LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-2.5-3.0

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	3	11	24	rVB	1523283	2451656	75.10%	5.218%
2	3.946	304	315	321	rBV	28842	50589	1.55%	0.108%
3	5.081	501	508	516	rVV	82700	120201	3.68%	0.256%
4	5.493	568	578	591	rBV	1153169	1552390	47.55%	3.304%
5	5.710	608	615	623	rBV3	54380	92030	2.82%	0.196%
6	6.504	744	750	760	rVB	1034632	1417218	43.41%	3.016%
7	6.698	777	783	787	rBV2	74456	113867	3.49%	0.242%
8	6.869	807	812	818	rBV	299450	392221	12.01%	0.835%
9	7.128	851	856	862	rBV2	43767	72582	2.22%	0.154%
10	7.428	899	907	919	rBV	705566	942850	28.88%	2.007%
11	7.681	945	950	953	rBV2	28809	42116	1.29%	0.090%
12	7.722	953	957	966	rVB	111811	157300	4.82%	0.335%
13	7.898	982	987	990	rBV4	31238	52865	1.62%	0.113%
14	7.945	990	995	1003	rVB4	31006	76383	2.34%	0.163%
15	8.151	1022	1030	1037	rBV2	322960	677796	20.76%	1.443%
16	8.363	1061	1066	1072	rBV	81511	106098	3.25%	0.226%
17	8.422	1072	1076	1083	rVB	87806	122532	3.75%	0.261%
18	8.734	1125	1129	1134	rVB	37222	44069	1.35%	0.094%
19	8.863	1146	1151	1157	rVB2	197204	257855	7.90%	0.549%
20	8.957	1163	1167	1172	rVV	149092	188548	5.78%	0.401%
21	9.222	1207	1212	1217	rBV	1158197	1395776	42.75%	2.971%
22	9.298	1221	1225	1227	rBV	66683	83626	2.56%	0.178%
23	9.322	1227	1229	1233	rVB	46230	50259	1.54%	0.107%
24	9.422	1242	1246	1251	rVB	46576	82584	2.53%	0.176%
25	9.487	1251	1257	1261	rBV	162678	257816	7.90%	0.549%
26	9.563	1265	1270	1272	rVV	240183	336887	10.32%	0.717%
27	9.587	1272	1274	1277	rVV	146662	175254	5.37%	0.373%
28	9.622	1277	1280	1285	rVB2	81745	123703	3.79%	0.263%
29	9.681	1285	1290	1298	rVB	127685	211018	6.46%	0.449%
30	9.763	1299	1304	1309	rBV	358047	468286	14.34%	0.997%
31	9.828	1312	1315	1319	rVB	63720	75254	2.31%	0.160%
32	9.904	1320	1328	1331	rBV2	314087	503398	15.42%	1.071%
33	9.934	1331	1333	1337	rVV2	115331	134474	4.12%	0.286%
34	10.004	1341	1345	1350	rBV	62206	91839	2.81%	0.195%
35	10.057	1350	1354	1356	rBV3	29269	46693	1.43%	0.099%
36	10.104	1357	1362	1366	rVV2	147760	202036	6.19%	0.430%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
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Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.145	1366	1369	1373	rVB	129251	152944	4.68%	0.326%
38	10.216	1377	1381	1384	rBV2	132024	188440	5.77%	0.401%
39	10.245	1384	1386	1392	rVB	95888	114039	3.49%	0.243%
40	10.328	1392	1400	1403	rBV4	150224	341966	10.47%	0.728%
41	10.451	1417	1421	1427	rVB2	266596	391721	12.00%	0.834%
42	10.516	1427	1432	1433	rBV4	42984	68367	2.09%	0.146%
43	10.610	1443	1448	1455	rVB3	170946	303942	9.31%	0.647%
44	10.692	1456	1462	1467	rBV2	634603	837115	25.64%	1.782%
45	10.810	1477	1482	1488	rVB3	218182	365034	11.18%	0.777%
46	10.892	1493	1496	1498	rBV	36368	46427	1.42%	0.099%
47	10.922	1498	1501	1505	rVB4	45102	56104	1.72%	0.119%
48	10.992	1509	1513	1517	rBV2	157934	270470	8.28%	0.576%
49	11.028	1517	1519	1522	rVB	119876	115923	3.55%	0.247%
50	11.081	1525	1528	1532	rVB	83978	95493	2.92%	0.203%
51	11.128	1532	1536	1537	rBV3	55072	69140	2.12%	0.147%
52	11.198	1544	1548	1552	rBV2	131531	172484	5.28%	0.367%
53	11.245	1552	1556	1559	rVV3	127882	186047	5.70%	0.396%
54	11.286	1559	1563	1569	rVB2	193694	287840	8.82%	0.613%
55	11.422	1577	1586	1590	rBV2	1740950	2691440	82.44%	5.728%
56	11.469	1590	1594	1597	rVV	331749	396918	12.16%	0.845%
57	11.498	1597	1599	1603	rVB2	71192	88326	2.71%	0.188%
58	11.628	1617	1621	1625	rBV2	124346	197072	6.04%	0.419%
59	11.680	1626	1630	1634	rVV2	137463	227044	6.95%	0.483%
60	11.722	1634	1637	1642	rVB2	133067	186230	5.70%	0.396%
61	11.804	1648	1651	1655	rVB	85767	113718	3.48%	0.242%
62	11.892	1662	1666	1668	rBV	529256	682036	20.89%	1.452%
63	11.922	1668	1671	1676	rVV	766763	1018440	31.20%	2.168%
64	11.969	1676	1679	1682	rVV2	185259	255852	7.84%	0.545%
65	12.010	1682	1686	1694	rVB2	707034	1492727	45.72%	3.177%
66	12.086	1695	1699	1703	rBV4	101520	160999	4.93%	0.343%
67	12.186	1713	1716	1719	rBV	215438	287859	8.82%	0.613%
68	12.216	1719	1721	1727	rVB	151825	188944	5.79%	0.402%
69	12.339	1739	1742	1744	rBV	93942	98346	3.01%	0.209%
70	12.369	1744	1747	1750	rBV	156521	175175	5.37%	0.373%
71	12.445	1755	1760	1763	rBV	549381	821689	25.17%	1.749%
72	12.480	1763	1766	1772	rVB3	308375	525984	16.11%	1.119%
73	12.533	1772	1775	1783	rVB3	251078	416439	12.76%	0.886%
74	12.616	1783	1789	1793	rBV	1724022	2351776	72.04%	5.005%
75	12.651	1793	1795	1796	rBV	52922	47887	1.47%	0.102%
76	12.704	1801	1804	1808	rVB	165149	180887	5.54%	0.385%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.845	1821	1828	1833	rBV	2173122	3264737	100.00%	6.948%
78	12.892	1833	1836	1840	rVB2	213470	264849	8.11%	0.564%
79	12.975	1846	1850	1858	rVB	1061137	1679464	51.44%	3.574%
80	13.057	1859	1864	1870	rBV4	307760	579598	17.75%	1.234%
81	13.163	1875	1882	1886	rVV	438629	906833	27.78%	1.930%
82	13.204	1886	1889	1891	rVV3	100743	146017	4.47%	0.311%
83	13.233	1891	1894	1897	rVV	276935	371485	11.38%	0.791%
84	13.269	1897	1900	1908	rVV2	403261	636287	19.49%	1.354%
85	13.363	1912	1916	1919	rVV	329741	487643	14.94%	1.038%
86	13.392	1919	1921	1930	rVB2	343939	506802	15.52%	1.079%
87	13.545	1944	1947	1948	rBV3	94675	104638	3.21%	0.223%
88	13.786	1983	1988	1991	rBV3	233681	451374	13.83%	0.961%
89	13.839	1995	1997	2001	rVV2	96627	136327	4.18%	0.290%
90	14.033	2024	2030	2033	rBV2	1063901	1868948	57.25%	3.978%
91	14.063	2033	2035	2042	rVB	859249	1147377	35.14%	2.442%
92	14.186	2053	2056	2065	rVB8	158547	292726	8.97%	0.623%
93	14.421	2093	2096	2100	rVV	236474	284882	8.73%	0.606%
94	14.457	2100	2102	2105	rVB	130233	120128	3.68%	0.256%
95	15.086	2204	2209	2217	rBV	575325	1272324	38.97%	2.708%
96	15.392	2256	2261	2266	rVB	351564	555942	17.03%	1.183%
97	15.457	2267	2272	2277	rVB	528702	799309	24.48%	1.701%
98	15.516	2278	2282	2285	rBV	175365	280721	8.60%	0.597%
99	16.998	2528	2534	2541	rVB2	234008	480934	14.73%	1.024%
100	17.451	2605	2611	2627	rVB	219416	507340	15.54%	1.080%

Sum of corrected areas: 46986038

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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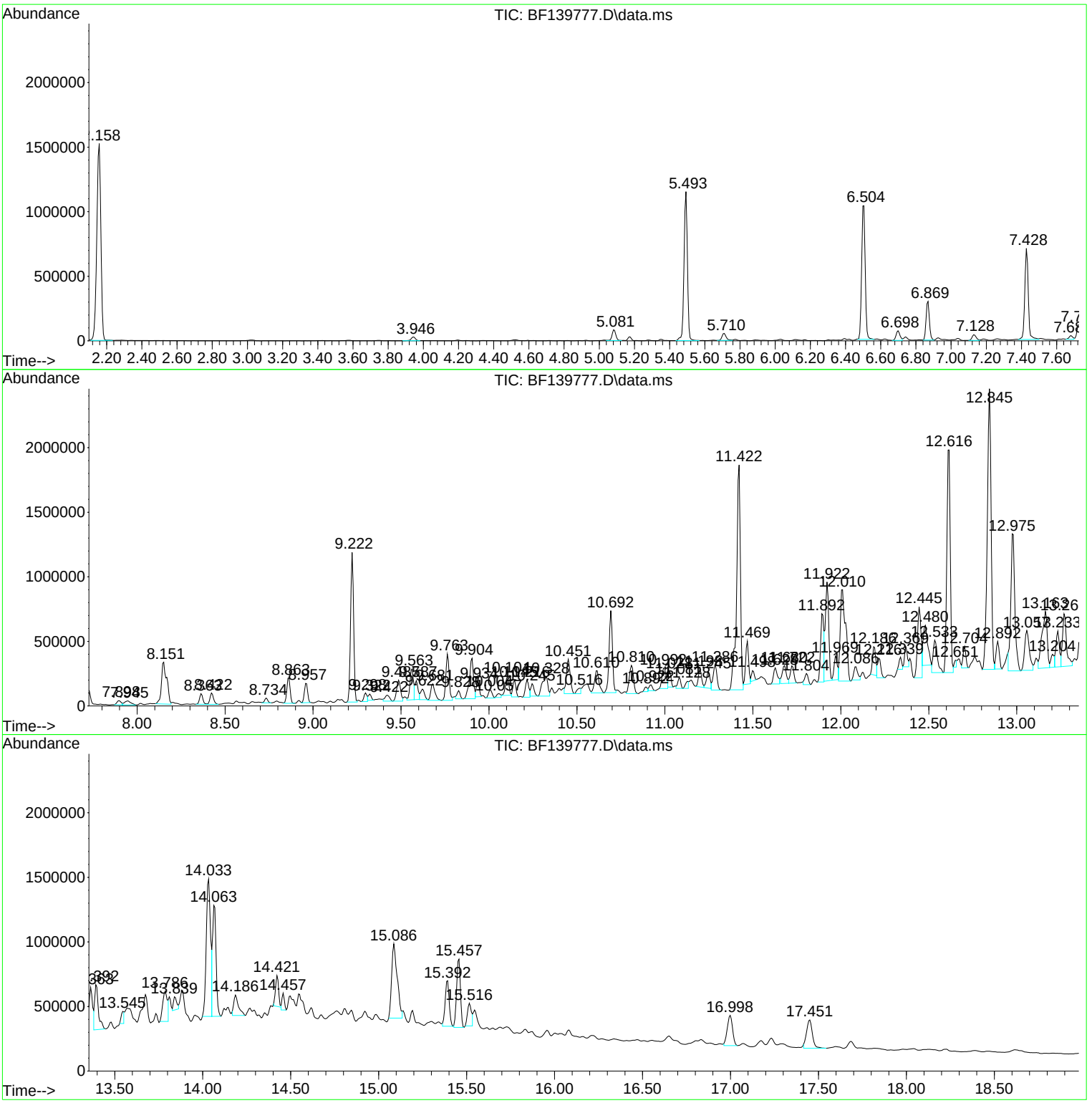
Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
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Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

