LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-3.5-013025

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	559	564	584	rVB	1284030	1774726	39.96%	3.526%
2	6.434	732	738	753	rBV	1334365	1877865	42.28%	3.731%
3	6.792	793	799	805	rVB	403530	520322	11.71%	1.034%
4	7.351	884	894	899	rBV	901132	1204430	27.12%	2.393%
5	7.610	932	938	944	rVB2	44784	70534	1.59%	0.140%
6	8.075	1010	1017	1025	rBV2	503108	987979	22.24%	1.963%
7	8.786	1134	1138	1145	rVB	123238	152723	3.44%	0.303%
8	8.880	1150	1154	1162	rVB	102776	141341	3.18%	0.281%
9	9.145	1194	1199	1208	rBV	1337035	1685718	37.95%	3.350%
10	9.345	1229	1233	1239	rVB	32847	48536	1.09%	0.096%
11	9.410	1239	1244	1249	rBV	70492	114844	2.59%	0.228%
12	9.486	1252	1257	1259	rBV	109823	149329	3.36%	0.297%
13	9.510	1259	1261	1266	rVB2	44528	53090	1.20%	0.105%
14	9.604	1272	1277	1282	rBV2	52397	84137	1.89%	0.167%
15	9.686	1287	1291	1296	rVB	99981	125060	2.82%	0.248%
16	9.827	1308	1315	1318	rBV	532720	724538	16.31%	1.440%
17	9.857	1318	1320	1325	rVV	278228	337561	7.60%	0.671%
18	9.933	1329	1333	1337	rVB	33580	47823	1.08%	0.095%
19	9.980	1337	1341	1345	rBV2	48104	72392	1.63%	0.144%
20	10.033	1345	1350	1354	rVV	223011	310523	6.99%	0.617%
21	10.069	1354	1356	1364	rVB	51506	64820	1.46%	0.129%
22	10.145	1365	1369	1371	rBV	49988	67061	1.51%	0.133%
23	10.169	1371	1373	1379	rVB	40510	55472	1.25%	0.110%
24	10.233	1380	1384	1391	rBV2	53708	111605	2.51%	0.222%
25	10.374	1403	1408	1413	rBV	356559	454568	10.23%	0.903%
26	10.439	1413	1419	1421	rBV	71353	129834	2.92%	0.258%
27	10.539	1431	1436	1441	rVB2	182673	287895	6.48%	0.572%
28	10.616	1444	1449	1454	rBV	893392	1171206	26.37%	2.327%
29	10.739	1466	1470	1477	rVB4	65311	110607	2.49%	0.220%
30	10.922	1495	1501	1504	rBV3	115121	203815	4.59%	0.405%
31	10.951	1504	1506	1509	rVB2	53210	53582	1.21%	0.106%
32	11.004	1513	1515	1518	rVB2	49142	53028	1.19%	0.105%
33	11.051	1518	1523	1525	rBV2	61186	100475	2.26%	0.200%
34	11.122	1531	1535	1539	rVB	93790	112663	2.54%	0.224%
35	11.169	1539	1543	1547	rVV3	102655	182561	4.11%	0.363%
36	11.210	1547	1550	1557	rVB	173990	238895	5.38%	0.475%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
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Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.345	1563	1573	1577	rBV2	2596985	4038398	90.92%	8.024%
38	11.392	1577	1581	1585	rVV	686395	880036	19.81%	1.749%
39	11.427	1585	1587	1591	rVB2	71217	78556	1.77%	0.156%
40	11.545	1602	1607	1615	rBV2	208105	368408	8.29%	0.732%
41	11.610	1615	1618	1621	rVV	72493	93240	2.10%	0.185%
42	11.645	1621	1624	1630	rVB2	82670	120017	2.70%	0.238%
43	11.780	1643	1647	1649	rBV2	37849	63412	1.43%	0.126%
44	11.816	1649	1653	1656	rVV	417444	637639	14.36%	1.267%
45	11.851	1656	1659	1663	rVV	835459	1077581	24.26%	2.141%
46	11.892	1663	1666	1669	rVV	251733	350617	7.89%	0.697%
47	11.933	1669	1673	1681	rVB	724187	1449712	32.64%	2.881%
48	12.021	1681	1688	1691	rBV5	66660	161386	3.63%	0.321%
49	12.057	1691	1694	1698	rVV4	125729	182568	4.11%	0.363%
50	12.116	1700	1704	1707	rVV	277712	425741	9.59%	0.846%
51	12.174	1711	1714	1720	rVB2	194218	290666	6.54%	0.578%
52	12.263	1725	1729	1732	rBV	138175	185093	4.17%	0.368%
53	12.292	1732	1734	1737	rBV	65082	73607	1.66%	0.146%
54	12.368	1743	1747	1751	rBV	317059	517118	11.64%	1.028%
55	12.410	1751	1754	1759	rVV2	207609	344709	7.76%	0.685%
56	12.463	1759	1763	1768	rVB2	196497	286451	6.45%	0.569%
57	12.539	1770	1776	1781	rBV	3002909	4147206	93.37%	8.241%
58	12.633	1789	1792	1795	rBV2	82831	98898	2.23%	0.197%
59	12.768	1808	1815	1820	rBV	2723028	4441521	100.00%	8.826%
60	12.810	1820	1822	1828	rVB2	189820	278633	6.27%	0.554%
61	12.904	1830	1838	1845	rVB3	1018577	1762701	39.69%	3.503%
62	12.980	1846	1851	1858	rBV4	293832	600847	13.53%	1.194%
63	13.045	1859	1862	1863	rBV2	74184	89370	2.01%	0.178%
64	13.092	1863	1870	1874	rVB	451376	857623	19.31%	1.704%
65	13.157	1878	1881	1884	rVV2	274521	330335	7.44%	0.656%
66	13.192	1884	1887	1895	rVB3	331937	521660	11.75%	1.037%
67	13.292	1900	1904	1906	rBV	163701	214039	4.82%	0.425%
68	13.321	1906	1909	1913	rVB2	158708	191215	4.31%	0.380%
69	13.604	1954	1957	1961	rVB	191660	251636	5.67%	0.500%
70	13.710	1971	1975	1977	rBV2	232639	317632	7.15%	0.631%
71	13.739	1978	1980	1982	rVV	125357	131281	2.96%	0.261%
72	13.810	1990	1992	2001	rVB	189035	238403	5.37%	0.474%
73	13.957	2011	2017	2021	rBV2	1510776	2773787	62.45%	5.512%
74	13.992	2021	2023	2030	rVB	1230386	1557000	35.06%	3.094%
75	14.068	2034	2036	2040	rVB	139218	165493	3.73%	0.329%
76	14.357	2082	2085	2088	rVB	201234	227810	5.13%	0.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.015	2191	2197	2205	rBV	907685	2092072	47.10%	4.157%
78	15.115	2211	2214	2218	rVB	144191	172986	3.89%	0.344%
79	15.309	2243	2247	2252	rVB	491121	766313	17.25%	1.523%
80	15.374	2253	2258	2263	rVB	714408	1109095	24.97%	2.204%
81	15.433	2264	2268	2270	rBV	181501	285612	6.43%	0.568%
82	16.880	2508	2514	2521	rVB2	309047	661867	14.90%	1.315%
83	17.321	2584	2589	2600	rVB	239346	534414	12.03%	1.062%

Sum of corrected areas: 50325962

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Operator : RC/JU
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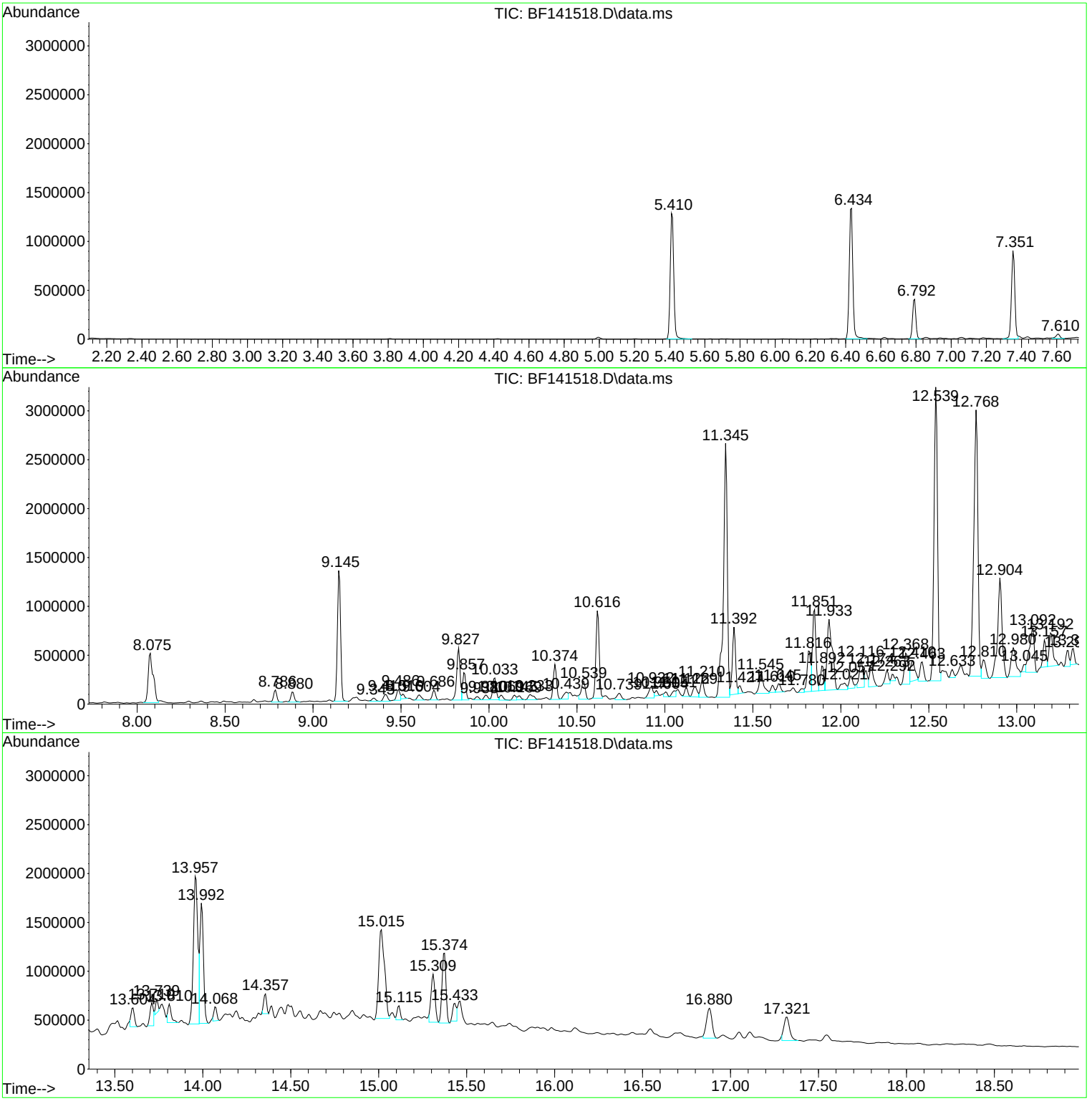
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF020725\
Data File : BF141518.D
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Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

