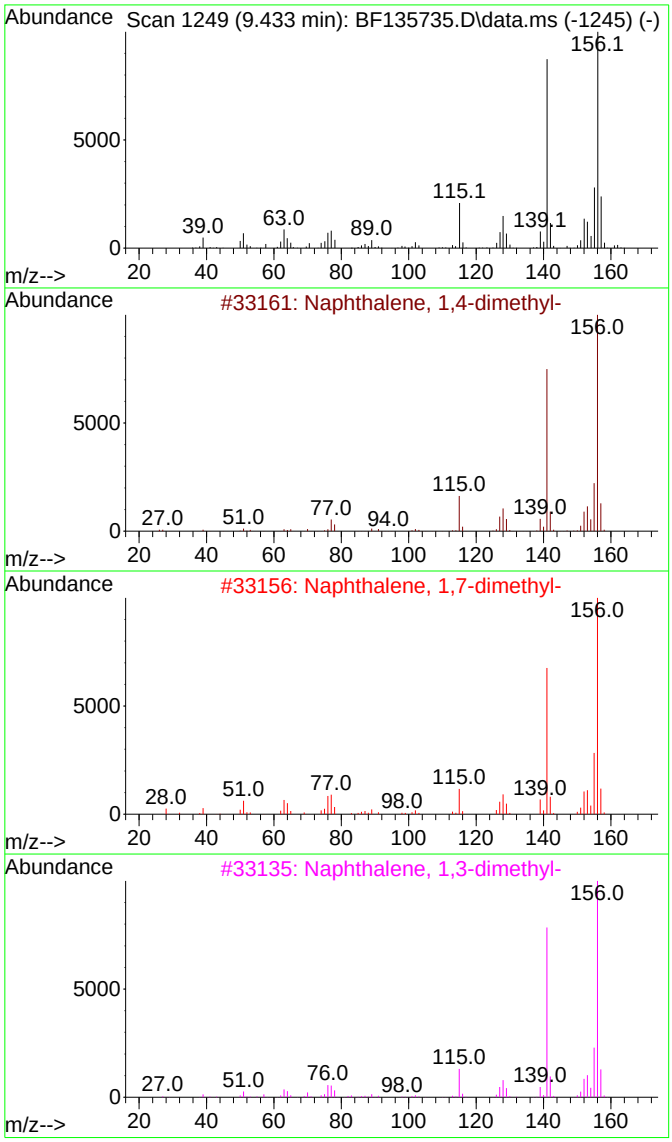
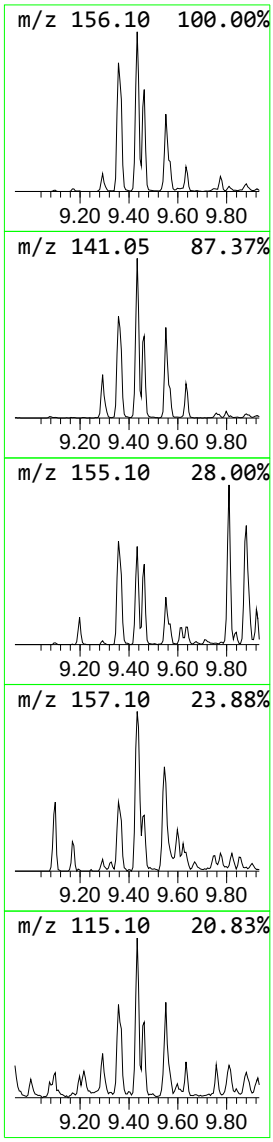
Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	11.21 ng	515864	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
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Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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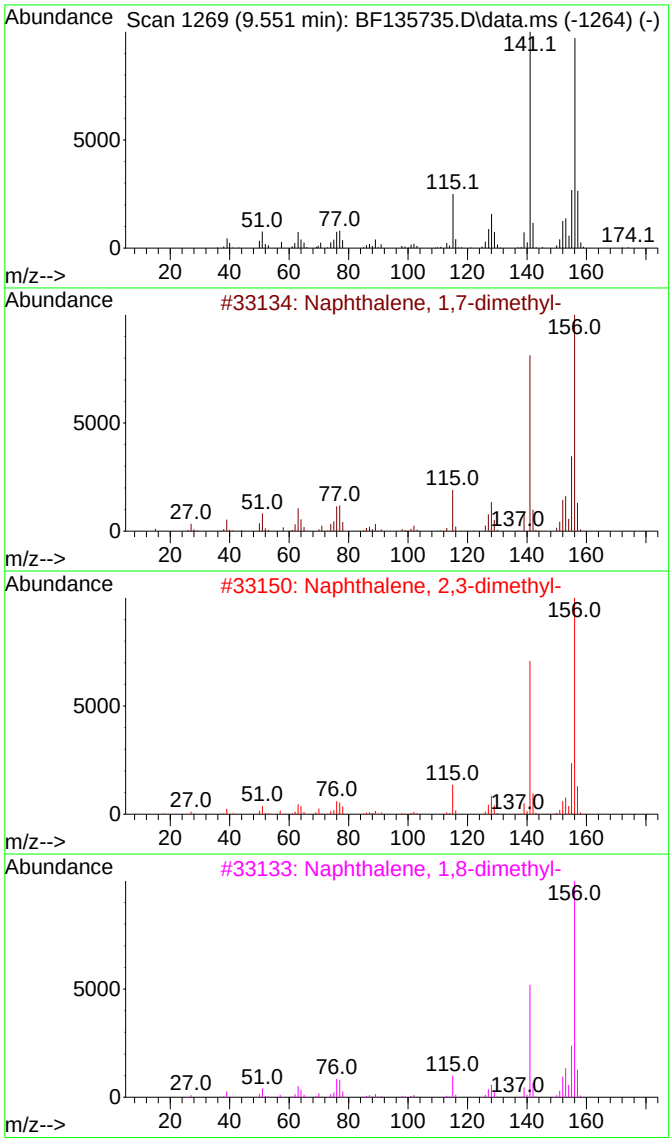
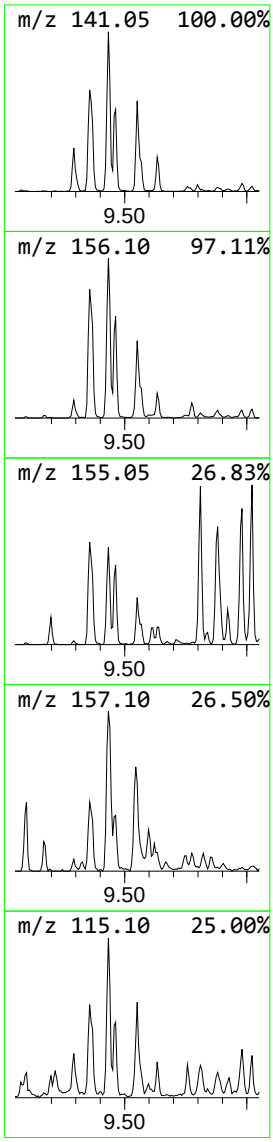
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.63 ng	304754	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

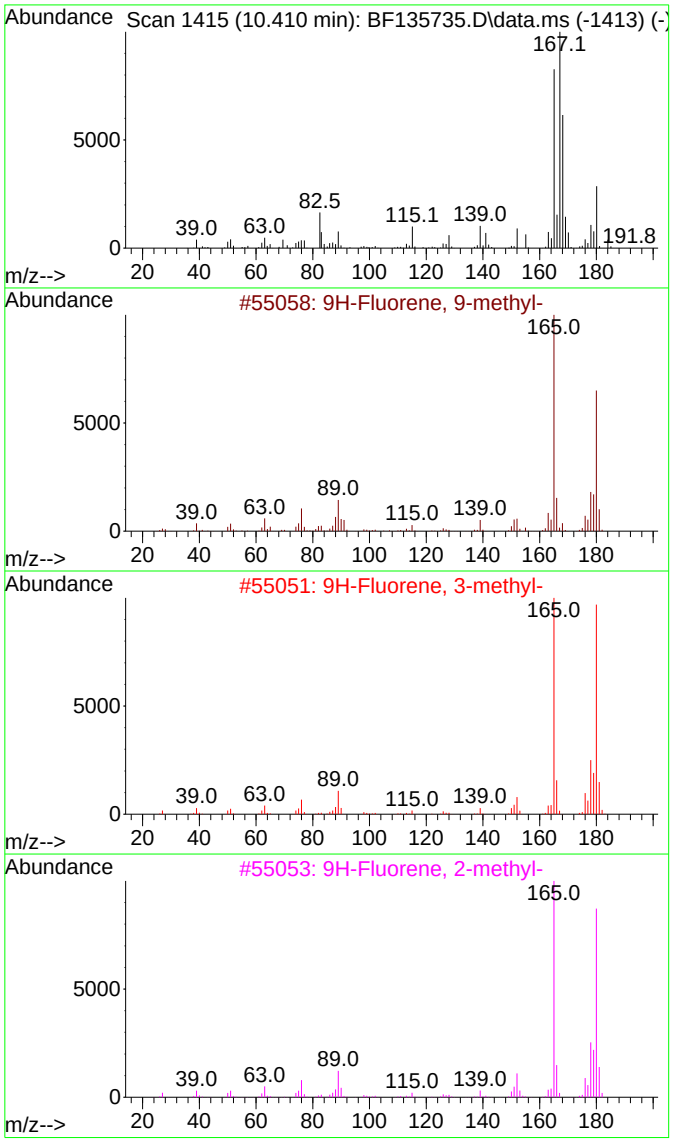
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

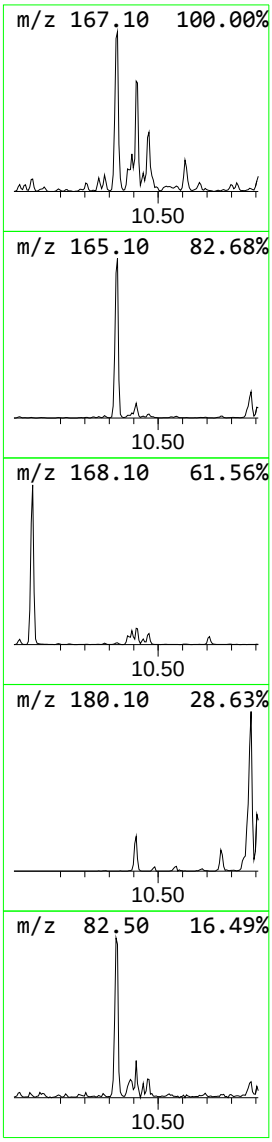
****

Peak Number 5 unknown10.410 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	8.47 ng	389706	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38
4	5-Chloro-3-ethyl-1H-pyrrolo[2,3-...	180	C9H9ClN2	1000486-89-2	38
5	Thiazolo[3,2-a]pyridinium, 2,3-d...	167	C8H9NOS	023003-43-2	30