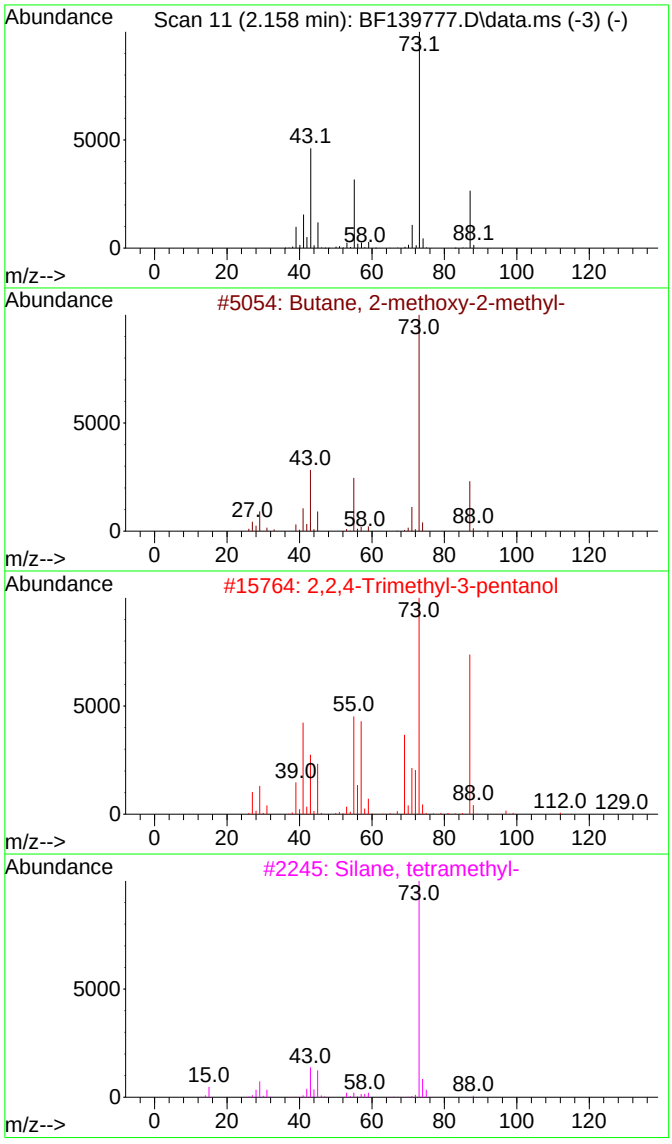
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

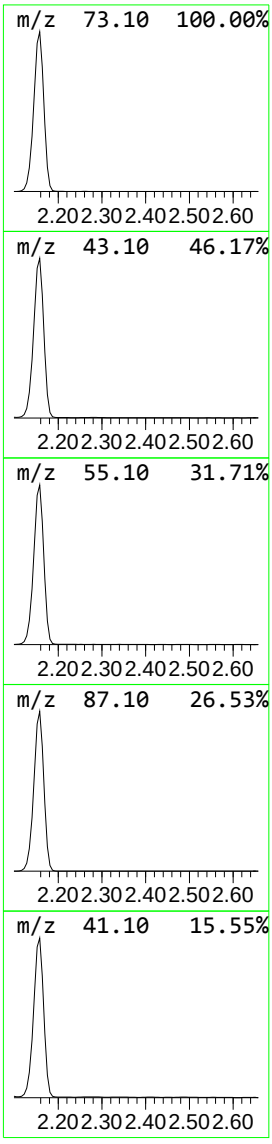
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	125.01 ng	2451660	1,4-Dichlorobenzene-d4	6.869

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	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

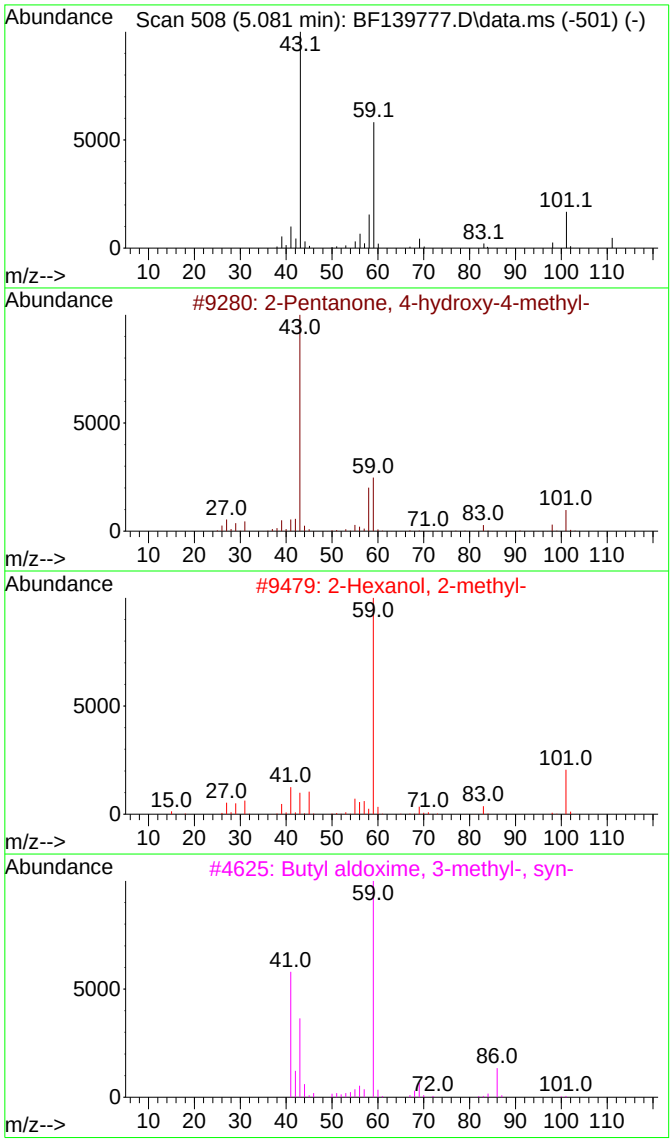
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

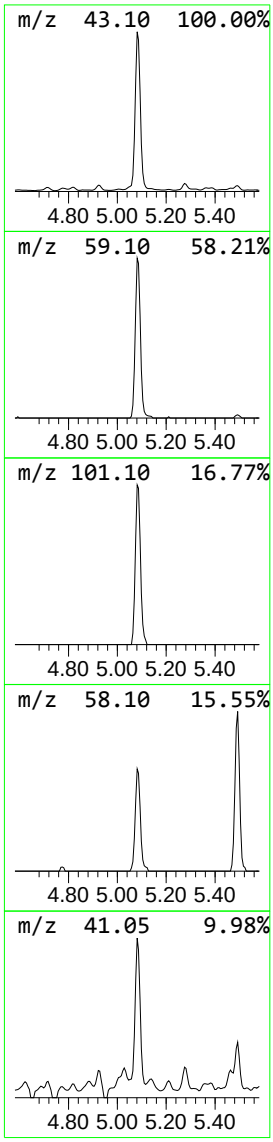
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	6.13 ng	120201	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	Diacetamide	101	C4H7NO2	000625-77-4	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

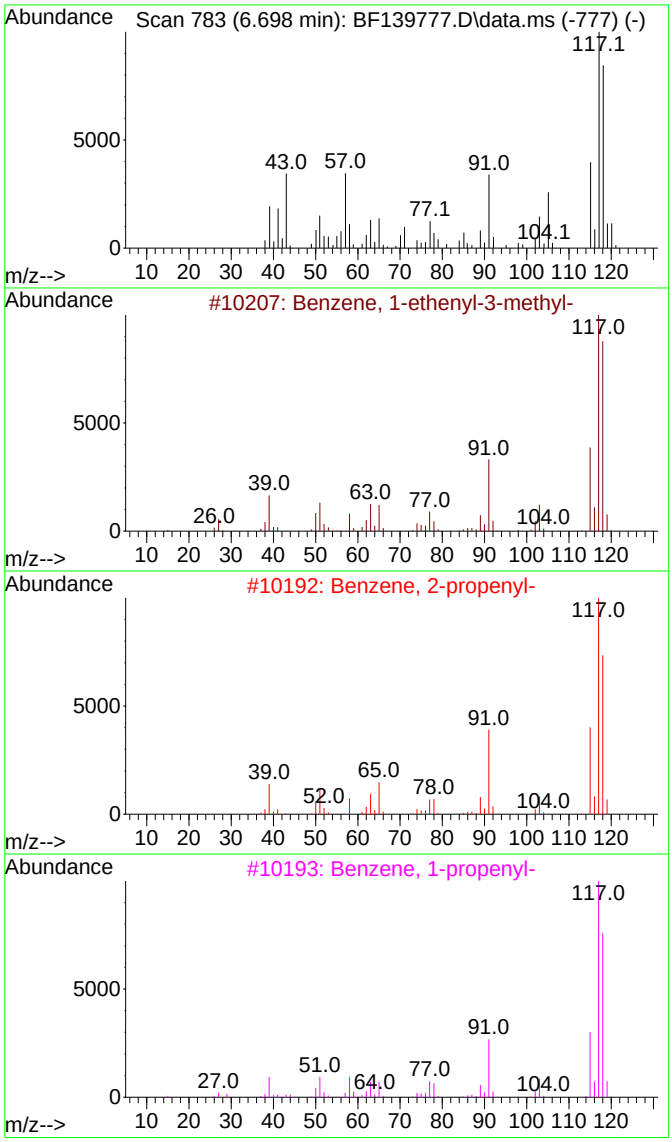
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