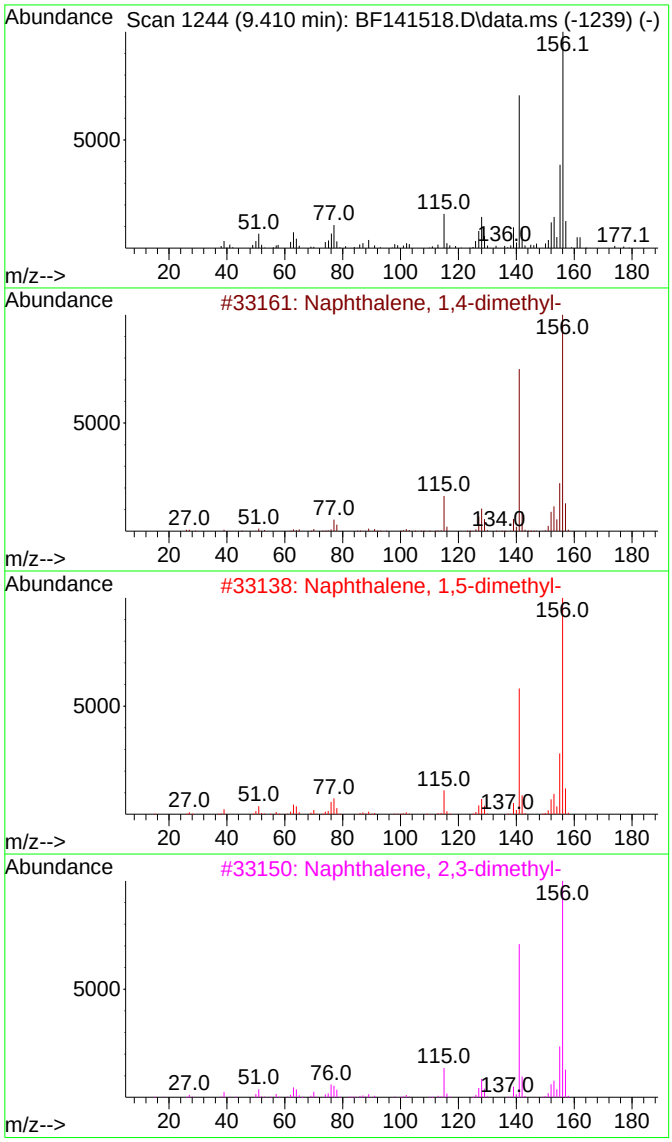
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

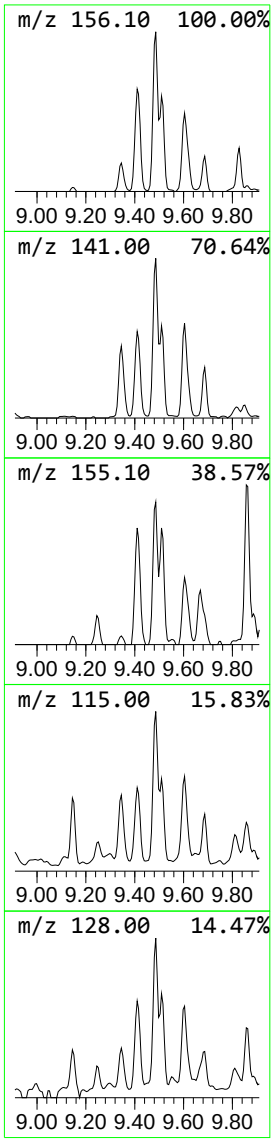
****

Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	3.17 ng	114844	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

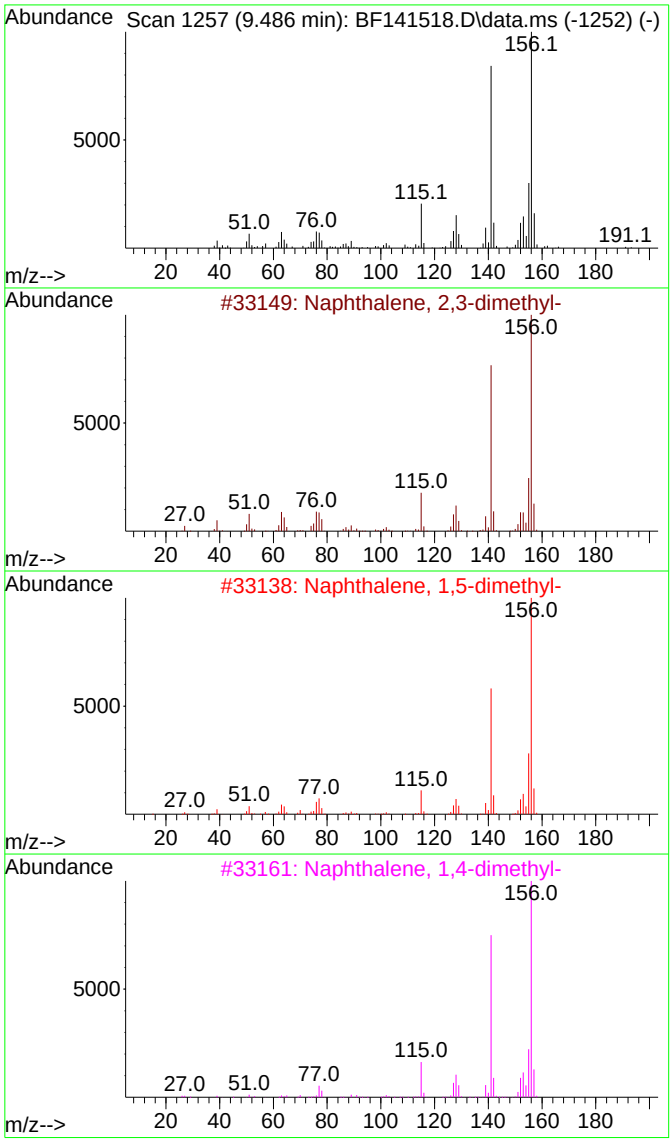
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

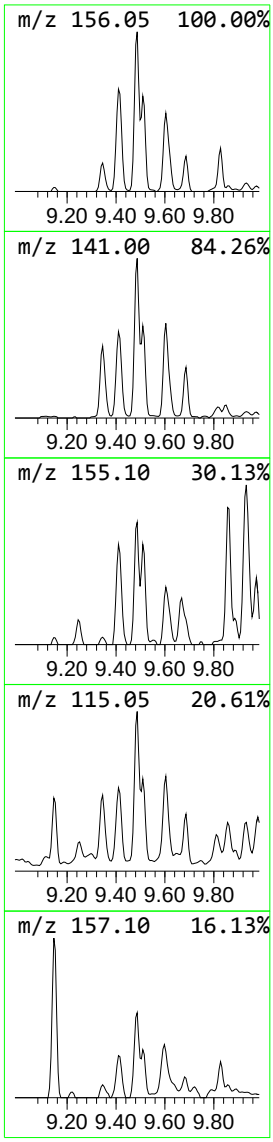
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.12 ng	149329	Acenaphthene-d10	9.827

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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

