LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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: BF139776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	23	rVB	1243289	1893764	96.83%	6.995%
2	5.075	503	507	516	rVB	64874	92984	4.75%	0.343%
3	5.487	572	577	593	rVB	875802	1176037	60.13%	4.344%
4	5.704	610	614	622	rBV3	24719	44485	2.27%	0.164%
5	5.816	629	633	640	rVB	16214	24514	1.25%	0.091%
6	6.504	744	750	761	rBV	818825	1107947	56.65%	4.093%
7	6.698	778	783	788	rBV3	43359	75415	3.86%	0.279%
8	6.740	788	790	799	rVB	18192	29184	1.49%	0.108%
9	6.869	807	812	818	rVB	340031	423727	21.66%	1.565%
10	7.134	851	857	862	rBV2	24109	41075	2.10%	0.152%
11	7.428	899	907	914	rBV	574879	735419	37.60%	2.717%
12	7.681	945	950	953	rBV	23446	35120	1.80%	0.130%
13	7.722	953	957	972	rVB	101832	158079	8.08%	0.584%
14	7.898	982	987	990	rBV3	15891	25079	1.28%	0.093%
15	7.951	990	996	1004	rVB	21581	43376	2.22%	0.160%
16	8.145	1018	1029	1037	rBV2	366402	571165	29.20%	2.110%
17	8.239	1041	1045	1055	rVB	39519	59657	3.05%	0.220%
18	8.363	1062	1066	1072	rVV	84324	105185	5.38%	0.389%
19	8.422	1072	1076	1084	rVB	97043	129180	6.60%	0.477%
20	8.734	1122	1129	1135	rBV	19104	27302	1.40%	0.101%
21	8.857	1145	1150	1157	rVB2	64372	82861	4.24%	0.306%
22	8.922	1157	1161	1164	rBV	21564	27405	1.40%	0.101%
23	8.957	1164	1167	1171	rBV	36156	43157	2.21%	0.159%
24	9.034	1175	1180	1182	rBV	15400	22211	1.14%	0.082%
25	9.139	1194	1198	1205	rBV2	21906	34058	1.74%	0.126%
26	9.222	1206	1212	1217	rBV	905857	1120007	57.26%	4.137%
27	9.298	1221	1225	1228	rBV	27723	35867	1.83%	0.132%
28	9.486	1251	1257	1260	rBV2	18549	32350	1.65%	0.119%
29	9.557	1265	1269	1272	rBV	26036	36803	1.88%	0.136%
30	9.622	1276	1280	1285	rVB2	24318	38964	1.99%	0.144%
31	9.675	1285	1289	1299	rBV2	12921	27276	1.39%	0.101%
32	9.763	1300	1304	1308	rBV	87351	107535	5.50%	0.397%
33	9.828	1312	1315	1319	rVB2	20651	24667	1.26%	0.091%
34	9.904	1320	1328	1331	rBV	356238	492543	25.18%	1.819%
35	9.933	1331	1333	1337	rVB	58614	62532	3.20%	0.231%
36	10.063	1350	1355	1357	rBV3	15377	25130	1.28%	0.093%

LSC Area Percent Report

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Sample : P4364-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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	10.104	1358	1362	1366	rVB2	40971	52177	2.67%	0.193%
38	10.216	1377	1381	1384	rBV3	18884	30593	1.56%	0.113%
39	10.322	1392	1399	1403	rBV3	44883	93450	4.78%	0.345%
40	10.451	1417	1421	1426	rVB	59712	87153	4.46%	0.322%
41	10.539	1433	1436	1443	rVB4	15843	34597	1.77%	0.128%
42	10.610	1443	1448	1455	rVB2	109676	161804	8.27%	0.598%
43	10.692	1457	1462	1476	rVV	505094	672316	34.37%	2.483%
44	10.810	1476	1482	1488	rVB4	60147	112688	5.76%	0.416%
45	10.992	1510	1513	1516	rBV3	18989	25006	1.28%	0.092%
46	11.122	1531	1535	1537	rBV2	24894	36302	1.86%	0.134%
47	11.198	1544	1548	1551	rBV	49733	63137	3.23%	0.233%
48	11.245	1552	1556	1559	rVV2	45690	67630	3.46%	0.250%
49	11.286	1559	1563	1569	rVB2	53922	80677	4.12%	0.298%
50	11.392	1576	1581	1582	rBV	375788	466039	23.83%	1.722%
51	11.416	1582	1585	1589	rVV	700375	860291	43.99%	3.178%
52	11.463	1589	1593	1597	rVV	163222	202313	10.34%	0.747%
53	11.622	1615	1620	1625	rBV2	79429	129287	6.61%	0.478%
54	11.680	1626	1630	1634	rVV2	43219	73804	3.77%	0.273%
55	11.722	1634	1637	1642	rVB2	34051	47968	2.45%	0.177%
56	11.892	1662	1666	1667	rBV	119345	137546	7.03%	0.508%
57	11.916	1667	1670	1673	rVV2	282177	402087	20.56%	1.485%
58	11.945	1673	1675	1681	rVV2	171725	288337	14.74%	1.065%
59	12.004	1681	1685	1693	rVB	205531	402312	20.57%	1.486%
60	12.080	1694	1698	1700	rBV2	39629	60274	3.08%	0.223%
61	12.116	1700	1704	1709	rVV	89254	141607	7.24%	0.523%
62	12.186	1712	1716	1719	rVV	84845	119050	6.09%	0.440%
63	12.216	1719	1721	1724	rVB	61865	61113	3.12%	0.226%
64	12.439	1755	1759	1762	rBV	113958	173429	8.87%	0.641%
65	12.527	1771	1774	1780	rVB	90140	126751	6.48%	0.468%
66	12.610	1783	1788	1792	rBV	1270428	1638574	83.78%	6.053%
67	12.698	1800	1803	1806	rBV	49939	51619	2.64%	0.191%
68	12.839	1820	1827	1832	rBV	1222178	1851783	94.68%	6.840%
69	12.886	1832	1835	1839	rVB2	83723	111613	5.71%	0.412%
70	12.974	1843	1850	1857	rVB	896434	1339984	68.51%	4.950%
71	13.051	1858	1863	1871	rBV4	136493	294126	15.04%	1.086%
72	13.157	1875	1881	1885	rVB2	159940	335615	17.16%	1.240%
73	13.227	1891	1893	1896	rBV	51892	46083	2.36%	0.170%
74	13.263	1896	1899	1903	rBV2	143069	178169	9.11%	0.658%
75	13.357	1912	1915	1918	rBV	94148	116121	5.94%	0.429%
76	13.392	1918	1921	1929	rVB3	100181	147385	7.54%	0.544%

LSC Area Percent Report

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Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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

77	13.669	1965	1968	1975	rVB	142463	202871	10.37%	0.749%
78	13.780	1983	1987	1990	rBV2	138566	218930	11.19%	0.809%
79	13.880	2001	2004	2012	rVB2	190190	288636	14.76%	1.066%
80	14.027	2022	2029	2033	rBV3	904832	1955840	100.00%	7.225%
81	14.063	2033	2035	2042	rVB	621334	702617	35.92%	2.595%
82	14.421	2093	2096	2099	rVB	122810	137451	7.03%	0.508%
83	15.086	2203	2209	2216	rBV	500985	1148924	58.74%	4.244%
84	15.386	2256	2260	2266	rVB	277391	423590	21.66%	1.565%
85	15.451	2266	2271	2276	rVB	401742	600316	30.69%	2.218%
86	15.510	2277	2281	2285	rBV	210098	365590	18.69%	1.350%
87	16.992	2528	2533	2541	rVB2	186242	377378	19.29%	1.394%
88	17.439	2604	2609	2620	rVB	148454	316418	16.18%	1.169%

Sum of corrected areas: 27071431

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
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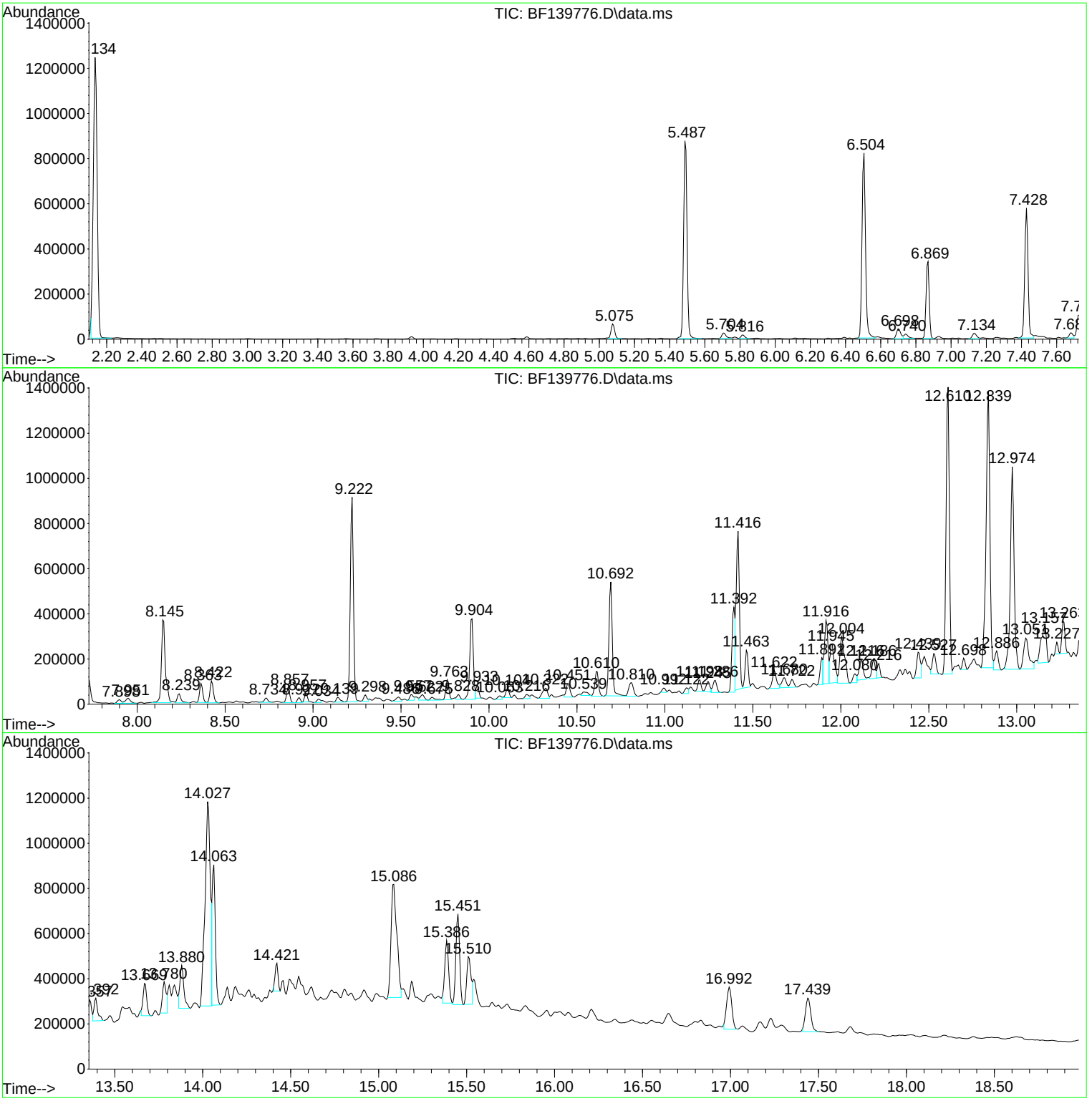
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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 : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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