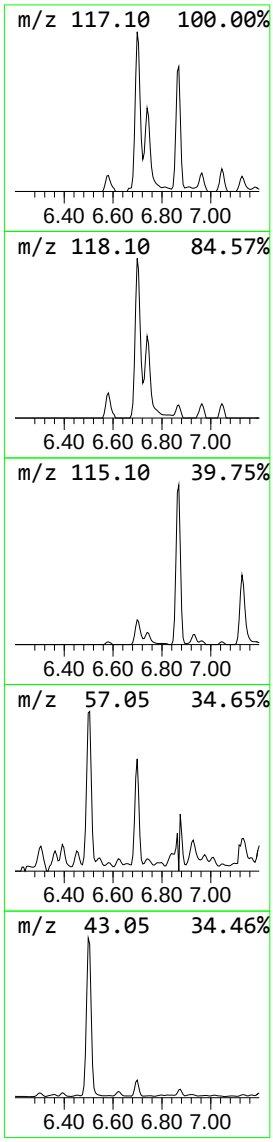
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	5.81 ng	113867	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

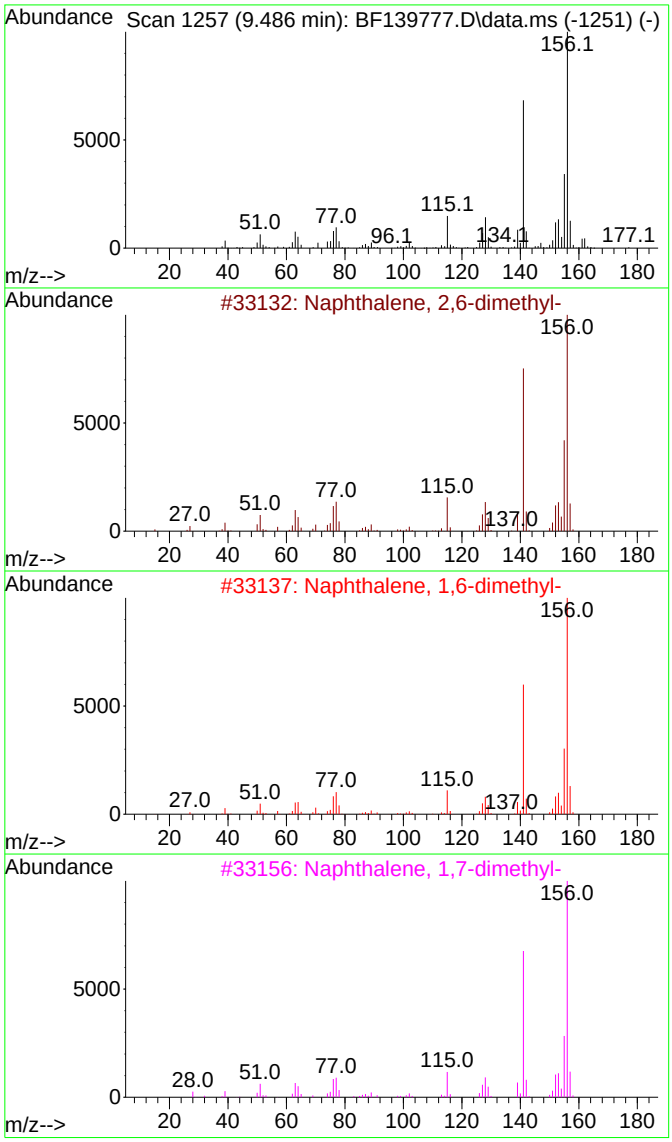
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

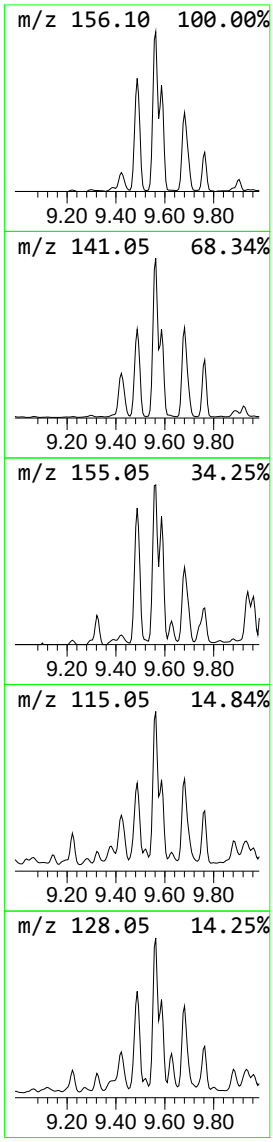
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	10.24 ng	257816	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

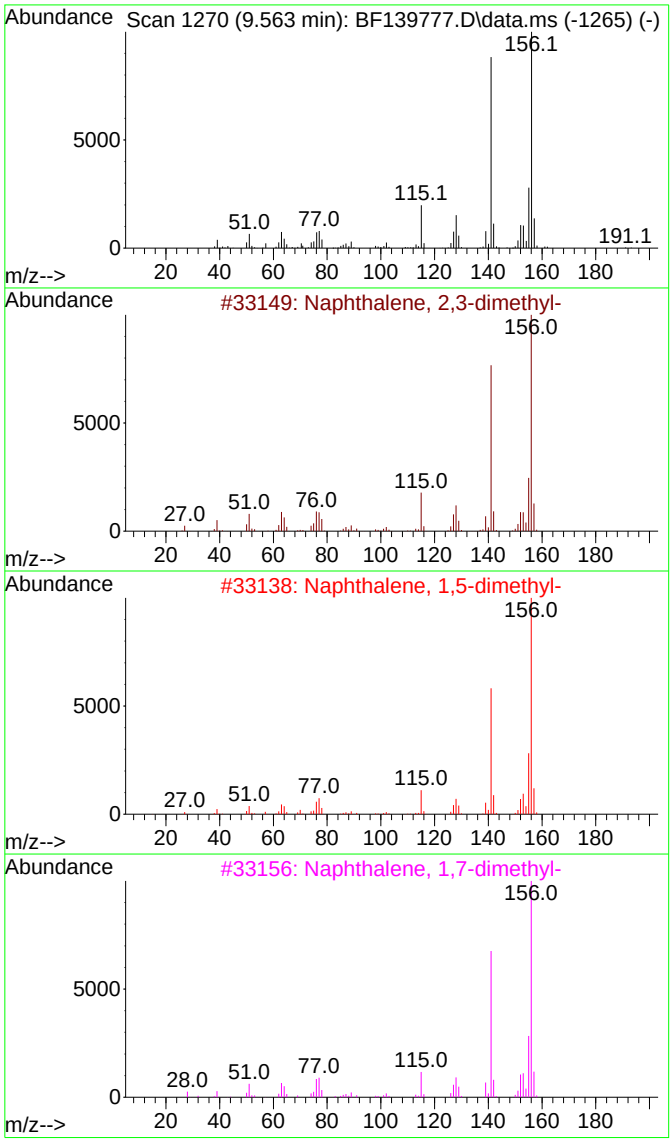
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

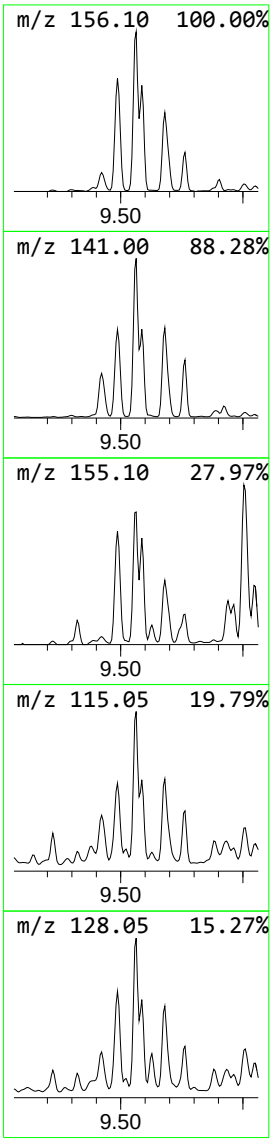
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	13.38 ng	336887	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : RC/JU
Sample : P4364-02
Misc :
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ClientSampleId :
SB-01-2.5-3.0

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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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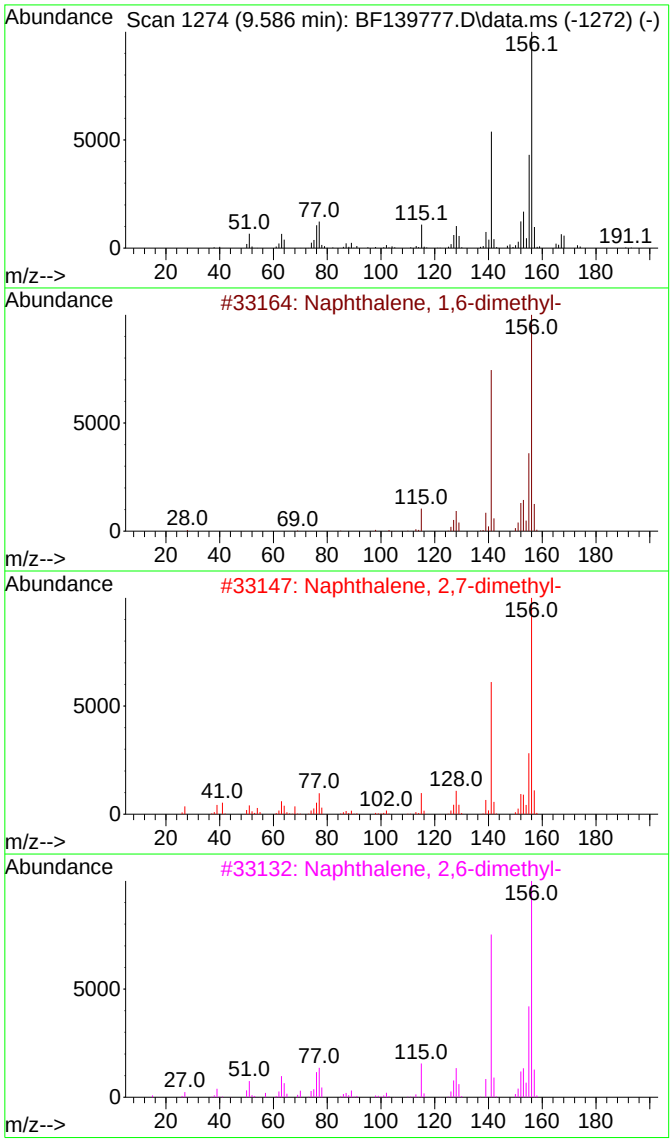
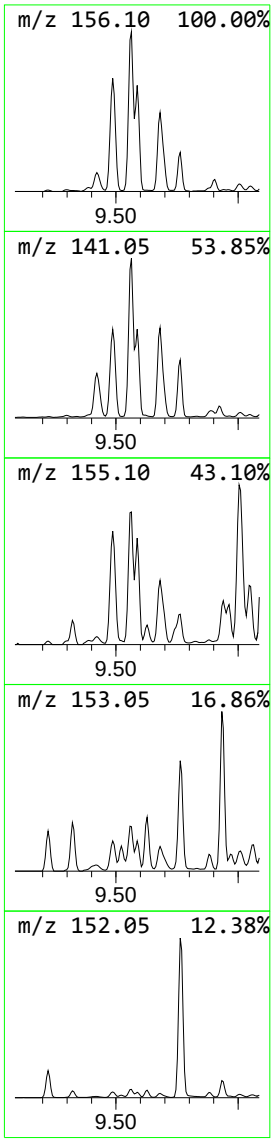
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	6.96 ng	175254	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76