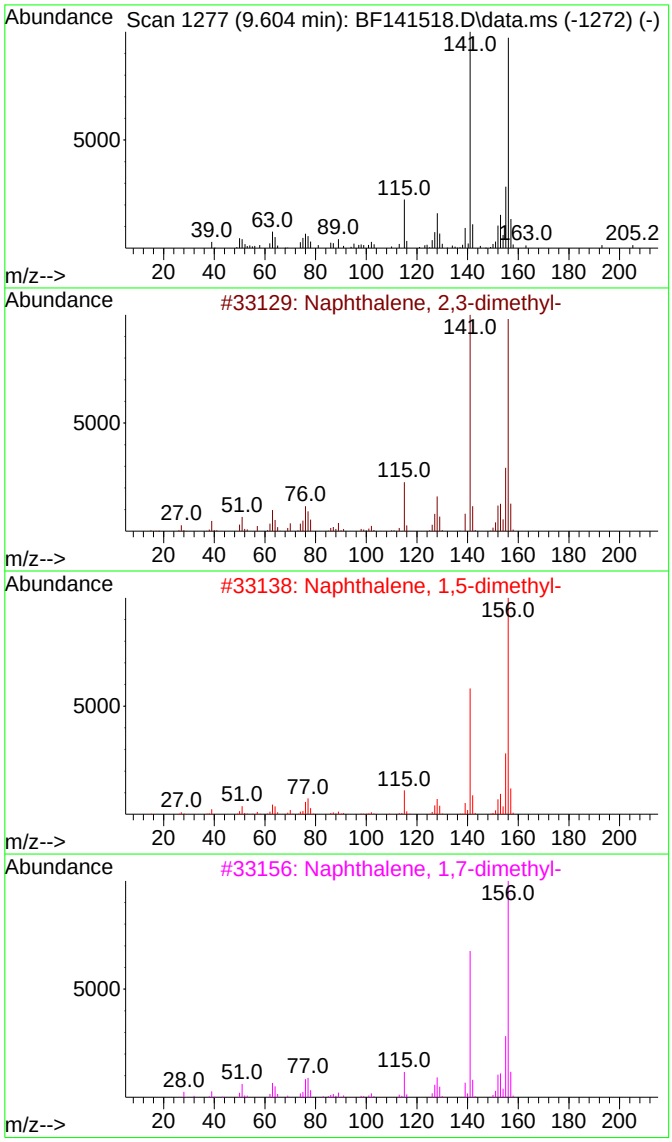
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

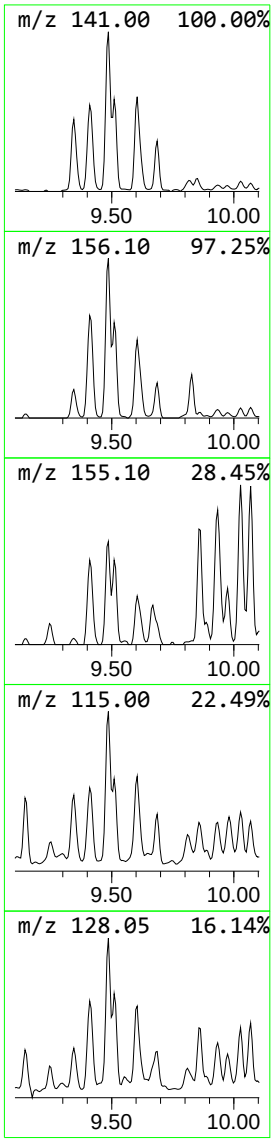
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	2.32 ng	84137	Acenaphthene-d10	9.827

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	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Operator : RC/JU
Sample : Q1241-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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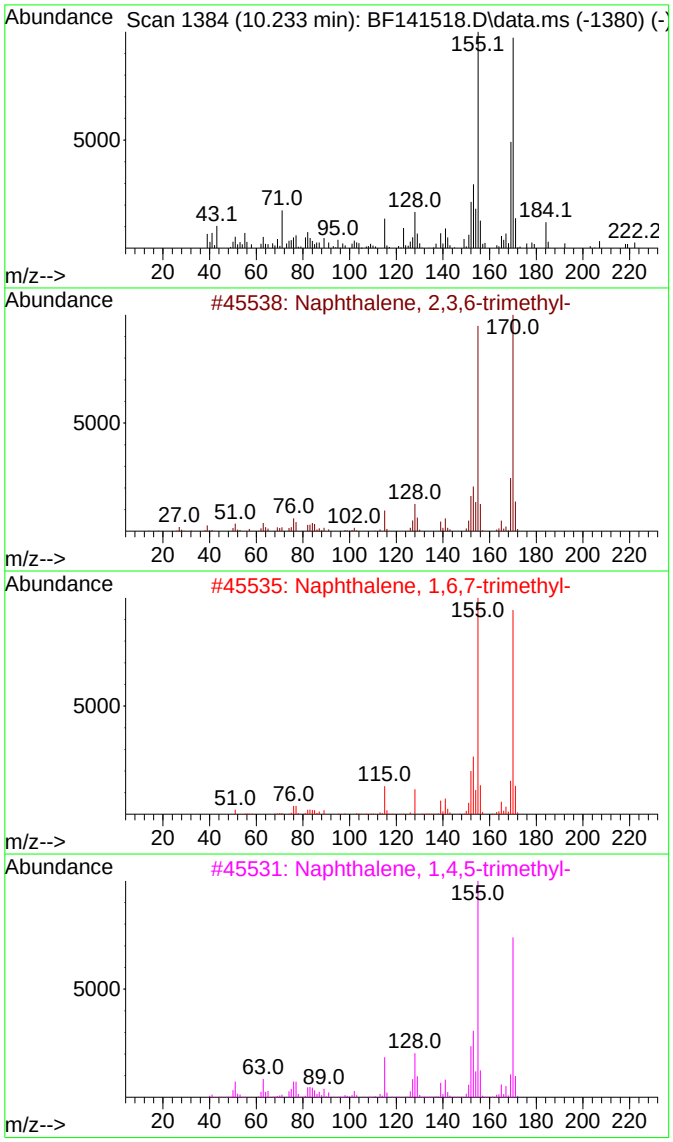
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

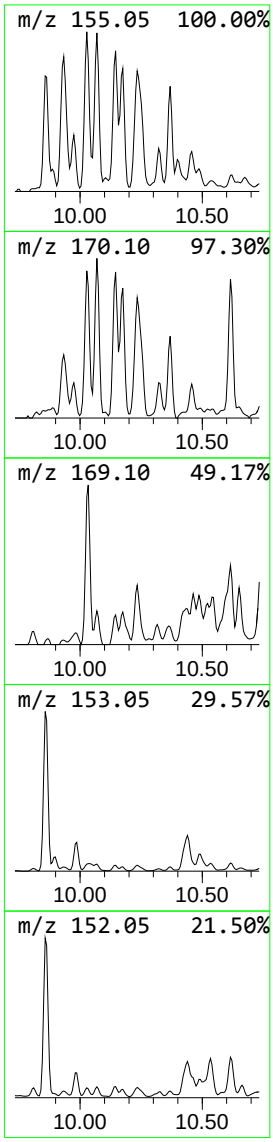
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	3.08 ng	111605	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

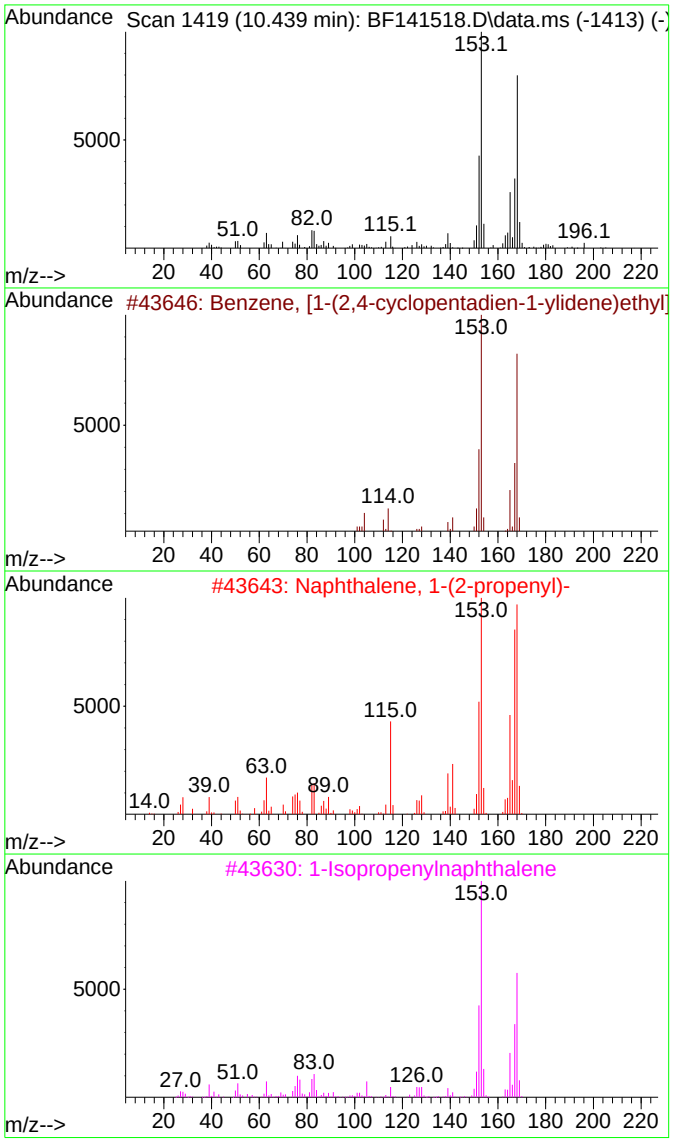
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

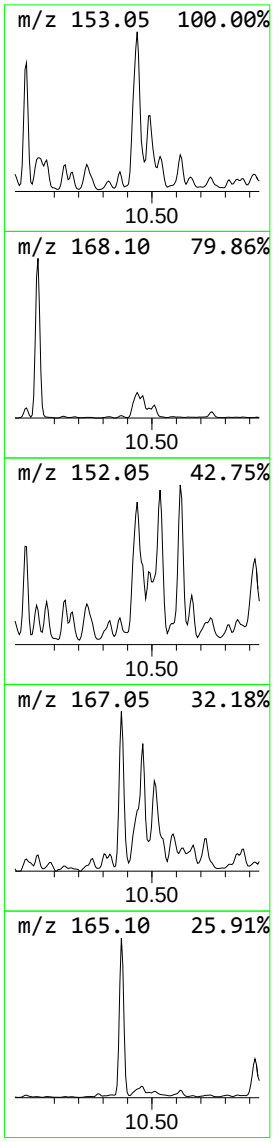
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	3.58 ng	129834	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

