LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-03142025

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	19	rVB	459964	704782	32.25%	2.487%
2	5.487	571	577	591	rBV	1227386	1586018	72.57%	5.596%
3	6.493	742	748	766	rBV	1140234	1494189	68.37%	5.272%
4	6.875	808	813	821	rBV	589901	751370	34.38%	2.651%
5	7.434	898	908	918	rBV	763988	1004079	45.94%	3.542%
6	7.522	918	923	927	rVB4	15056	26918	1.23%	0.095%
7	7.687	946	951	958	rVB4	44455	65960	3.02%	0.233%
8	8.157	1025	1031	1038	rBV	661568	903710	41.35%	3.188%
9	8.210	1038	1040	1044	rVB3	21958	26444	1.21%	0.093%
10	8.451	1076	1081	1084	rBV5	24024	34887	1.60%	0.123%
11	8.663	1113	1117	1121	rBV2	27918	37867	1.73%	0.134%
12	8.745	1128	1131	1134	rBV2	26072	33458	1.53%	0.118%
13	8.869	1149	1152	1156	rVB	38497	47123	2.16%	0.166%
14	8.975	1165	1170	1175	rBV2	74344	126420	5.78%	0.446%
15	9.104	1189	1192	1198	rVB5	18727	32963	1.51%	0.116%
16	9.175	1201	1204	1208	rBV4	20998	31365	1.44%	0.111%
17	9.234	1208	1214	1219	rVV	1313173	1703820	77.96%	6.011%
18	9.310	1223	1227	1234	rBV2	44483	77189	3.53%	0.272%
19	9.381	1236	1239	1243	rVB	24682	29981	1.37%	0.106%
20	9.498	1254	1259	1263	rBV2	46368	79667	3.65%	0.281%
21	9.569	1267	1271	1274	rVV	78288	135720	6.21%	0.479%
22	9.634	1278	1282	1285	rVV4	64429	106031	4.85%	0.374%
23	9.686	1288	1291	1296	rVB2	54096	82746	3.79%	0.292%
24	9.775	1301	1306	1310	rBV	118613	162257	7.42%	0.572%
25	9.839	1314	1317	1322	rVB	44525	59798	2.74%	0.211%
26	9.910	1323	1329	1333	rBV	617486	811229	37.12%	2.862%
27	9.945	1333	1335	1339	rVB	86214	86017	3.94%	0.303%
28	10.016	1344	1347	1351	rVB3	28706	39855	1.82%	0.141%
29	10.116	1360	1364	1368	rVB	75388	106925	4.89%	0.377%
30	10.157	1368	1371	1376	rVB4	35839	47106	2.16%	0.166%
31	10.228	1380	1383	1386	rBV3	38081	51423	2.35%	0.181%
32	10.339	1399	1402	1405	rVB	52140	58730	2.69%	0.207%
33	10.457	1418	1422	1429	rBV	149725	218341	9.99%	0.770%
34	10.622	1446	1450	1457	rVB2	120697	173794	7.95%	0.613%
35	10.698	1458	1463	1475	rVB	775493	1020948	46.72%	3.602%
36	10.822	1479	1484	1491	rVB2	112575	192250	8.80%	0.678%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.004	1511	1515	1518	rBV2	54910	82702	3.78%	0.292%
38	11.039	1518	1521	1526	rVB2	42287	58380	2.67%	0.206%
39	11.263	1555	1559	1561	rBV2	61898	83877	3.84%	0.296%
40	11.292	1561	1564	1570	rVB	115883	165558	7.58%	0.584%
41	11.398	1577	1582	1584	rBV	602994	826340	37.81%	2.915%
42	11.422	1584	1586	1591	rVV	841841	956938	43.79%	3.376%
43	11.475	1591	1595	1598	rVV	175445	229135	10.48%	0.808%
44	11.510	1598	1601	1604	rVB	31503	41578	1.90%	0.147%
45	11.628	1617	1621	1628	rBV	78622	126179	5.77%	0.445%
46	11.692	1628	1632	1635	rVV2	63275	81102	3.71%	0.286%
47	11.728	1635	1638	1644	rVB	53505	76409	3.50%	0.270%
48	11.816	1650	1653	1656	rVB	35479	43190	1.98%	0.152%
49	11.922	1663	1671	1677	rBV2	494347	1027843	47.03%	3.626%
50	12.010	1682	1686	1695	rVB2	286620	572564	26.20%	2.020%
51	12.098	1698	1701	1704	rVV2	56133	63115	2.89%	0.223%
52	12.198	1714	1718	1720	rBV	73780	101620	4.65%	0.359%
53	12.375	1745	1748	1756	rVB3	89147	174351	7.98%	0.615%
54	12.451	1757	1761	1764	rBV	189875	267999	12.26%	0.946%
55	12.486	1764	1767	1773	rVB2	154234	238482	10.91%	0.841%
56	12.539	1773	1776	1780	rBV2	53277	75885	3.47%	0.268%
57	12.610	1784	1788	1794	rBV	960209	1320631	60.43%	4.659%
58	12.704	1801	1804	1811	rBV2	146333	209817	9.60%	0.740%
59	12.769	1812	1815	1821	rVV3	58547	105414	4.82%	0.372%
60	12.839	1821	1827	1834	rVV	982493	1568140	71.75%	5.533%
61	12.898	1834	1837	1841	rVB2	76946	97636	4.47%	0.344%
62	12.980	1846	1851	1859	rVB	1566879	2176987	99.61%	7.681%
63	13.057	1860	1864	1871	rBV5	115428	245471	11.23%	0.866%
64	13.169	1880	1883	1887	rVB	217892	267120	12.22%	0.942%
65	13.233	1891	1894	1897	rVV	168557	213763	9.78%	0.754%
66	13.274	1897	1901	1909	rVB2	155182	226507	10.36%	0.799%
67	13.363	1913	1916	1919	rVV	95804	127896	5.85%	0.451%
68	13.398	1919	1922	1925	rVB	87655	104385	4.78%	0.368%
69	14.033	2024	2030	2034	rBV2	1127470	2185421	100.00%	7.710%
70	15.086	2204	2209	2217	rVB	422788	942672	43.13%	3.326%
71	15.451	2267	2271	2277	rBV	326904	466607	21.35%	1.646%
72	15.516	2278	2282	2286	rBV	412807	641004	29.33%	2.262%

Sum of corrected areas: 28344098

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Acq On : 17 Mar 2025 13:01
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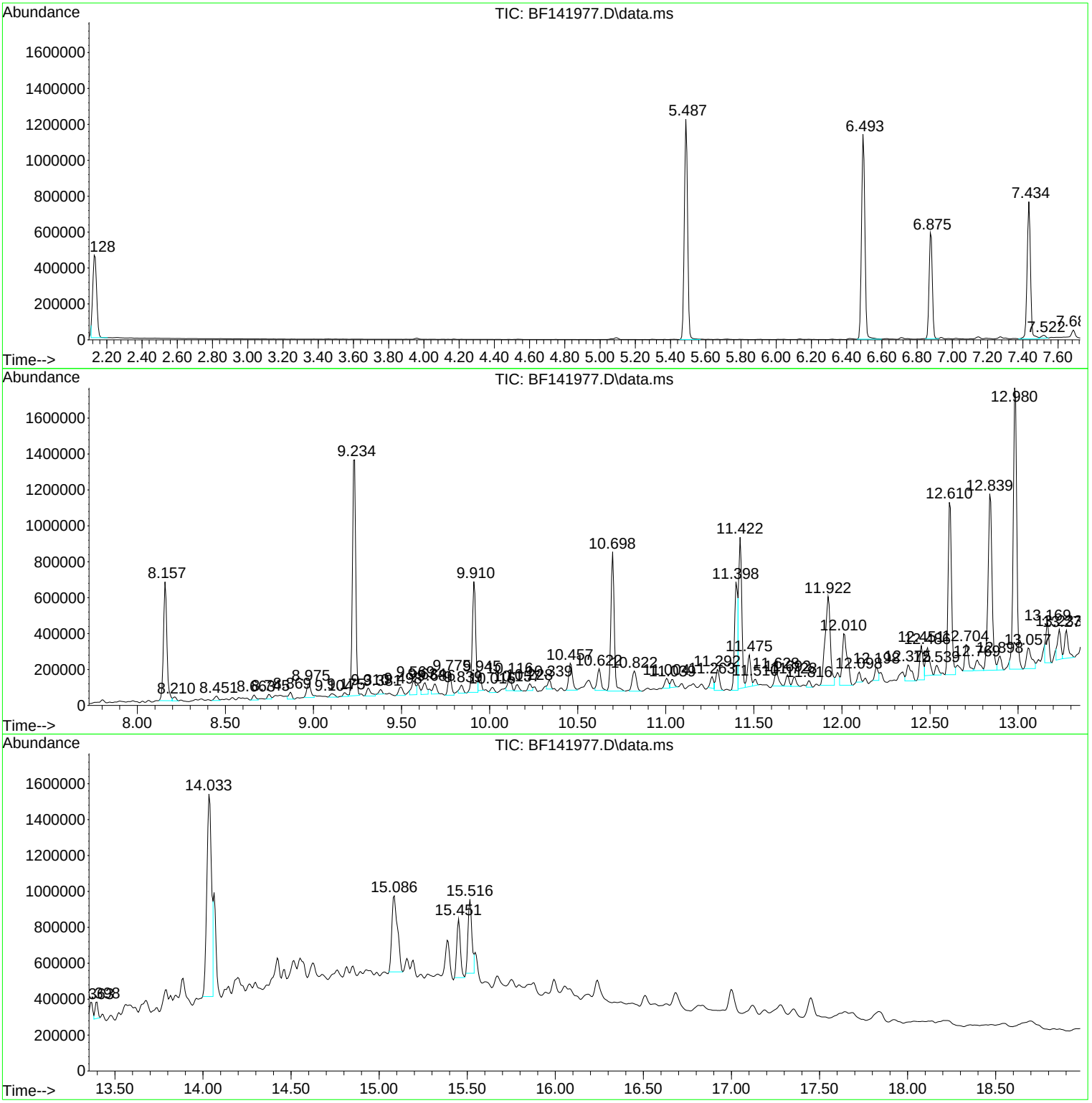
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

