LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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: BF139785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.916	305	310	319	rVB	5570	9985	1.75%	0.131%
2	5.069	502	506	514	rVB	12077	17054	2.98%	0.224%
3	5.487	572	577	591	rVB	174761	244644	42.81%	3.217%
4	5.704	609	614	619	rBV2	10483	17122	3.00%	0.225%
5	6.504	745	750	761	rBV	147476	223005	39.02%	2.933%
6	6.698	779	783	788	rBV2	12914	20800	3.64%	0.274%
7	6.746	788	791	800	rVB2	6623	10409	1.82%	0.137%
8	6.869	807	812	817	rBV	271135	330455	57.82%	4.346%
9	7.134	852	857	866	rVB	8003	13441	2.35%	0.177%
10	7.428	900	907	914	rBV	98056	131908	23.08%	1.735%
11	7.728	953	958	966	rVB	61582	87219	15.26%	1.147%
12	7.904	982	988	991	rBV2	4794	8699	1.52%	0.114%
13	7.945	991	995	1005	rVB5	5220	12007	2.10%	0.158%
14	8.151	1023	1030	1038	rBV	289724	385237	67.41%	5.066%
15	8.363	1062	1066	1072	rBV	33883	45186	7.91%	0.594%
16	8.422	1072	1076	1084	rVB	39848	55039	9.63%	0.724%
17	8.857	1144	1150	1157	rBV2	22643	32490	5.69%	0.427%
18	8.922	1157	1161	1164	rBV	5450	6384	1.12%	0.084%
19	8.963	1164	1168	1176	rVB	14891	21183	3.71%	0.279%
20	9.034	1176	1180	1183	rBV	4371	6628	1.16%	0.087%
21	9.139	1195	1198	1207	rVB2	5544	8113	1.42%	0.107%
22	9.222	1207	1212	1217	rBV	193755	235677	41.24%	3.099%
23	9.298	1221	1225	1228	rVV	5699	7756	1.36%	0.102%
24	9.381	1232	1239	1243	rVB5	5040	9554	1.67%	0.126%
25	9.487	1251	1257	1261	rBV2	7674	12874	2.25%	0.169%
26	9.563	1266	1270	1272	rBV	14513	18584	3.25%	0.244%
27	9.628	1278	1281	1285	rVB2	8084	11360	1.99%	0.149%
28	9.681	1286	1290	1299	rVB	7594	12734	2.23%	0.167%
29	9.763	1300	1304	1309	rBV	41648	52932	9.26%	0.696%
30	9.904	1321	1328	1332	rBV	328816	409532	71.66%	5.385%
31	9.939	1332	1334	1341	rVB2	13055	16124	2.82%	0.212%
32	10.010	1341	1346	1351	rBV4	4361	7485	1.31%	0.098%
33	10.104	1358	1362	1366	rVV2	13196	18788	3.29%	0.247%
34	10.145	1366	1369	1373	rVB	12025	15045	2.63%	0.198%
35	10.216	1377	1381	1384	rBV2	11700	17523	3.07%	0.230%
36	10.251	1384	1387	1392	rVB4	8604	11762	2.06%	0.155%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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	10.316	1392	1398	1403	rBV4	14168	34350	6.01%	0.452%
38	10.357	1403	1405	1408	rVB	6304	6273	1.10%	0.082%
39	10.451	1417	1421	1427	rVB3	16711	27477	4.81%	0.361%
40	10.563	1438	1440	1444	rVV4	5873	6881	1.20%	0.090%
41	10.616	1444	1449	1456	rVB2	24671	37216	6.51%	0.489%
42	10.692	1457	1462	1473	rVB	121696	169241	29.61%	2.226%
43	10.810	1477	1482	1491	rVB5	18618	33704	5.90%	0.443%
44	10.892	1492	1496	1498	rBV2	6432	8484	1.48%	0.112%
45	10.998	1509	1514	1517	rBV2	13314	20764	3.63%	0.273%
46	11.028	1517	1519	1522	rVB2	6190	5802	1.02%	0.076%
47	11.081	1526	1528	1531	rVB	6542	6964	1.22%	0.092%
48	11.133	1531	1537	1538	rBV4	7779	12852	2.25%	0.169%
49	11.198	1545	1548	1552	rBV	13604	18046	3.16%	0.237%
50	11.245	1552	1556	1560	rVV2	12169	17353	3.04%	0.228%
51	11.286	1560	1563	1569	rVB	15093	21438	3.75%	0.282%
52	11.392	1576	1581	1584	rBV	378828	557850	97.61%	7.336%
53	11.416	1584	1585	1590	rVV	223966	175893	30.78%	2.313%
54	11.469	1590	1594	1597	rVV	34624	41139	7.20%	0.541%
55	11.504	1597	1600	1603	rVB3	7351	8769	1.53%	0.115%
56	11.628	1617	1621	1624	rBV	14227	21882	3.83%	0.288%
57	11.681	1626	1630	1634	rVV3	14575	24609	4.31%	0.324%
58	11.722	1634	1637	1642	rVB3	13457	19021	3.33%	0.250%
59	11.781	1644	1647	1649	rBV4	5235	7327	1.28%	0.096%
60	11.845	1656	1658	1661	rBV3	4841	5871	1.03%	0.077%
61	11.892	1662	1666	1668	rBV	85547	111443	19.50%	1.465%
62	11.922	1668	1671	1675	rVB	98146	126498	22.13%	1.663%
63	12.004	1681	1685	1688	rBV	84173	122084	21.36%	1.605%
64	12.080	1695	1698	1702	rBV3	14279	19816	3.47%	0.261%
65	12.186	1712	1716	1719	rBV	36488	50226	8.79%	0.660%
66	12.339	1736	1742	1744	rBV	40274	63085	11.04%	0.830%
67	12.369	1744	1747	1750	rVV	35243	41926	7.34%	0.551%
68	12.445	1755	1760	1763	rBV	103361	153032	26.78%	2.012%
69	12.475	1763	1765	1772	rVV3	56419	99927	17.49%	1.314%
70	12.533	1772	1775	1783	rVB4	44432	66037	11.56%	0.868%
71	12.604	1783	1787	1792	rBV	280523	365010	63.87%	4.800%
72	12.651	1792	1795	1796	rBV2	13262	14406	2.52%	0.189%
73	12.704	1801	1804	1807	rVV	16708	19174	3.36%	0.252%
74	12.839	1820	1827	1833	rBV	330580	522546	91.44%	6.872%
75	12.892	1833	1836	1840	rVB2	58572	69599	12.18%	0.915%
76	12.975	1845	1850	1858	rVB	243130	372322	65.15%	4.896%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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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Peak separation: 5

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

77	13.057	1858	1864	1870	rBV3	58334	125300	21.92%	1.648%
78	13.157	1875	1881	1885	rVB2	55373	116035	20.30%	1.526%
79	13.269	1896	1900	1904	rVB2	61891	72329	12.66%	0.951%
80	13.363	1912	1916	1918	rBV	47803	60207	10.54%	0.792%
81	13.392	1918	1921	1924	rVB2	39292	47070	8.24%	0.619%
82	14.033	2024	2030	2034	rBV2	329370	571494	100.00%	7.515%
83	14.127	2043	2046	2051	rVB4	36056	49308	8.63%	0.648%
84	15.080	2205	2208	2216	rVB	73171	127848	22.37%	1.681%
85	15.451	2268	2271	2276	rVB	69407	96783	16.94%	1.273%
86	15.510	2277	2281	2294	rVB	158686	287022	50.22%	3.774%