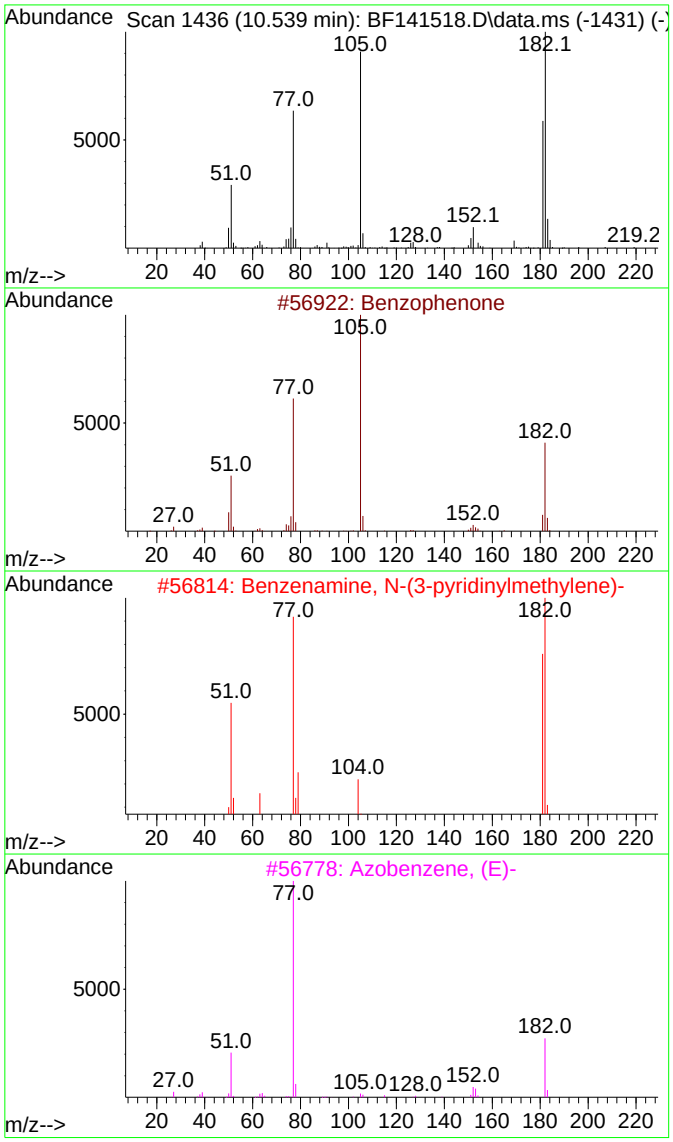
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

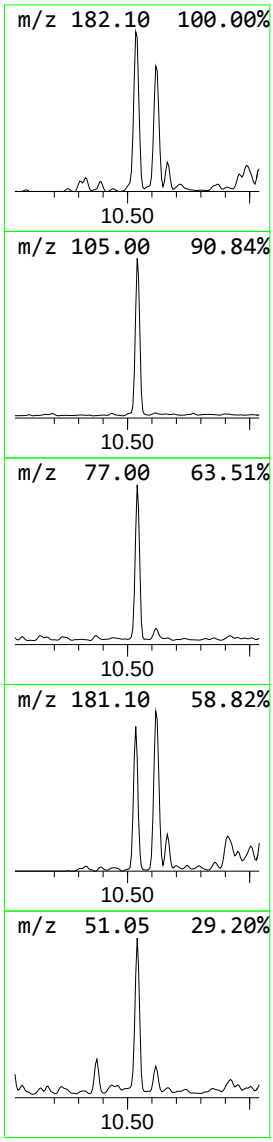
****

Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	7.95 ng	287895	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	64
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	49
5	Azobenzene	182	C12H10N2	000103-33-3	47





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Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
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ClientSampleId :
JPP-3.5-013025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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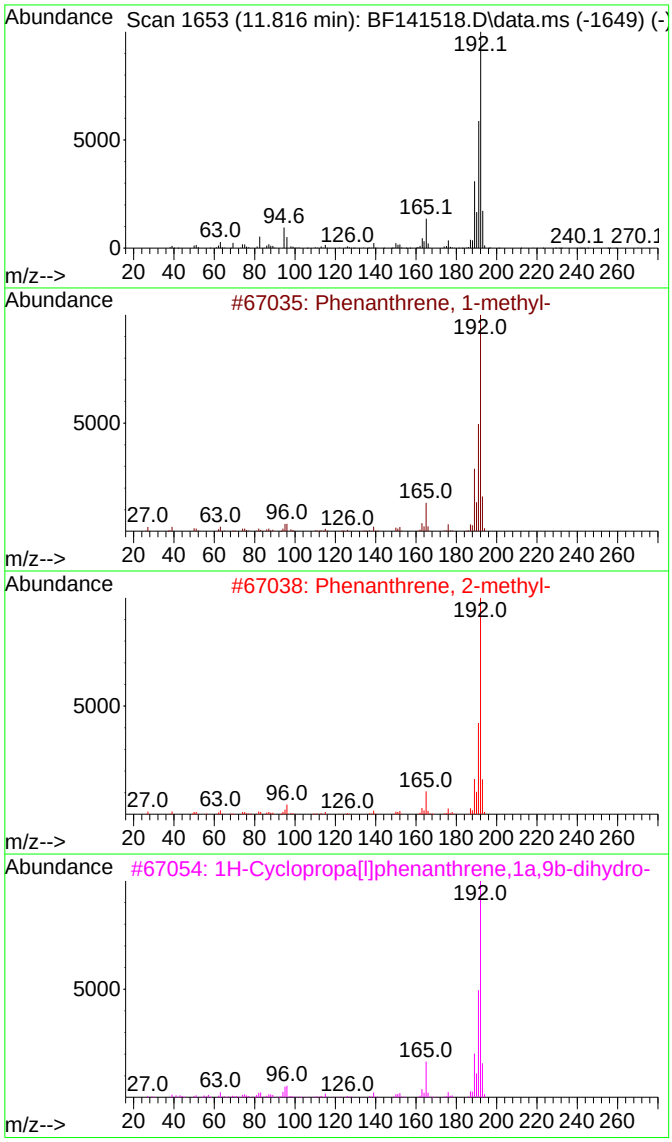
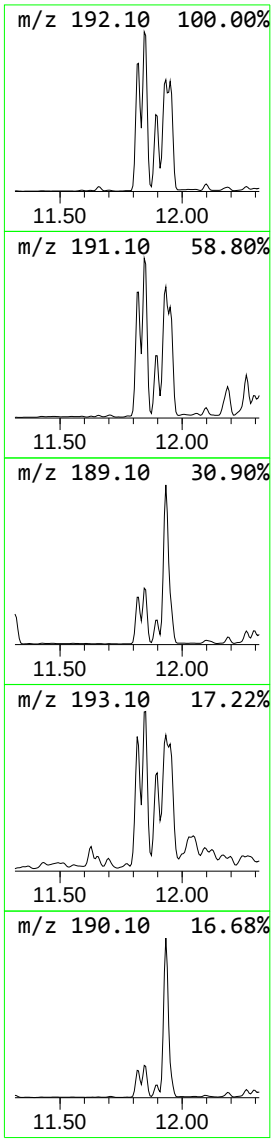
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	3.16 ng	637639	Phenanthrene-d10	11.316