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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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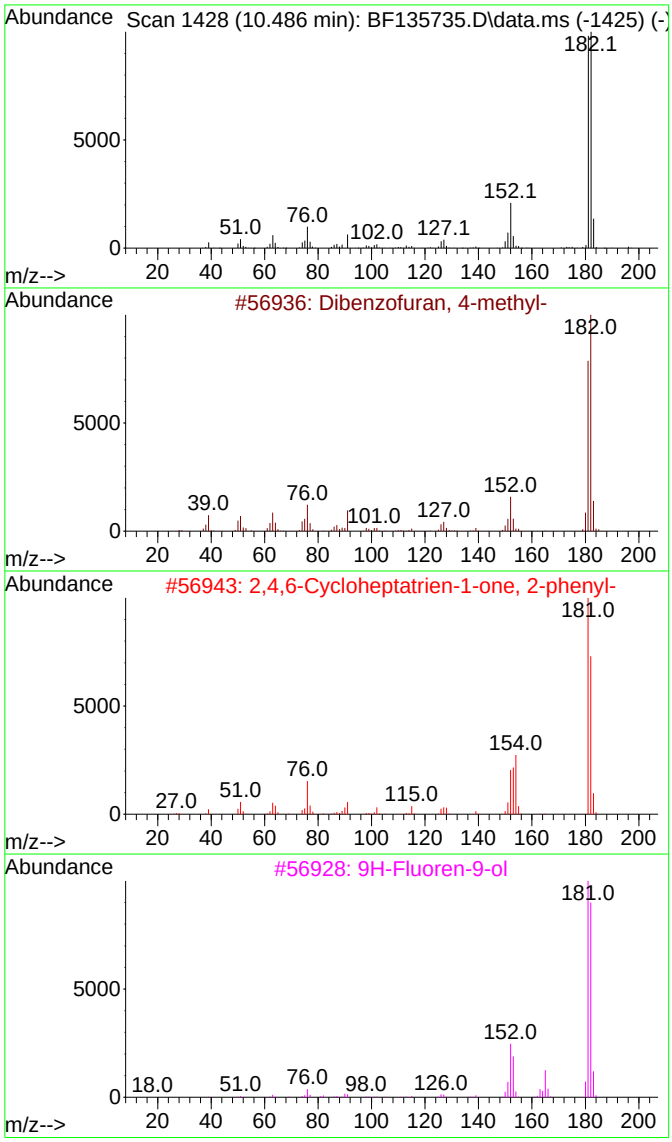
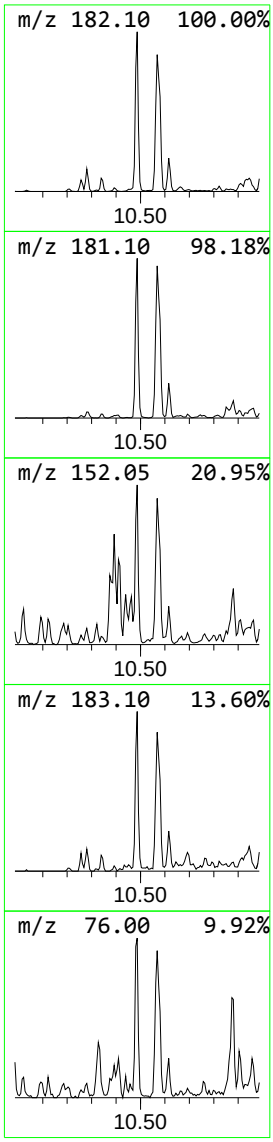
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	12.01 ng	552432	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





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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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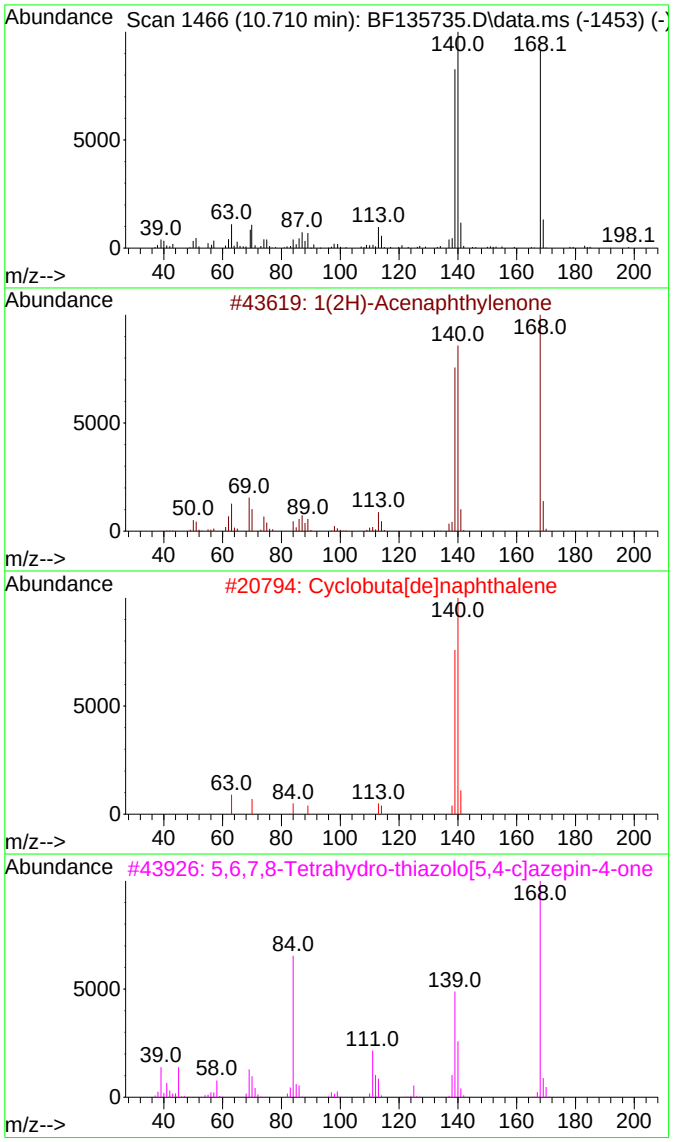
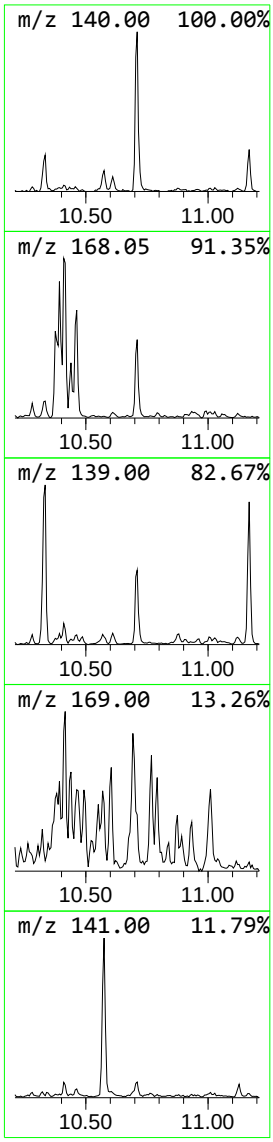
Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	9.35 ng	299868	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	59
4	Dibenzofuran	168	C12H8O	000132-64-9	58
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	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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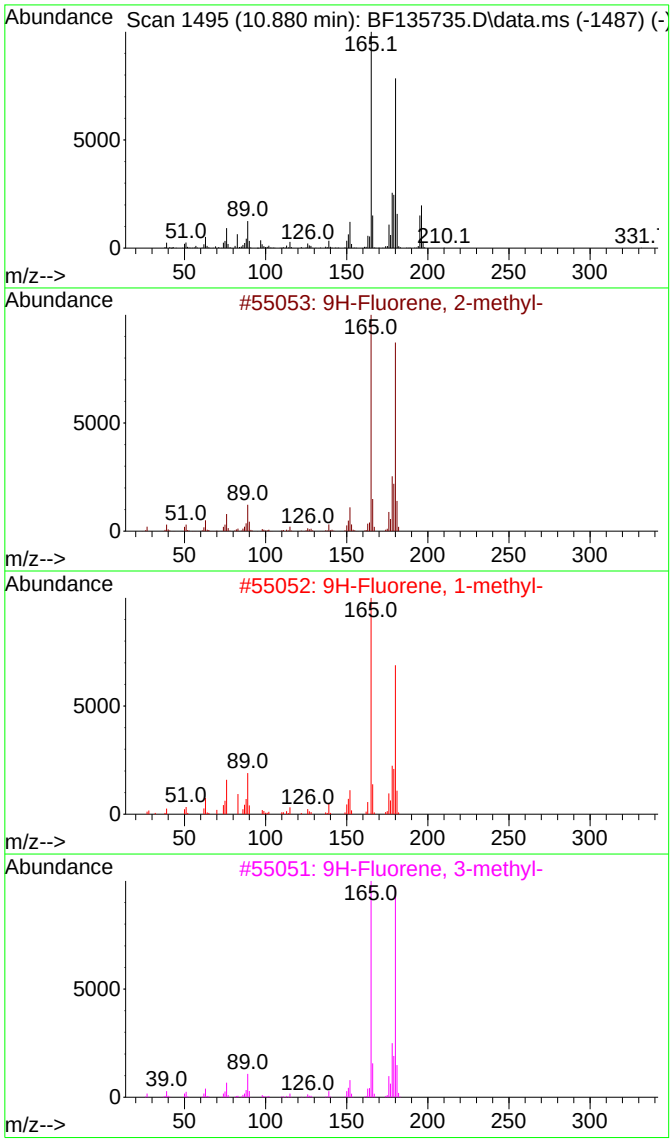