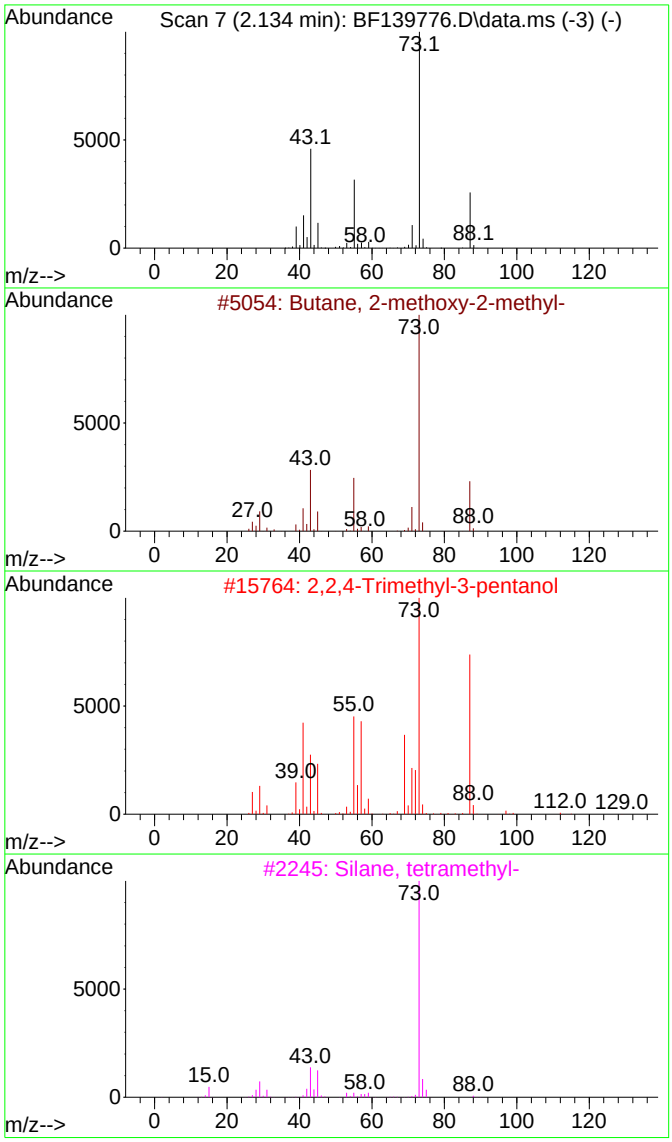
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

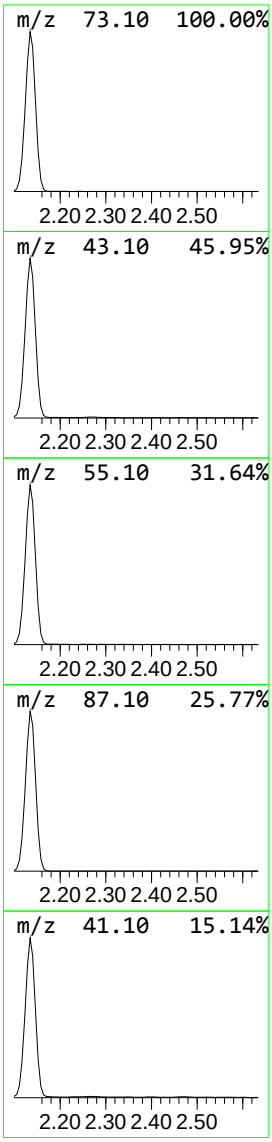
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	89.39 ng	1893760	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\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

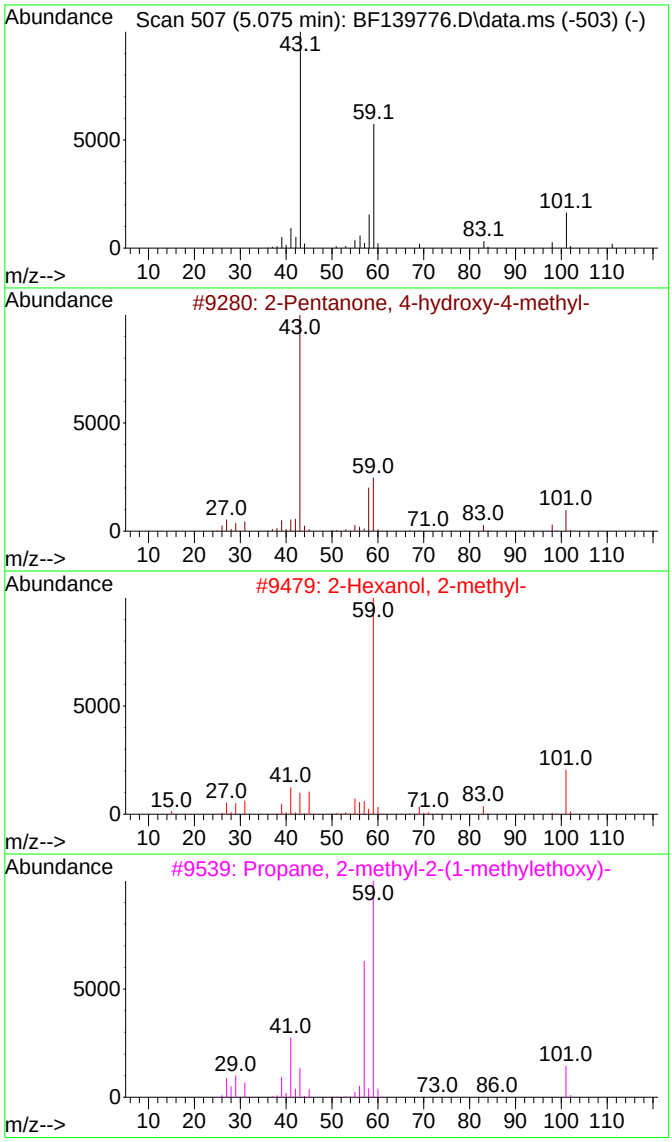
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

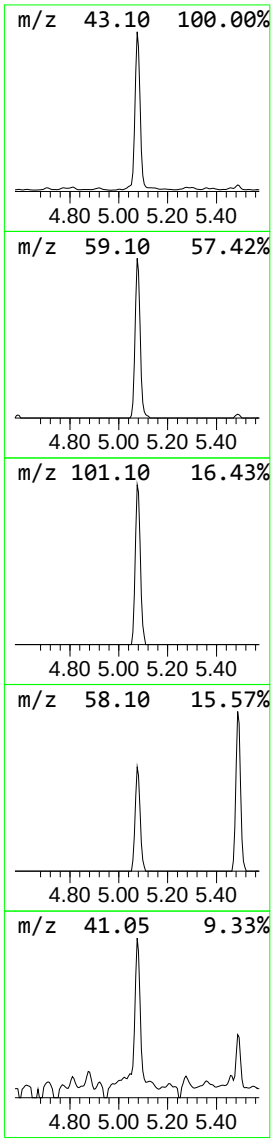
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	4.39 ng	92984	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	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Octanol	130	C8H18O	000589-98-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Data File : BF139776.D
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Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

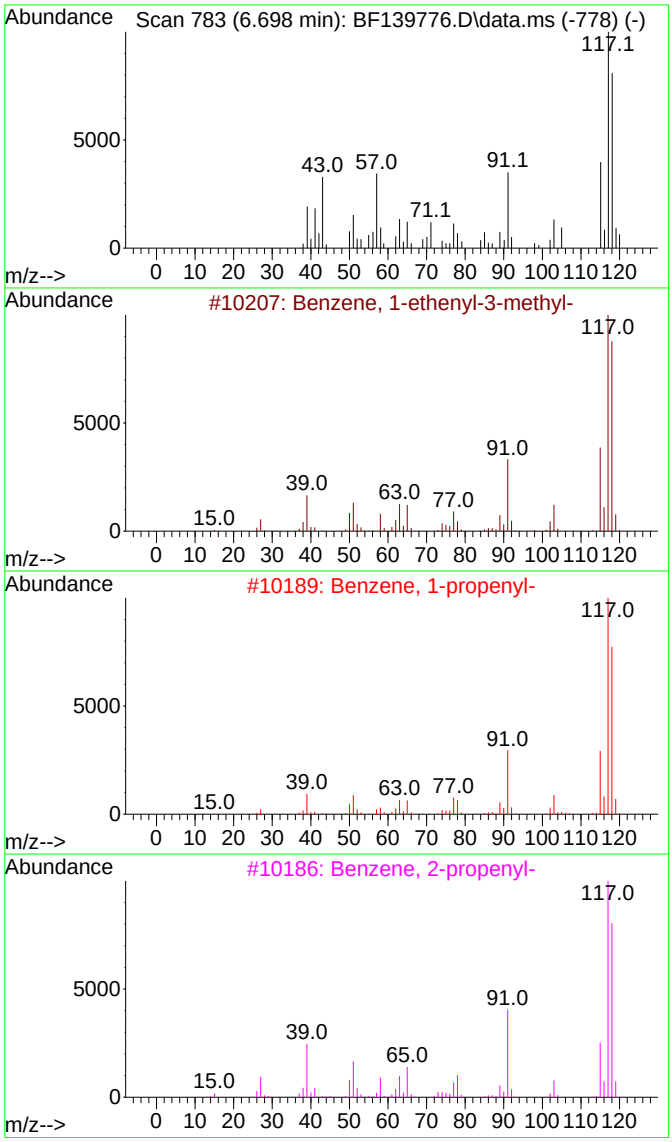
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