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





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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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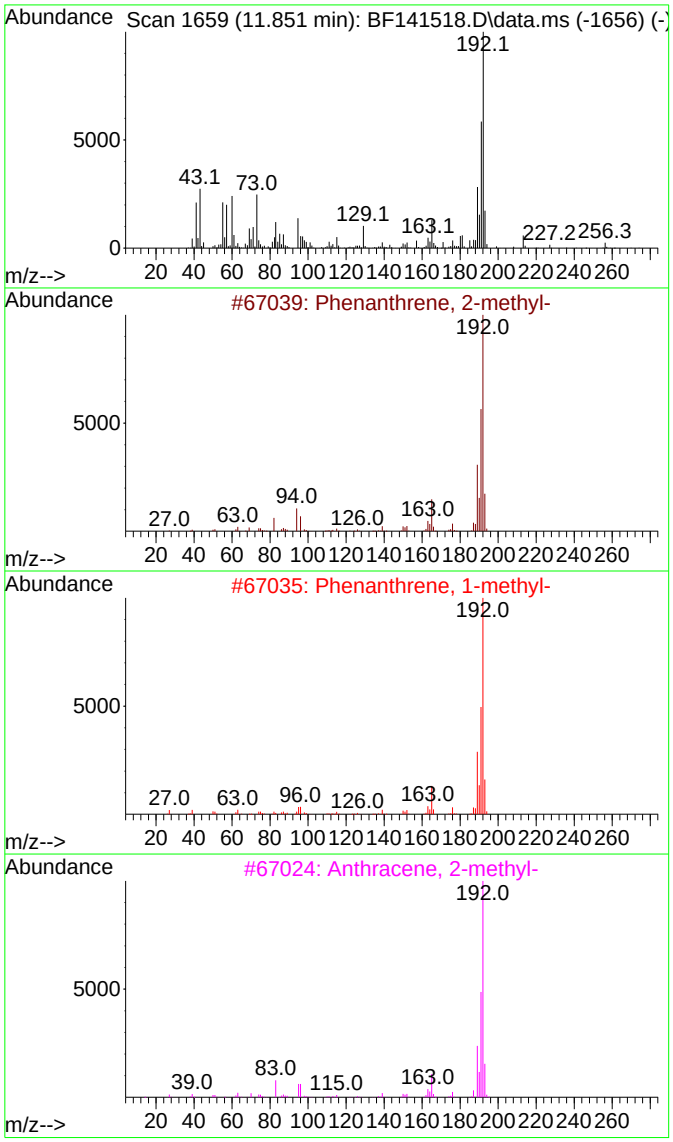
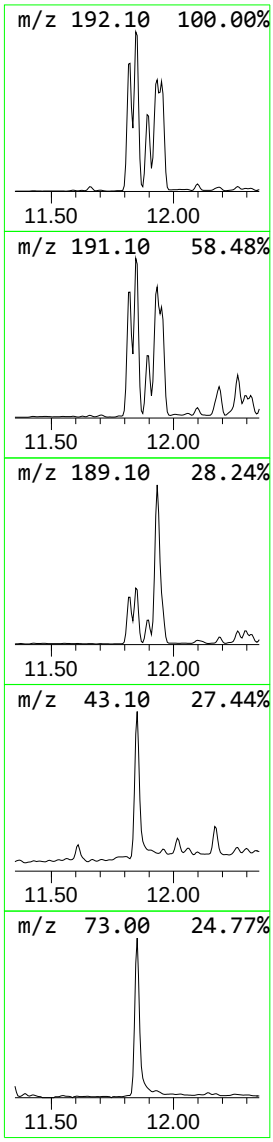
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	5.34 ng	1077580	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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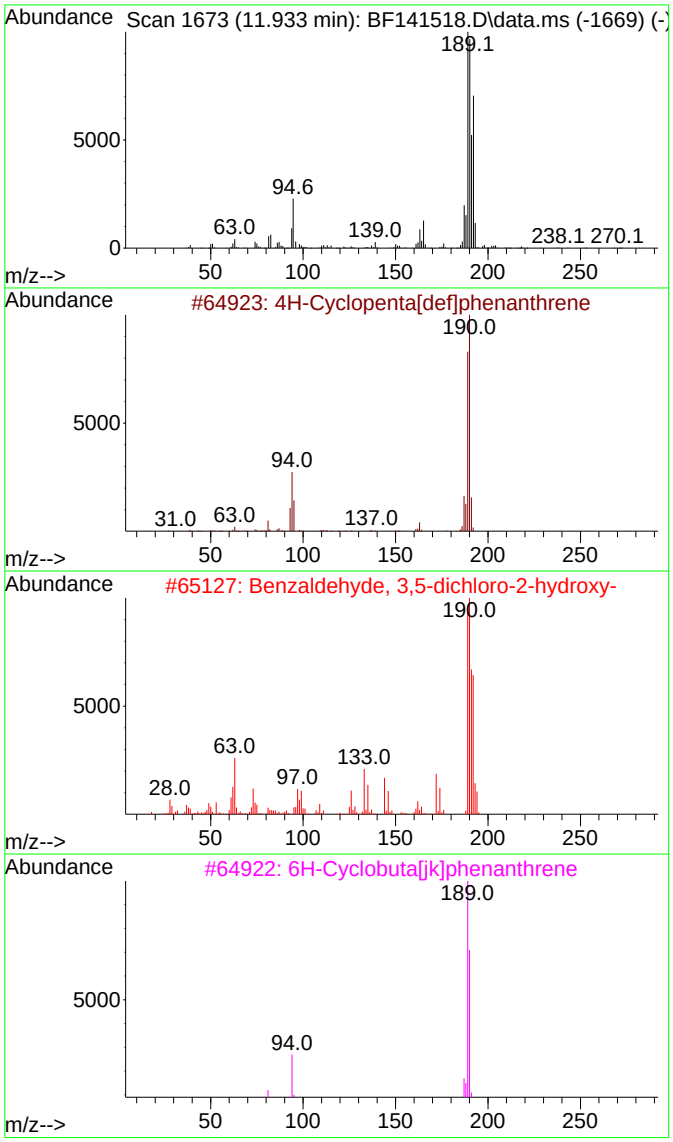
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

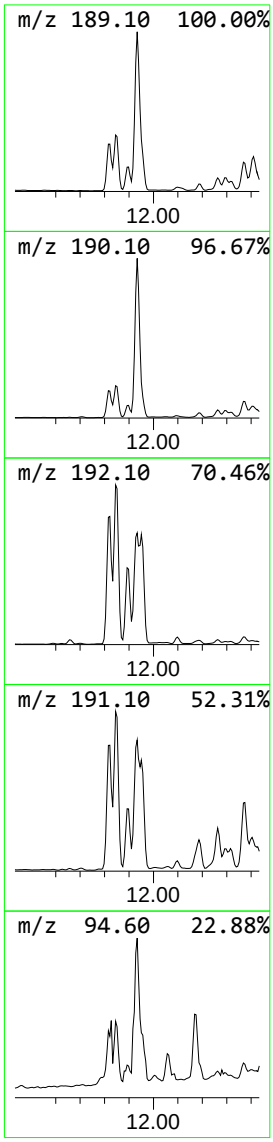
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	7.18 ng	1449710	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	50
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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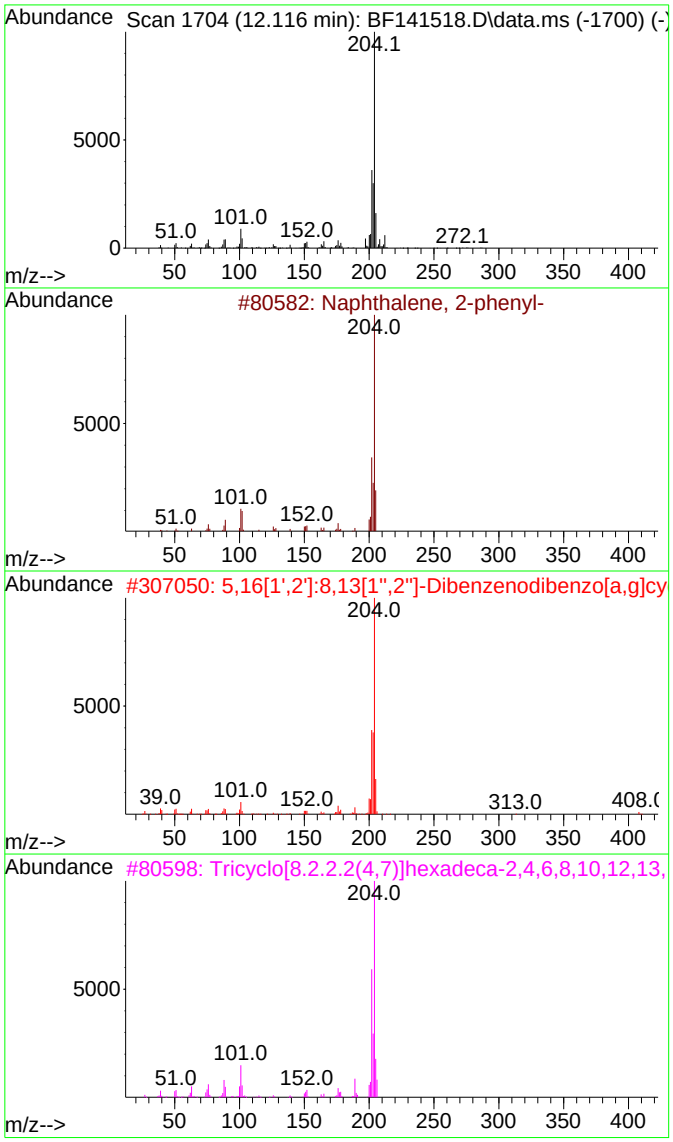
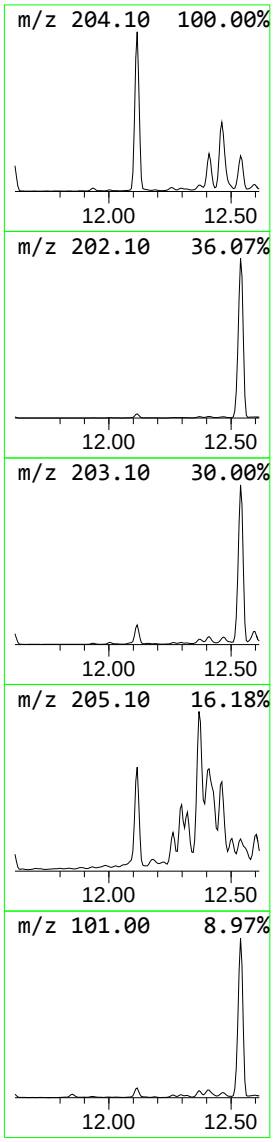
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.11 ng	425741	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52





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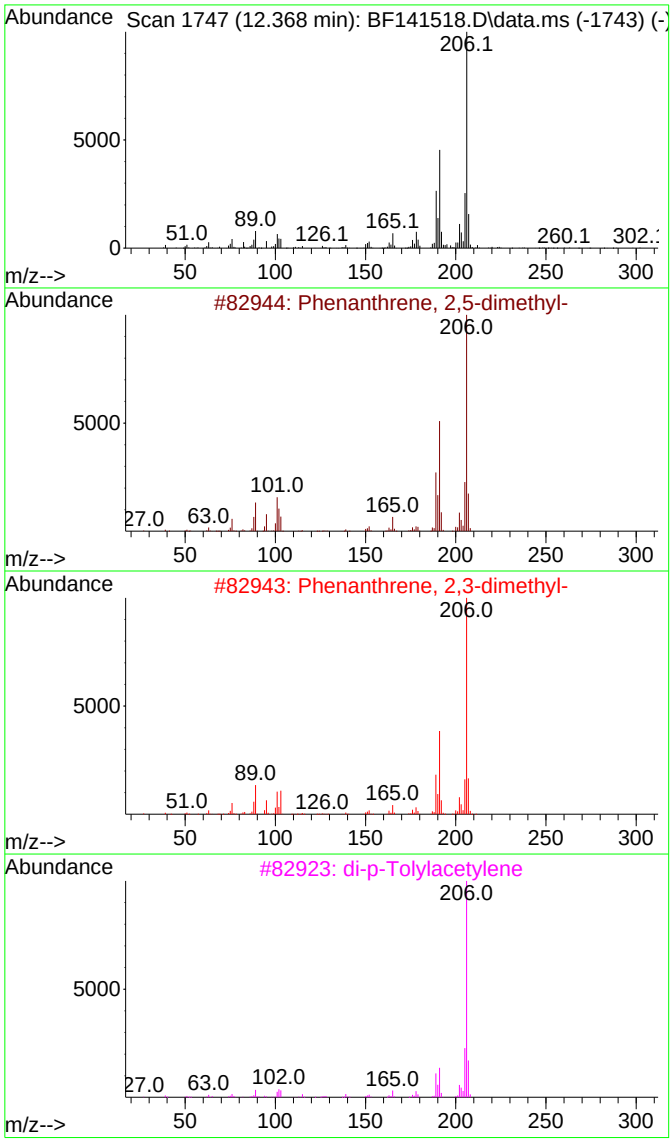
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