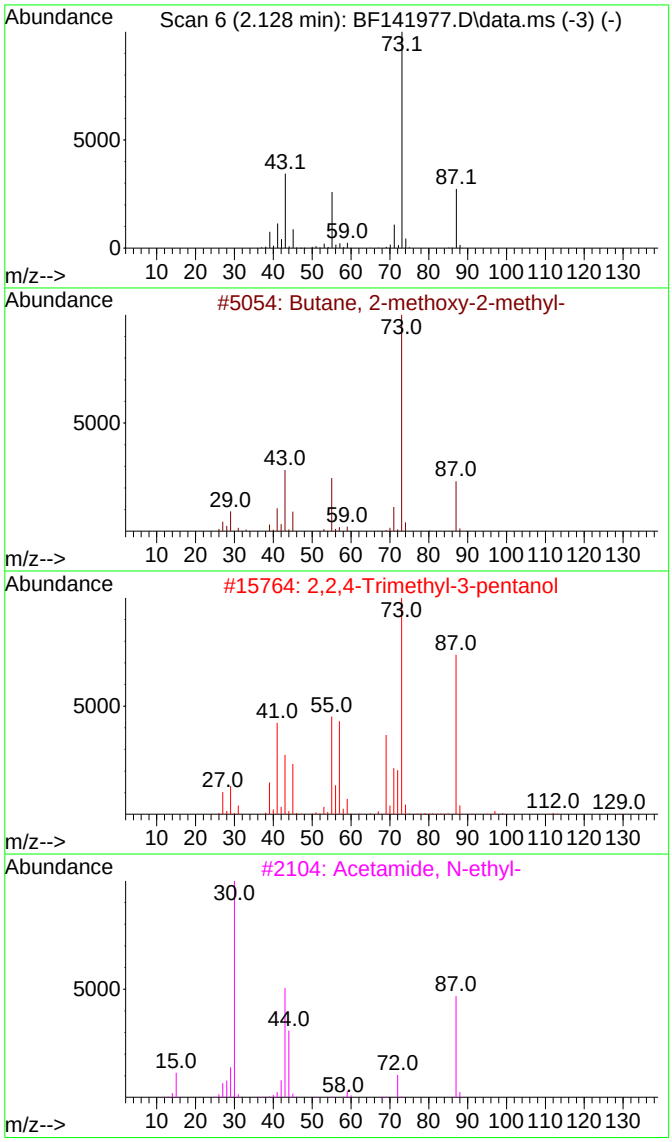
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

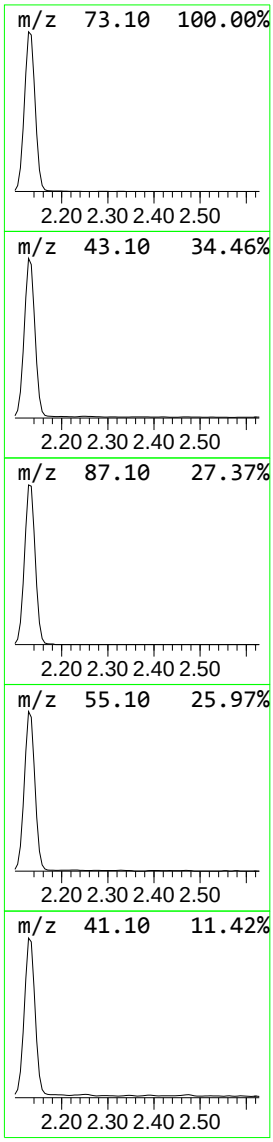
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	18.76 ng	704782	1,4-Dichlorobenzene-d4	6.875

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

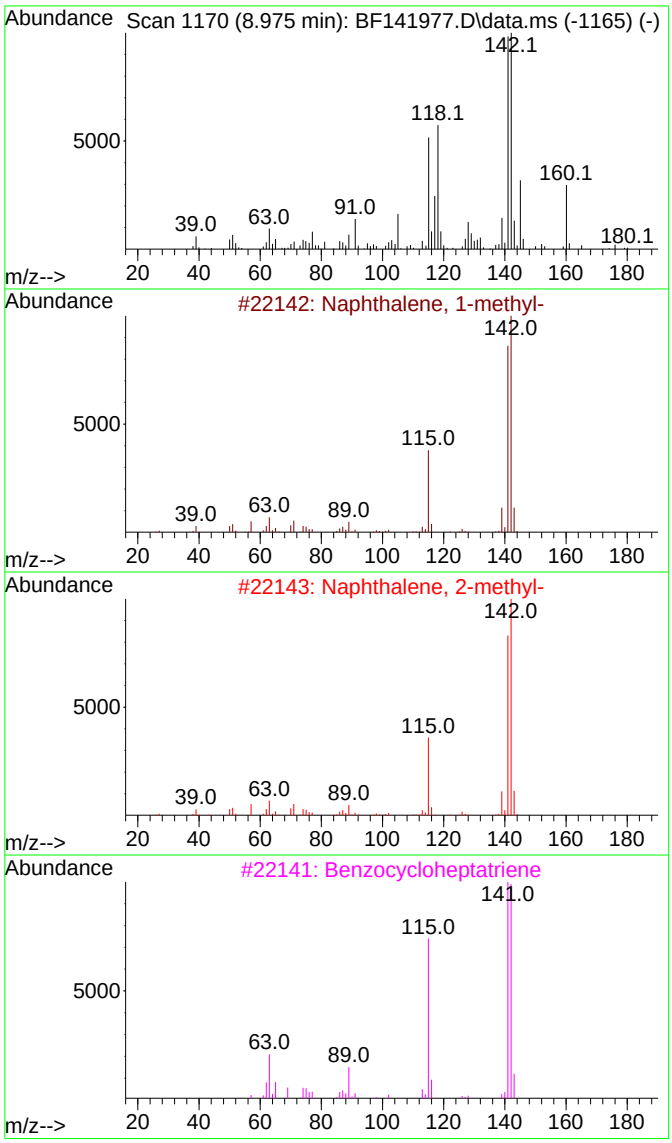
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

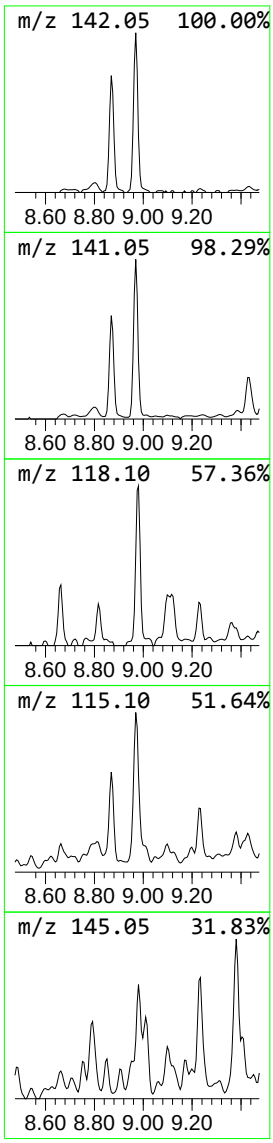
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	2.80 ng	126420	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	92
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	83
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

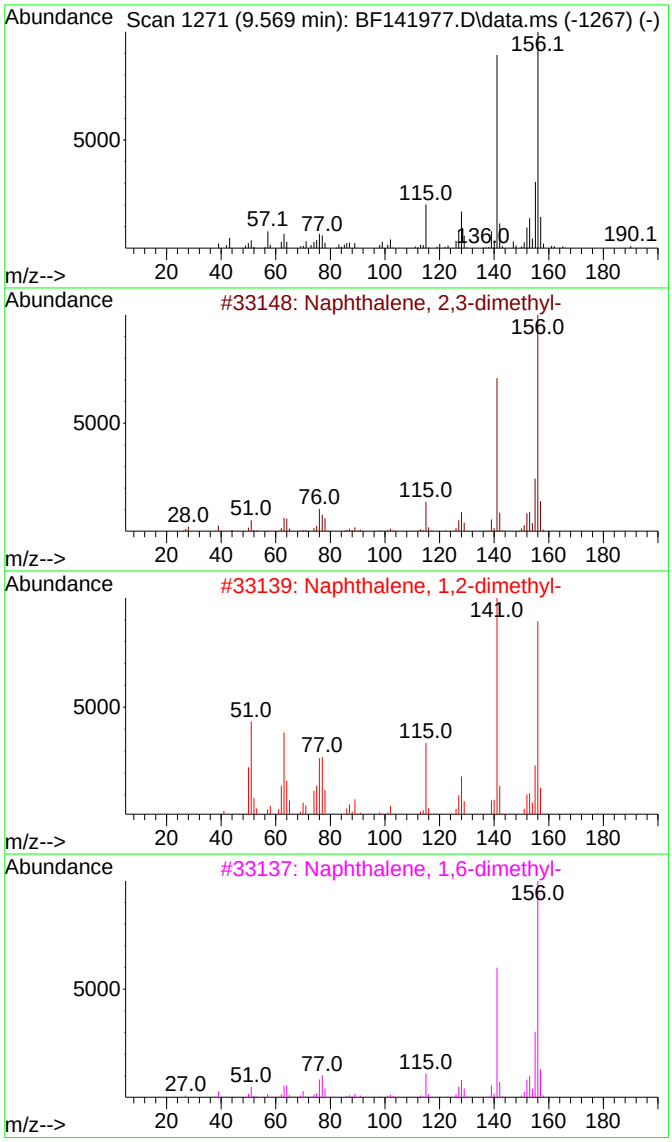
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