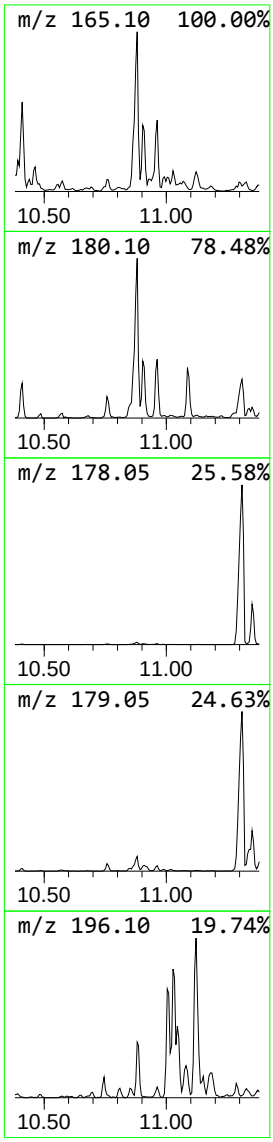
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	18.34 ng	588049	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	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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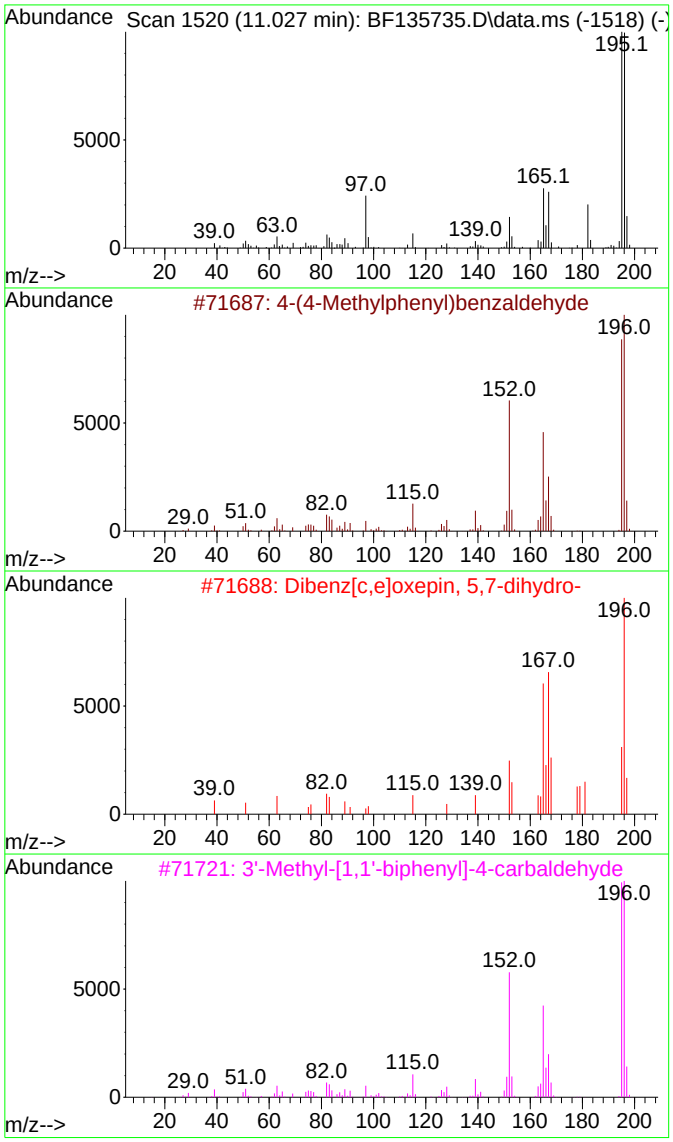
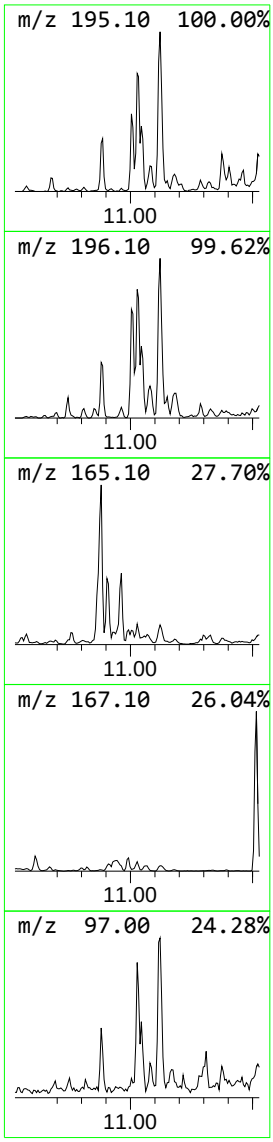
Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	7.33 ng	235044	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	68
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	60
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	59
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	47





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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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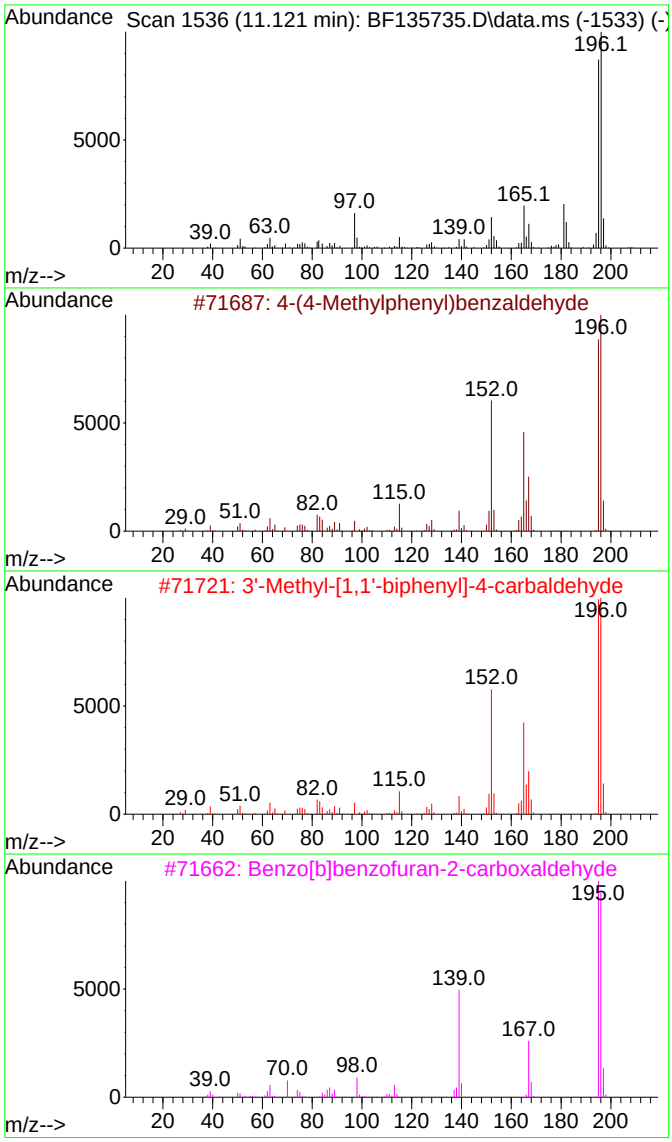
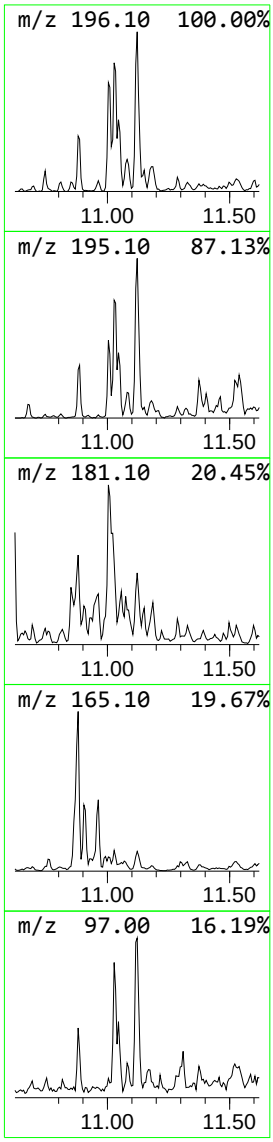