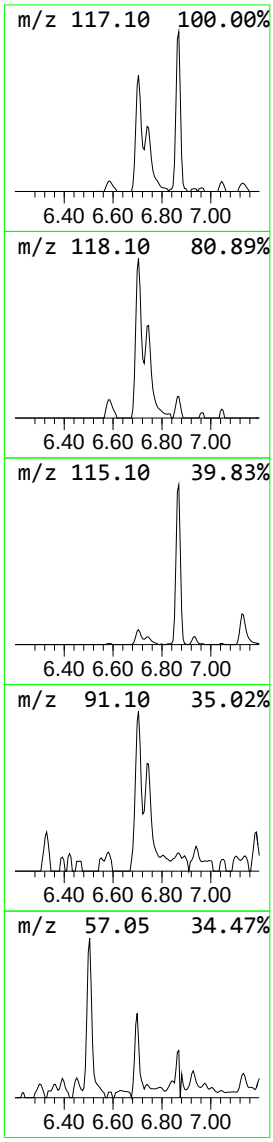
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	3.56 ng	75415	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	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Sample : P4364-07
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ALS Vial : 15 Sample Multiplier: 1

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

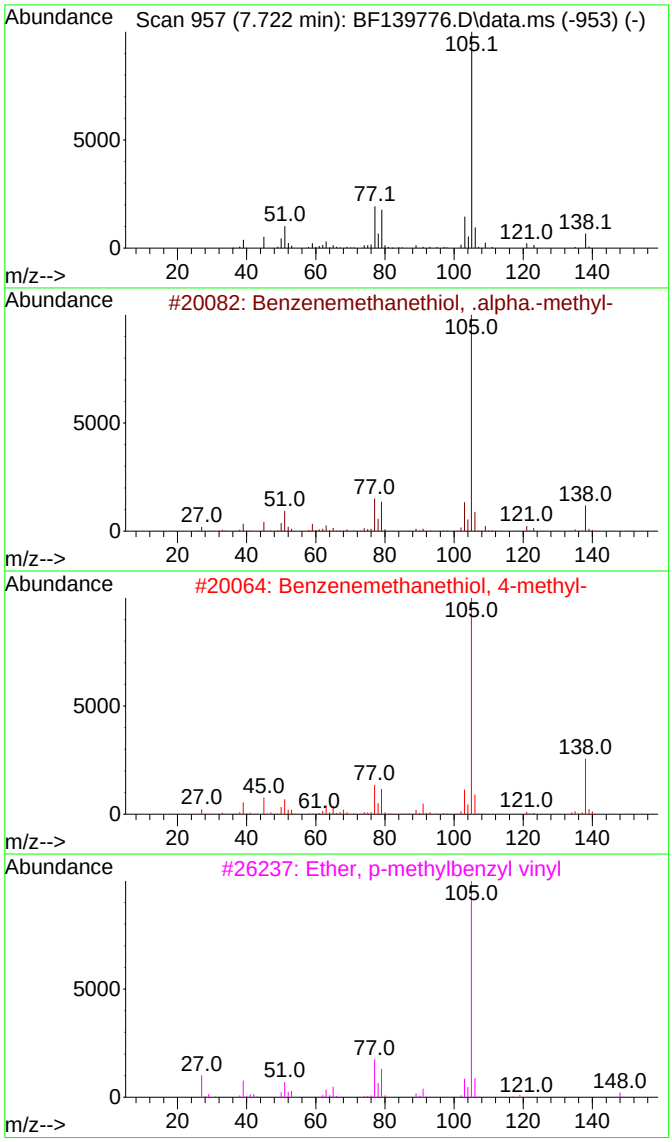
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

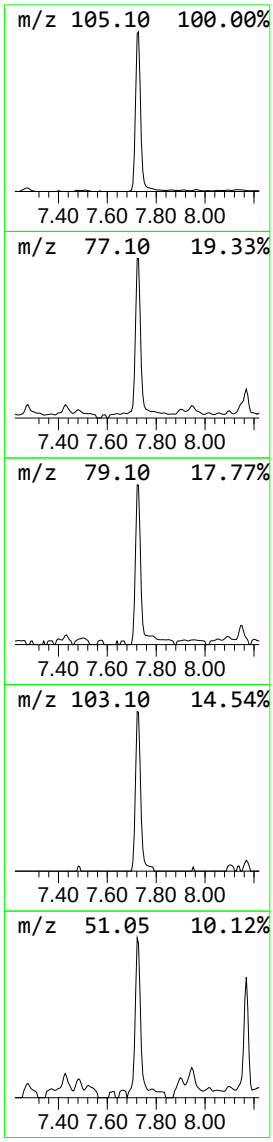
****

Peak Number 4 Benzenemethanethiol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	5.54 ng	158079	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	80
3	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	78
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	78
5	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	72





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Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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

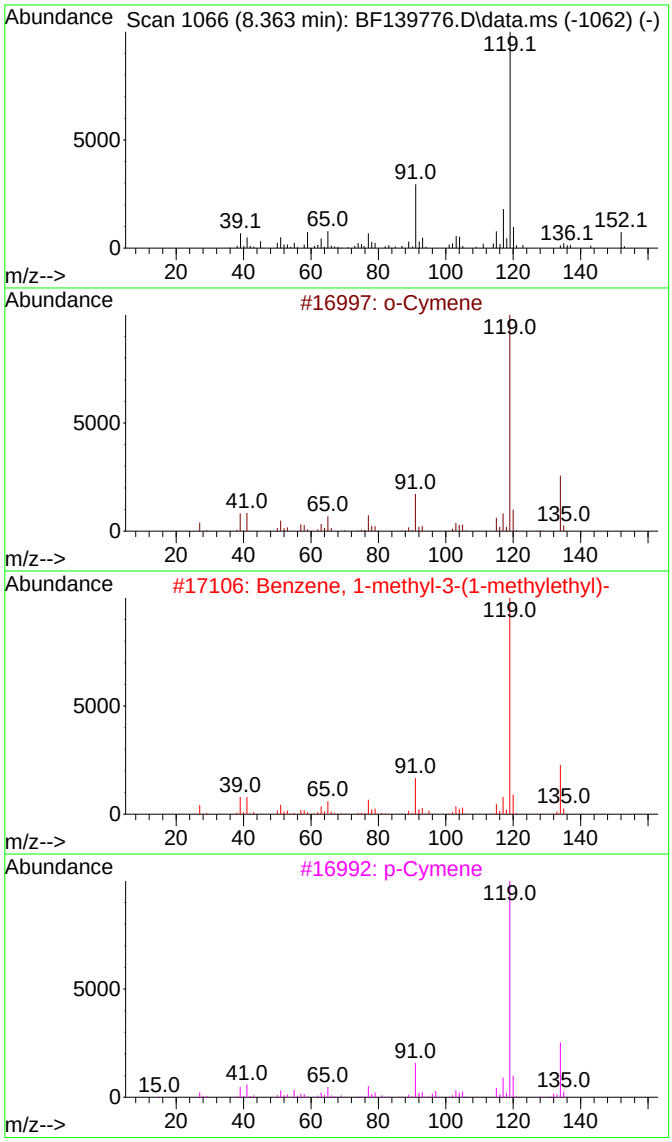
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

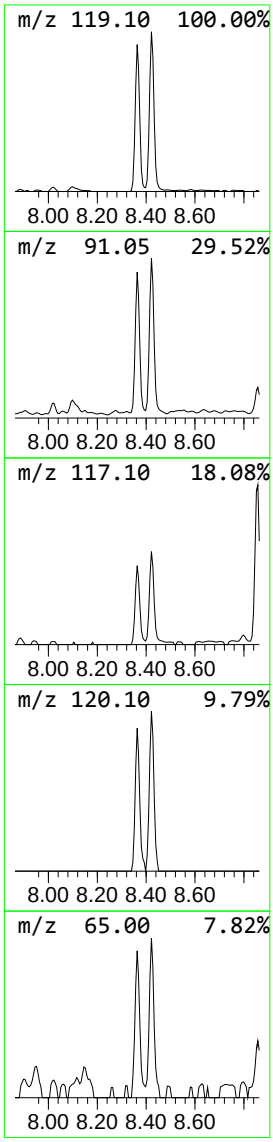
****

Peak Number 5 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	3.68 ng	105185	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	p-Cymene	134	C10H14	000099-87-6	80
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
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Misc :
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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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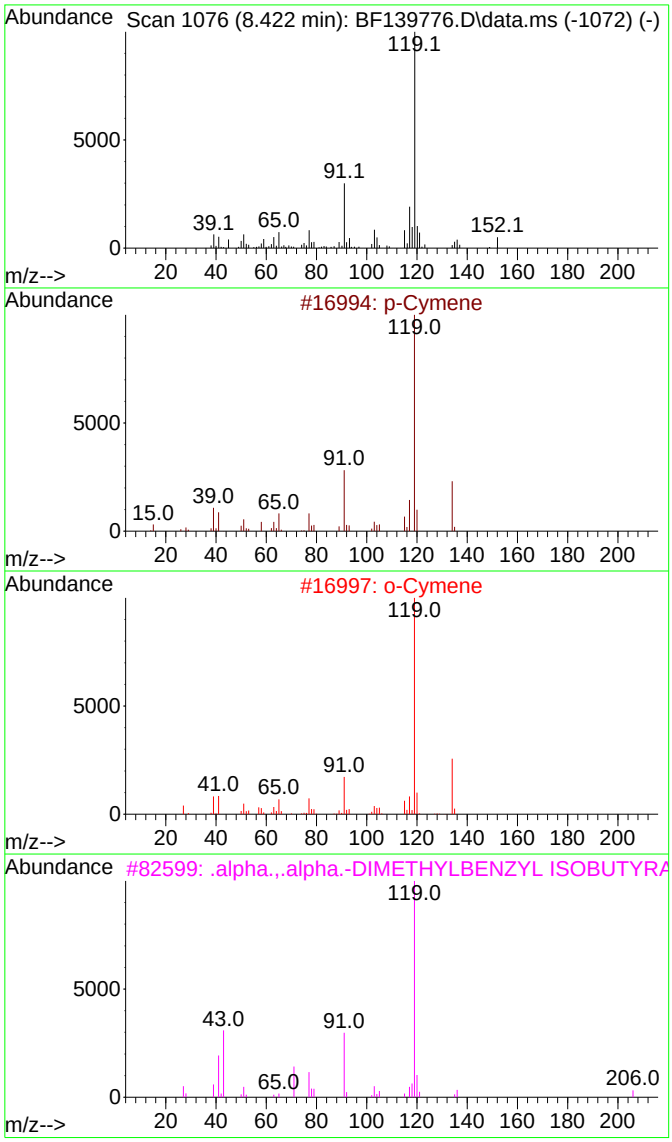
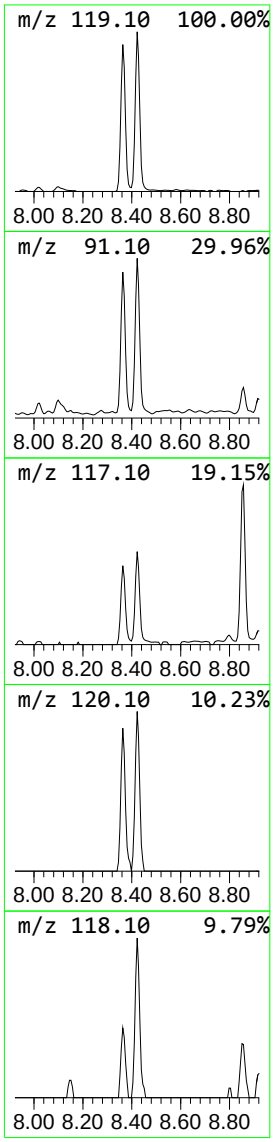
Peak Number 6 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	4.52 ng	129180	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	72
2	o-Cymene	134	C10H14	000527-84-4	70
3	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62