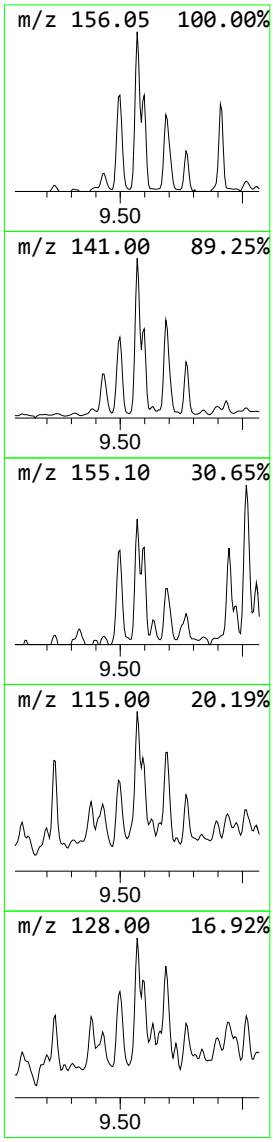
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.35 ng	135720	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

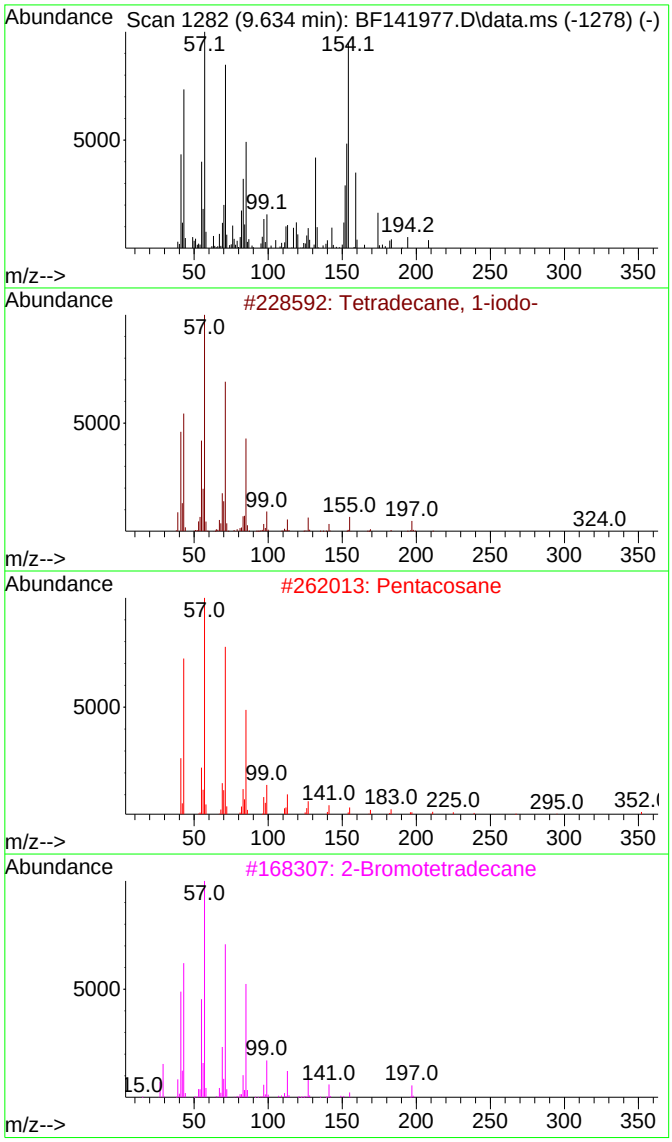
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

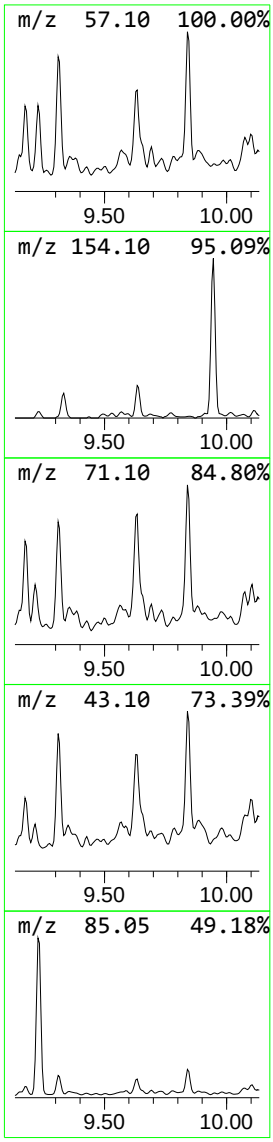
****

Peak Number 4 unknown9.634 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	2.61 ng	106031	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25
2	Pentacosane	352	C25H52	000629-99-2	25
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	25
4	Biphenyl	154	C12H10	000092-52-4	25
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

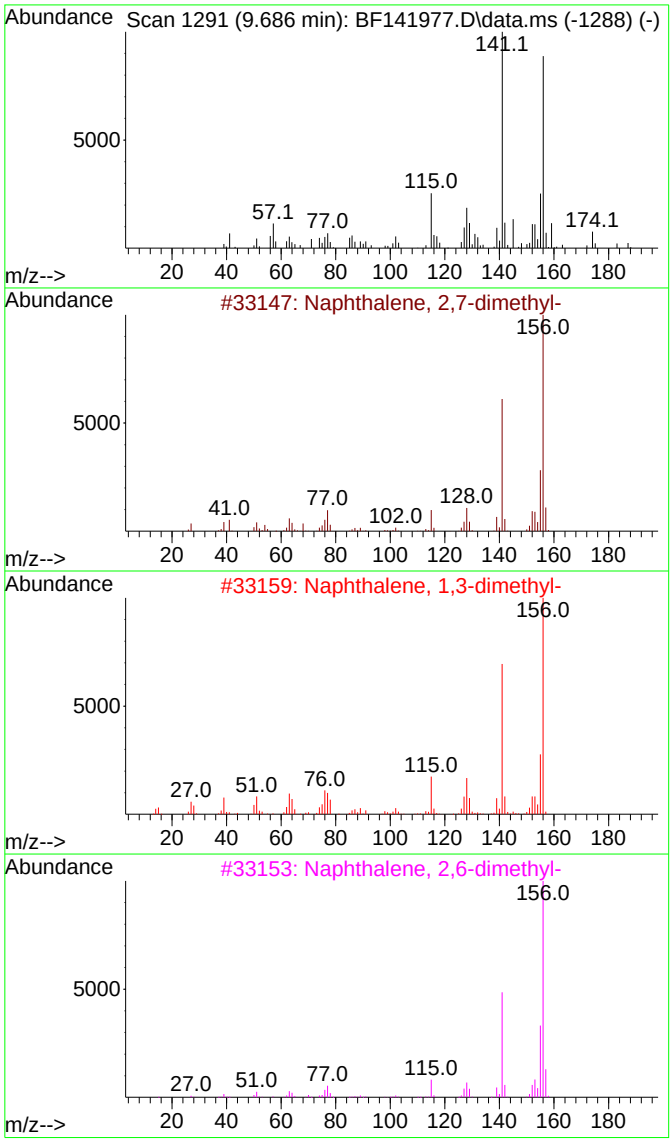
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

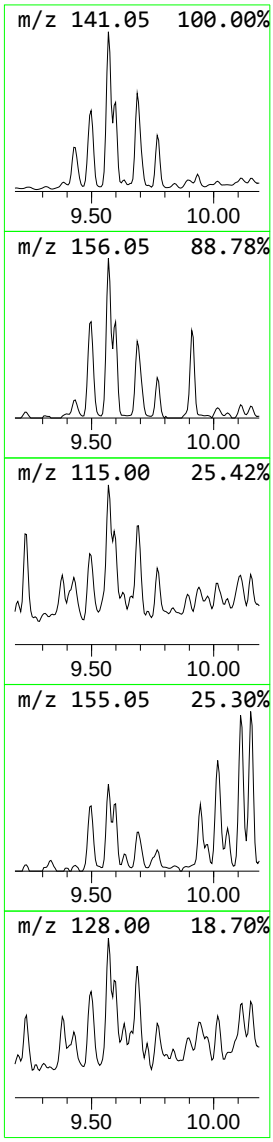
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	2.04 ng	82746	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
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Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