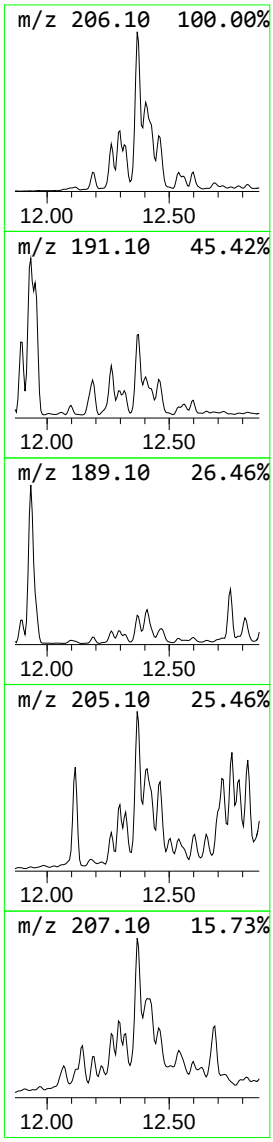
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.56 ng	517118	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

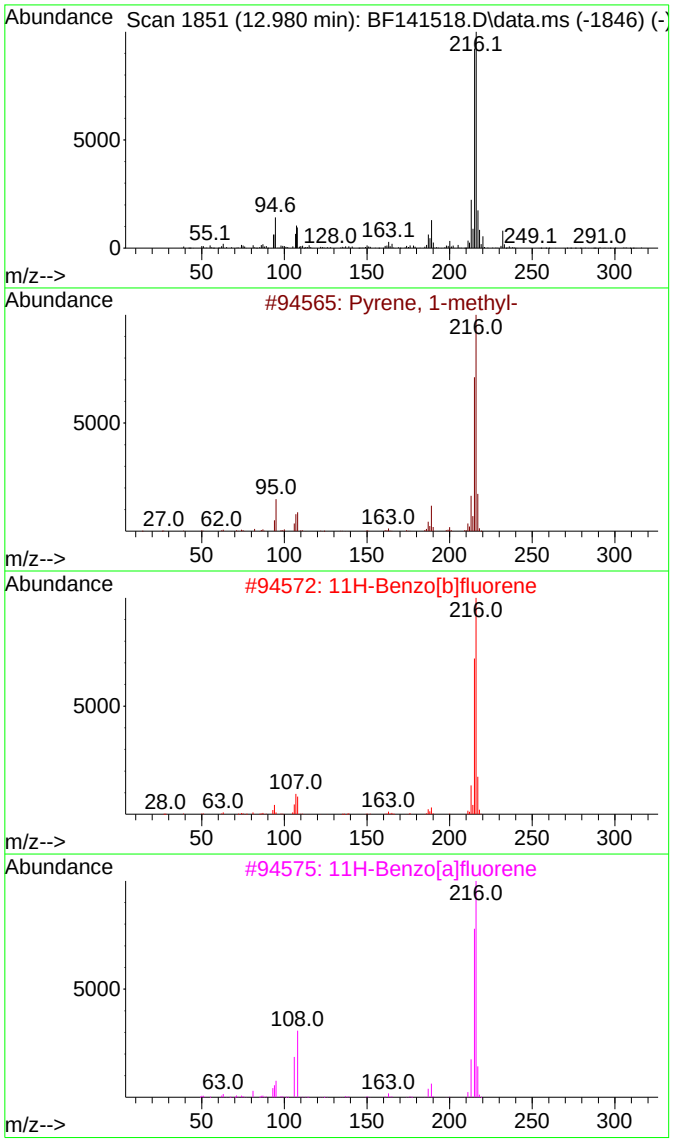
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

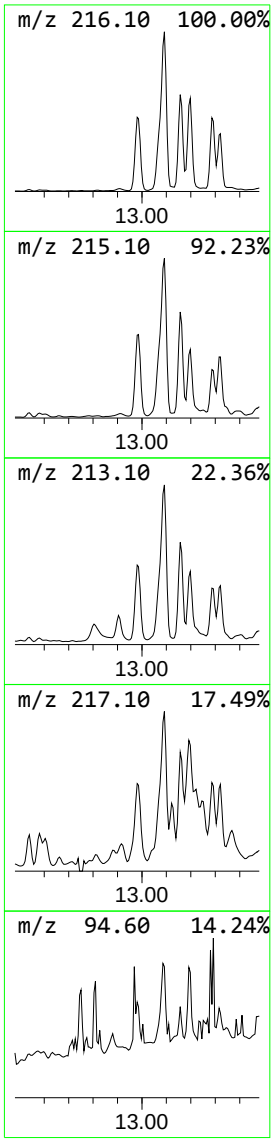
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.33 ng	600847	Chrysene-d12	13.968

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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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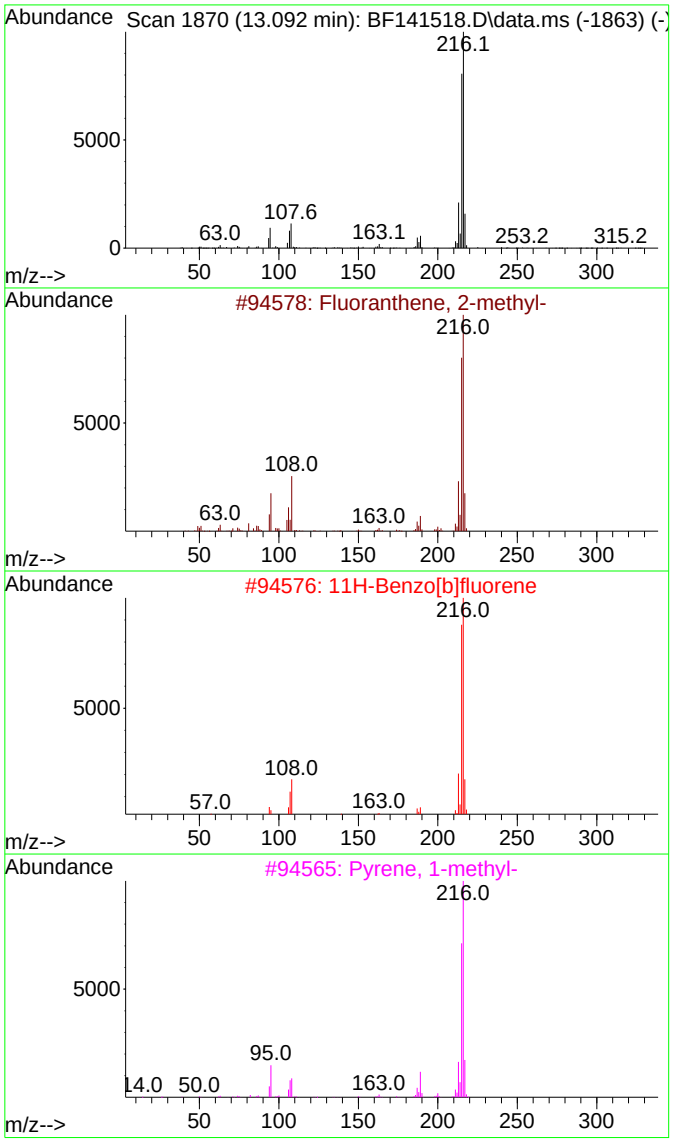
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

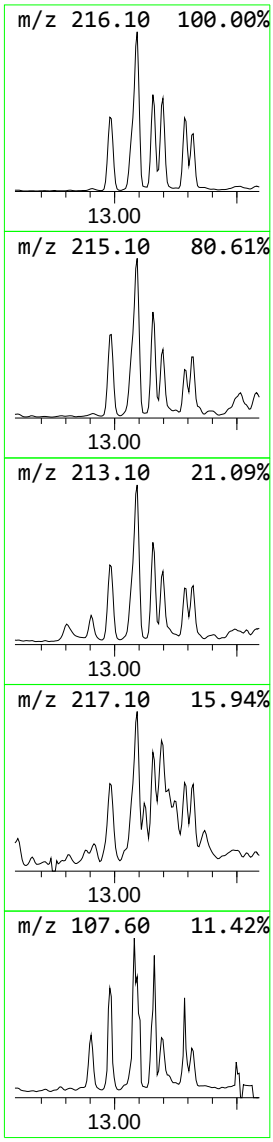
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	6.18 ng	857623	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64