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Sample : P4364-07
Misc :
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ClientSampleId :
SB-03-0.167-0.667

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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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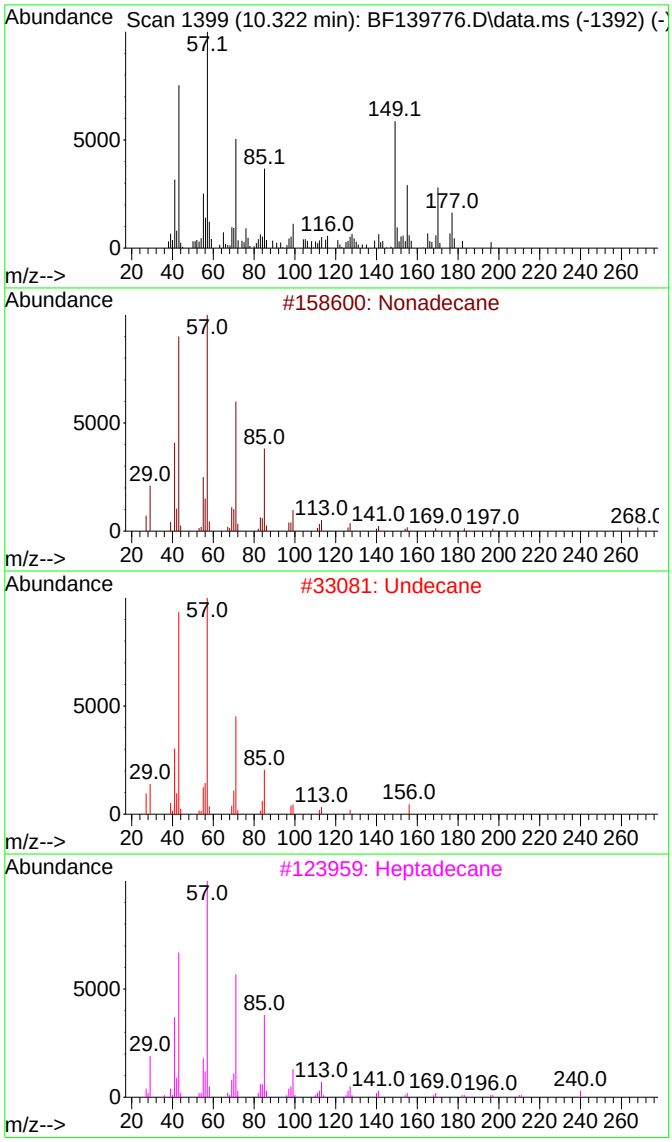
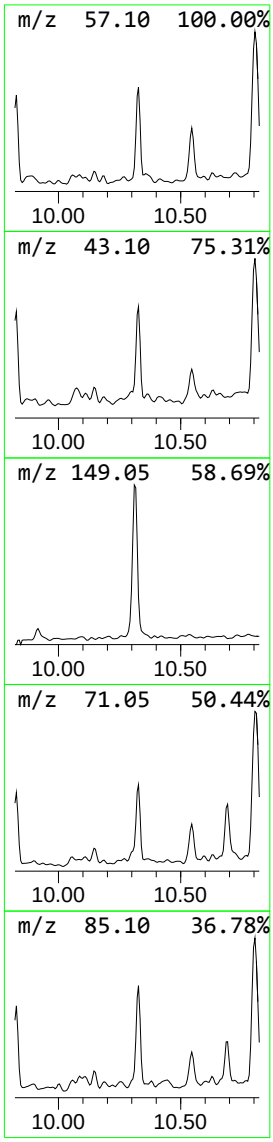
Peak Number 7 unknown10.322 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	3.79 ng	93450	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	38
2	Undecane	156	C11H24	001120-21-4	35
3	Heptadecane	240	C17H36	000629-78-7	30
4	Tetradecane	198	C14H30	000629-59-4	30
5	Pentadecane	212	C15H32	000629-62-9	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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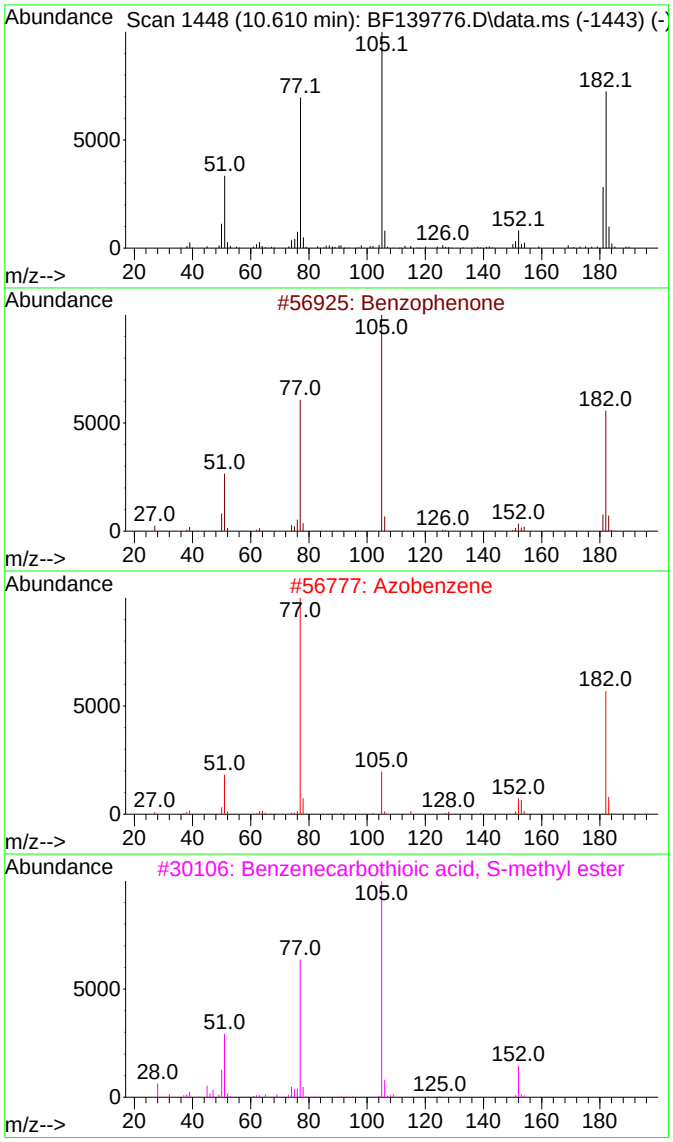
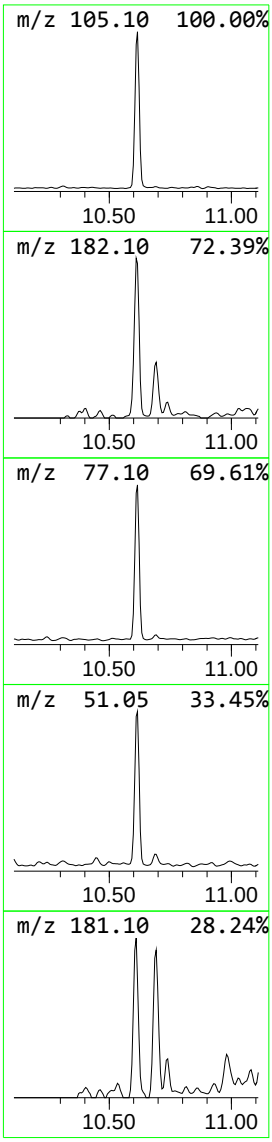
Peak Number 8 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.57 ng	161804	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	52
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	46
5	Benzoylformic acid	150	C8H6O3	000611-73-4	45