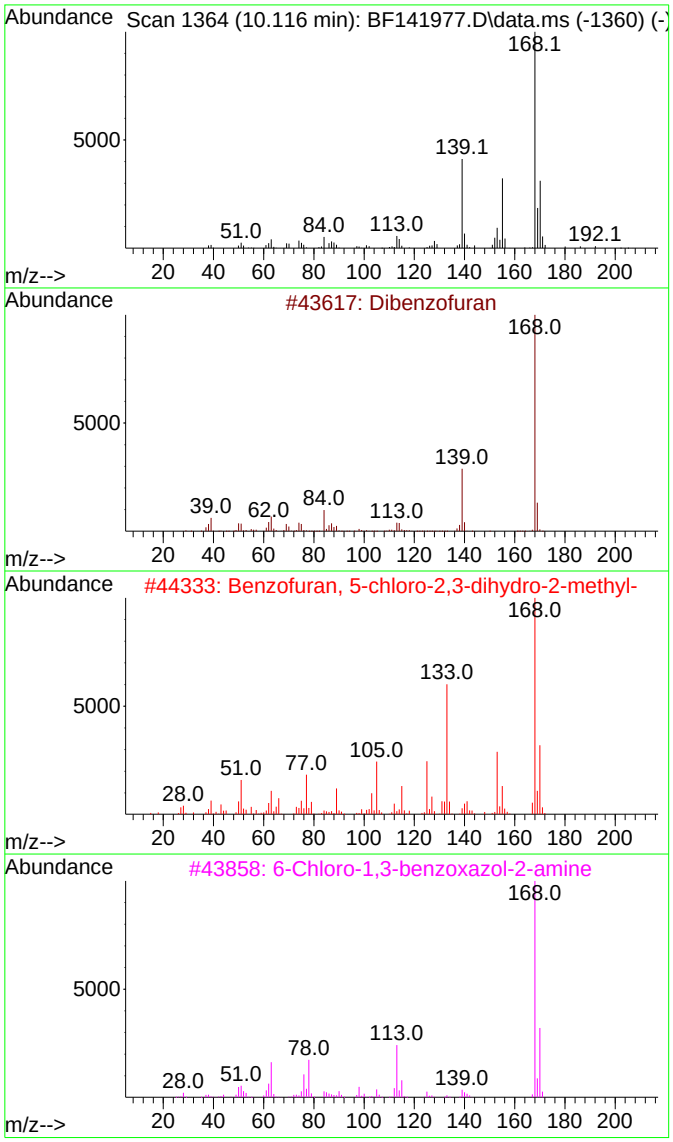
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

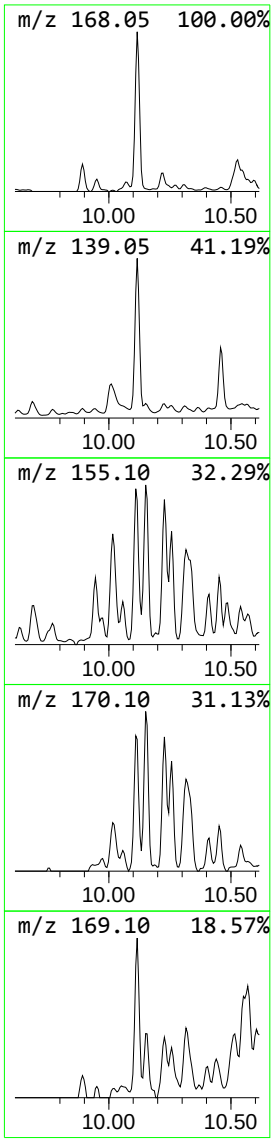
****

Peak Number 6 unknown10.116 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	2.64 ng	106925	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	58
2	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	49
3	6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	47
4	5-Chlorobenzo[b]thiophene	168	C8H5ClS	020532-33-6	47
5	[2-Amino-1-(2-chlorophenyl)ethyl...	240	C12H17ClN2O	1216920-20-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

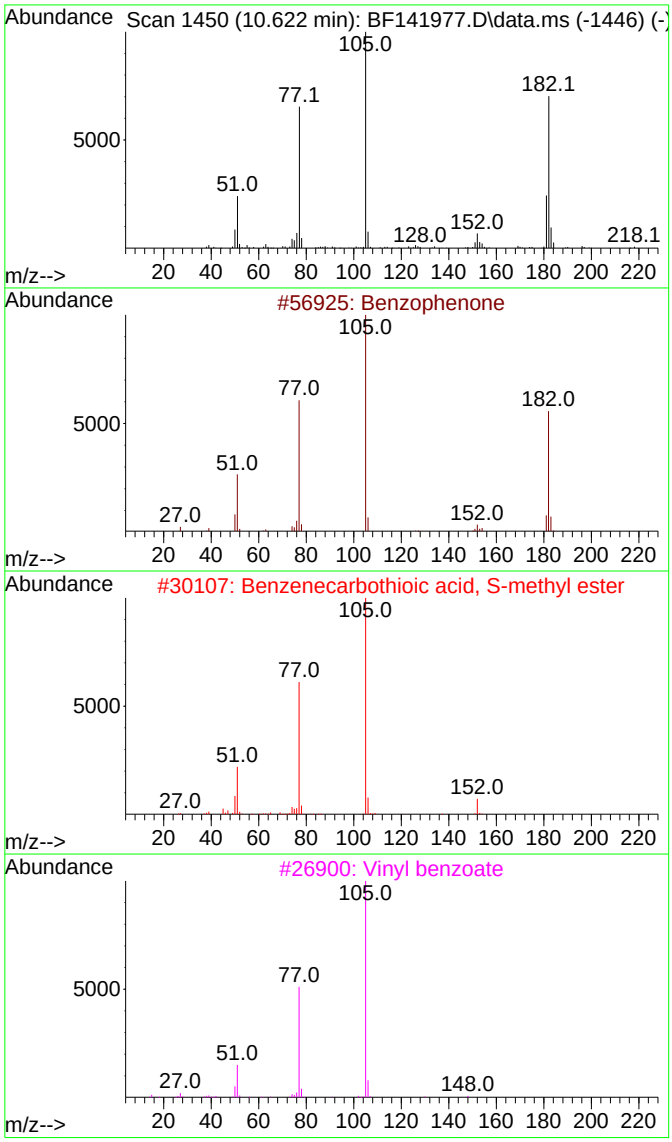
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

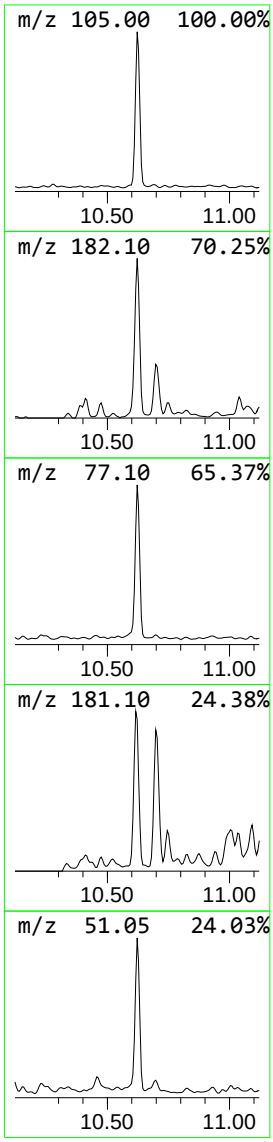
****

Peak Number 7 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.28 ng	173794	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Vinyl benzoate	148	C9H8O2	000769-78-8	43
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38
5	Acetic acid, 2-benzoylthio-, 2-o...	314	C17H14O4S	1000260-20-1	38





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Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-03142025