Peak Number 10 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.121	10.09 ng	323401	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	90
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	70
4	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	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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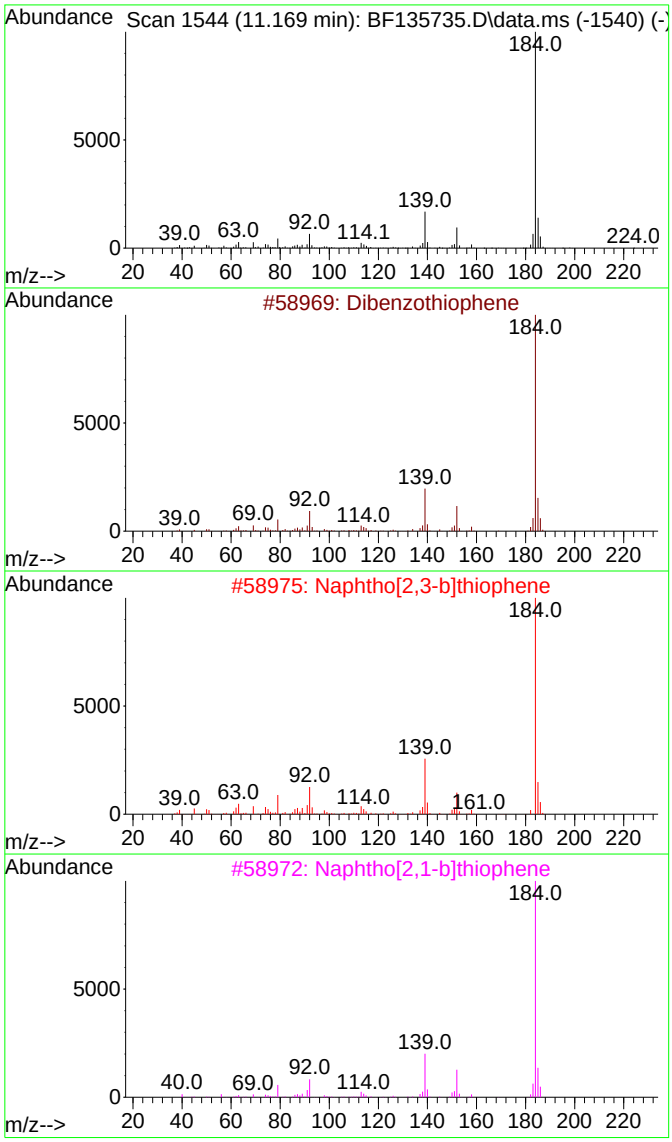
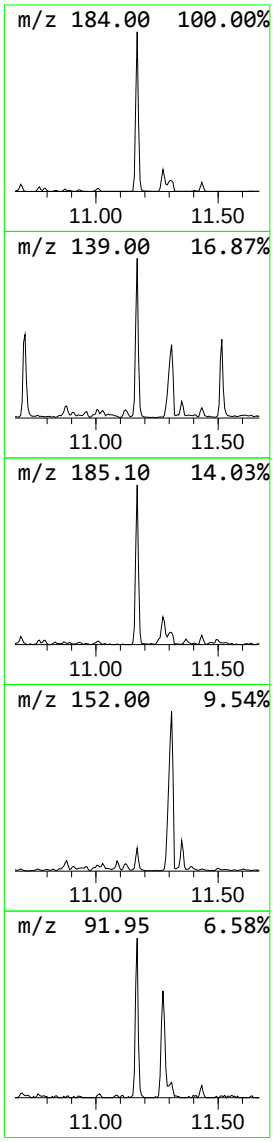
Peak Number 11 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	21.38 ng	685678	Phenanthrene-d10	11.274

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





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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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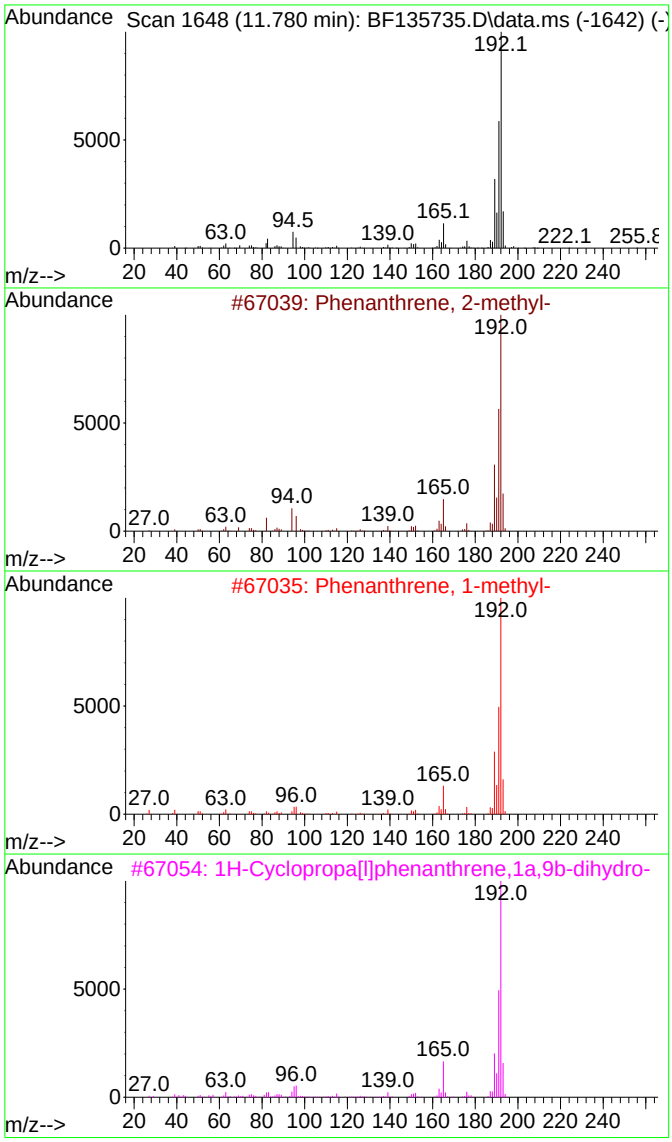
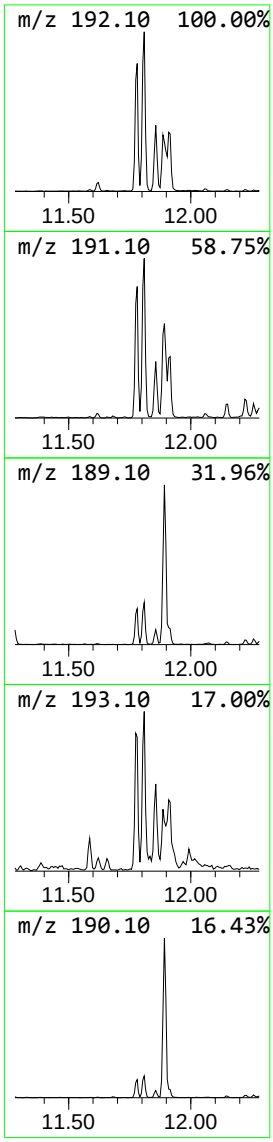