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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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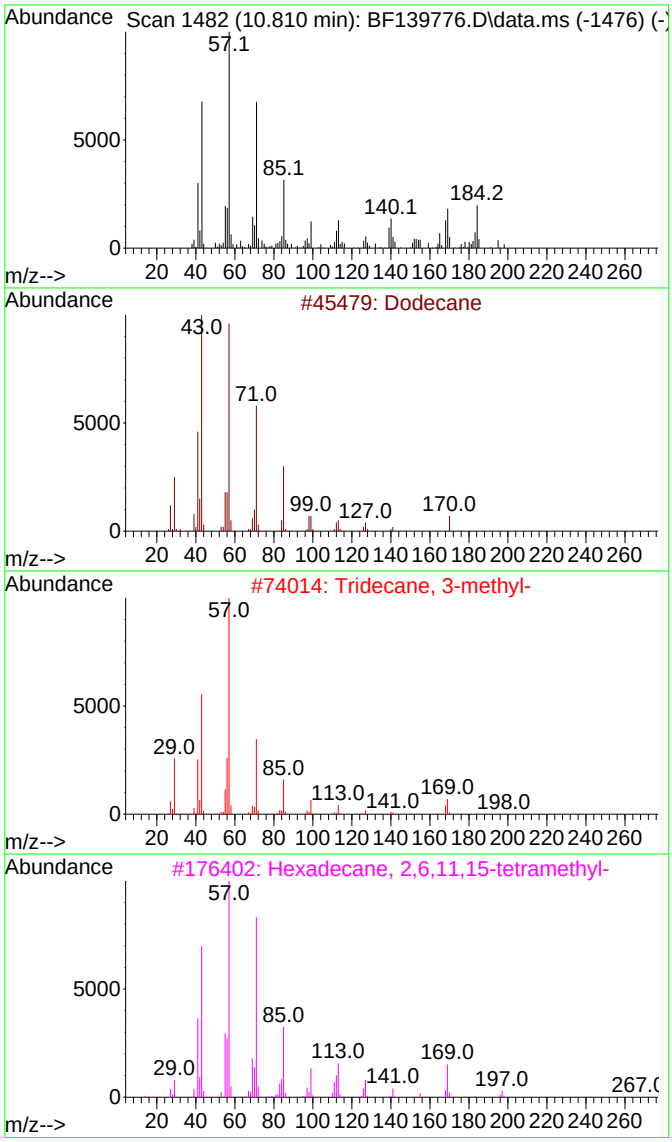
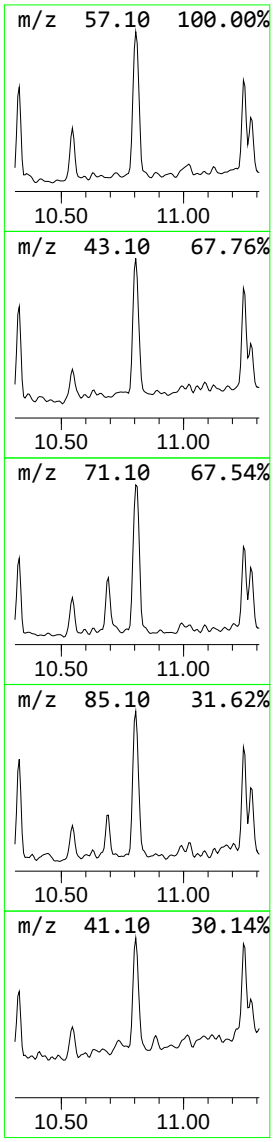
Peak Number 9 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	4.84 ng	112688	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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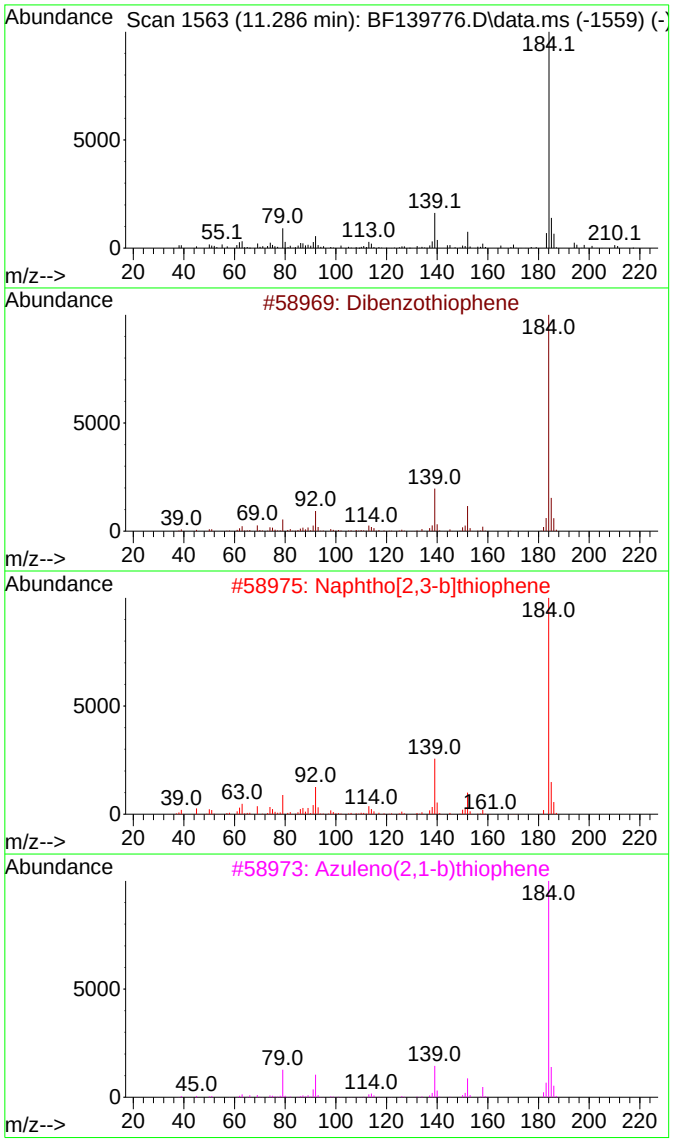
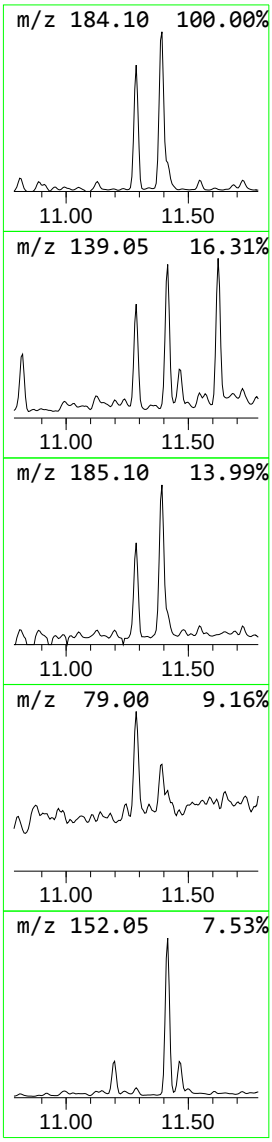
Peak Number 10 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	3.46 ng	80677	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83





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

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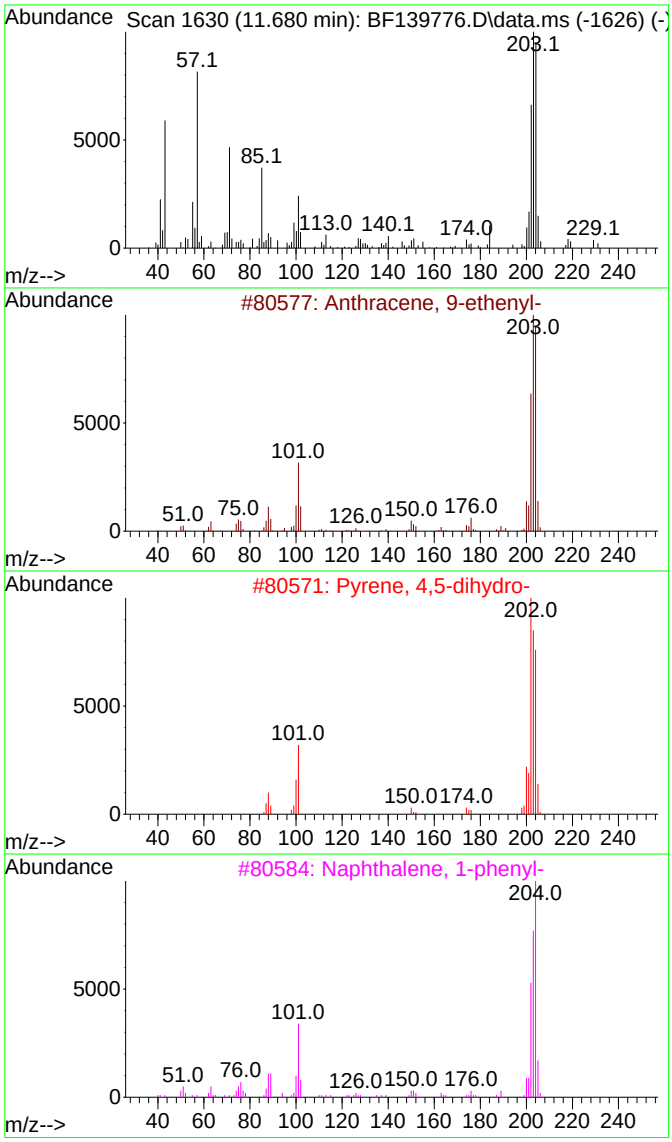
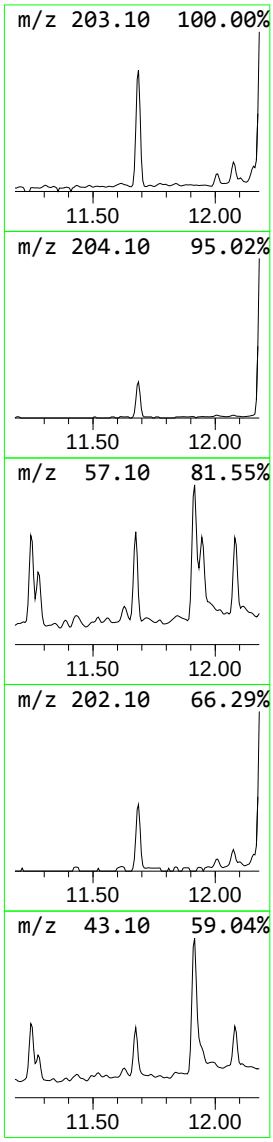
Peak Number 11 Anthracene, 9-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	3.17 ng	73804	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	78
2	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	60
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	53