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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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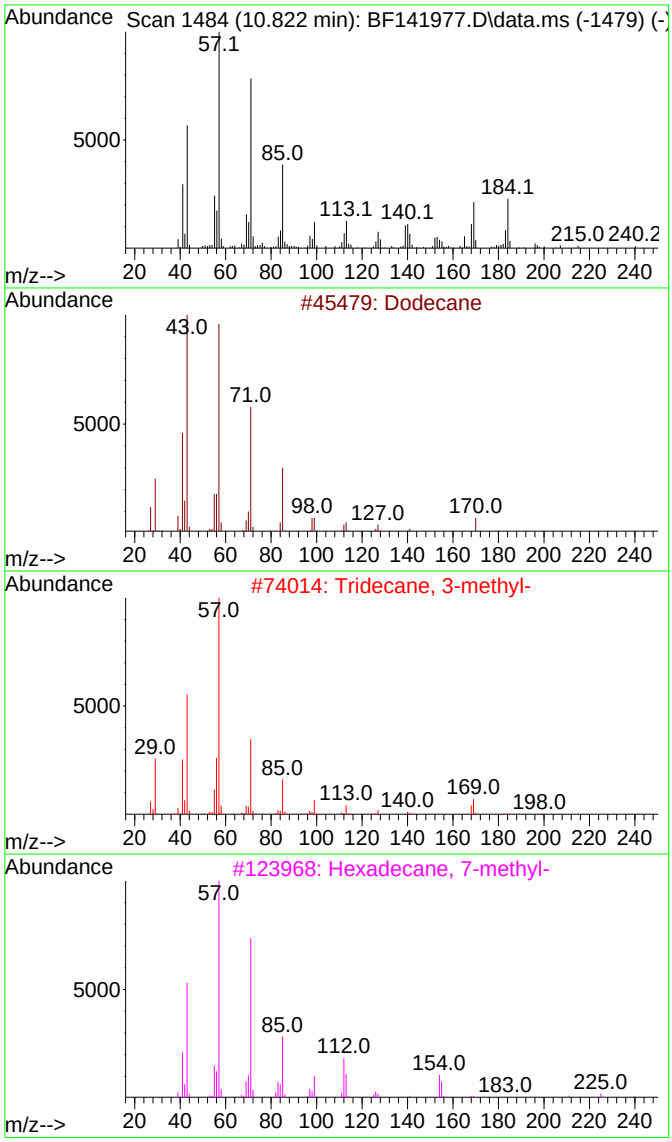
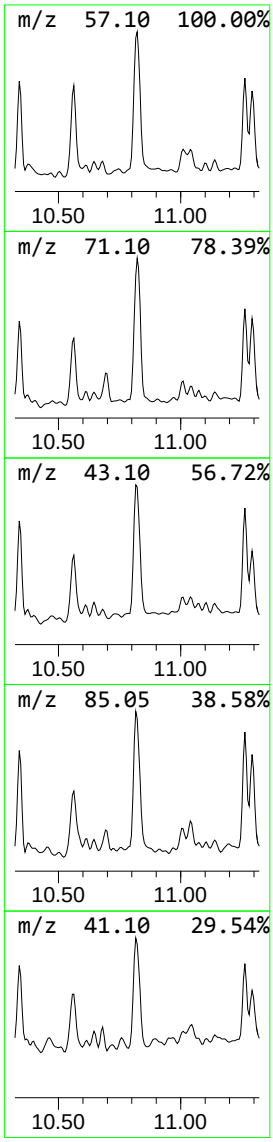
Peak Number 8 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	4.65 ng	192250	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Heneicosane	296	C21H44	000629-94-7	58





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-03142025

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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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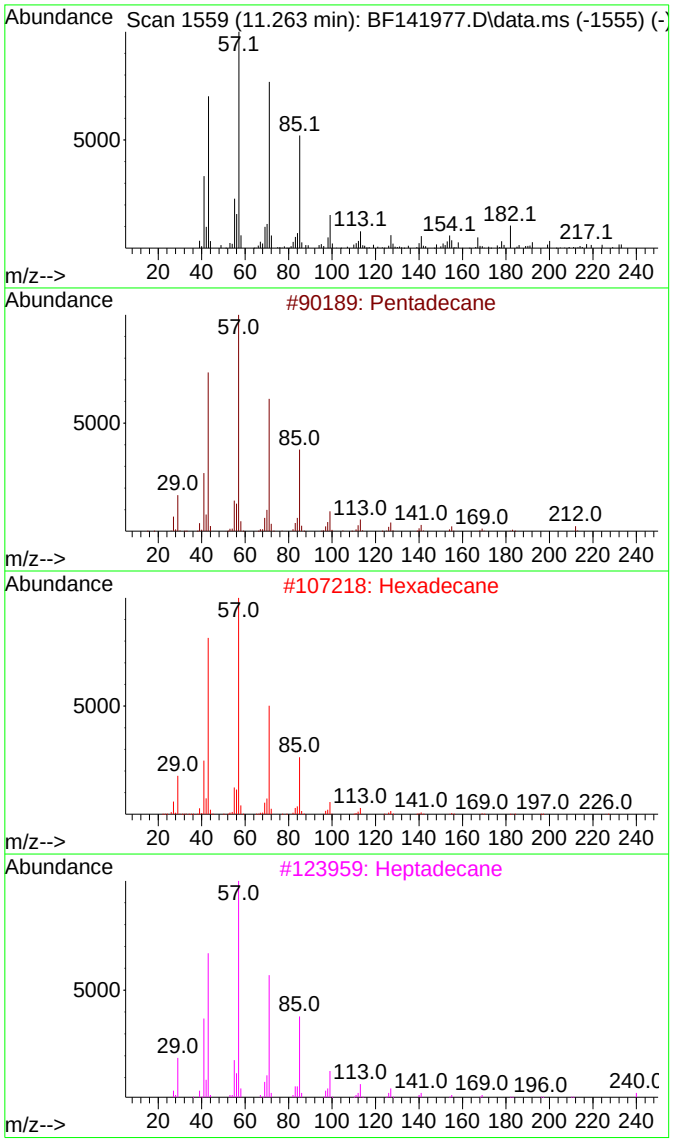
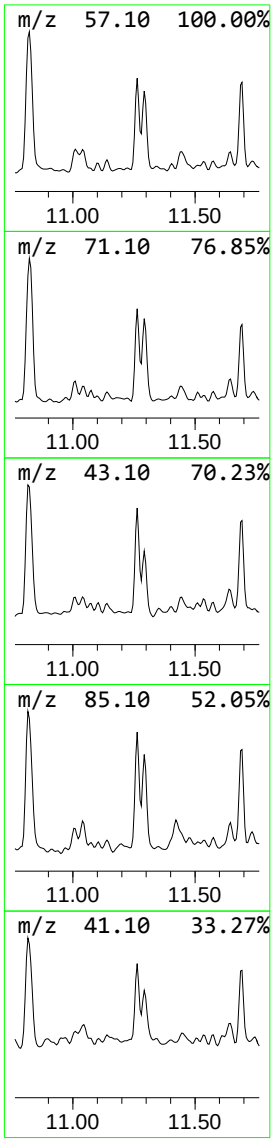
Peak Number 9 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	2.03 ng	83877	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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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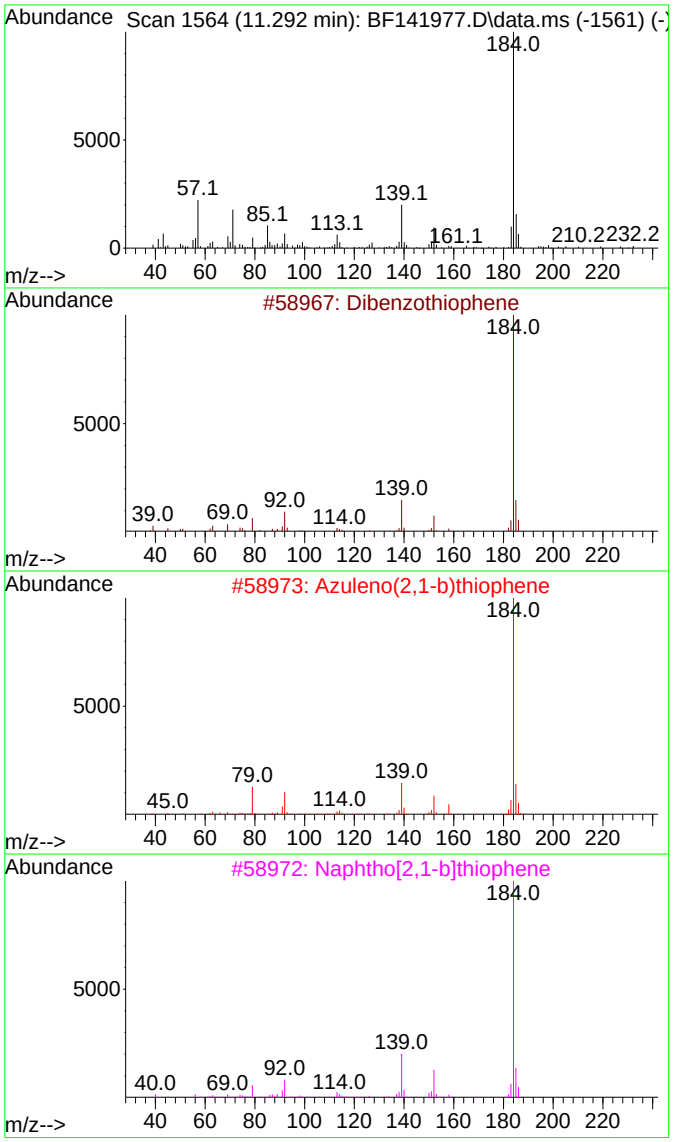
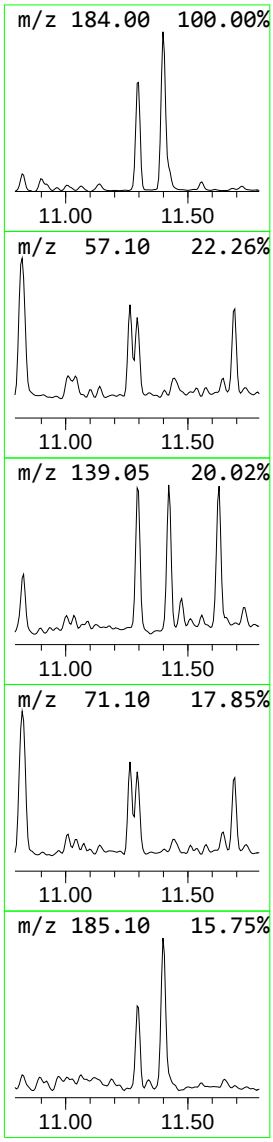
Peak Number 10 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	4.01 ng	165558	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	76
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74