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	22.59 ng	724397	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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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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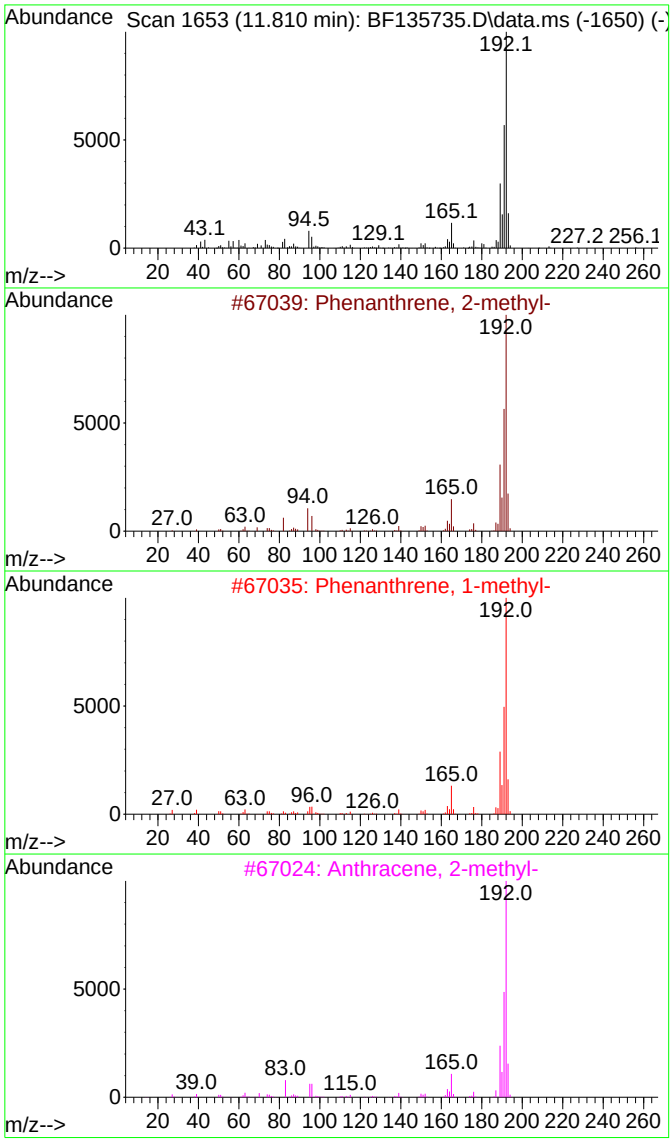
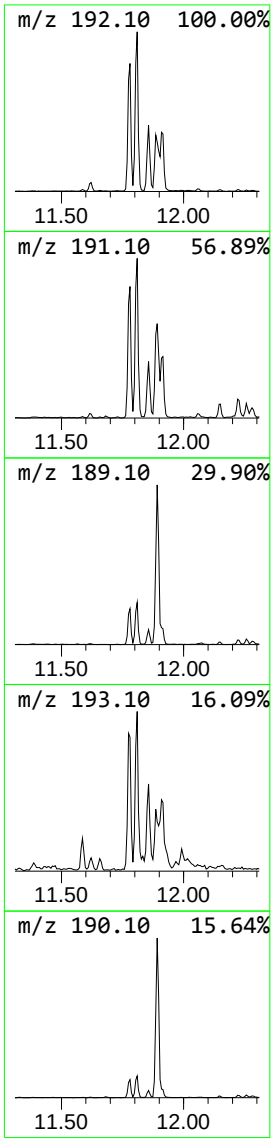
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	30.75 ng	985939	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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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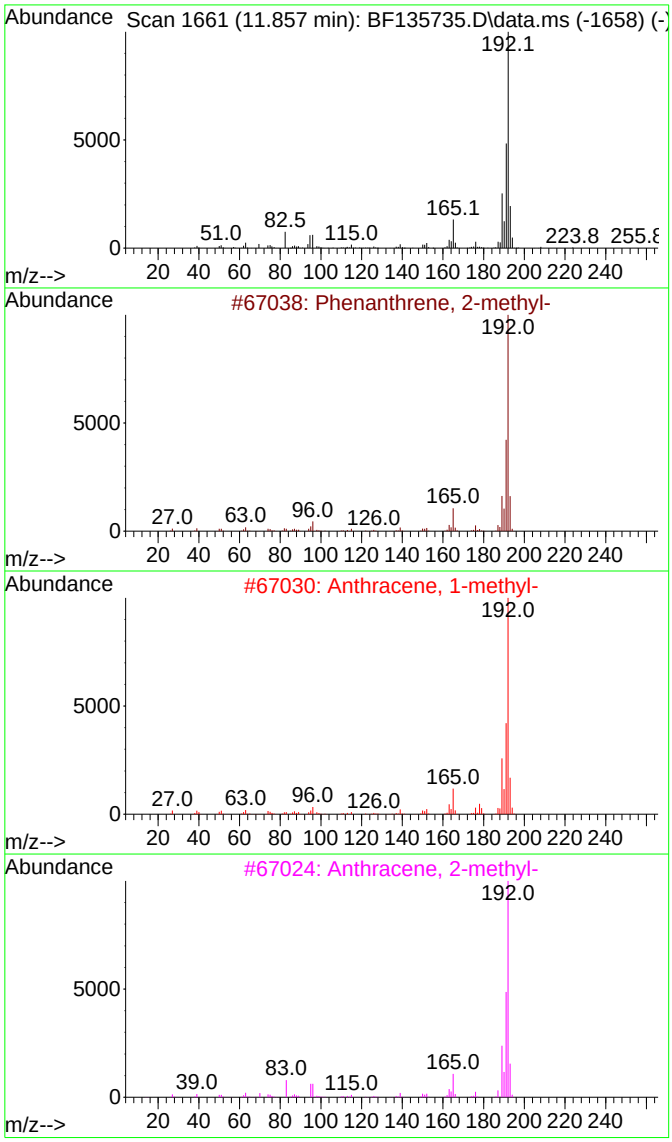
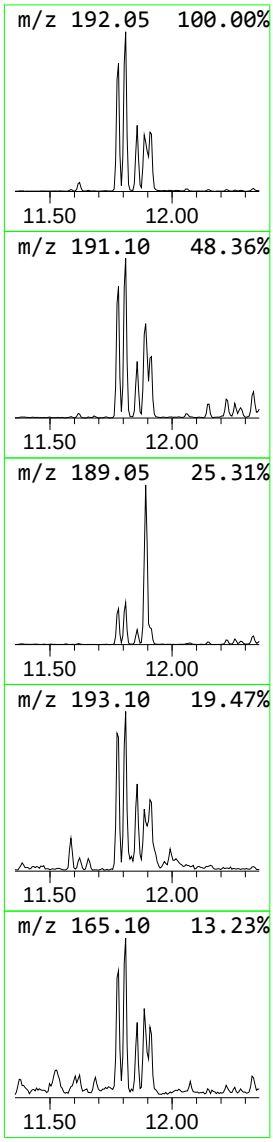
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	10.41 ng	333871	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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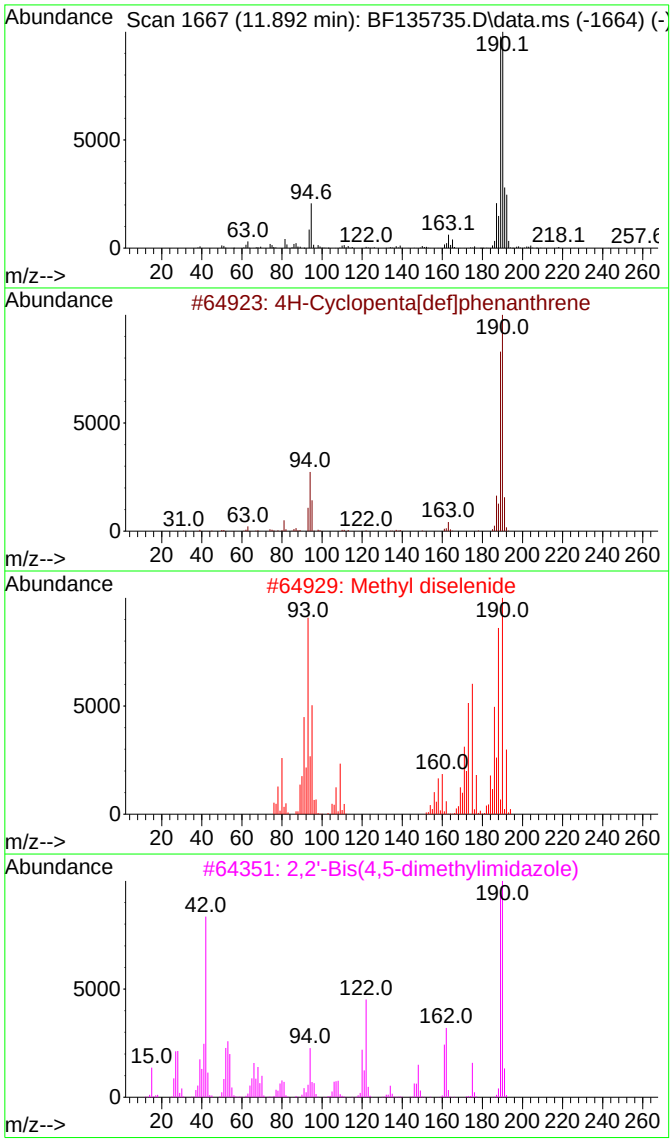
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

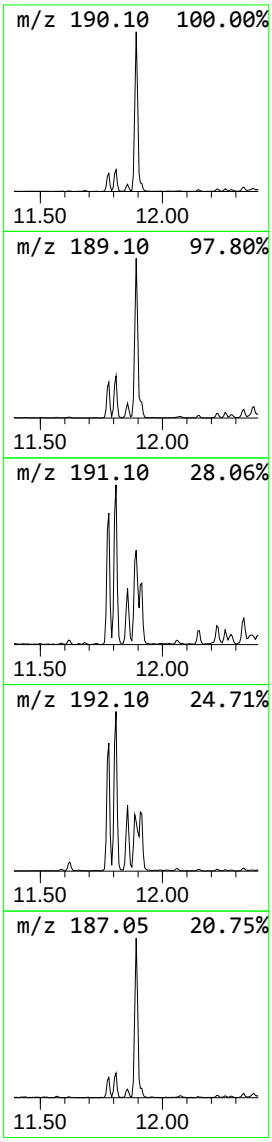
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	41.53 ng	1331670	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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TIC Library : C:\Database\NIST20.L