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

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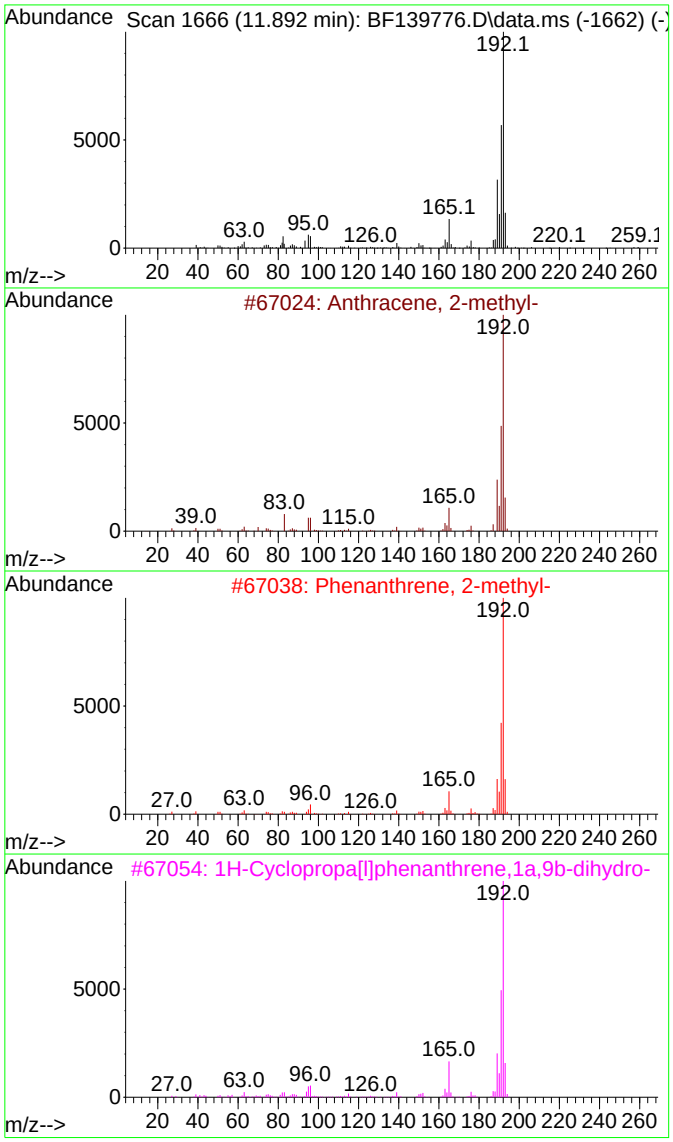
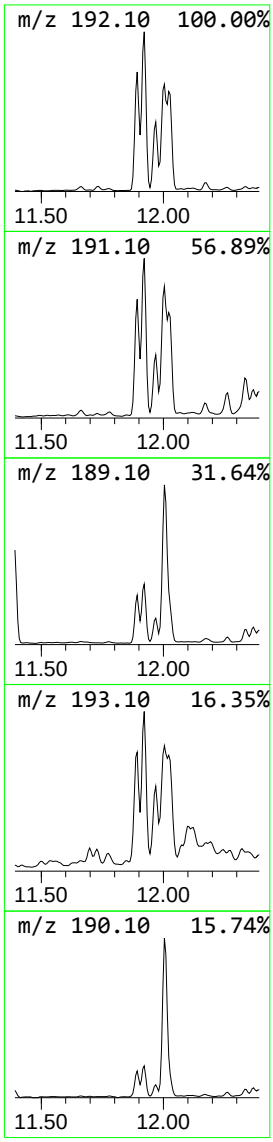
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.90 ng	137546	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	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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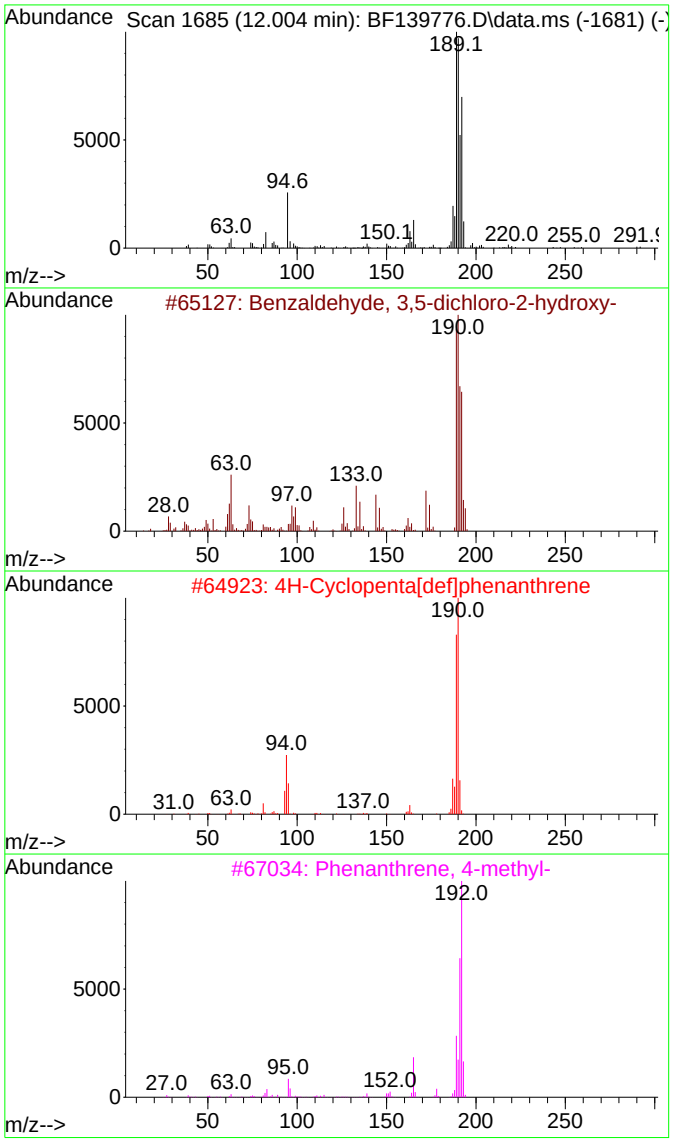
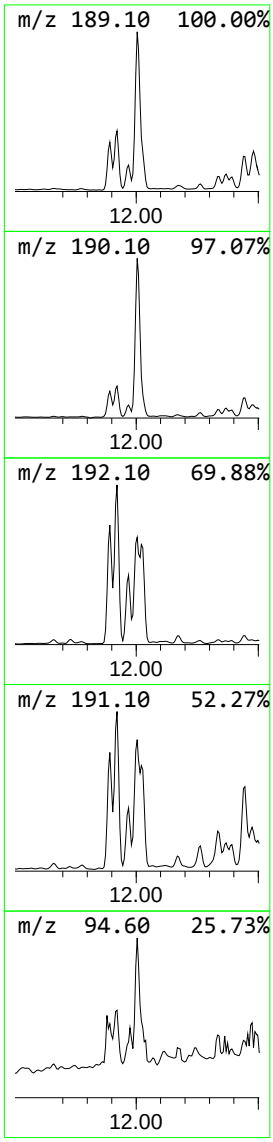
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	17.27 ng	402312	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	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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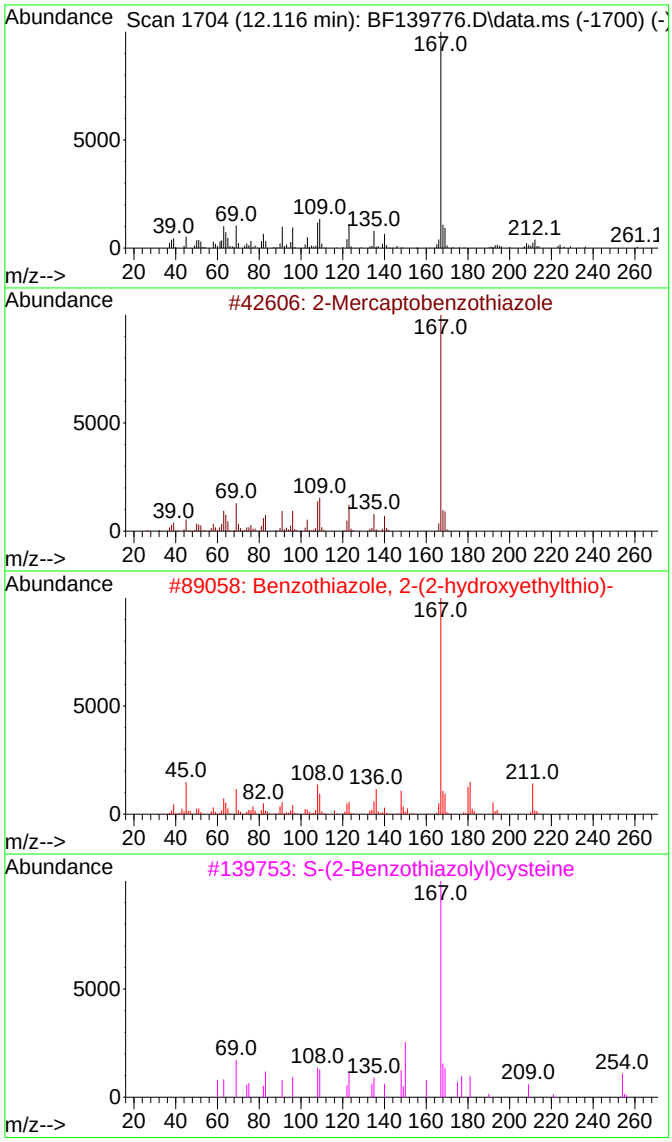
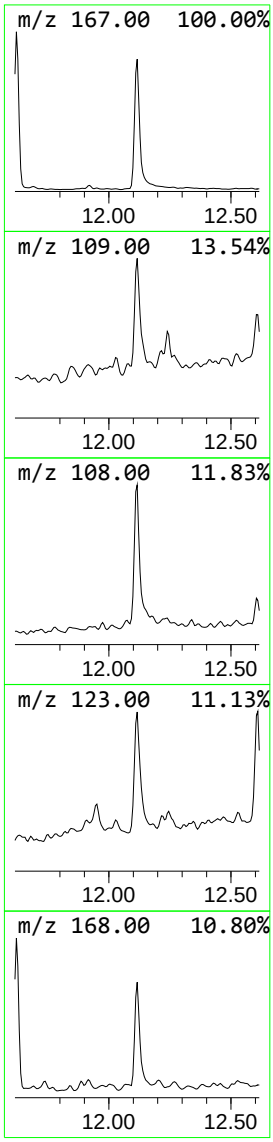
Peak Number 14 2-Mercaptobenzothiazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	6.08 ng	141607	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	72
3	S-(2-Benzothiazolyl)cysteine	254	C10H10N2O2S2	000399-82-6	64
4	5-(2-Furyl)-4H-1,2,4-triazole-3-...	167	C6H5N3OS	035771-65-4	59
5	2-[(Difluoromethyl)thio]benzoic ...	218	C9H8F2O2S	079676-61-2	59