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Misc :
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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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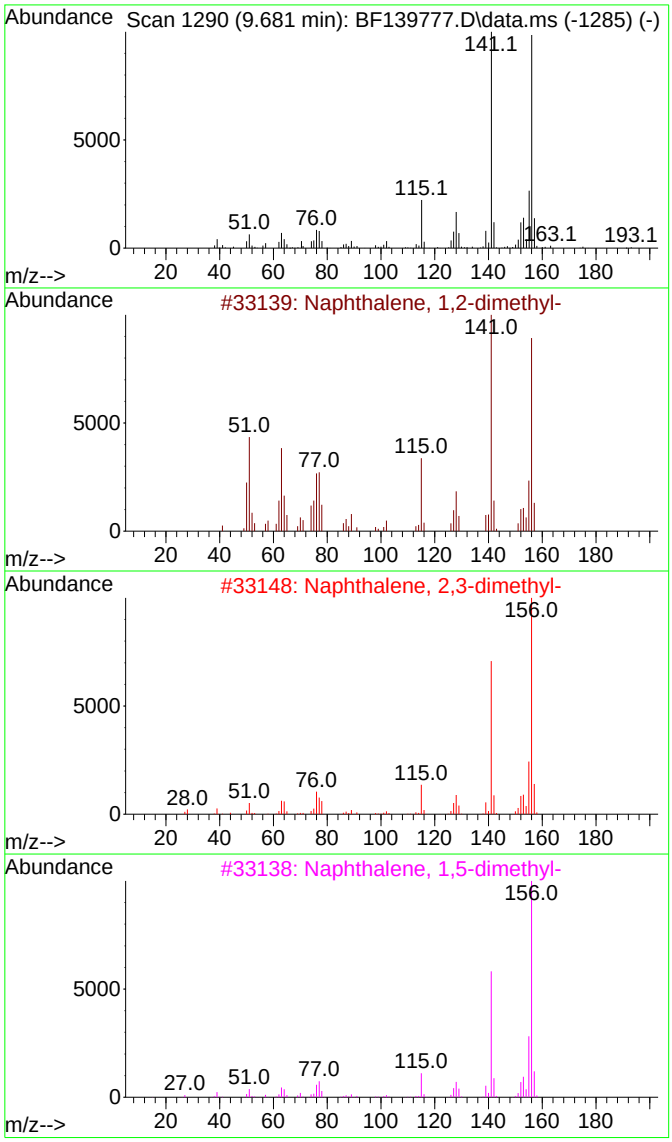
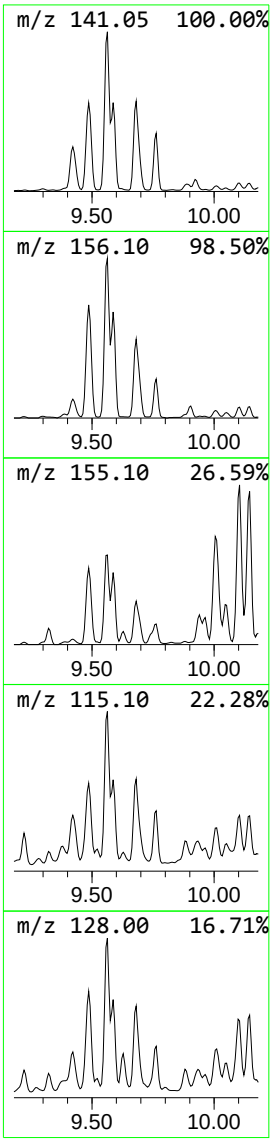
Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	8.38 ng	211018	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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

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

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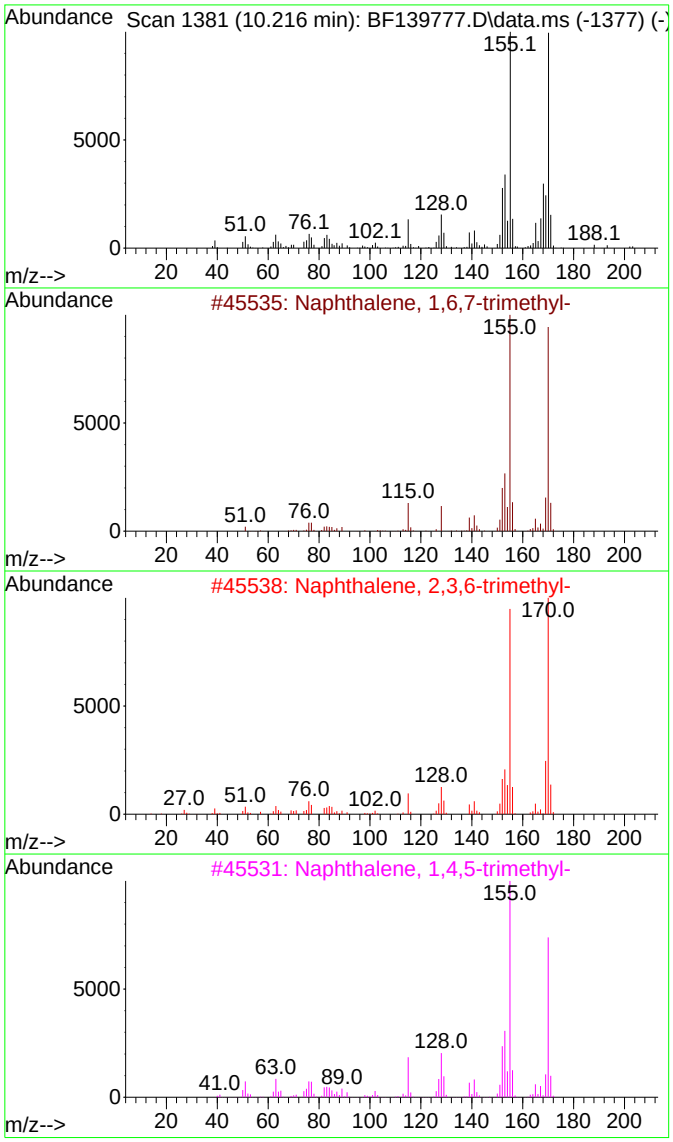
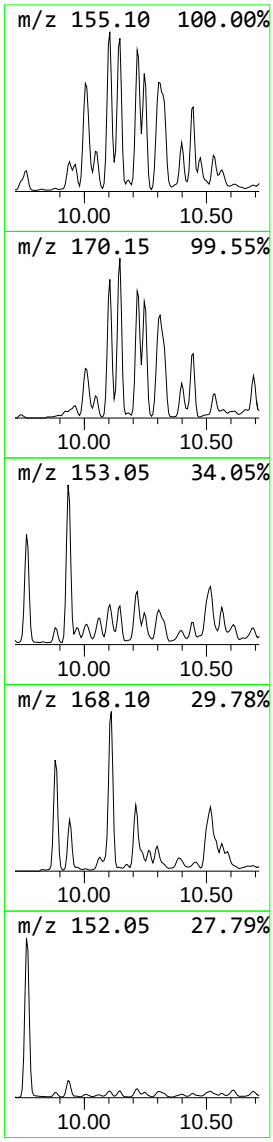
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	7.49 ng	188440	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	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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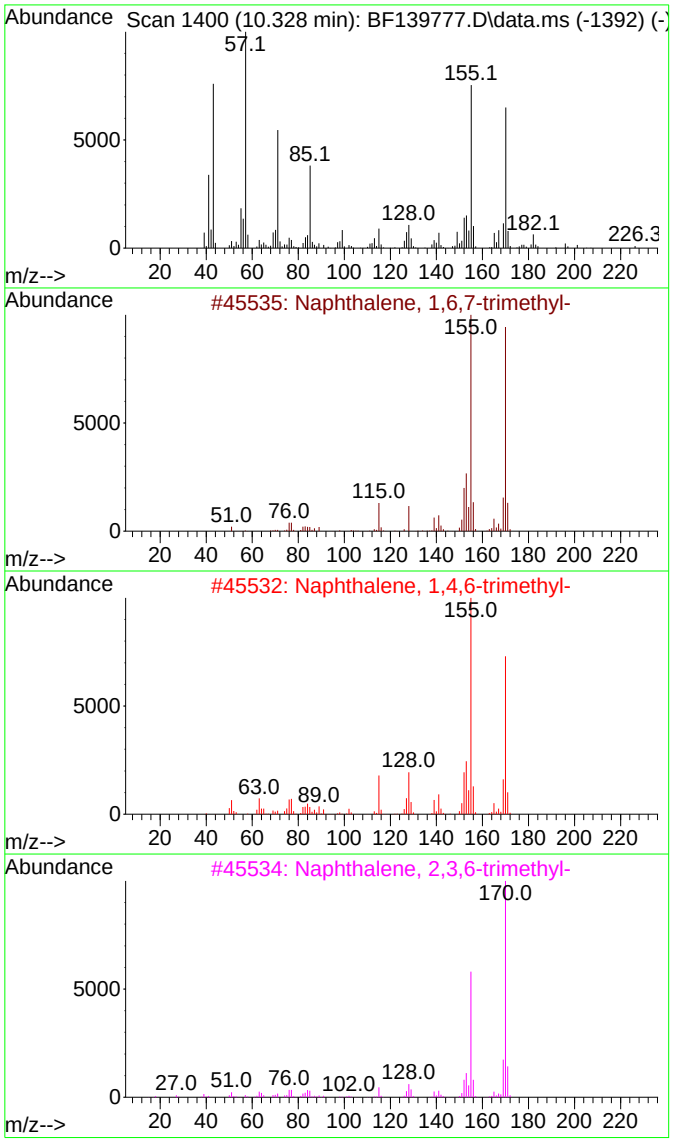
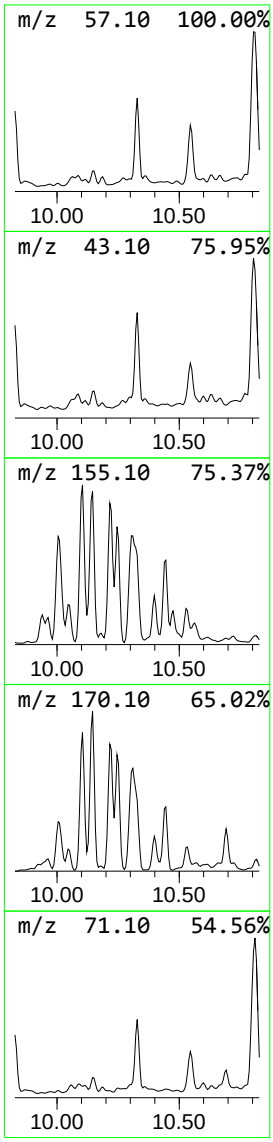
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	13.59 ng	341966	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62