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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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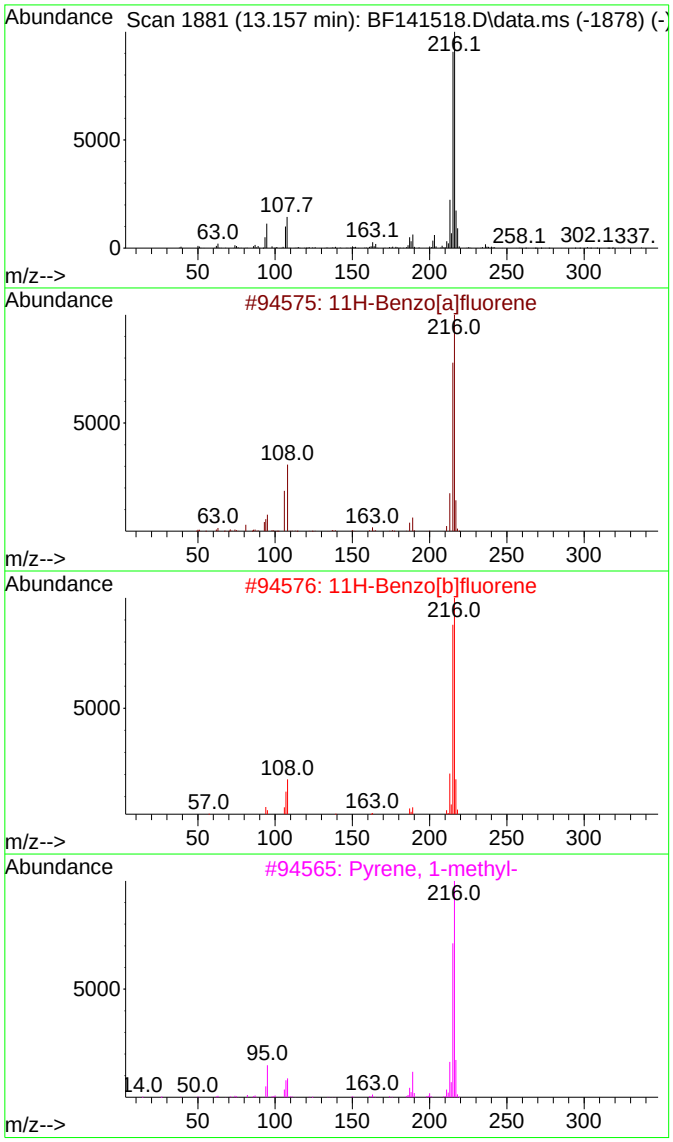
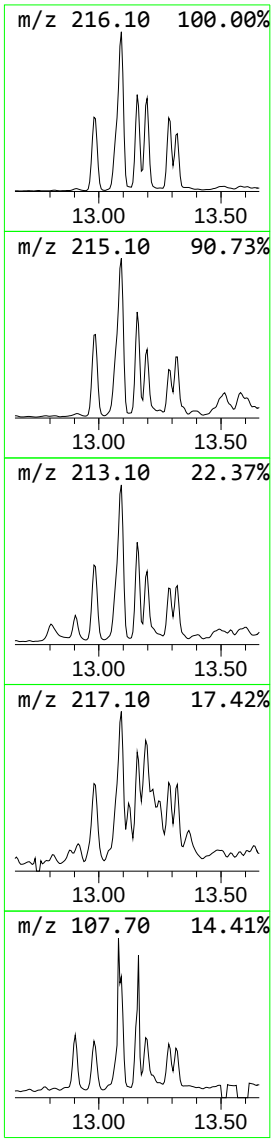
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.38 ng	330335	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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

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

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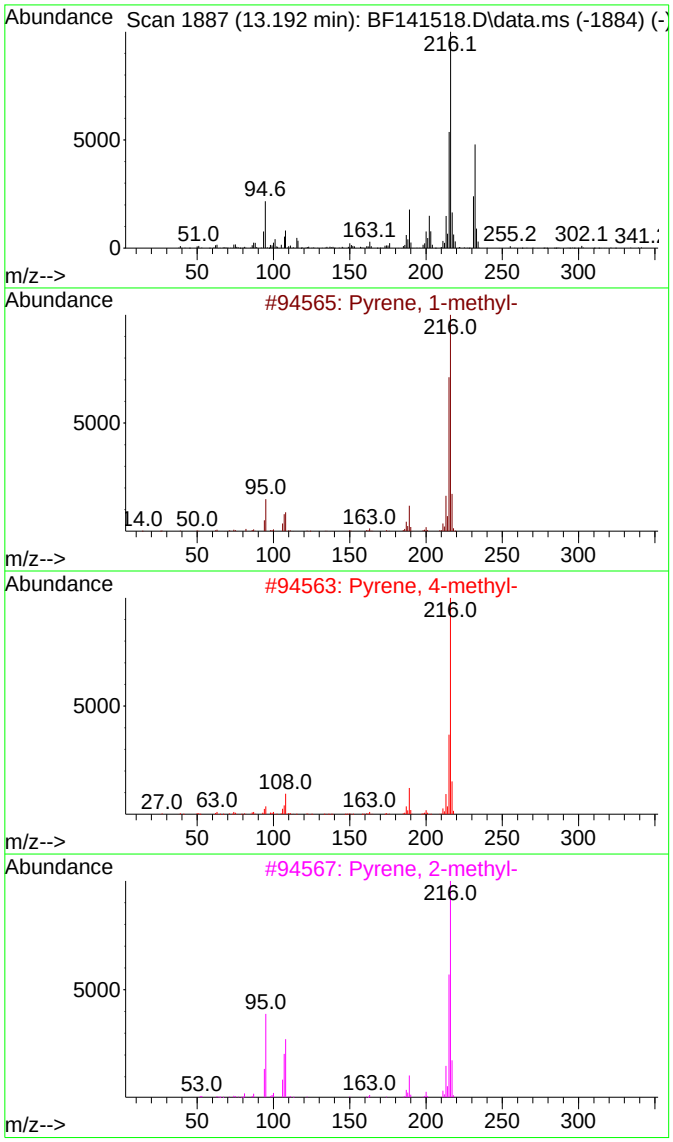
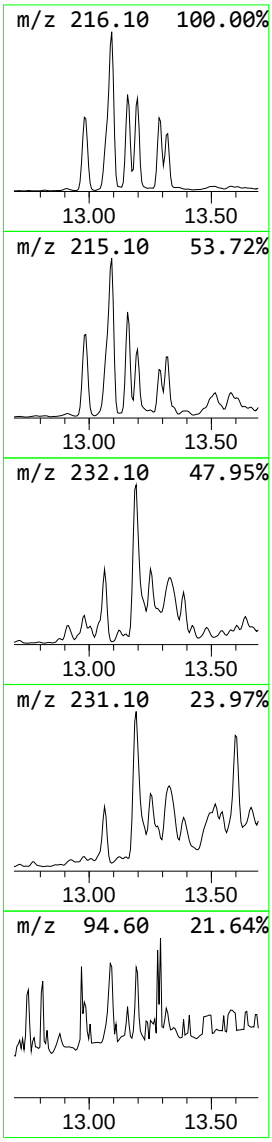
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.76 ng	521660	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55





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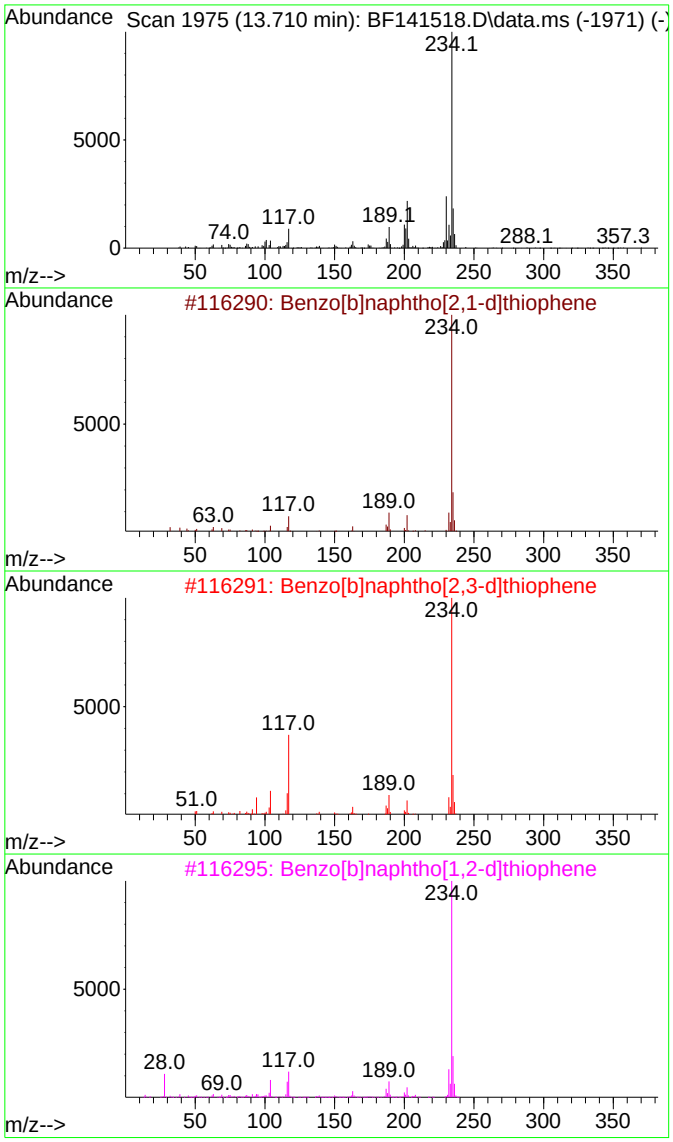
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