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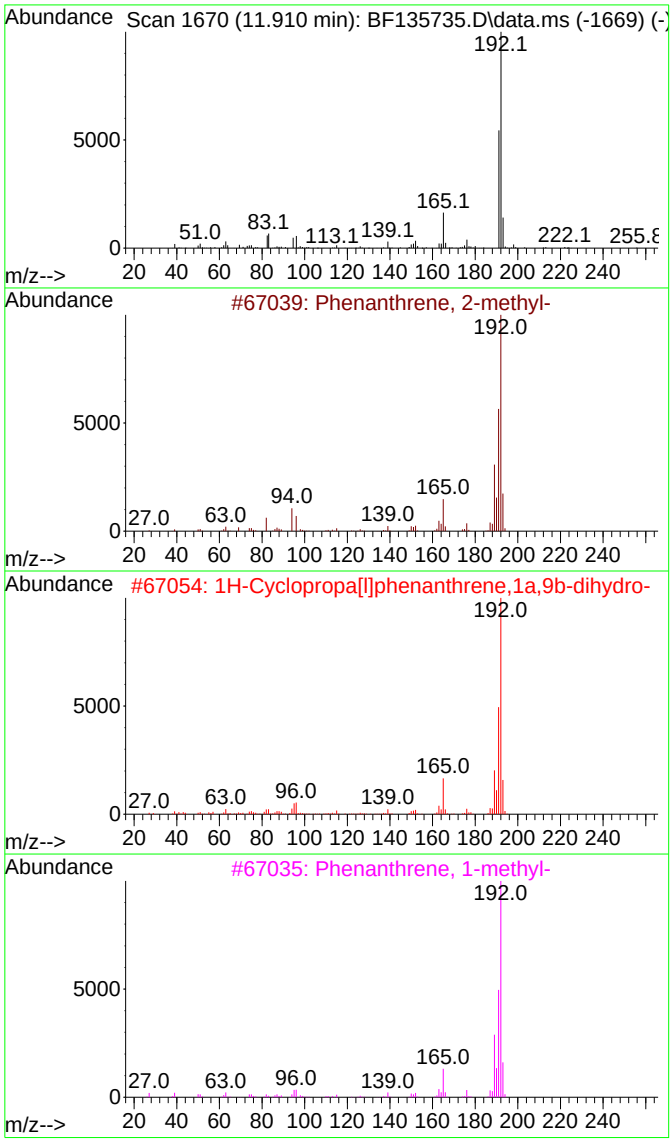
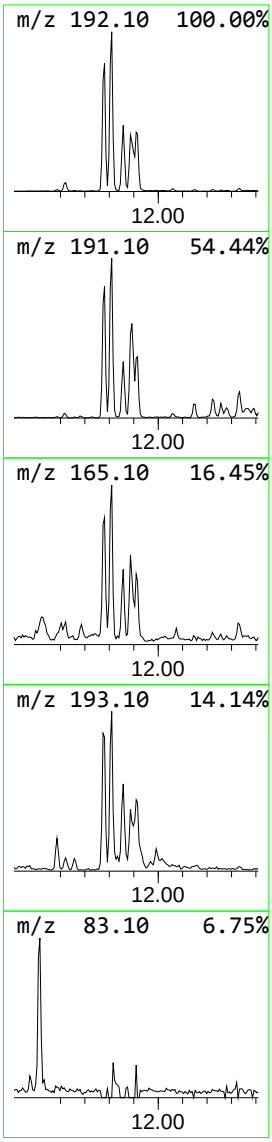
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	10.13 ng	324937	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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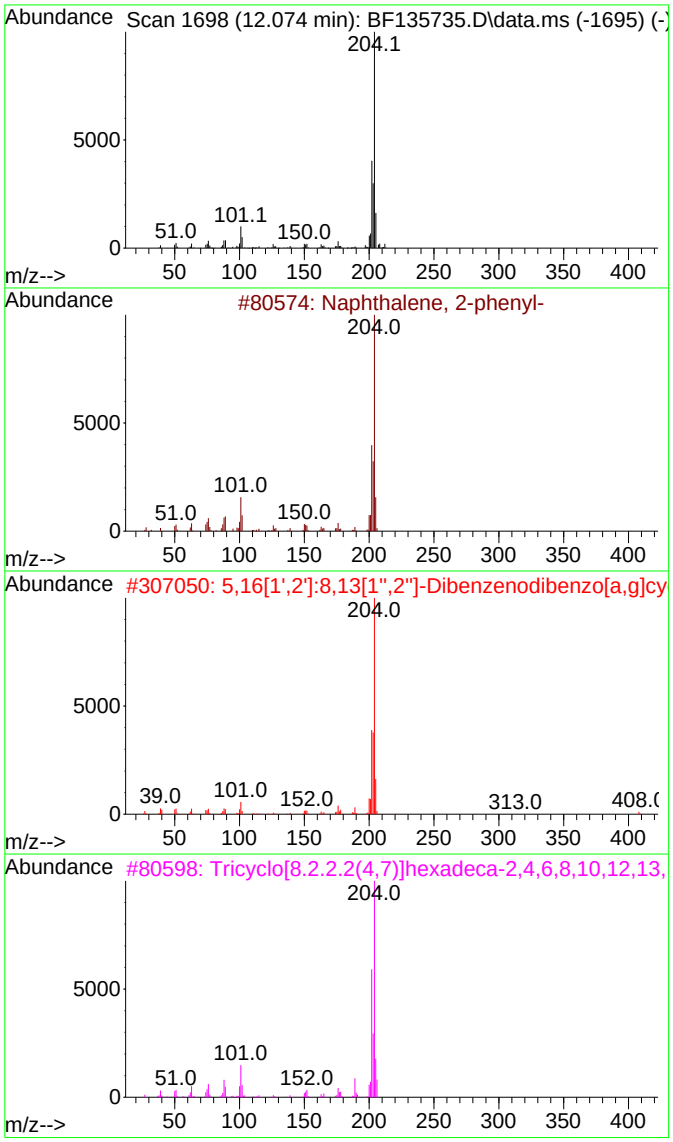
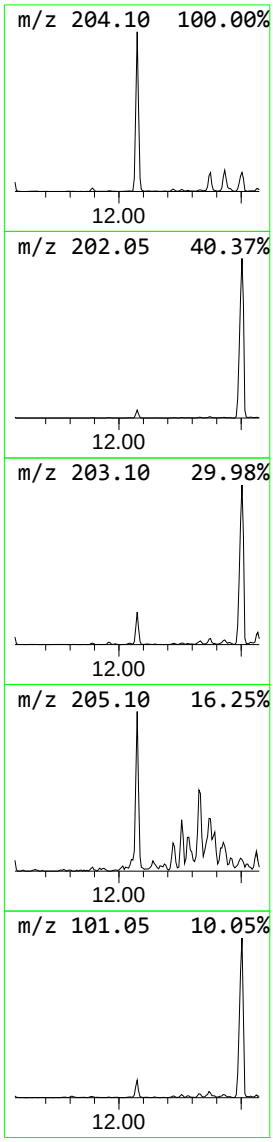
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	14.01 ng	449132	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47





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Sample : 04817-01
Misc :
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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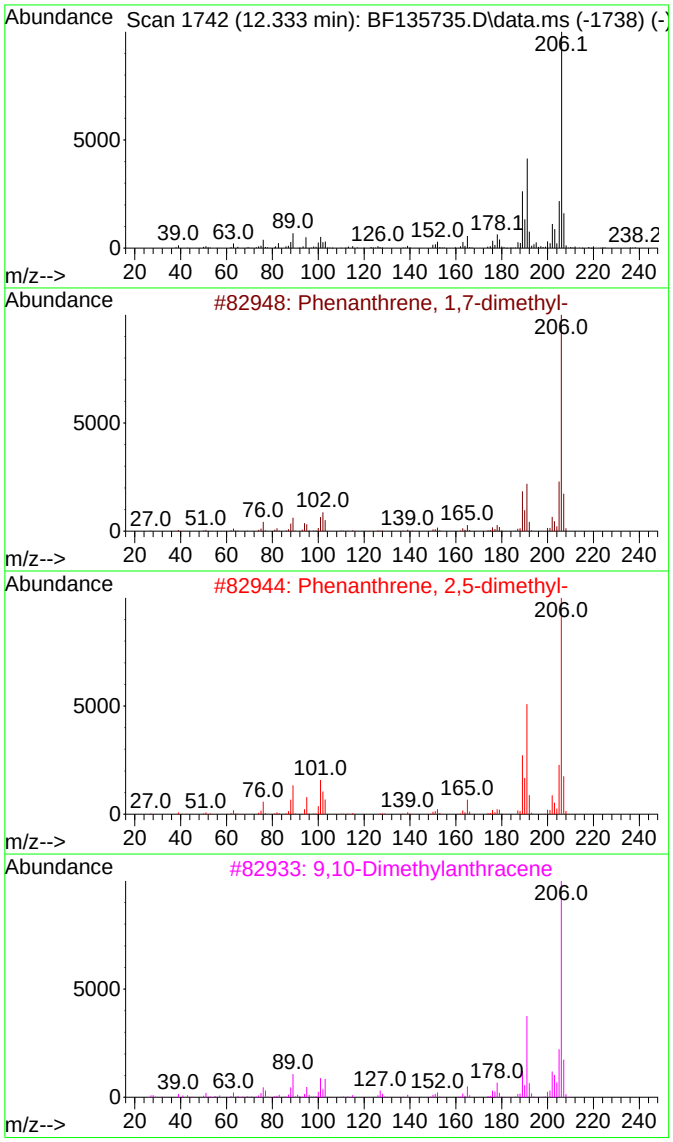
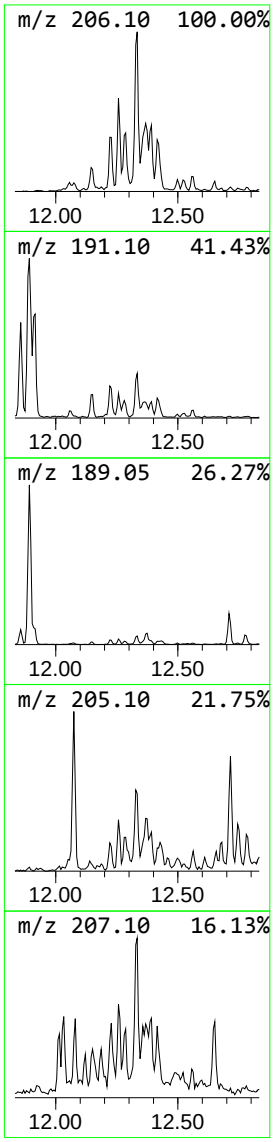