Sum of corrected areas: 7604471

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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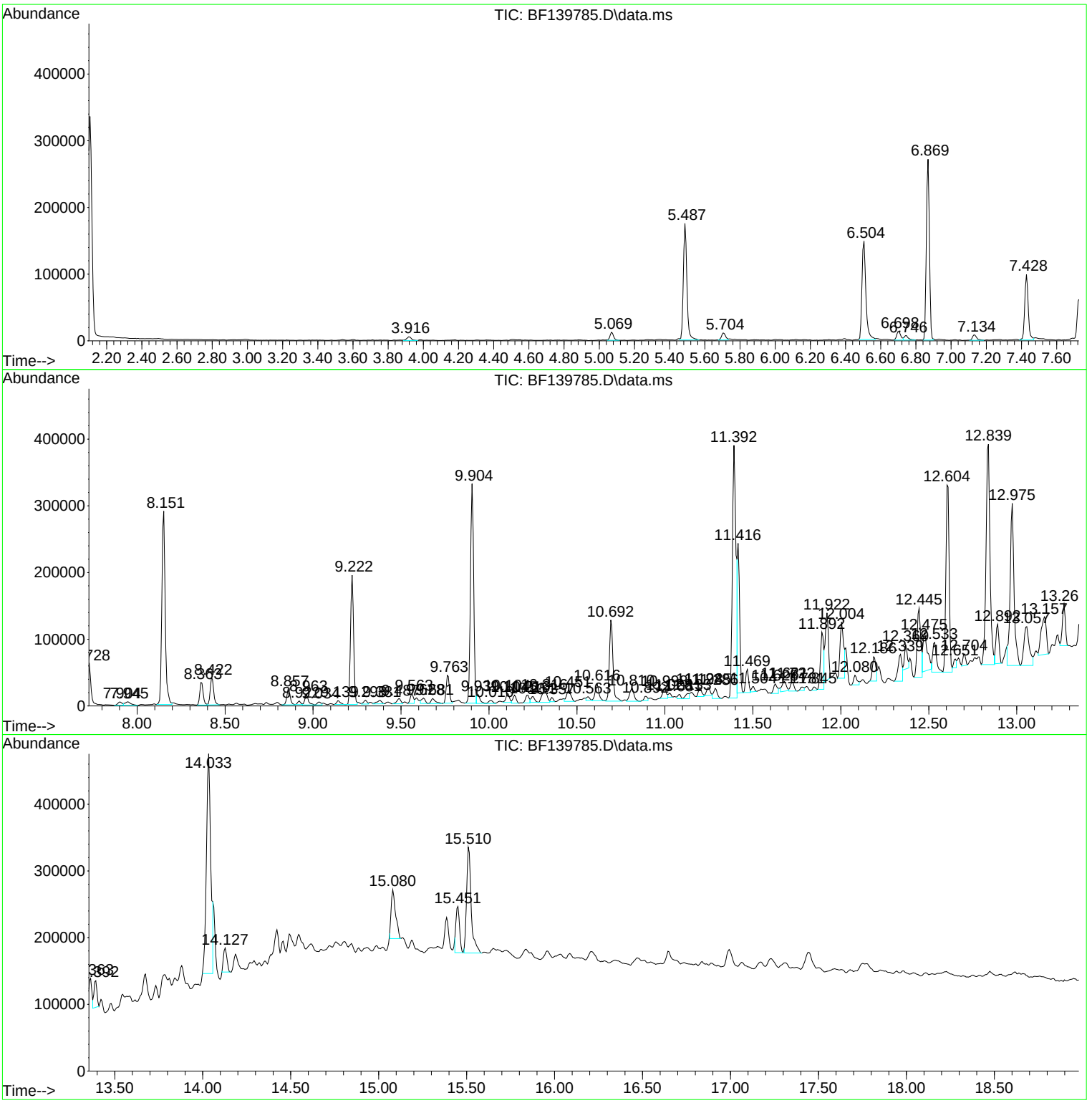
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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 : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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

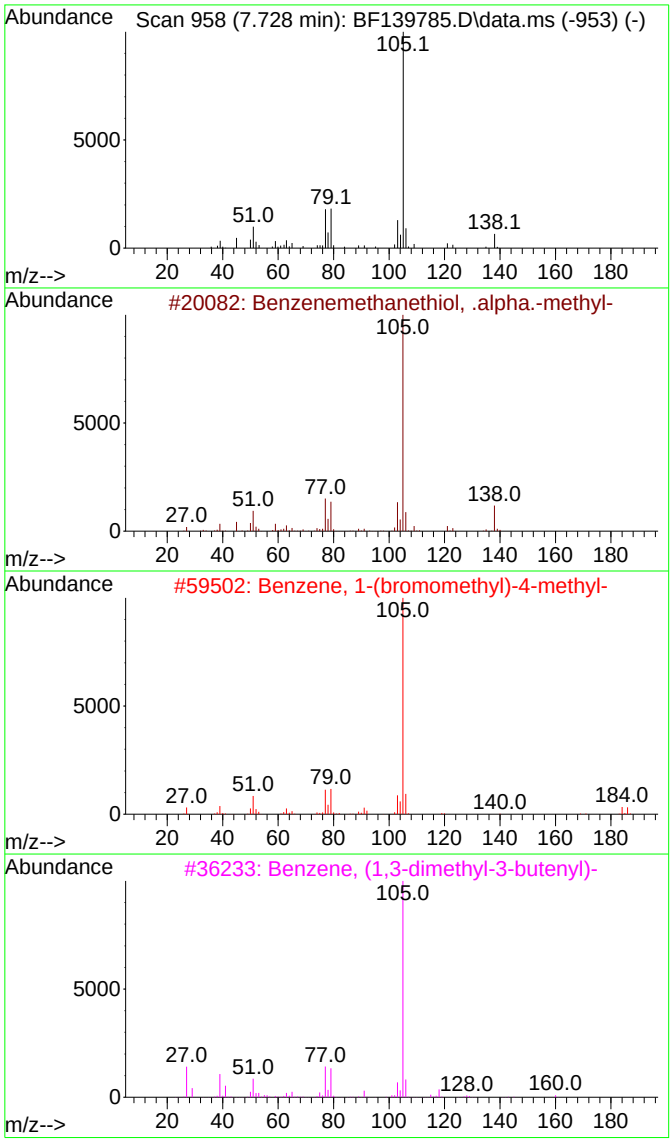
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

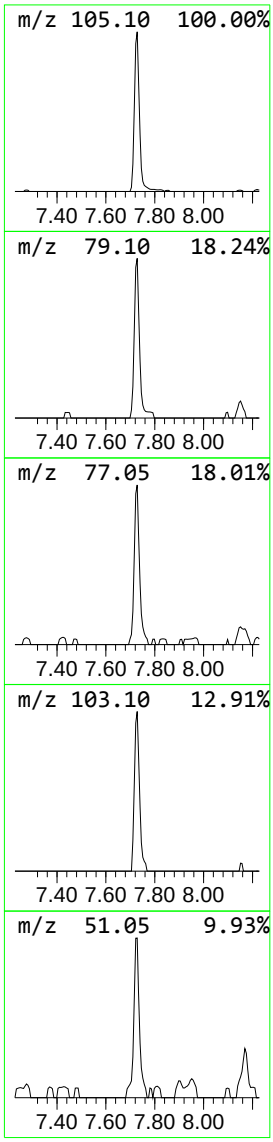
****

Peak Number 1 Benzenemethanethiol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	4.53 ng	87219	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	72
3	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
5	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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

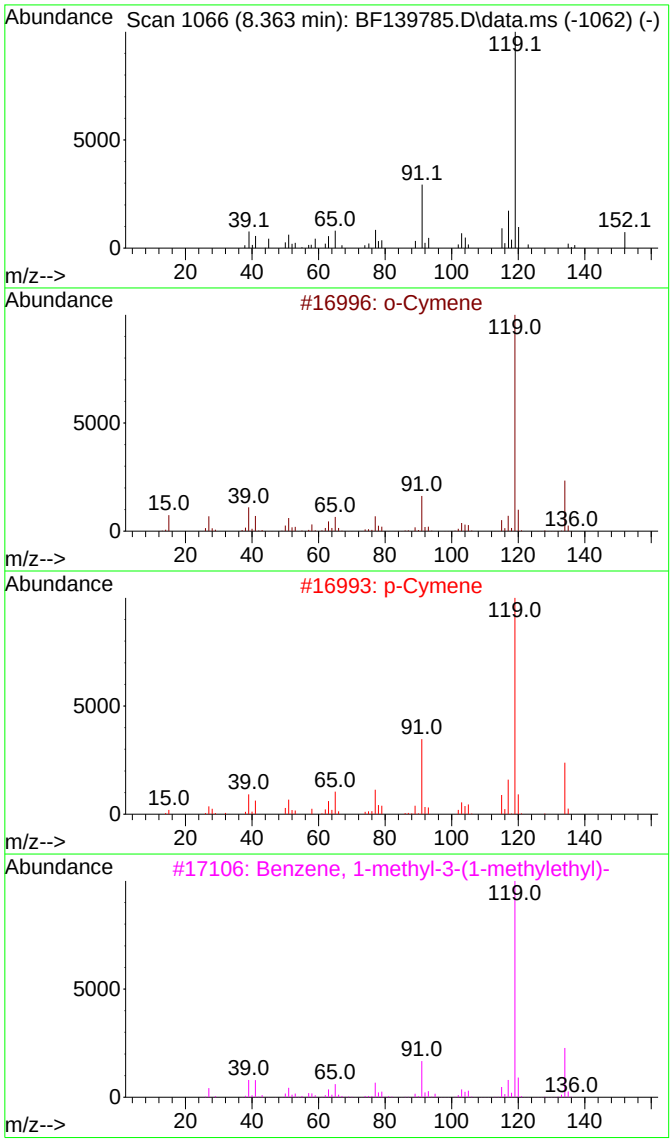
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