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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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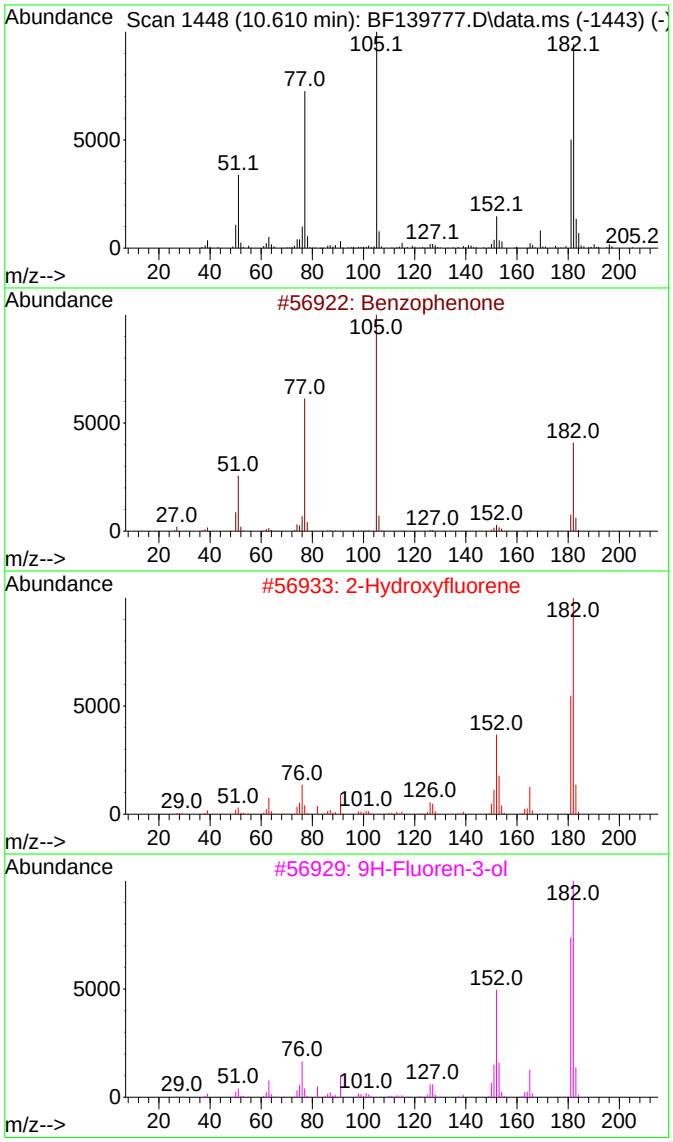
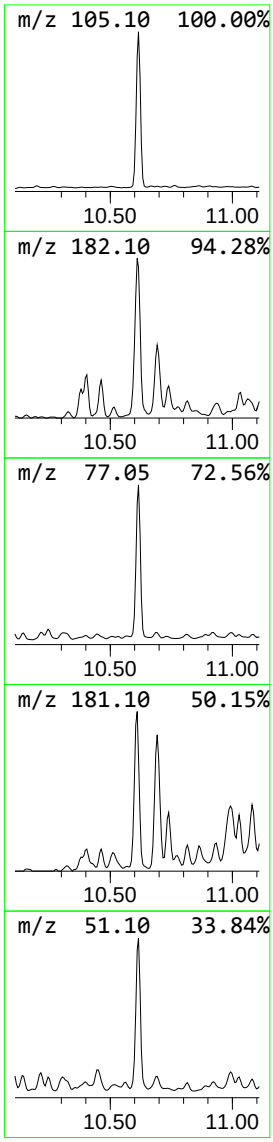
Peak Number 10 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	12.08 ng	303942	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	53
4	Azobenzene	182	C12H10N2	000103-33-3	38
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.07 ng	682036	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
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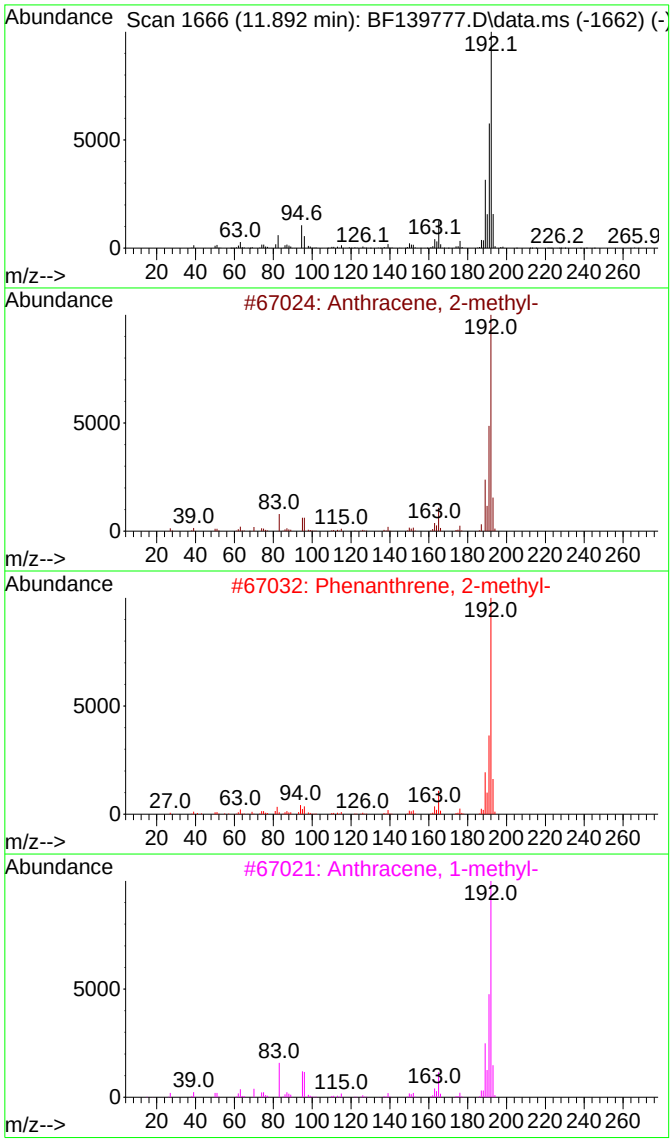