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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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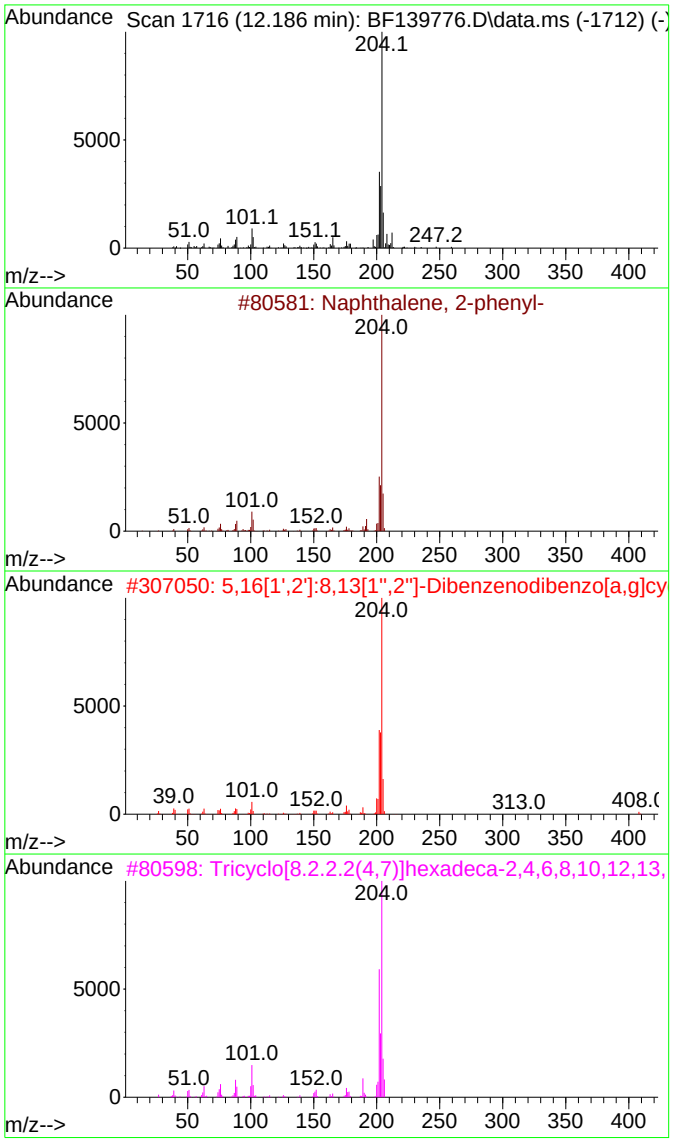
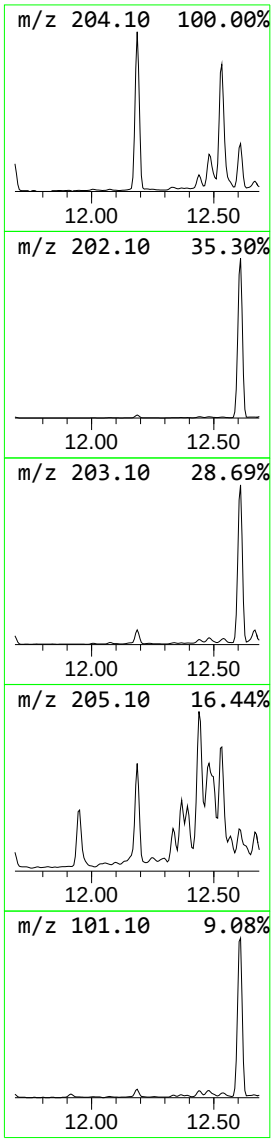
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	5.11 ng	119050	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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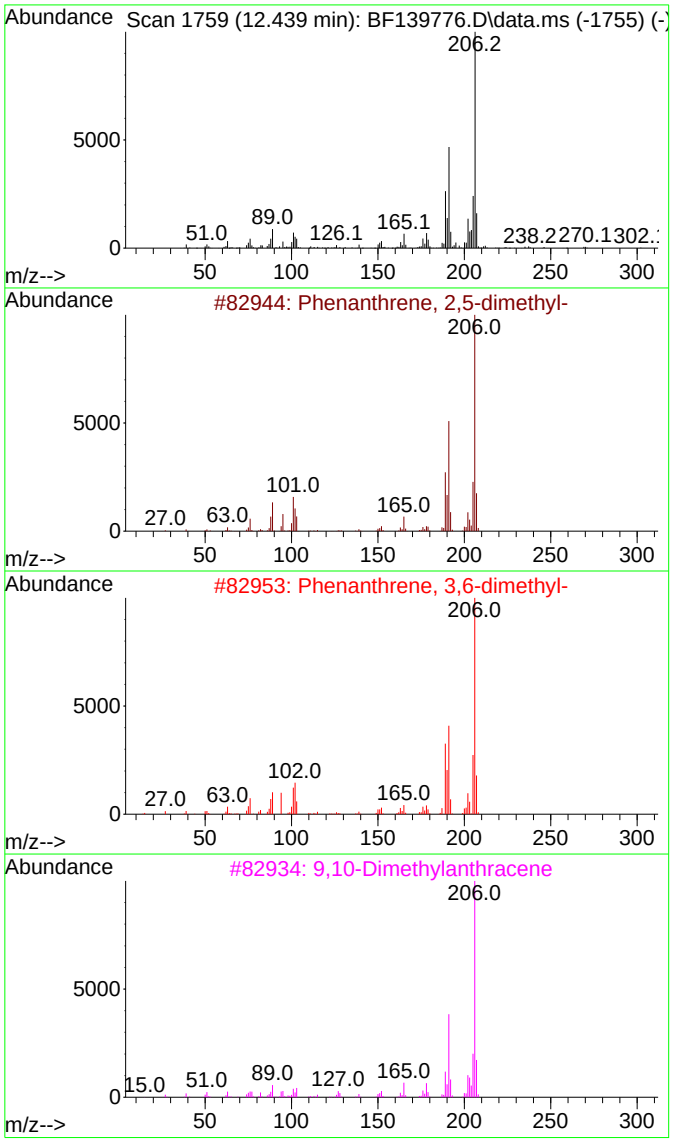
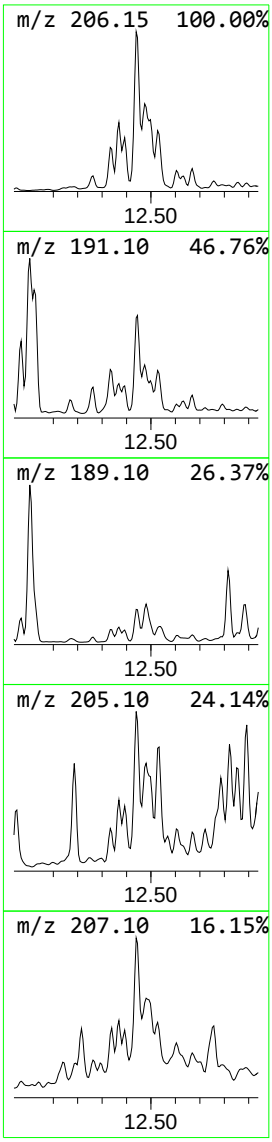
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	7.44 ng	173429	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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TIC Library : C:\Database\NIST20.L
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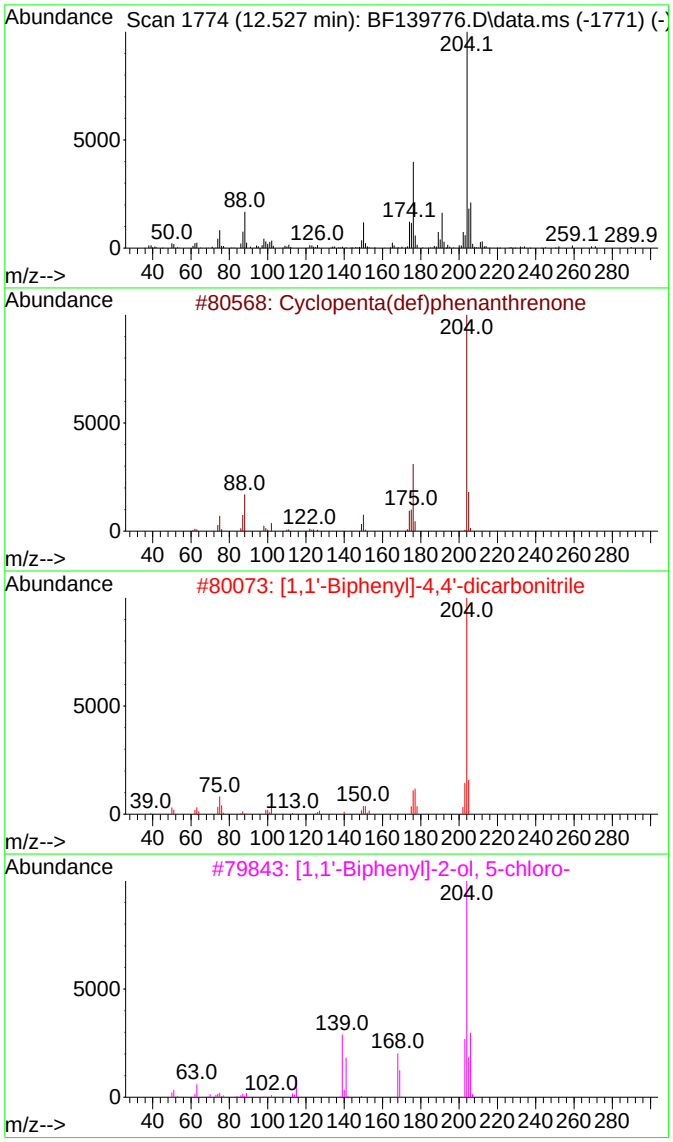
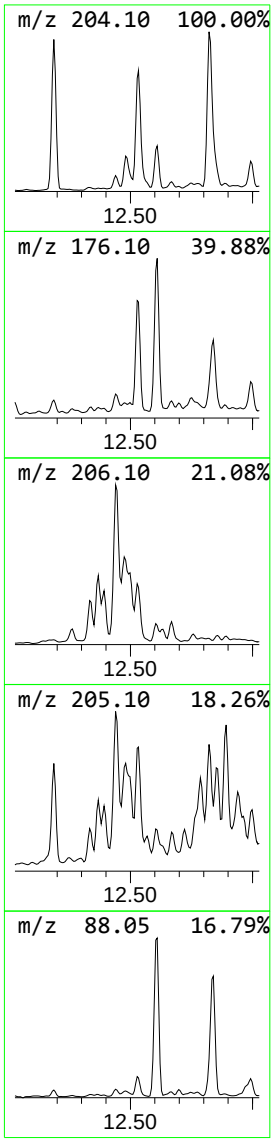
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	5.44 ng	126751	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	40
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	38