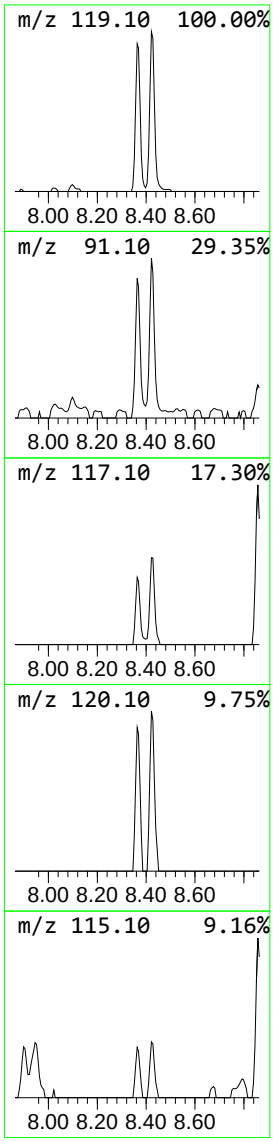
****

Peak Number 2 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	2.35 ng	45186	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	80
2	p-Cymene	134	C10H14	000099-87-6	80
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	78
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
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Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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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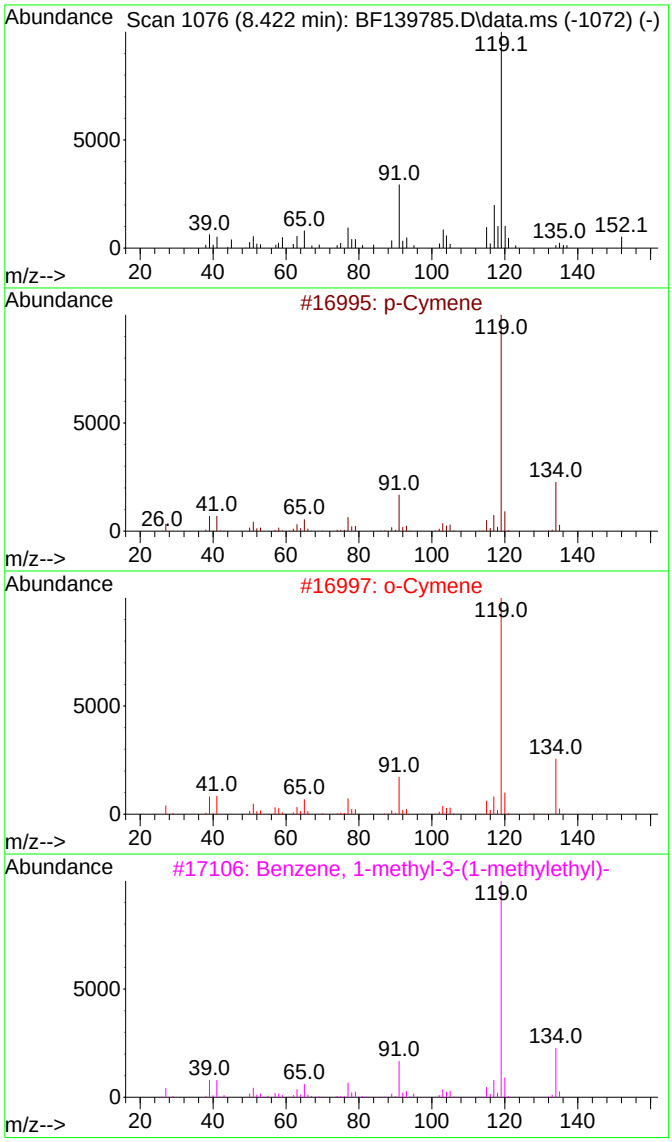
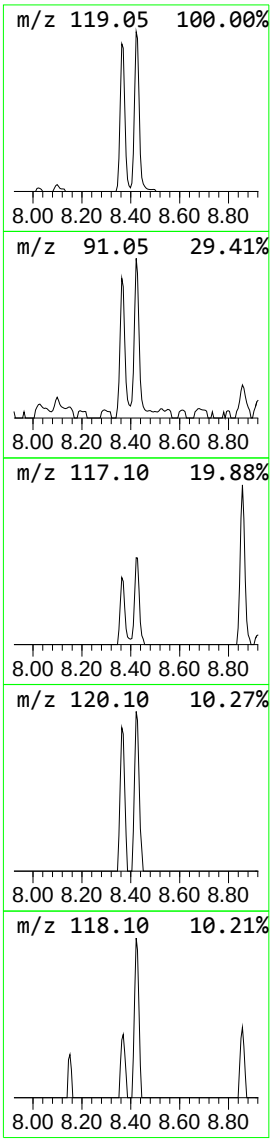
Peak Number 3 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	2.86 ng	55039	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	81
2	o-Cymene	134	C10H14	000527-84-4	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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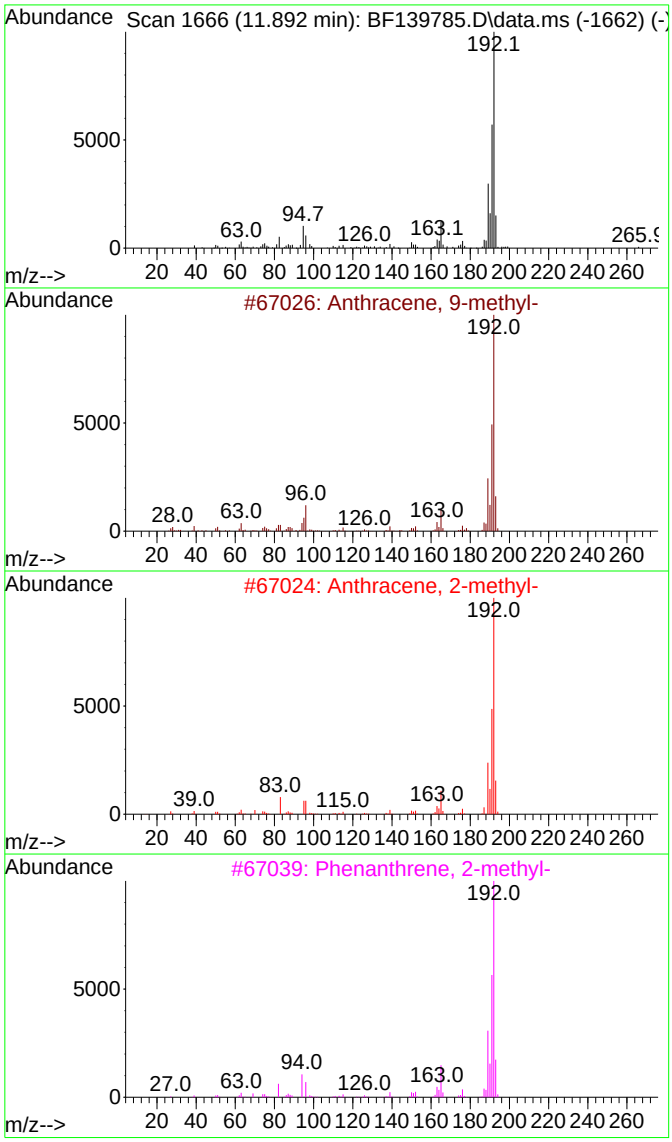
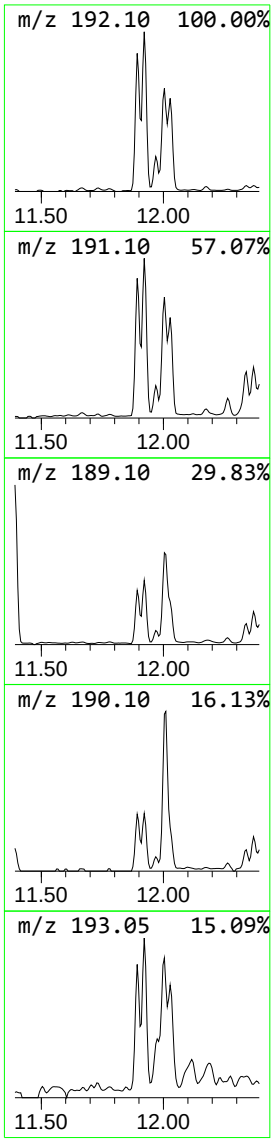
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.00 ng	111443	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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