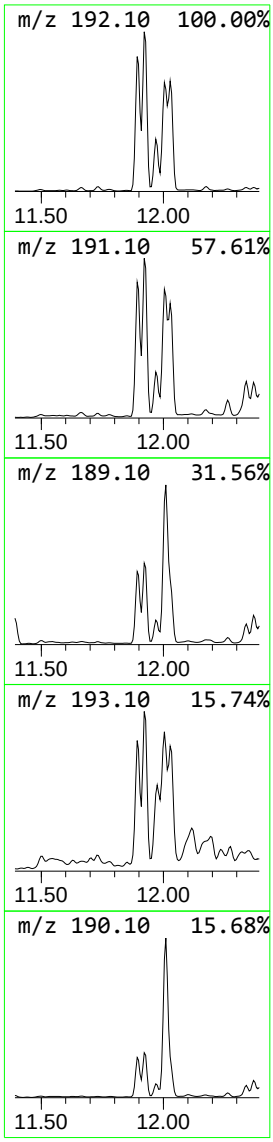

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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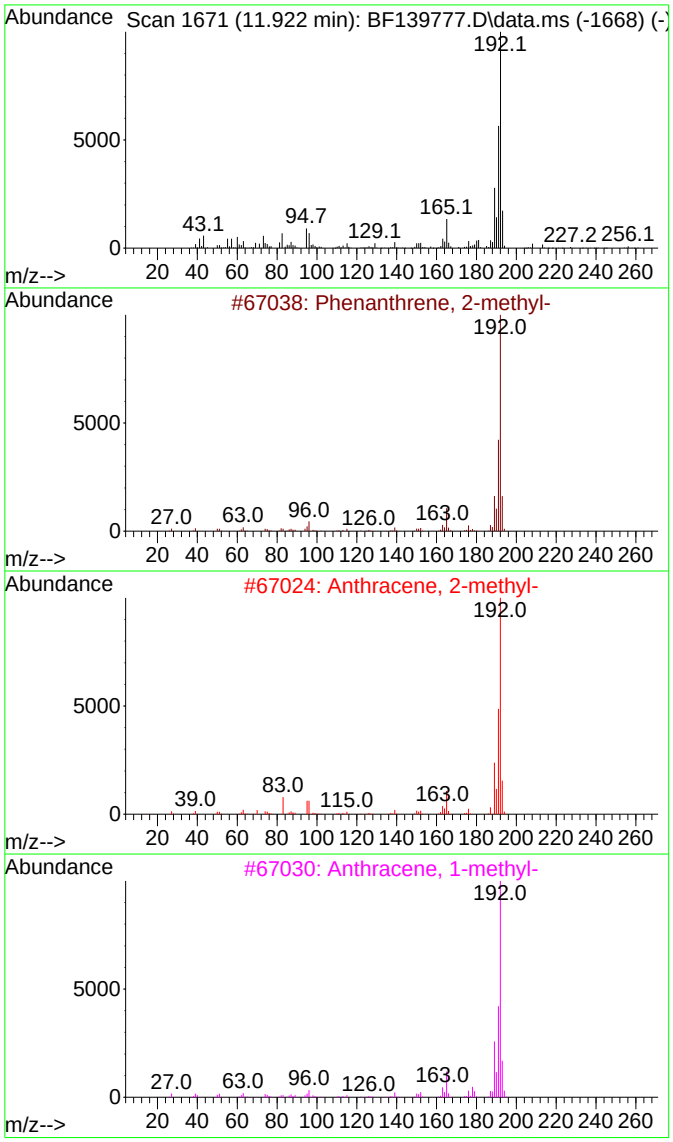
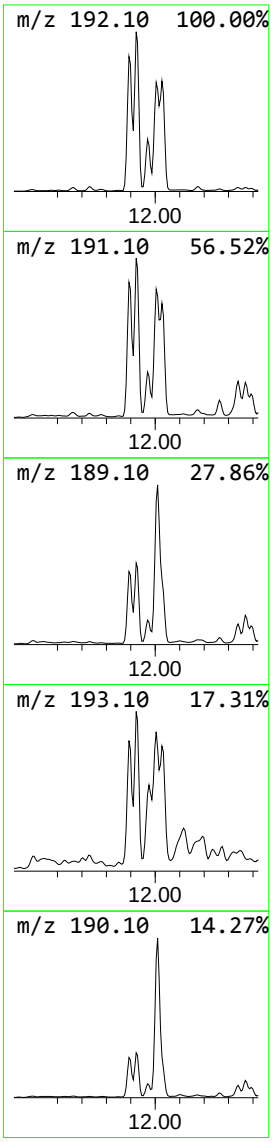
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	7.57 ng	1018440	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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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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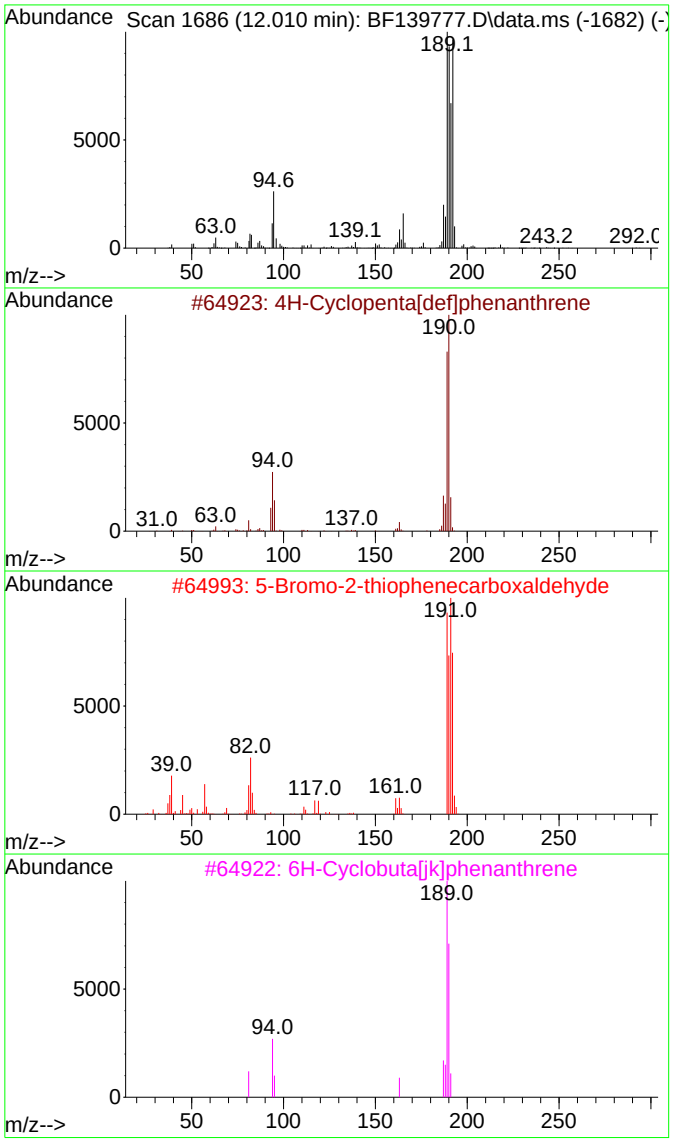
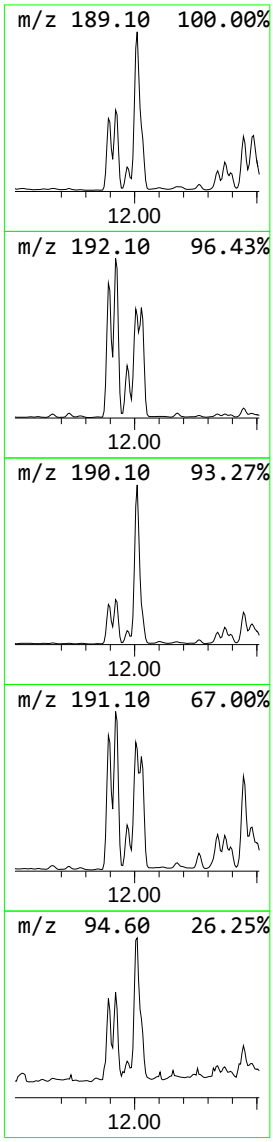
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	11.09 ng	1492730	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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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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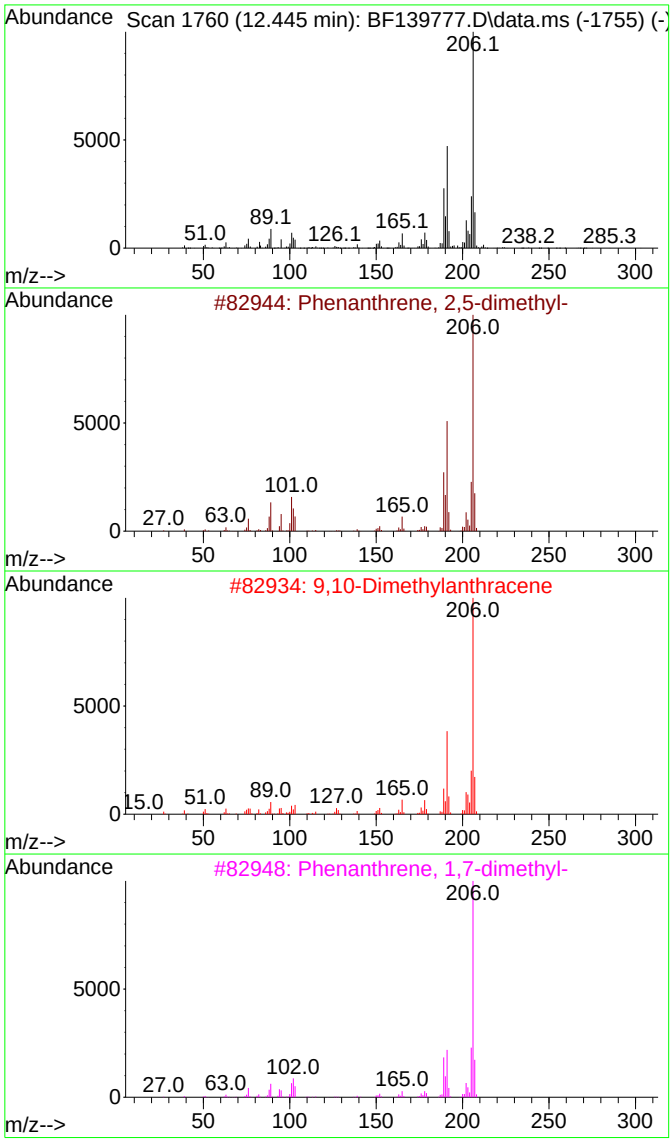
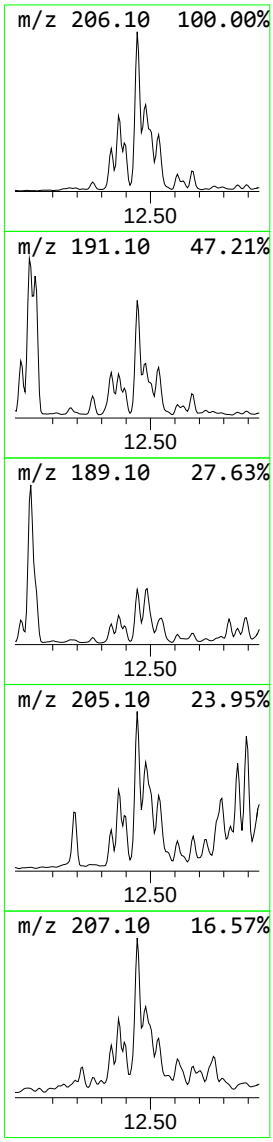
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	6.11 ng	821689	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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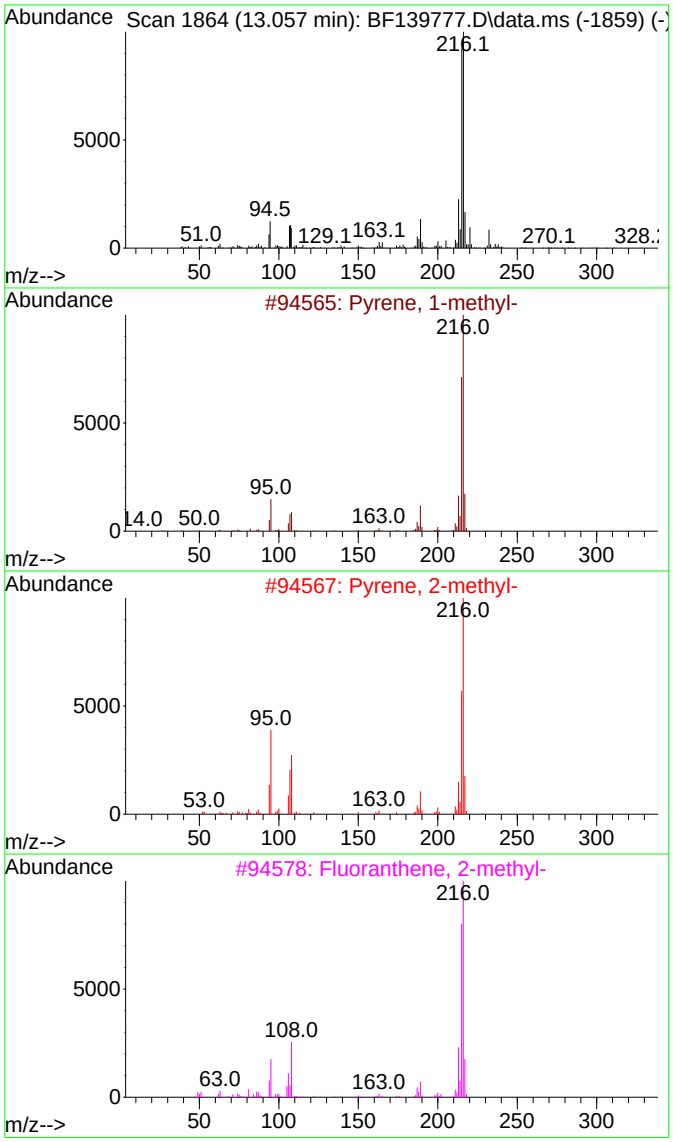
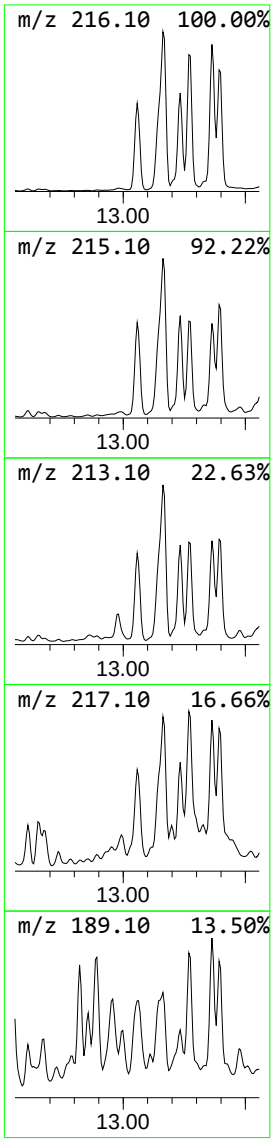
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	6.20 ng	579598	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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