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Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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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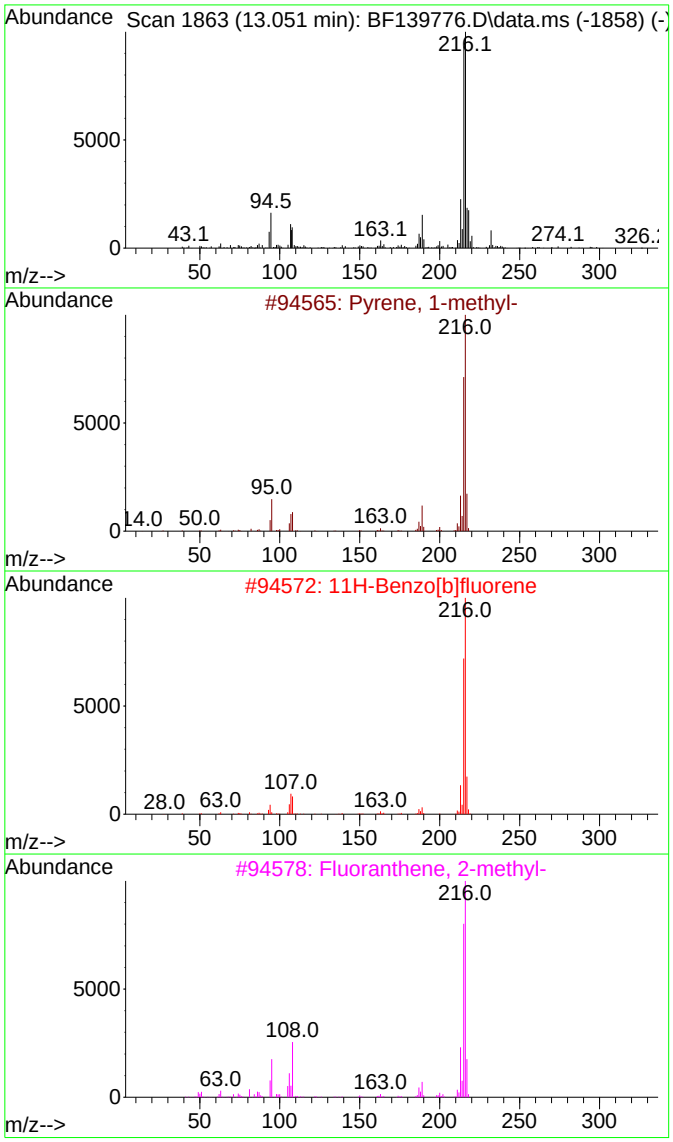
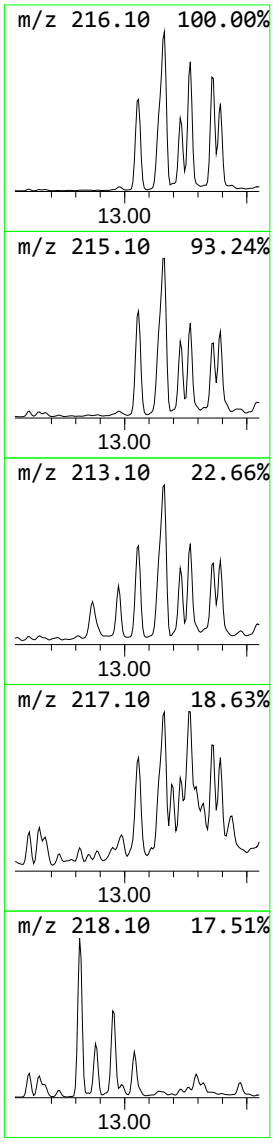
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	3.01 ng	294126	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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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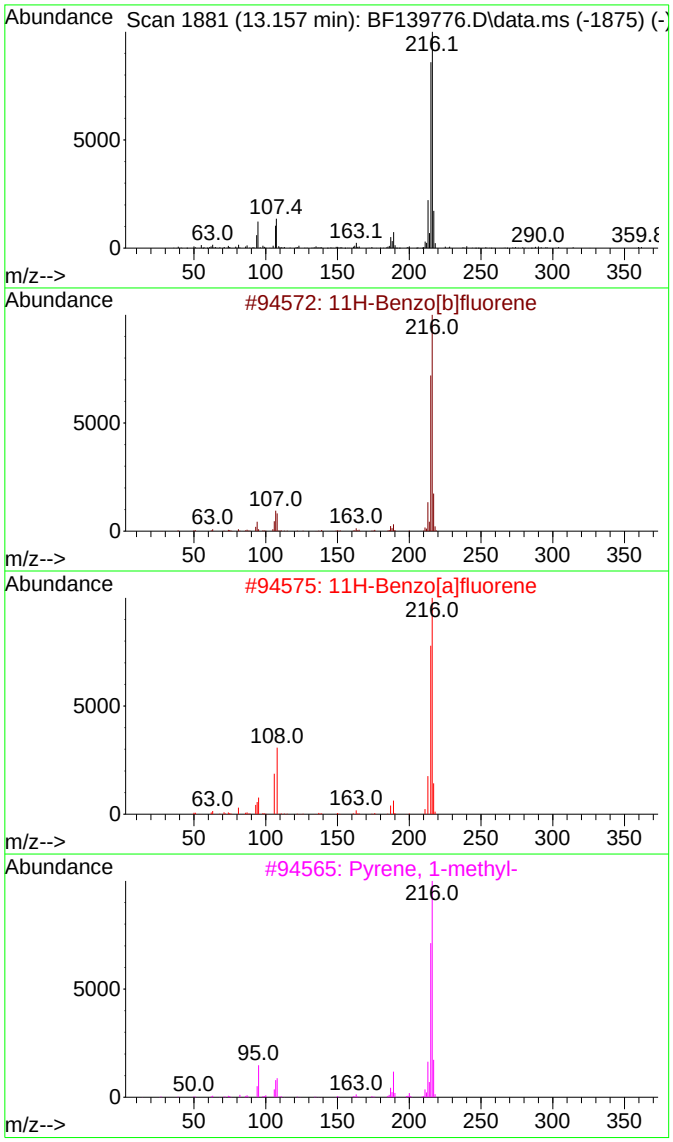
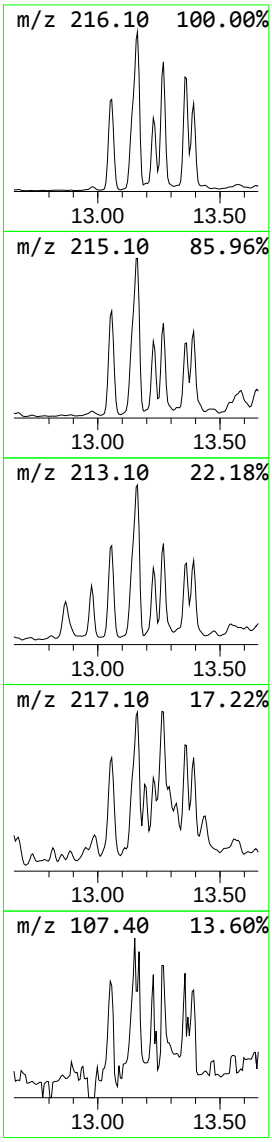
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.43 ng	335615	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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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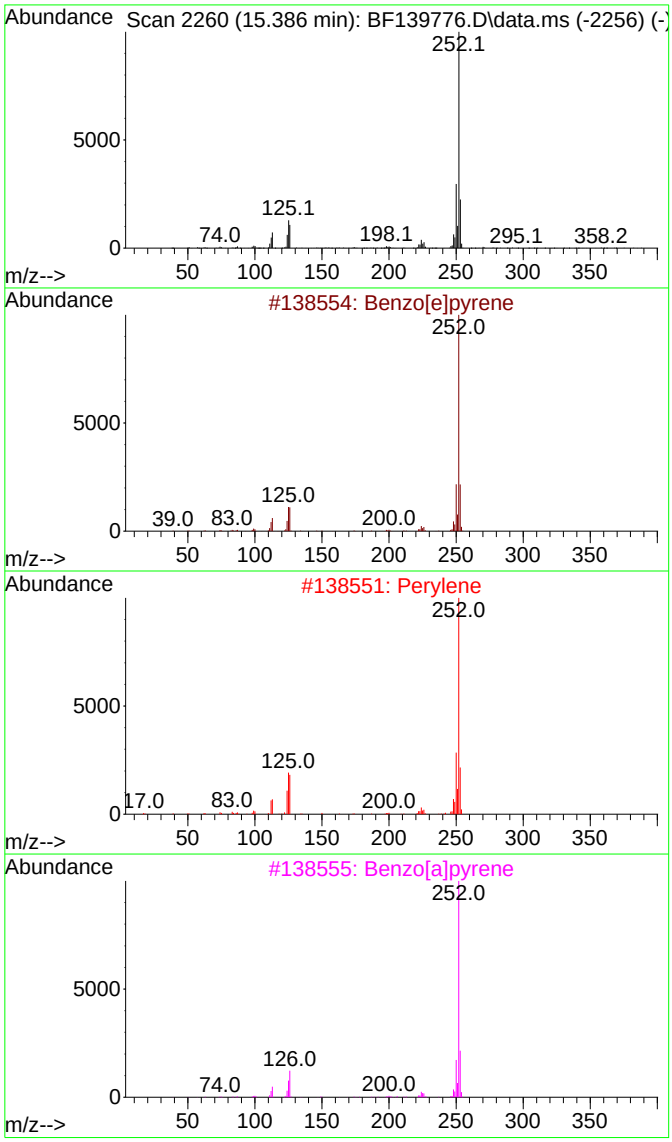
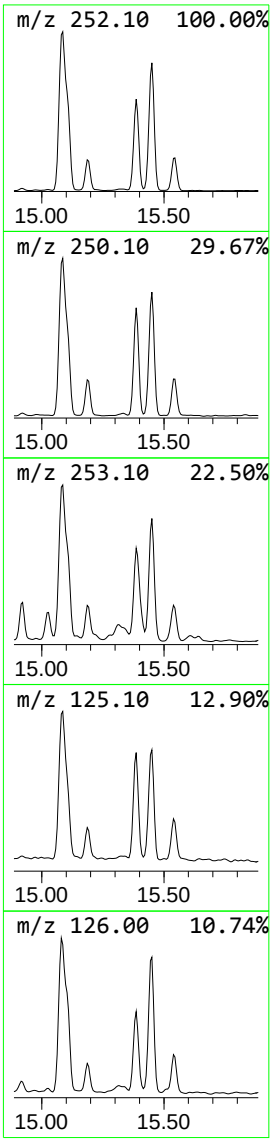
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	23.17 ng	423590	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139776.D
Acq On : 11 Oct 2024 15:47
Operator : RC/JU
Sample : P4364-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0.167-0.667

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...	2.134	89.4	ng	1893760	1	6.869	423727	20.0
2-Pentanone, 4-...	5.075	4.4	ng	92984	1	6.869	423727	20.0
Benzene, 1-ethe...	6.698	3.6	ng	75415	1	6.869	423727	20.0
Benzenemethanet...	7.722	5.5	ng	158079	2	8.145	571165	20.0
o-Cymene	8.363	3.7	ng	105185	2	8.145	571165	20.0
p-Cymene	8.422	4.5	ng	129180	2	8.145	571165	20.0
unknown10.322	10.322	3.8	ng	93450	3	9.904	492543	20.0
Benzophenone	10.610	6.6	ng	161804	3	9.904	492543	20.0
Dodecane	10.810	4.8	ng	112688	4	11.392	466039	20.0
Dibenzothiophene	11.286	3.5	ng	80677	4	11.392	466039	20.0
Anthracene, 9-e...	11.680	3.2	ng	73804	4	11.392	466039	20.0
Anthracene, 2-m...	11.892	5.9	ng	137546	4	11.392	466039	20.0
Benzaldehyde, 3...	12.004	17.3	ng	402312	4	11.392	466039	20.0
2-Mercaptobenzo...	12.116	6.1	ng	141607	4	11.392	466039	20.0
Naphthalene, 2-...	12.186	5.1	ng	119050	4	11.392	466039	20.0
Phenanthrene, 2...	12.439	7.4	ng	173429	4	11.392	466039	20.0
Cyclopenta(def)...	12.527	5.4	ng	126751	4	11.392	466039	20.0
Pyrene, 1-methyl-	13.051	3.0	ng	294126	5	14.039	1955840	20.0
11H-Benzo[b]flu...	13.157	3.4	ng	335615	5	14.039	1955840	20.0
Benzo[e]pyrene	15.386	23.2	ng	423590	6	15.510	365590	20.0