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Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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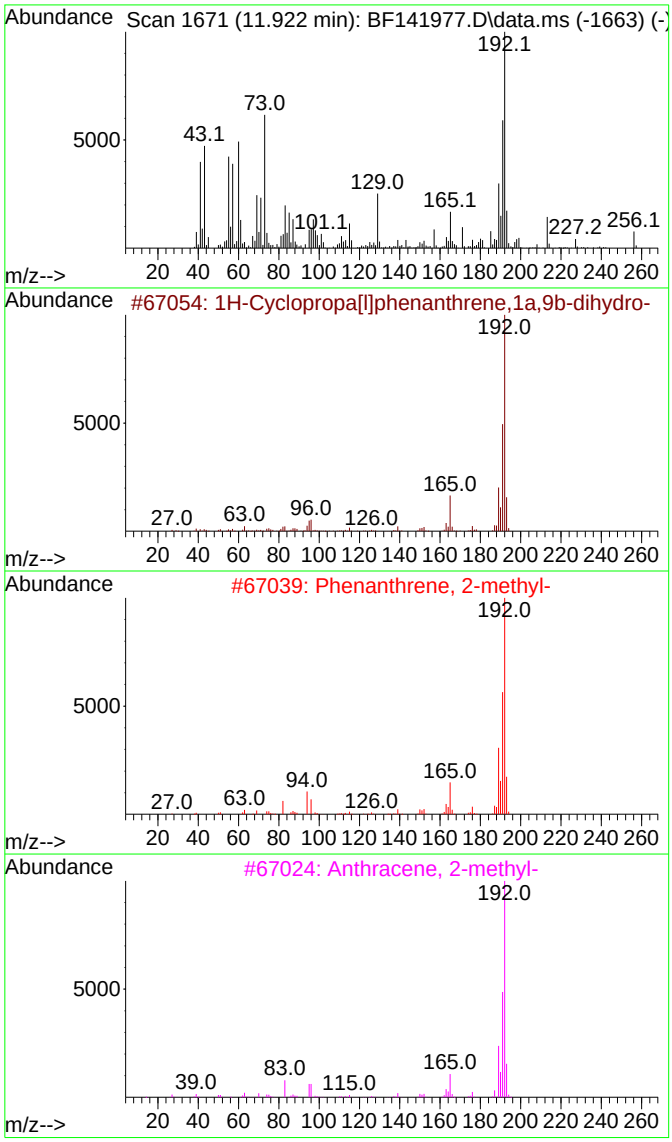
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

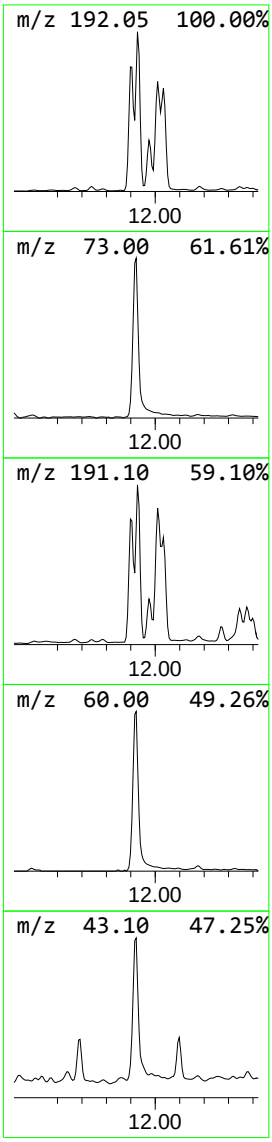
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	24.88 ng	1027840	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





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Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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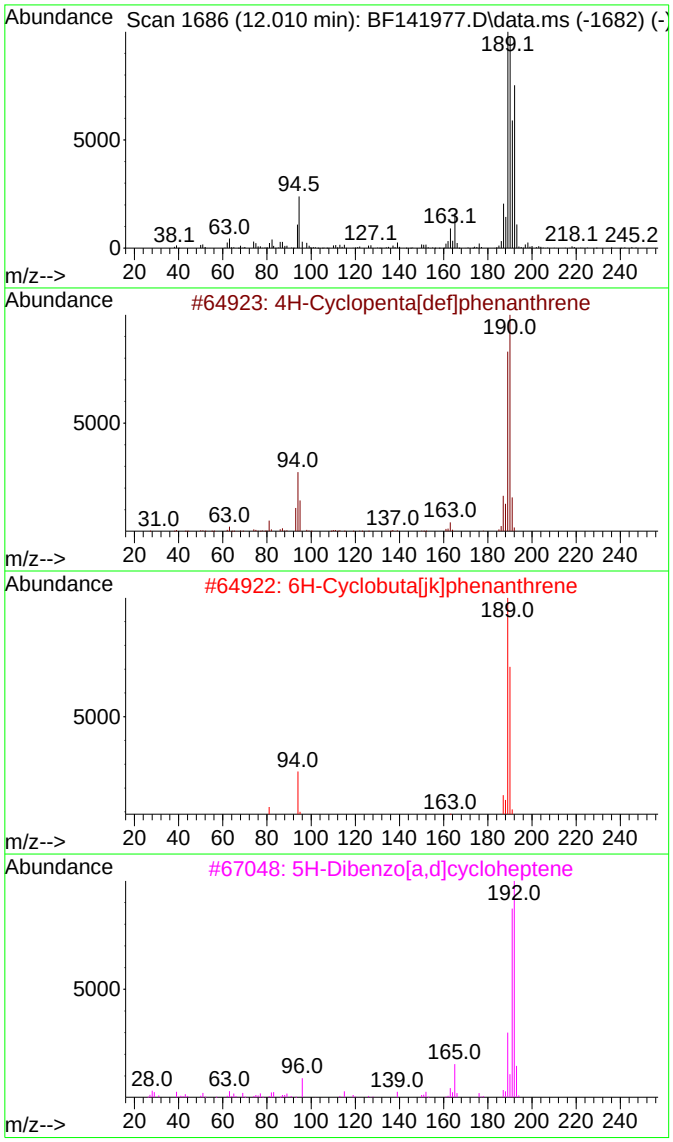
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

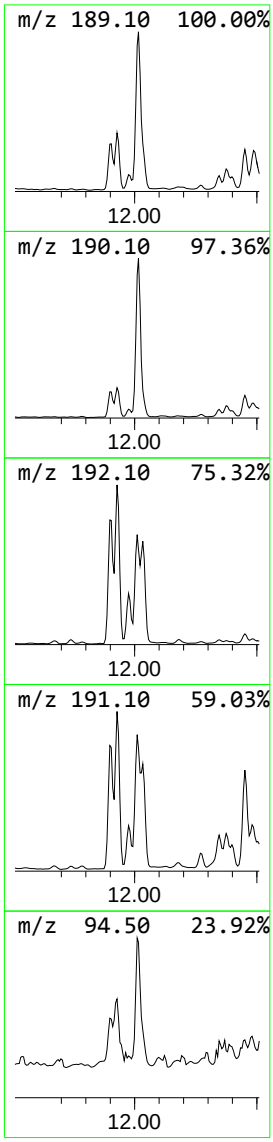
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.86 ng	572564	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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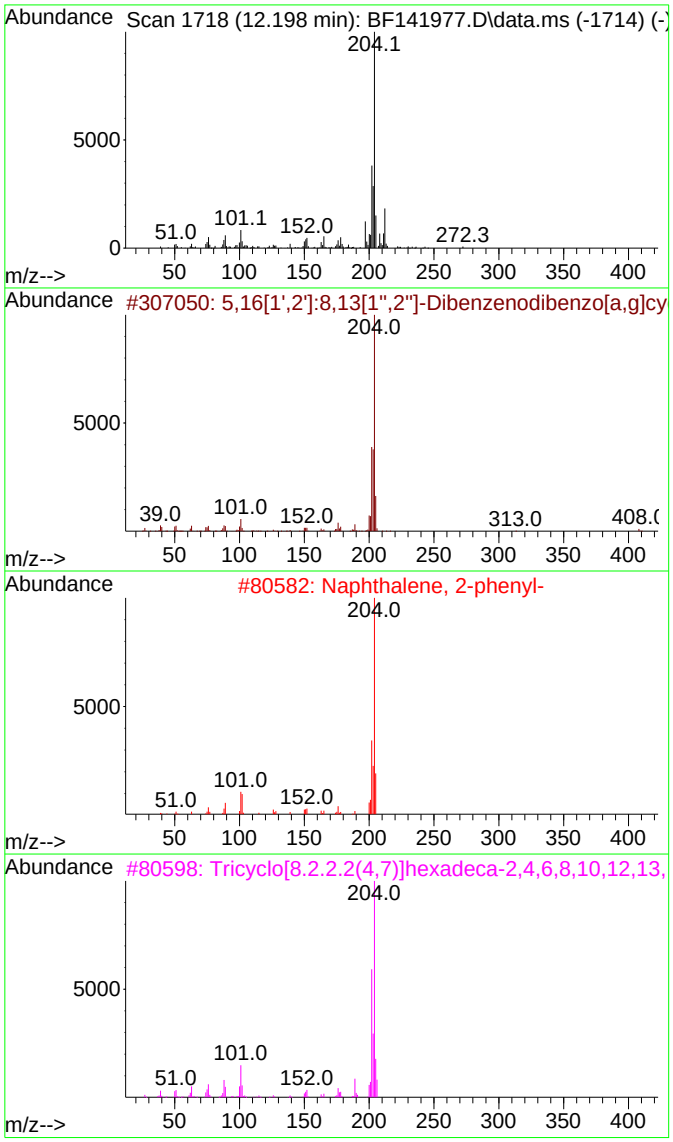
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