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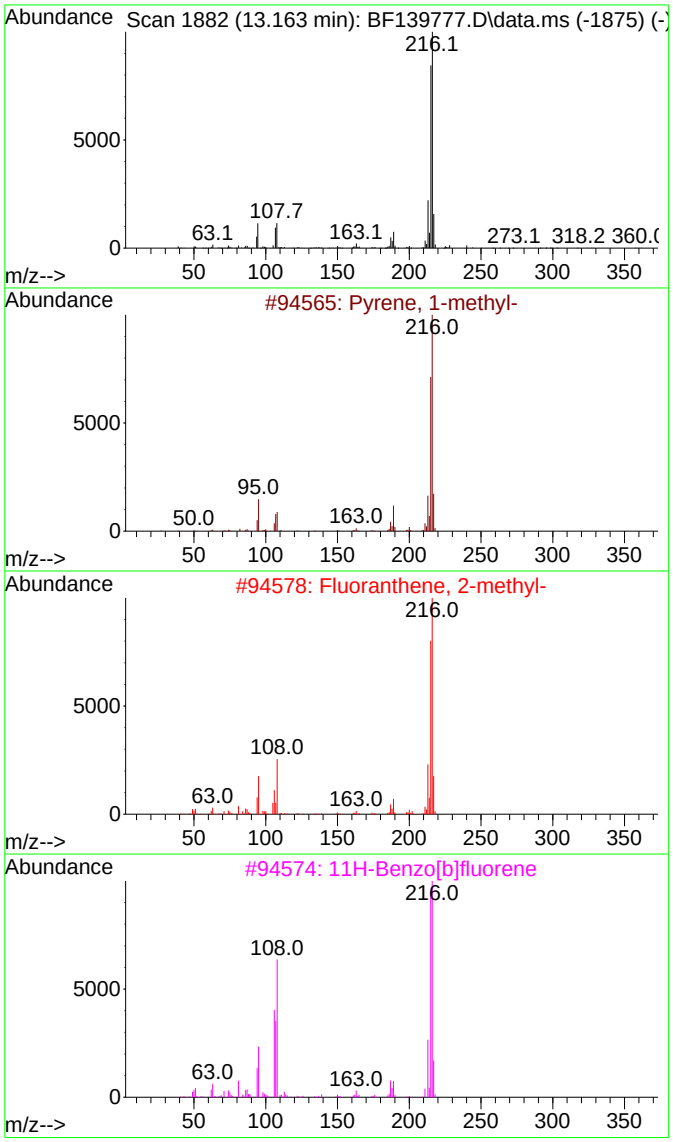
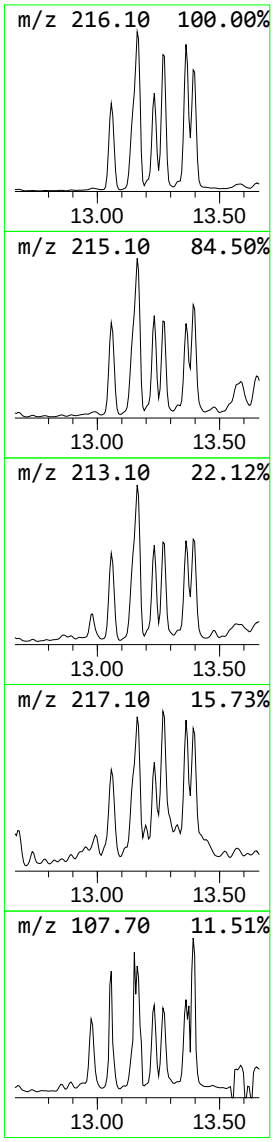
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	9.70 ng	906833	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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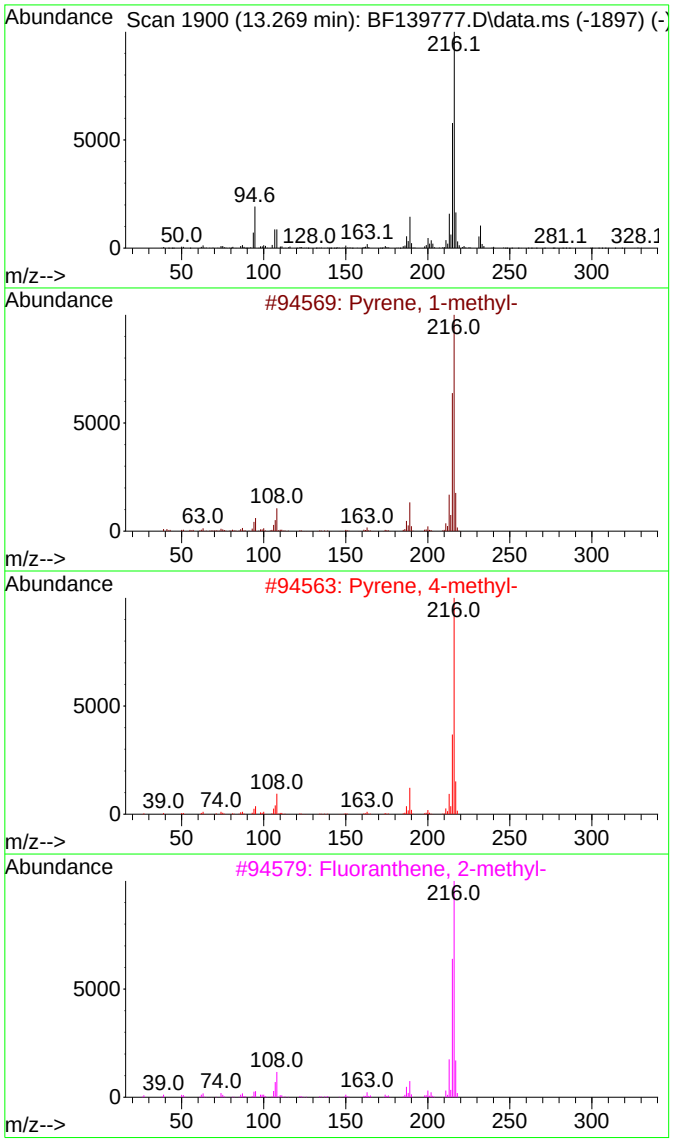
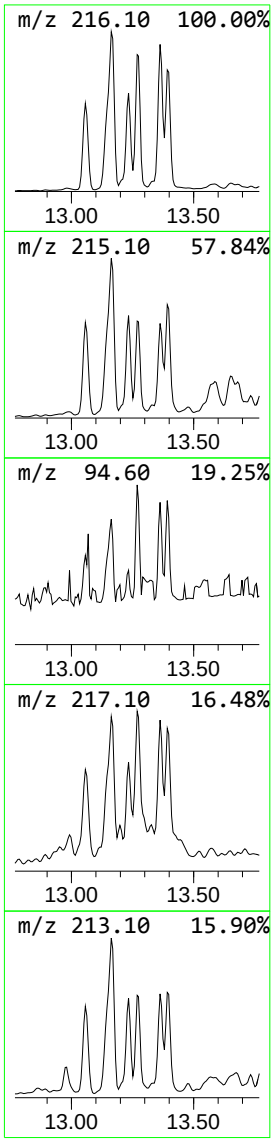
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	6.81 ng	636287	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
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	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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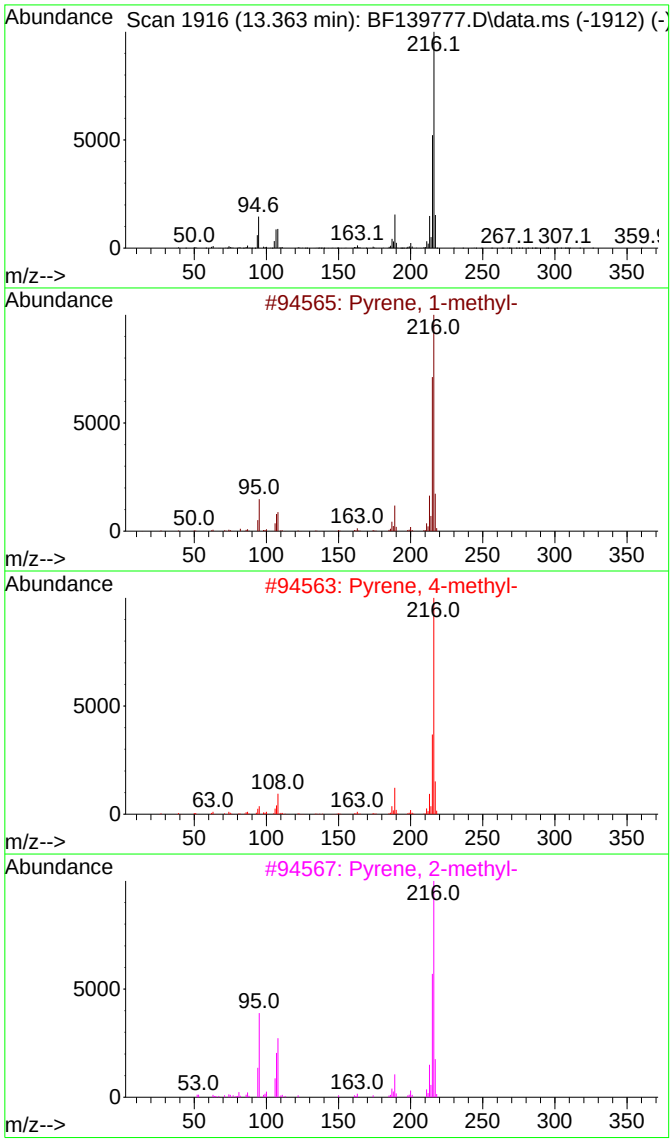
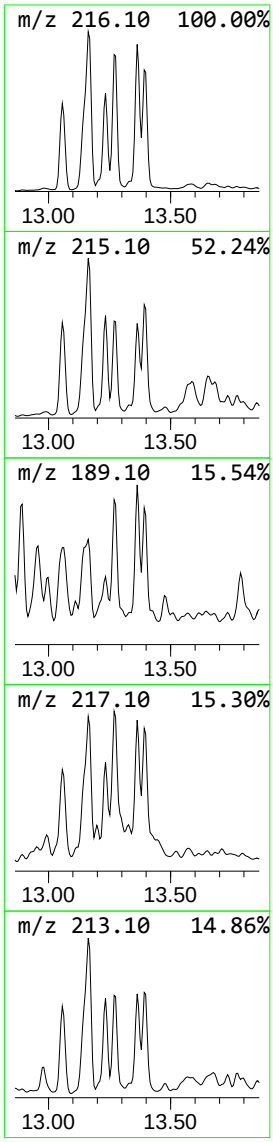
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	5.22 ng	487643	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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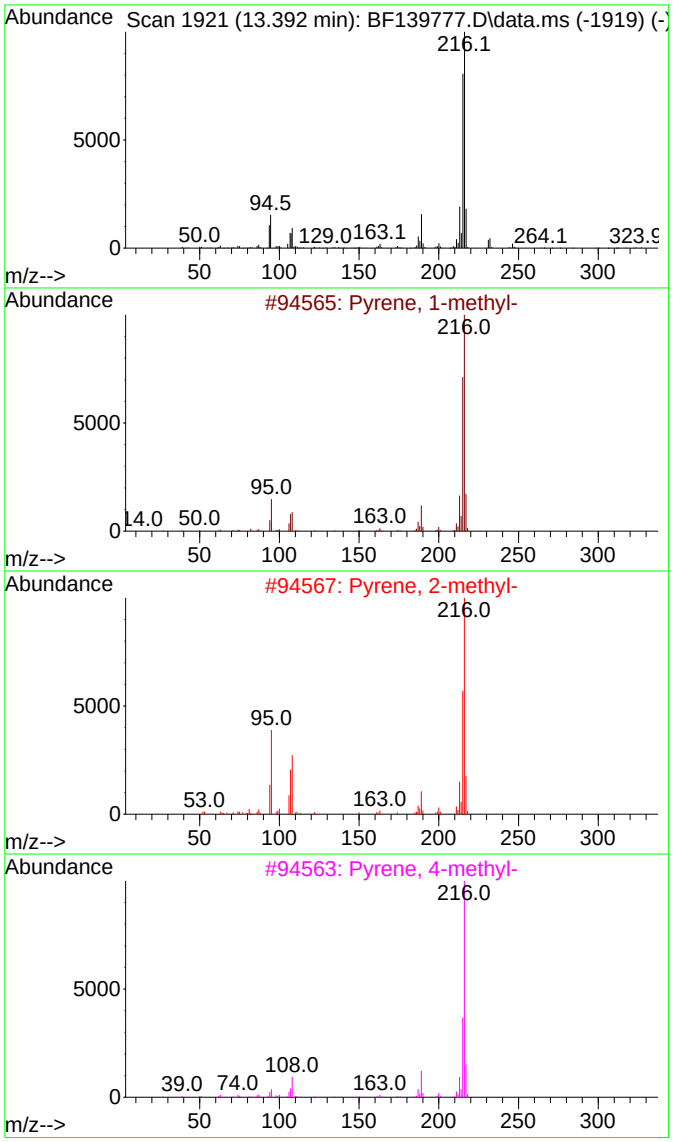
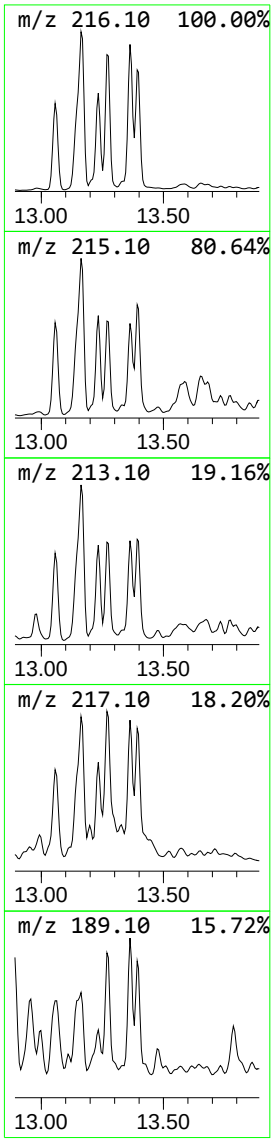
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	5.42 ng	506802	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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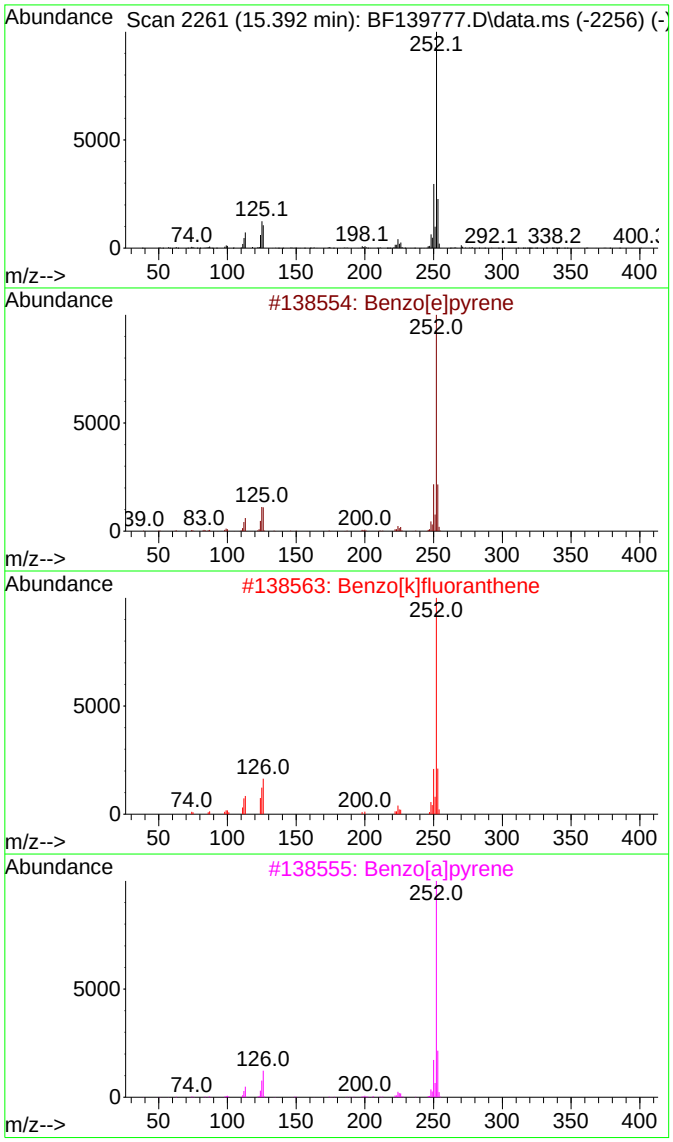
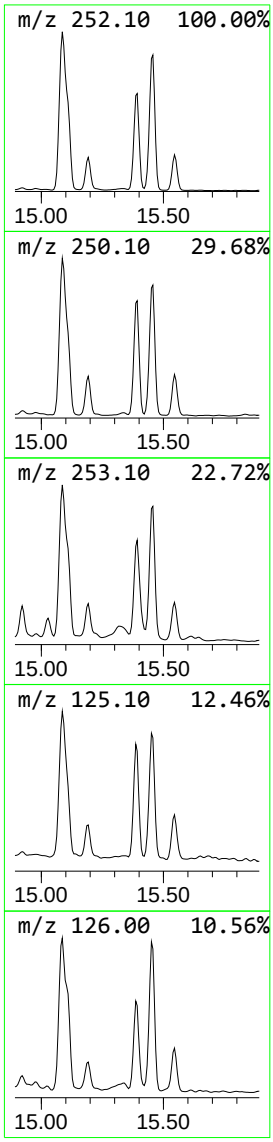