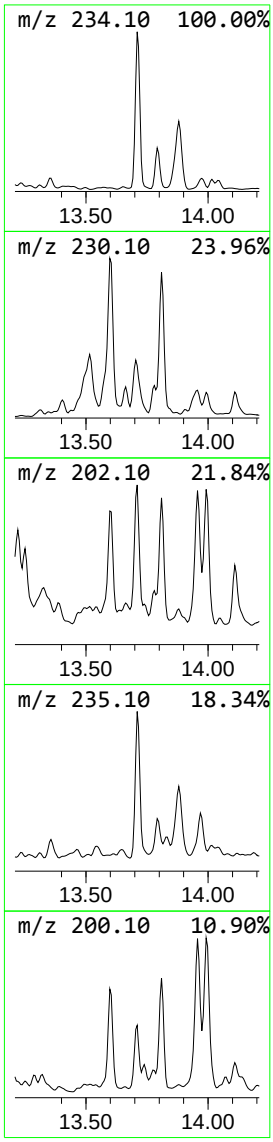
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.29 ng	317632	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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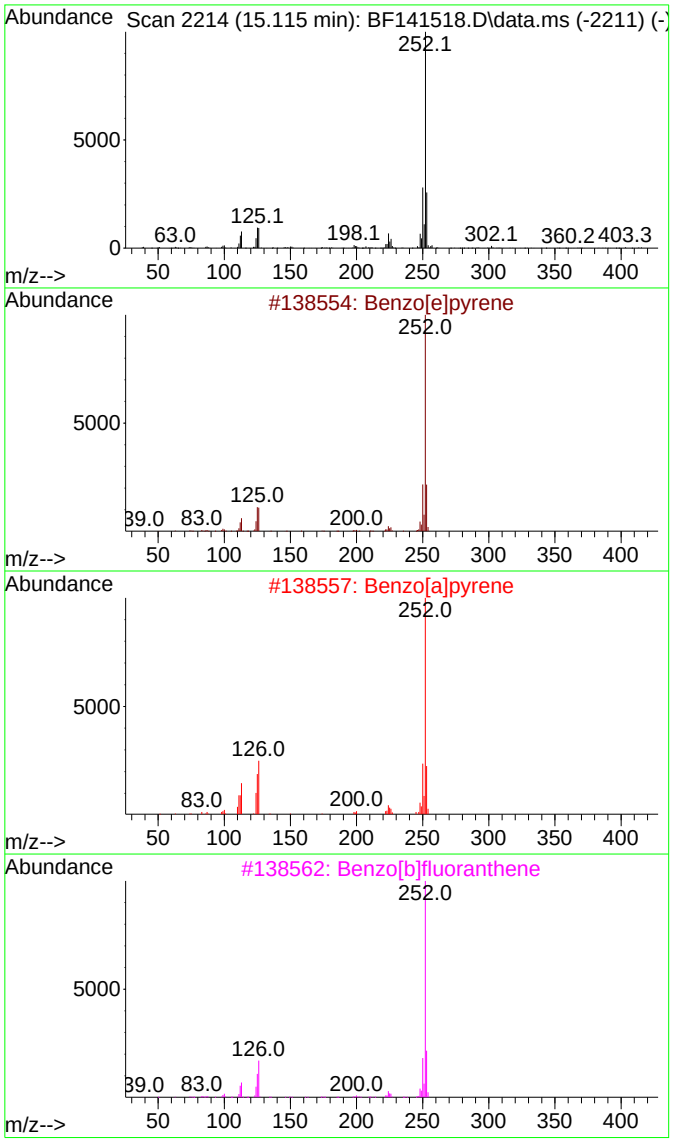
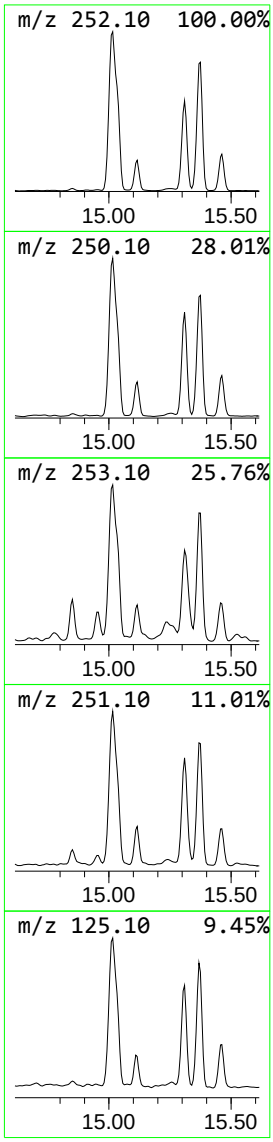
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	12.11 ng	172986	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

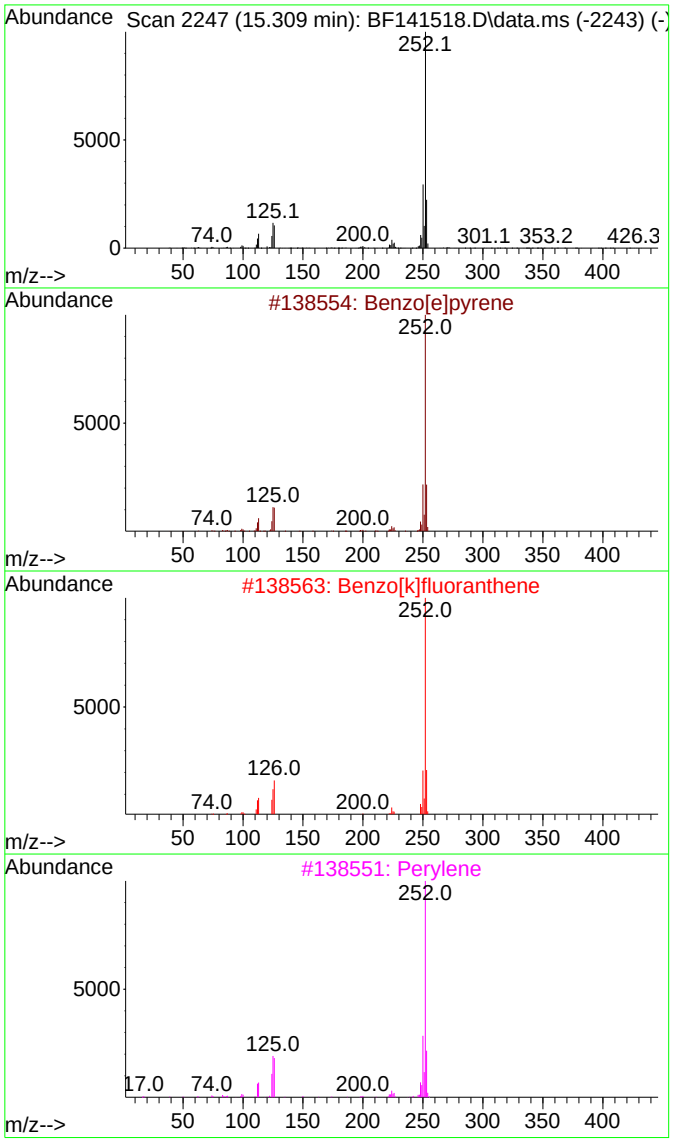
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

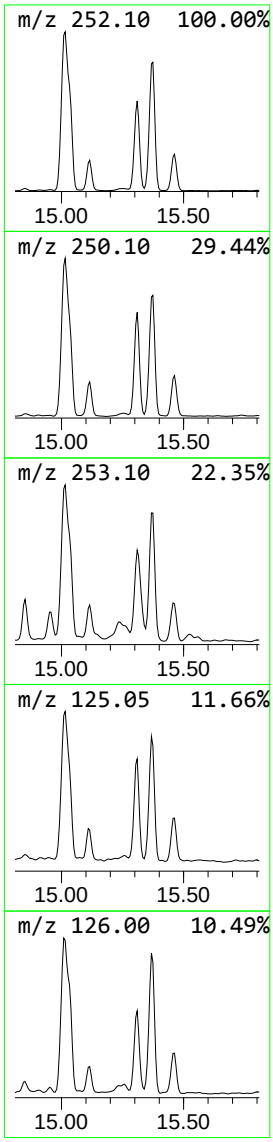
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	53.66 ng	766313	Perylene-d12	15.427

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	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141518.D
Acq On : 07 Feb 2025 19:54
Operator : RC/JU
Sample : Q1241-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Naphthalene, 1,...	9.410	3.2	ng	114844	3	9.827	724538	20.0
Naphthalene, 2,...	9.486	4.1	ng	149329	3	9.827	724538	20.0
Naphthalene, 1,...	9.604	2.3	ng	84137	3	9.827	724538	20.0
Naphthalene, 2,...	10.233	3.1	ng	111605	3	9.827	724538	20.0
Benzene, [1-(2,...	10.439	3.6	ng	129834	3	9.827	724538	20.0
Benzophenone	10.539	8.0	ng	287895	3	9.827	724538	20.0
Phenanthrene, 1...	11.816	3.2	ng	637639	4	11.316	4038400	20.0
Phenanthrene, 2...	11.851	5.3	ng	1077580	4	11.316	4038400	20.0
4H-Cyclopenta[d...	11.933	7.2	ng	1449710	4	11.316	4038400	20.0
Naphthalene, 2-...	12.116	2.1	ng	425741	4	11.316	4038400	20.0
Phenanthrene, 2...	12.368	2.6	ng	517118	4	11.316	4038400	20.0
Pyrene, 1-methyl-	12.980	4.3	ng	600847	5	13.968	2773790	20.0
Fluoranthene, 2...	13.092	6.2	ng	857623	5	13.968	2773790	20.0
11H-Benzo[a]flu...	13.157	2.4	ng	330335	5	13.968	2773790	20.0
Pyrene, 4-methyl-	13.192	3.8	ng	521660	5	13.968	2773790	20.0
Benzo[b]naphtho...	13.710	2.3	ng	317632	5	13.968	2773790	20.0
Benzo[e]pyrene	15.115	12.1	ng	172986	6	15.427	285612	20.0
Perylene	15.310	53.7	ng	766313	6	15.427	285612	20.0