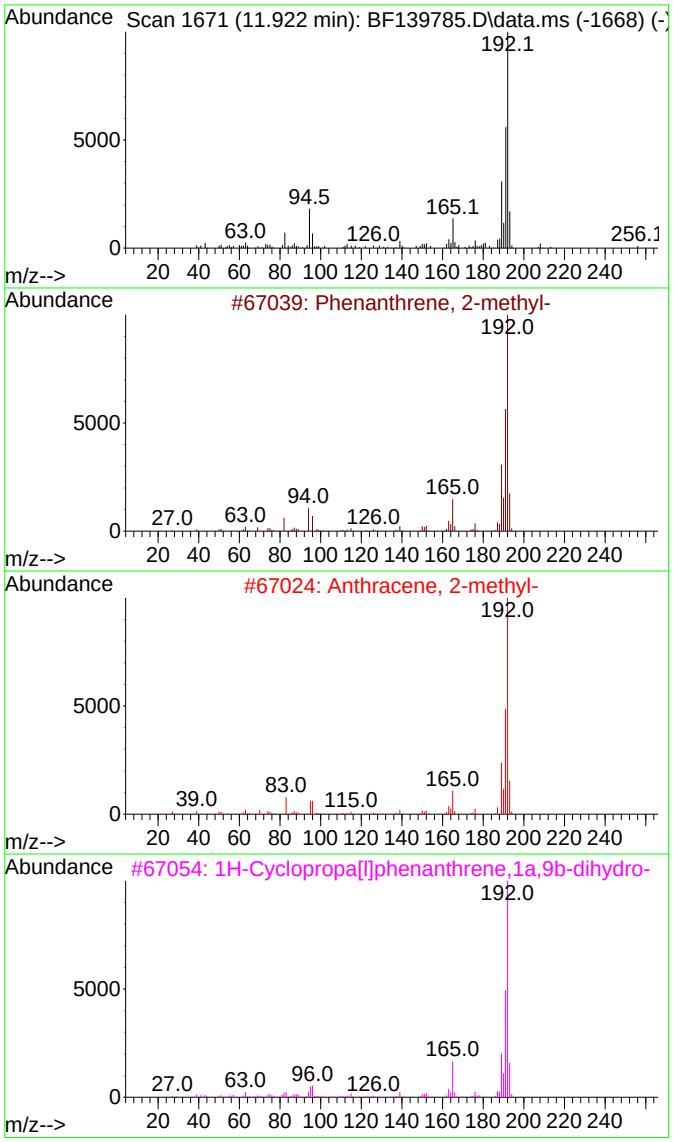
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

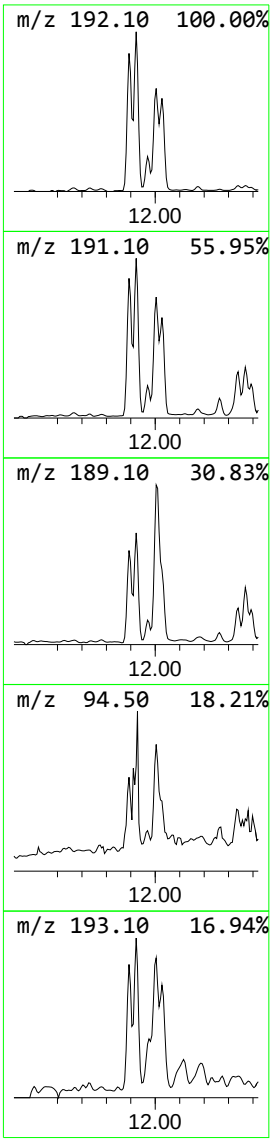
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.54 ng	126498	Phenanthrene-d10	11.392

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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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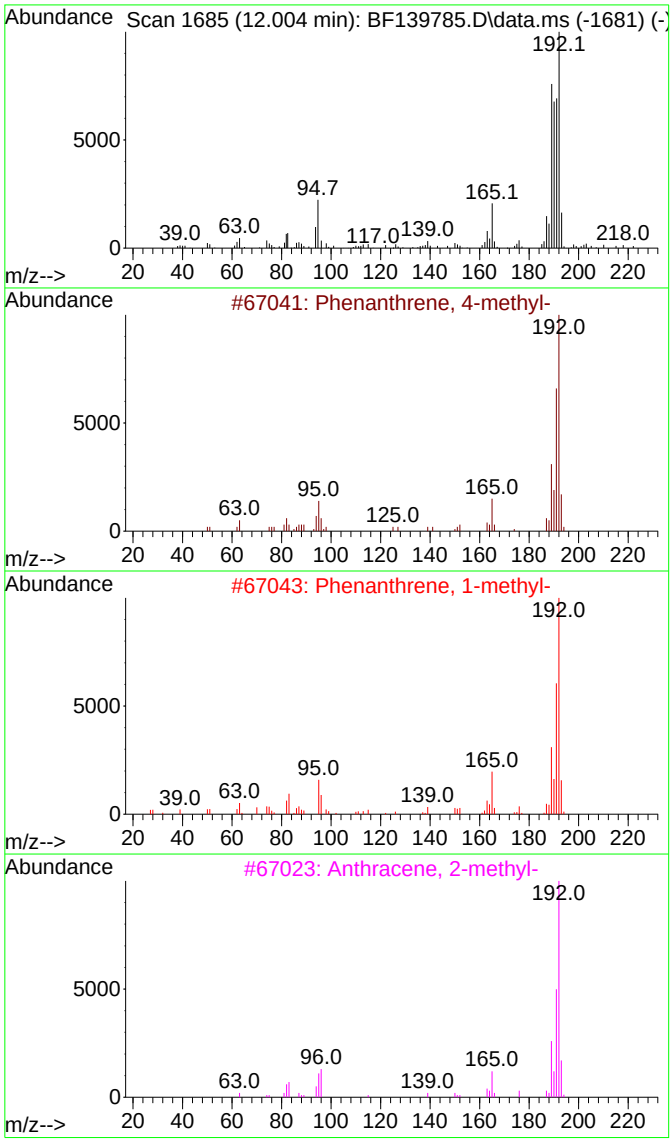
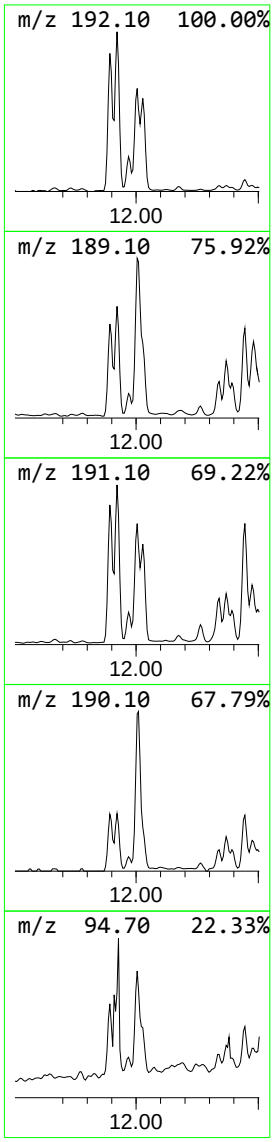
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	4.38 ng	122084	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	51





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Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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