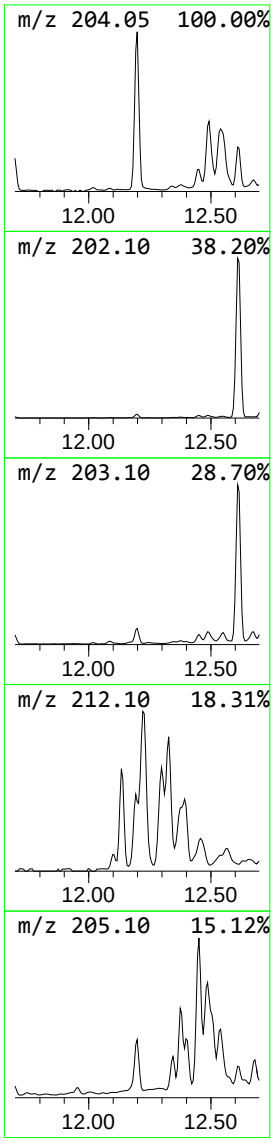
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.46 ng	101620	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

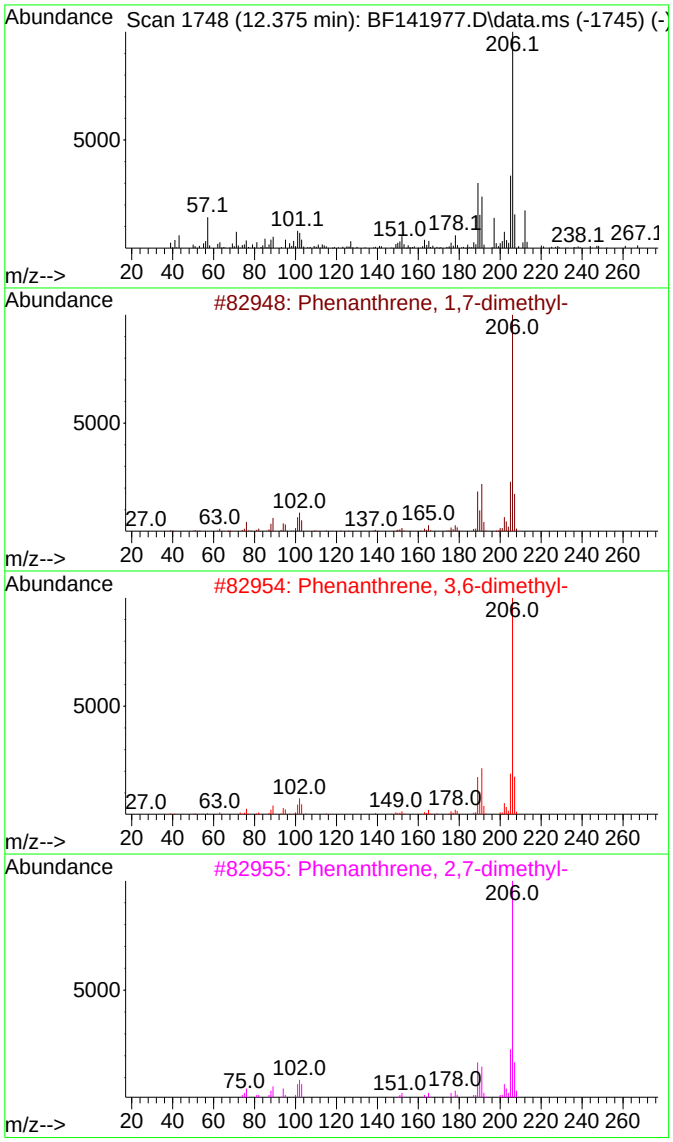
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

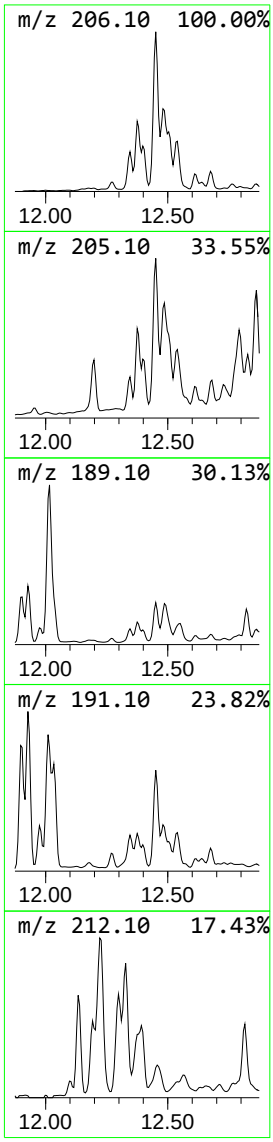
****

Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	4.22 ng	174351	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	68





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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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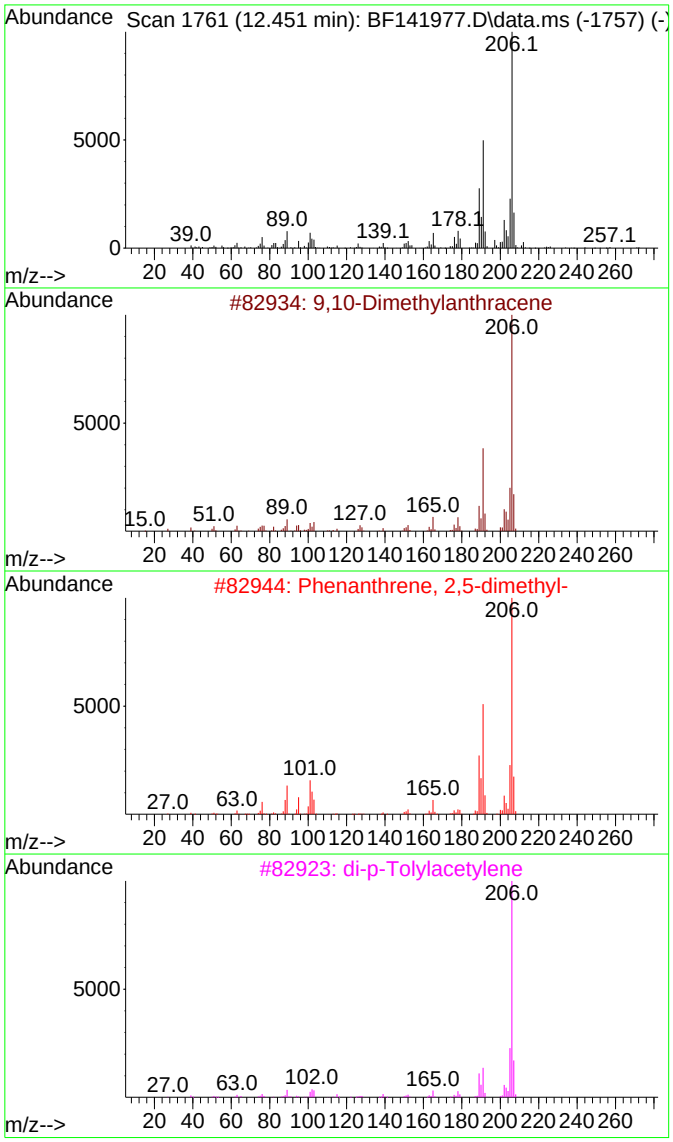
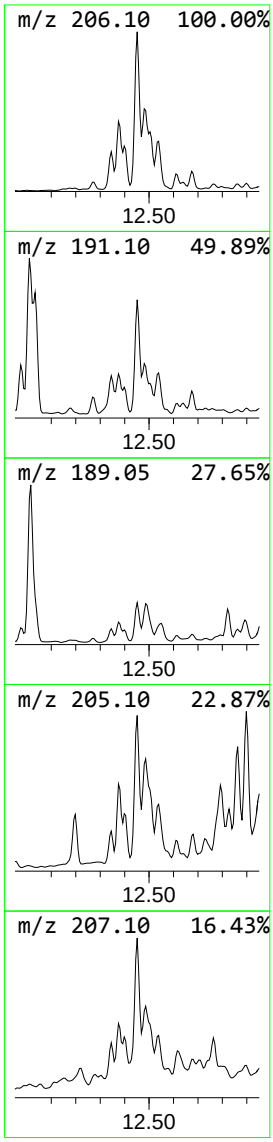
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.49 ng	267999	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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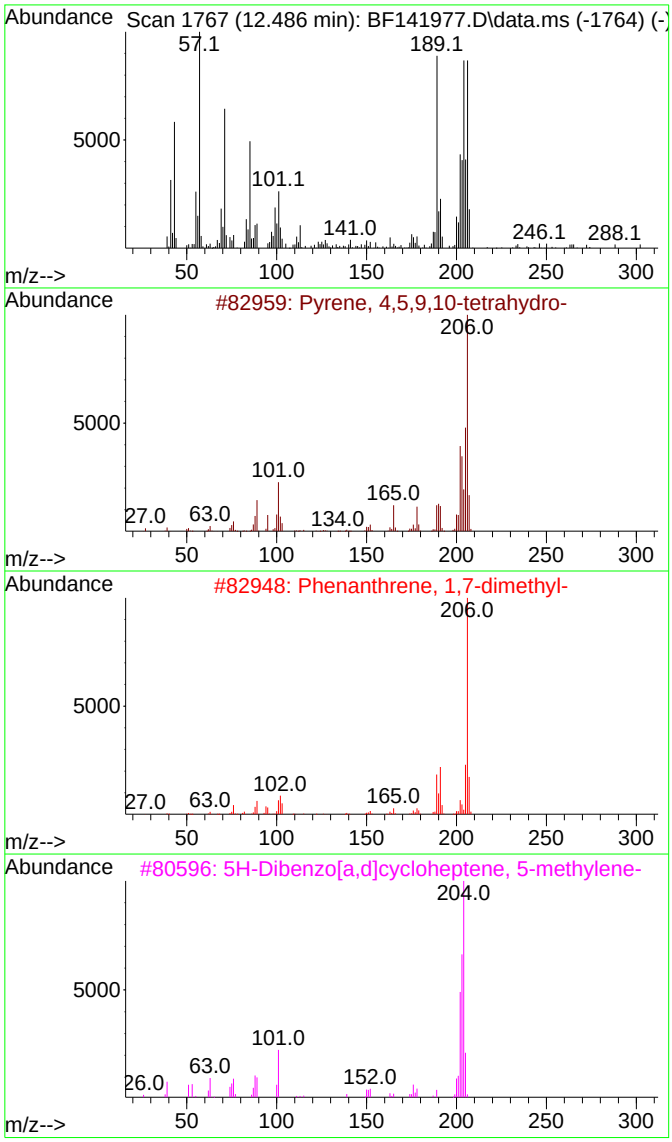
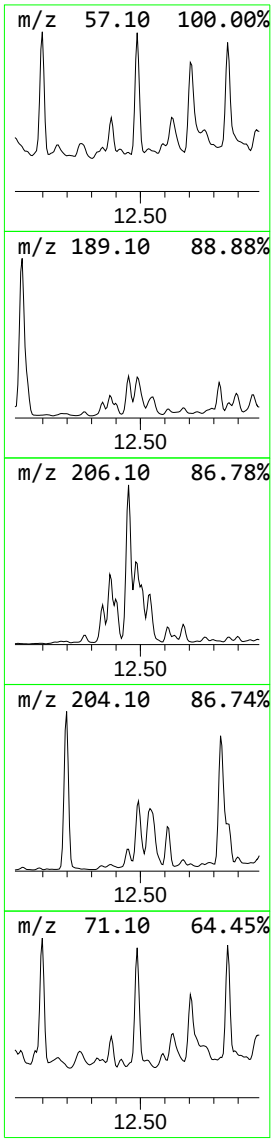
Peak Number 16 unknown12.486 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	5.77 ng	238482	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	35
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35