Peak Number 18 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	7.61 ng	244001	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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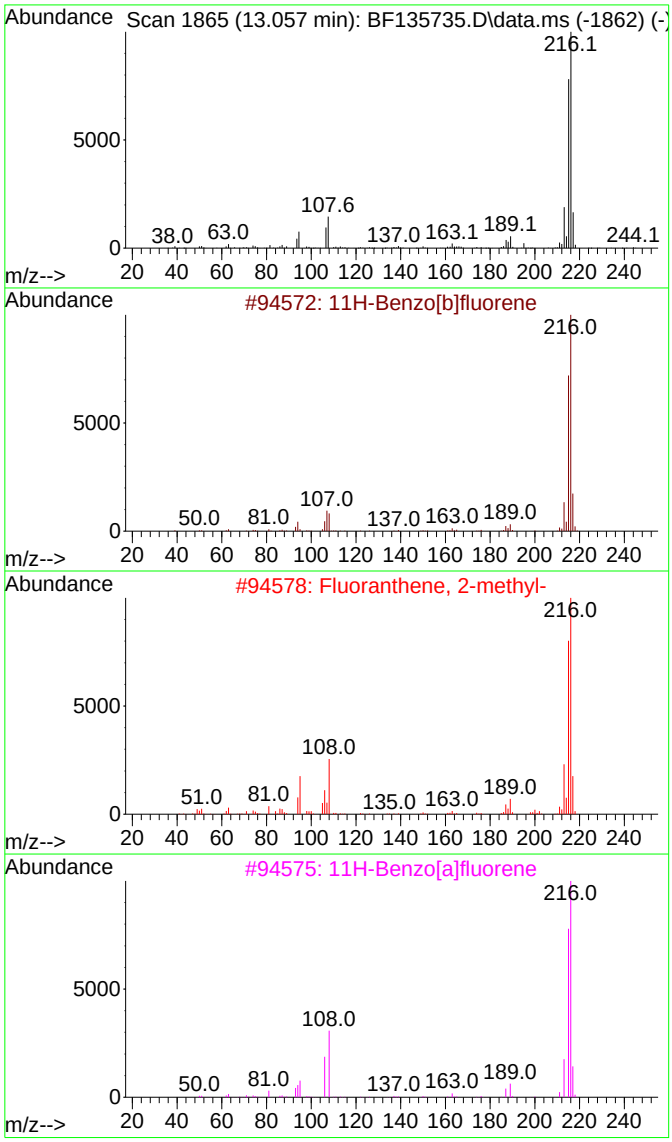
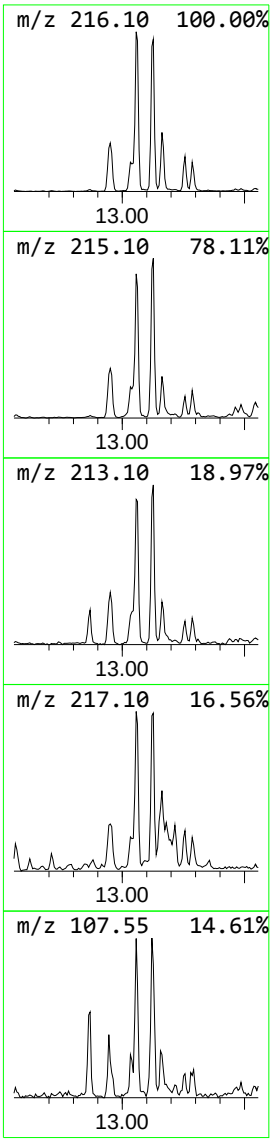
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	6.63 ng	487938	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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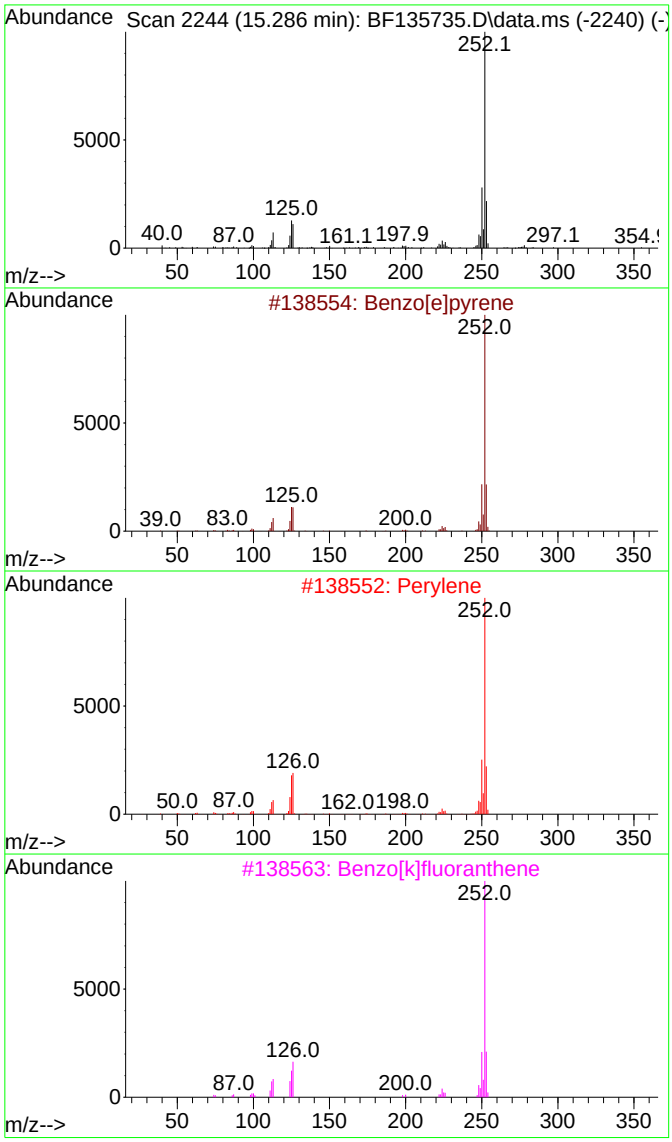
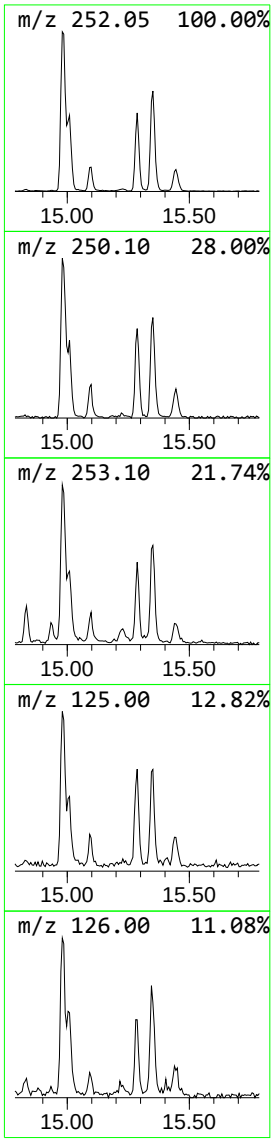
Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	7.78 ng	153627	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135735.D
Acq On : 12 Oct 2023 15:25
Operator : CG\JU
Sample : 04817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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-...	4.969	17.7	ng	531718	1	6.739	601982	20.0
Naphthalene, 2,...	9.357	10.2	ng	469323	3	9.774	919980	20.0
Naphthalene, 1,...	9.433	11.2	ng	515864	3	9.774	919980	20.0
Naphthalene, 1,...	9.551	6.6	ng	304754	3	9.774	919980	20.0