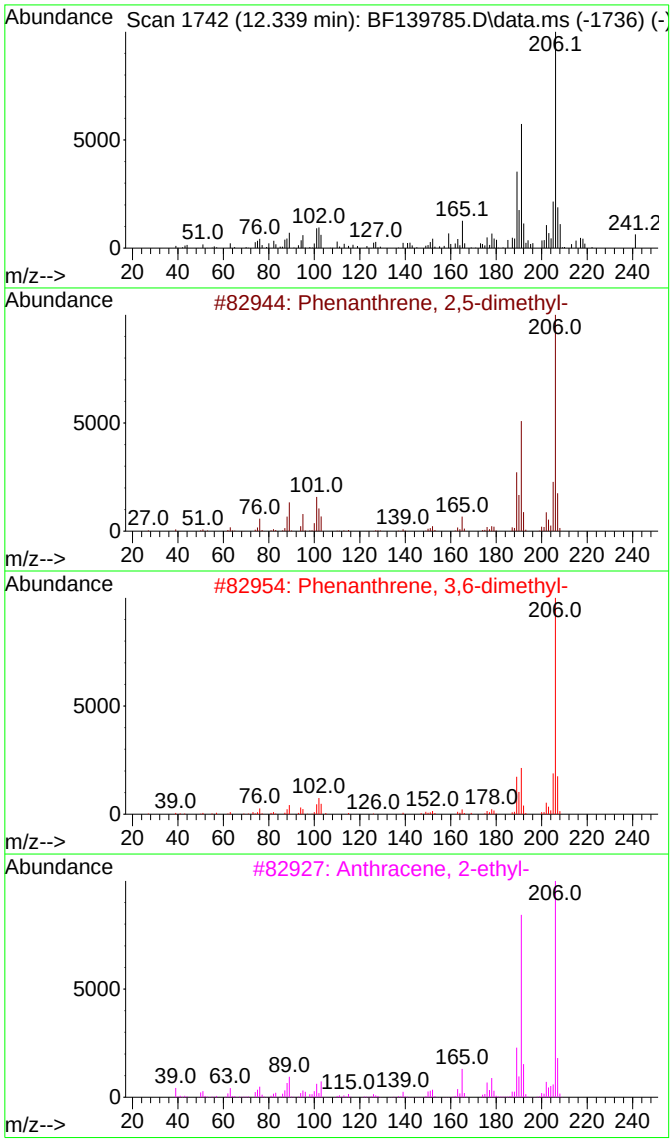
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

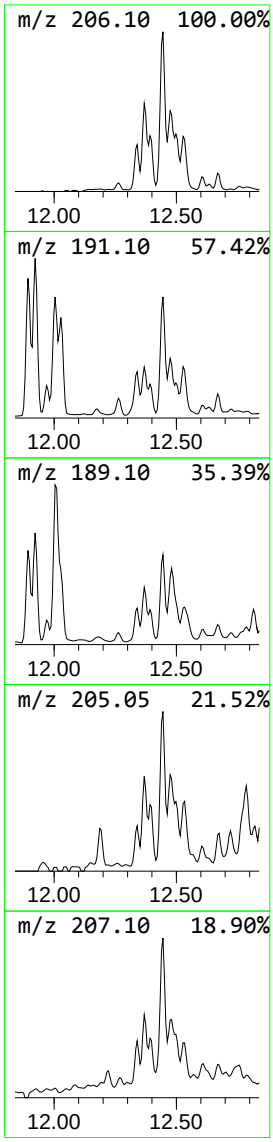
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	2.26 ng	63085	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92





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Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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

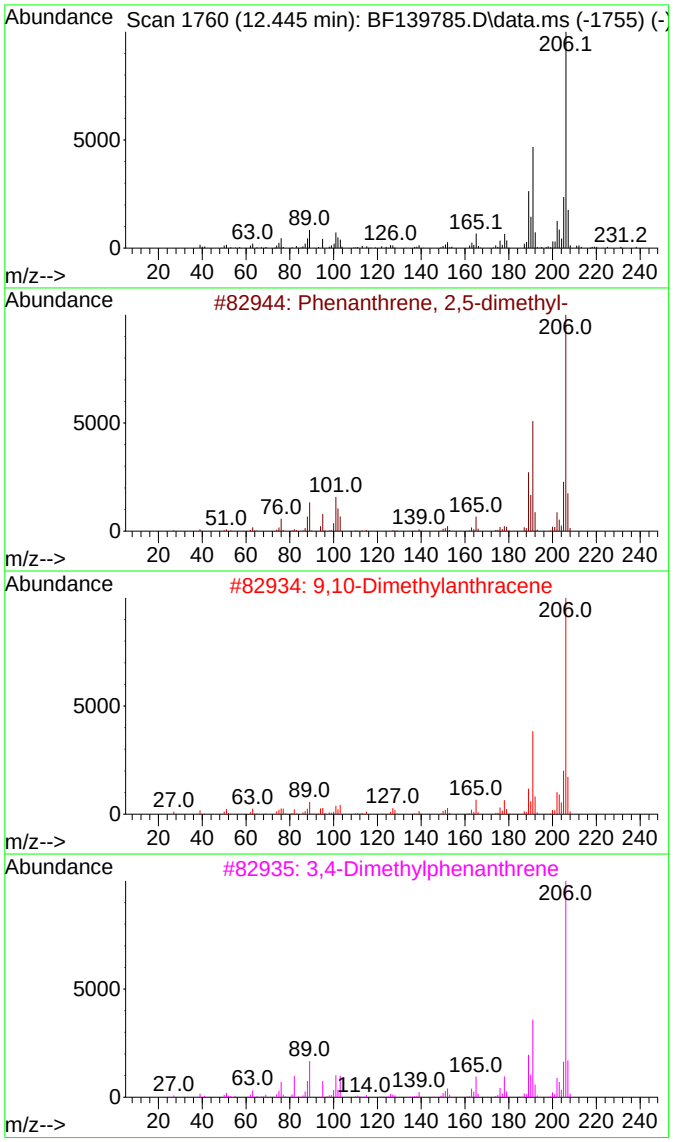
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