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	39.61 ng	555942	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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...	2.158	125.0	ng	2451660	1	6.869	392221	20.0
2-Pentanone, 4-...	5.081	6.1	ng	120201	1	6.869	392221	20.0
Benzene, 1-ethe...	6.698	5.8	ng	113867	1	6.869	392221	20.0
Naphthalene, 2,...	9.486	10.2	ng	257816	3	9.904	503398	20.0
Naphthalene, 2,...	9.563	13.4	ng	336887	3	9.904	503398	20.0
Naphthalene, 1,...	9.586	7.0	ng	175254	3	9.904	503398	20.0
Naphthalene, 1,...	9.681	8.4	ng	211018	3	9.904	503398	20.0
Naphthalene, 1,...	10.216	7.5	ng	188440	3	9.904	503398	20.0
Naphthalene, 1,...	10.328	13.6	ng	341966	3	9.904	503398	20.0
Benzophenone	10.610	12.1	ng	303942	3	9.904	503398	20.0
Anthracene, 2-m...	11.892	5.1	ng	682036	4	11.392	2691440	20.0
Phenanthrene, 2...	11.922	7.6	ng	1018440	4	11.392	2691440	20.0
4H-Cyclopenta[d...	12.010	11.1	ng	1492730	4	11.392	2691440	20.0
Phenanthrene, 2...	12.445	6.1	ng	821689	4	11.392	2691440	20.0
Pyrene, 1-methyl-	13.057	6.2	ng	579598	5	14.039	1868950	20.0
Fluoranthene, 2...	13.163	9.7	ng	906833	5	14.039	1868950	20.0
Pyrene, 4-methyl-	13.269	6.8	ng	636287	5	14.039	1868950	20.0
Pyrene, 2-methyl-	13.363	5.2	ng	487643	5	14.039	1868950	20.0
11H-Benzo[b]flu...	13.392	5.4	ng	506802	5	14.039	1868950	20.0
Benzo[e]pyrene	15.392	39.6	ng	555942	6	15.515	280721	20.0