unknown10.410	10.410	8.5	ng	389706	3	9.774	919980	20.0
Dibenzofuran, 4...	10.486	12.0	ng	552432	3	9.774	919980	20.0
1(2H)-Acenaphth...	10.710	9.3	ng	299868	4	11.274	641341	20.0
9H-Fluorene, 2-...	10.880	18.3	ng	588049	4	11.274	641341	20.0
4-(4-Methylphen...	11.027	7.3	ng	235044	4	11.274	641341	20.0
3'-Methyl-[1,1'...	11.121	10.1	ng	323401	4	11.274	641341	20.0
Dibenzothiophene	11.169	21.4	ng	685678	4	11.274	641341	20.0
Phenanthrene, 2...	11.780	22.6	ng	724397	4	11.274	641341	20.0
Phenanthrene, 1...	11.810	30.8	ng	985939	4	11.274	641341	20.0
Anthracene, 1-m...	11.857	10.4	ng	333871	4	11.274	641341	20.0
4H-Cyclopenta[d...	11.892	41.5	ng	1331670	4	11.274	641341	20.0
1H-Cyclopropa[l...	11.910	10.1	ng	324937	4	11.274	641341	20.0
Naphthalene, 2-...	12.074	14.0	ng	449132	4	11.274	641341	20.0
Phenanthrene, 1...	12.333	7.6	ng	244001	4	11.274	641341	20.0
11H-Benzo[b]flu...	13.057	6.6	ng	487938	5	13.939	1470970	20.0
Benzo[e]pyrene	15.286	7.8	ng	153627	6	15.409	394910	20.0