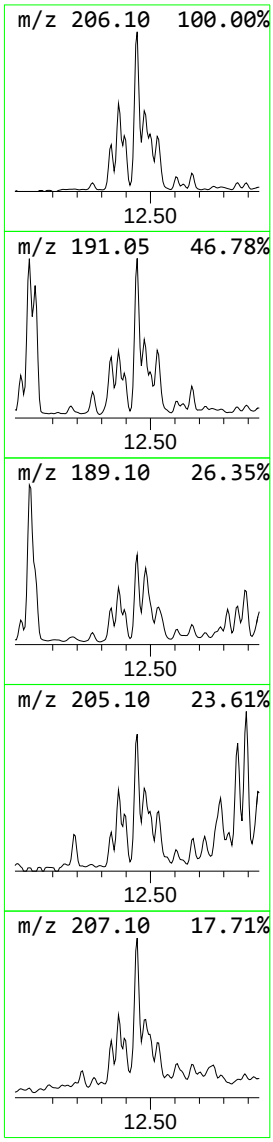
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	5.49 ng	153032	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Acq On : 11 Oct 2024 20:05
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Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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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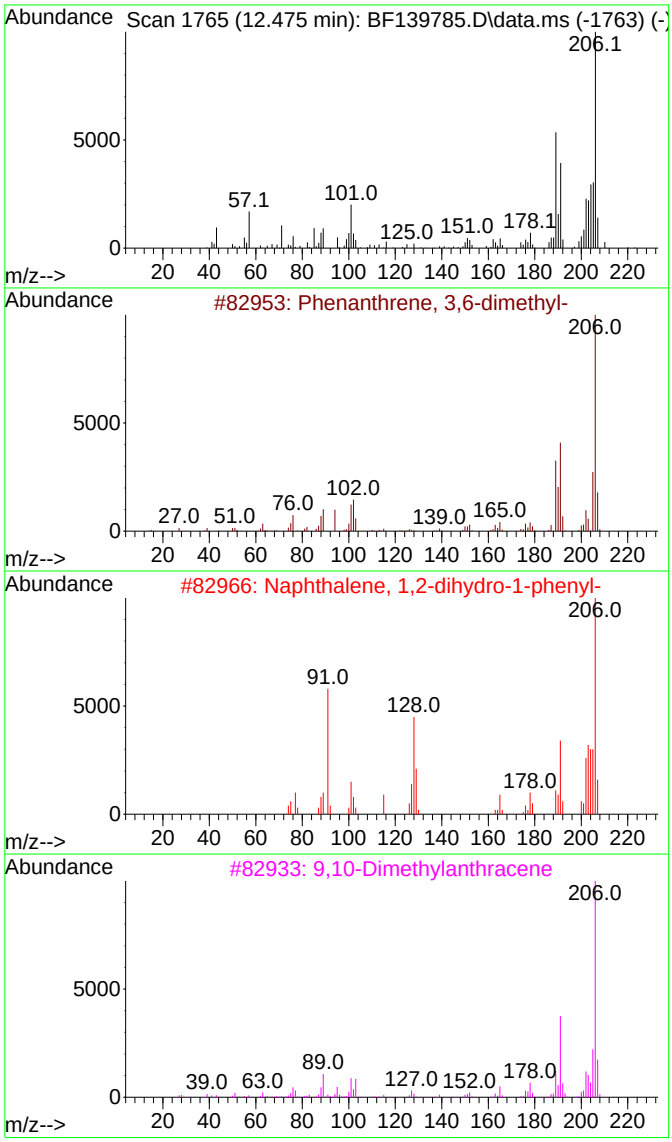
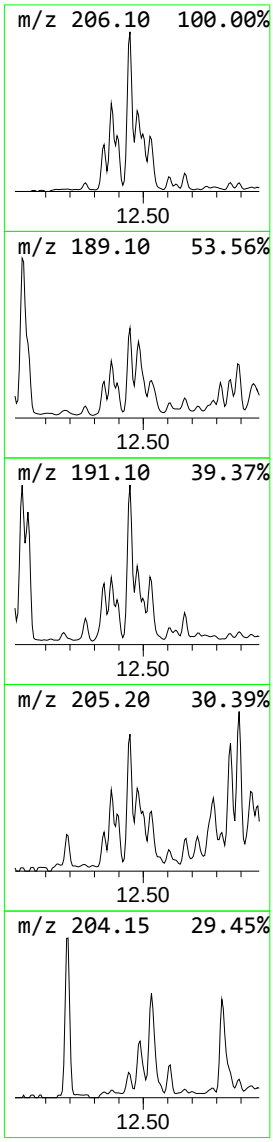
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	3.58 ng	99927	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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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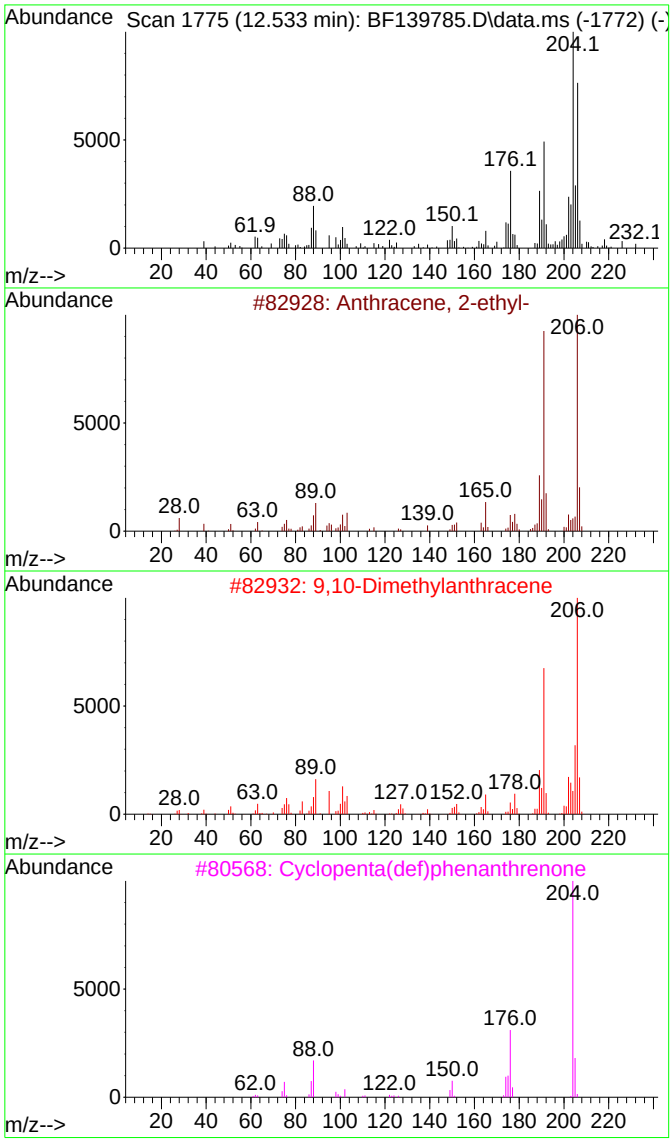
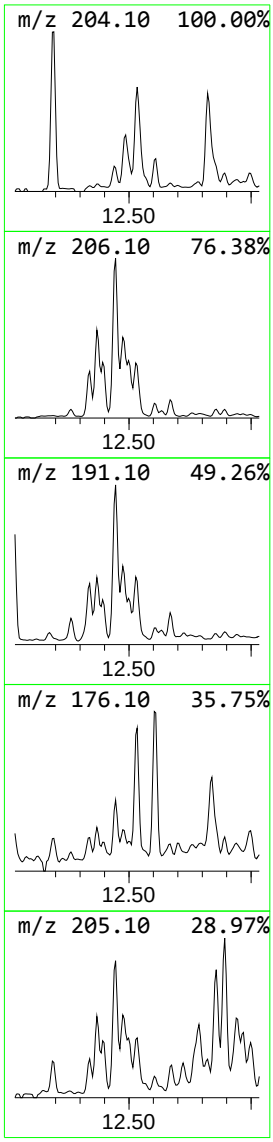
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.37 ng	66037	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50





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Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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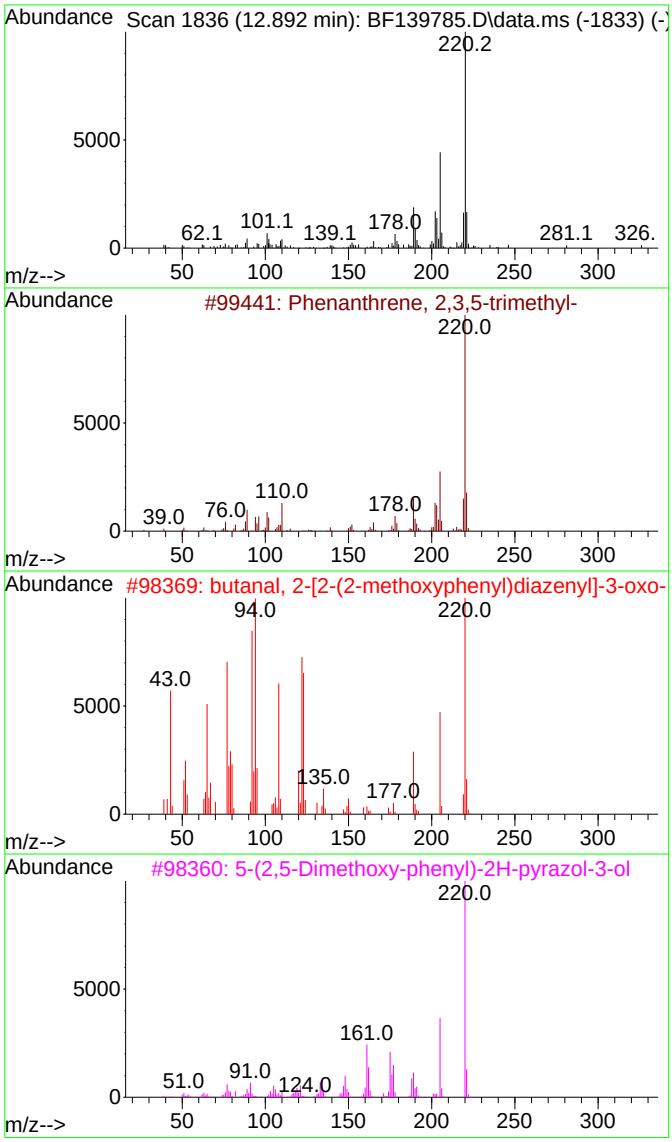
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

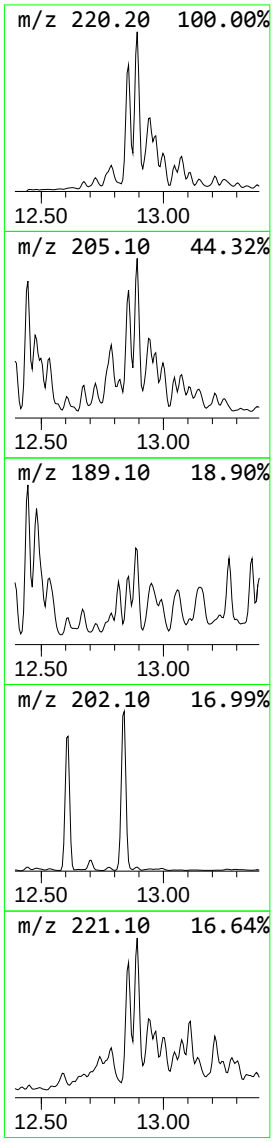
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	2.44 ng	69599	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	80
3	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	64
4	Propan-2-one, 1,1,1-trifluoro-3-...	331	C15H16F3NO4	1000310-90-3	64
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	64





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Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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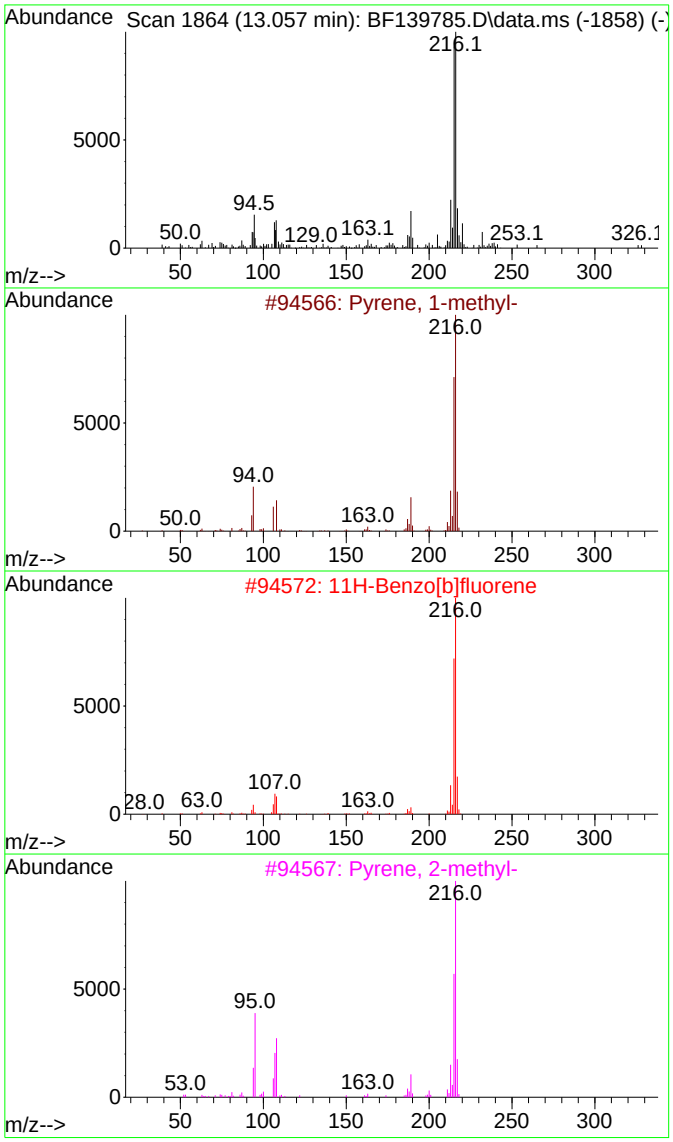
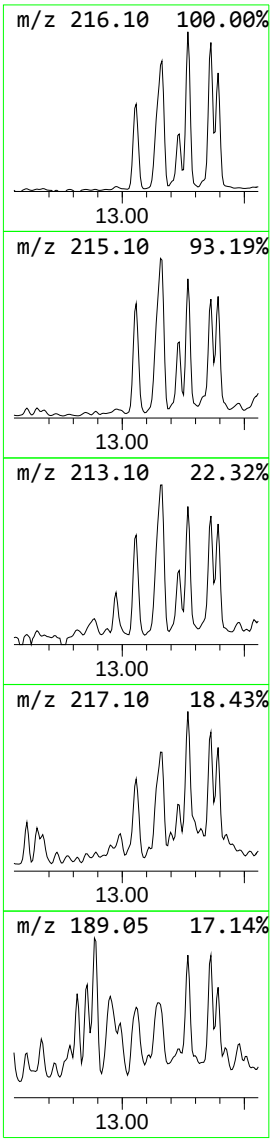
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	4.38 ng	125300	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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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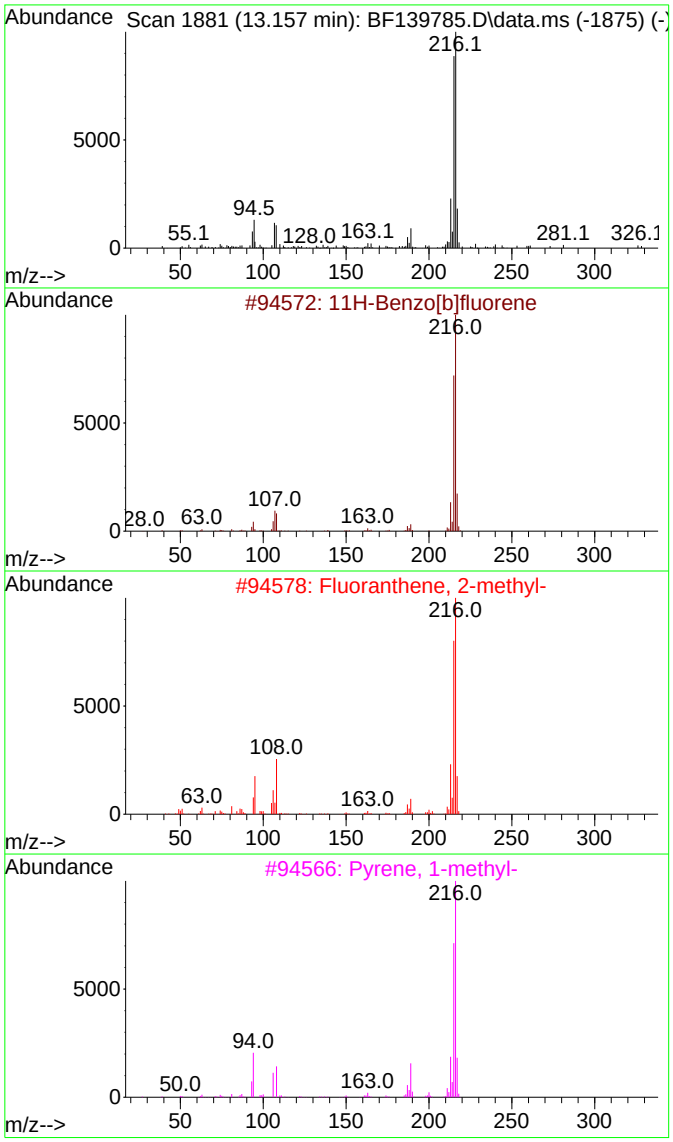
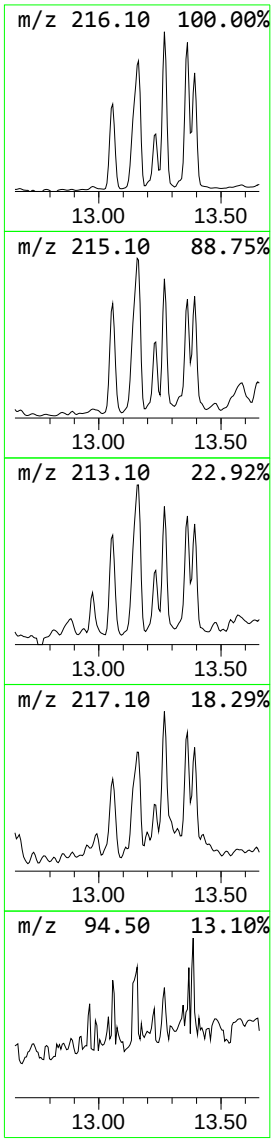
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	4.06 ng	116035	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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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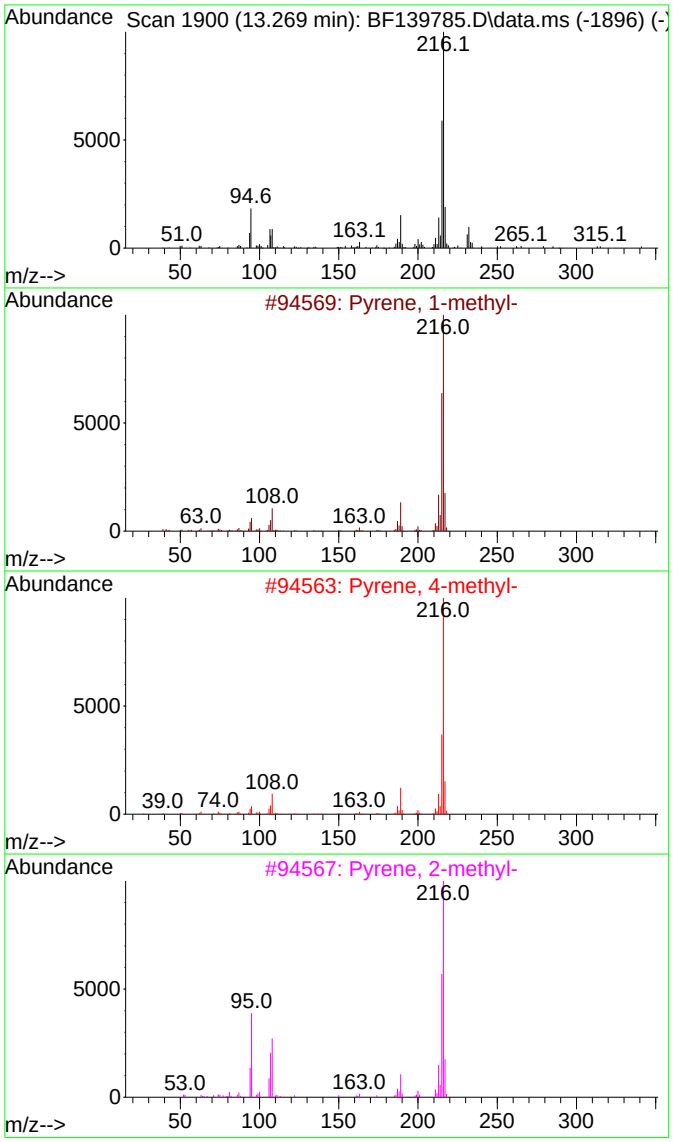
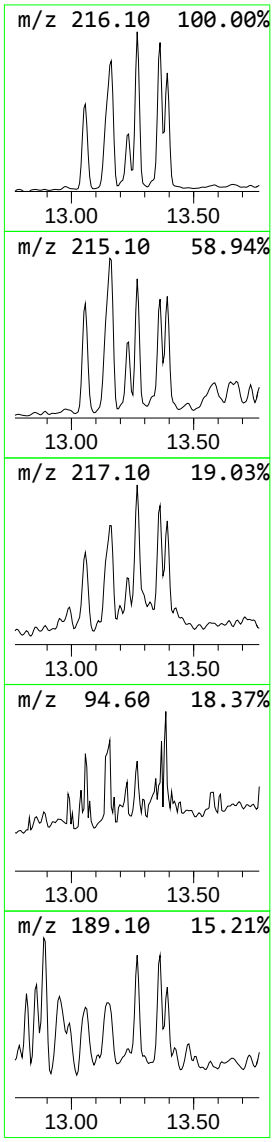
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.53 ng	72329	Chrysene-d12	14.033

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	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-02-2.0-2.5

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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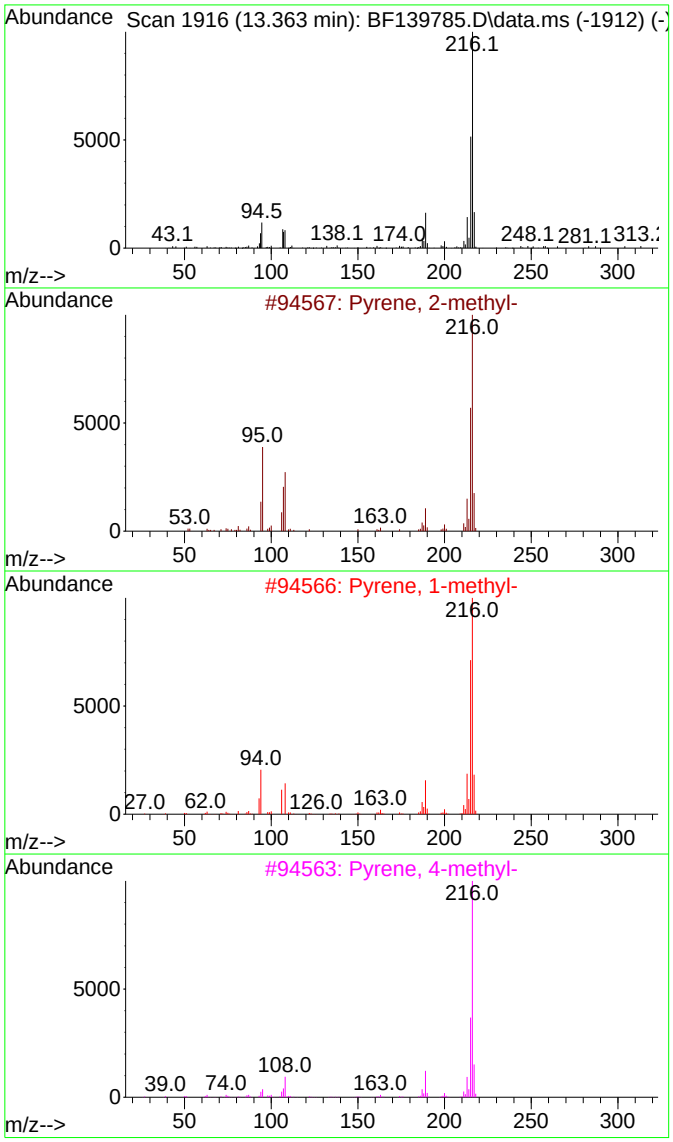
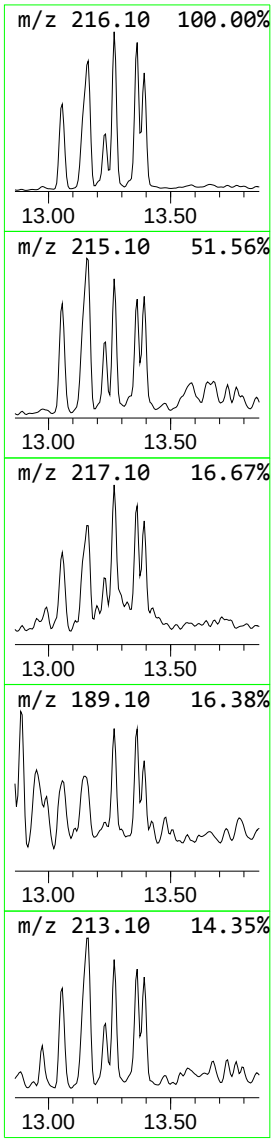
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	2.11 ng	60207	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Tentatively Identified Compound (LSC) summary

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Data File : BF139785.D
Acq On : 11 Oct 2024 20:05
Operator : RC/JU
Sample : P4364-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-2.0-2.5

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
Benzenemethanet...	7.728	4.5	ng	87219	2	8.151	385237	20.0
o-Cymene	8.363	2.4	ng	45186	2	8.151	385237	20.0
p-Cymene	8.422	2.9	ng	55039	2	8.151	385237	20.0
Anthracene, 9-m...	11.892	4.0	ng	111443	4	11.392	557850	20.0
Phenanthrene, 2...	11.922	4.5	ng	126498	4	11.392	557850	20.0
Phenanthrene, 4...	12.004	4.4	ng	122084	4	11.392	557850	20.0
Phenanthrene, 2...	12.339	2.3	ng	63085	4	11.392	557850	20.0
9,10-Dimethylan...	12.445	5.5	ng	153032	4	11.392	557850	20.0
Phenanthrene, 3...	12.475	3.6	ng	99927	4	11.392	557850	20.0
Anthracene, 2-e...	12.533	2.4	ng	66037	4	11.392	557850	20.0
Phenanthrene, 2...	12.892	2.4	ng	69599	5	14.033	571494	20.0
Pyrene, 1-methyl-	13.057	4.4	ng	125300	5	14.033	571494	20.0
11H-Benzo[b]flu...	13.157	4.1	ng	116035	5	14.033	571494	20.0
Pyrene, 4-methyl-	13.269	2.5	ng	72329	5	14.033	571494	20.0
Pyrene, 2-methyl-	13.363	2.1	ng	60207	5	14.033	571494	20.0