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ALS Vial : 6 Sample Multiplier: 1

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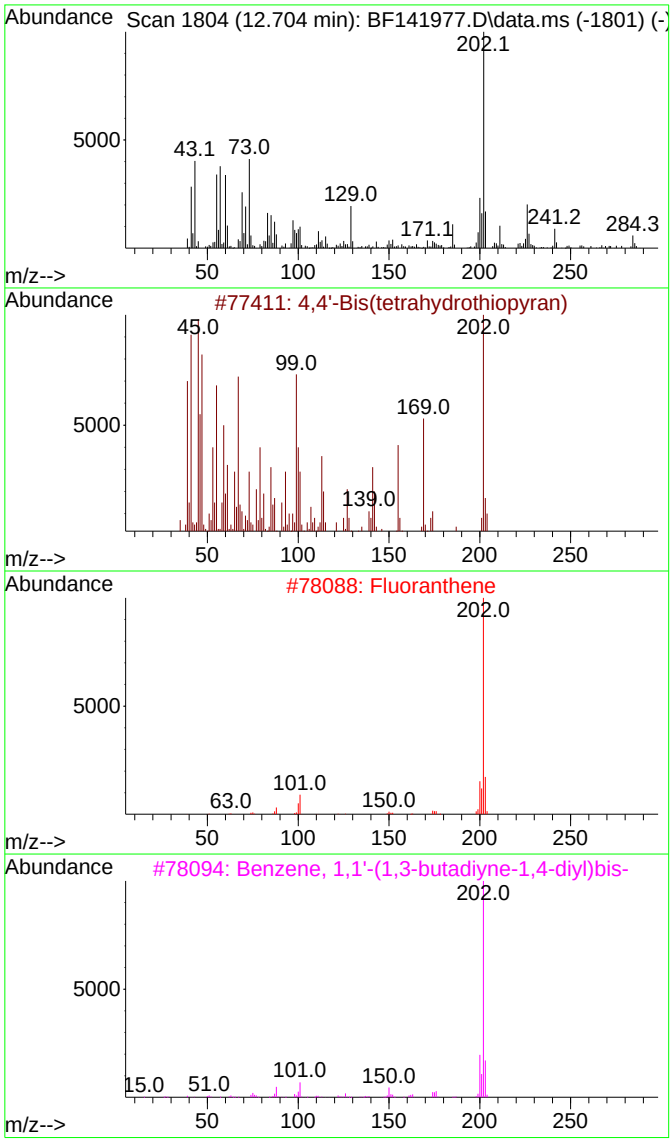
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

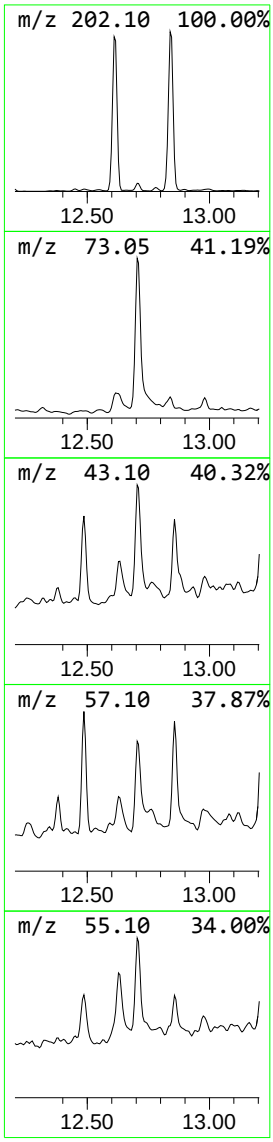
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	5.08 ng	209817	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2	Fluoranthene	202	C16H10	000206-44-0	55
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	46
4	Pyrene	202	C16H10	000129-00-0	46
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	43





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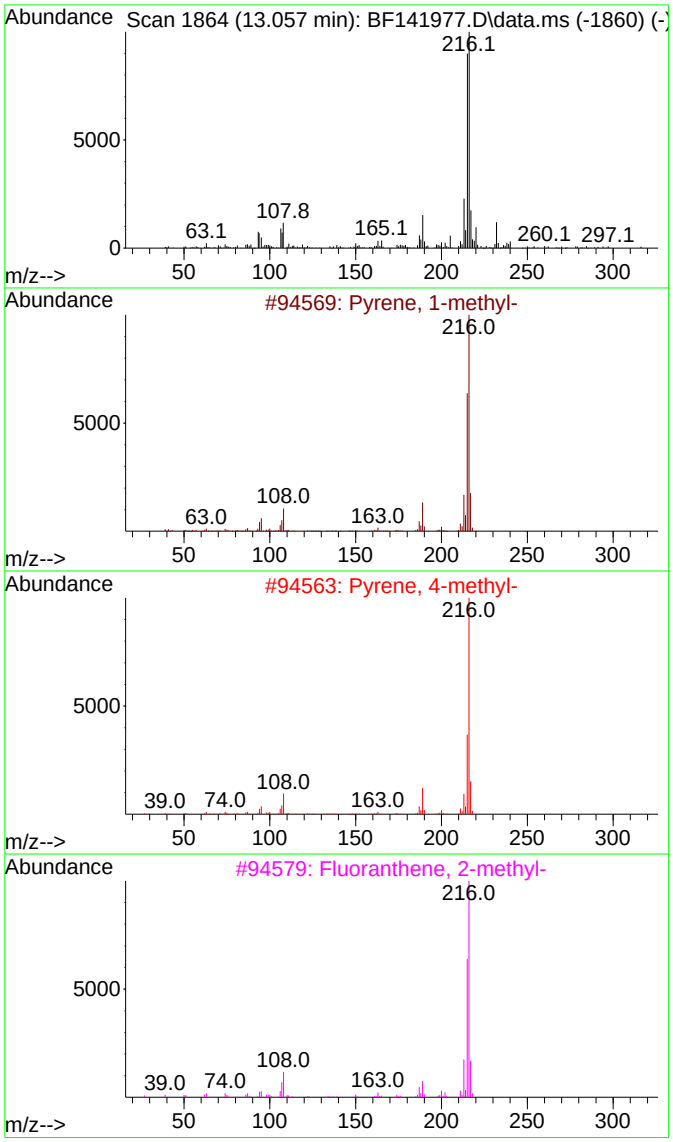
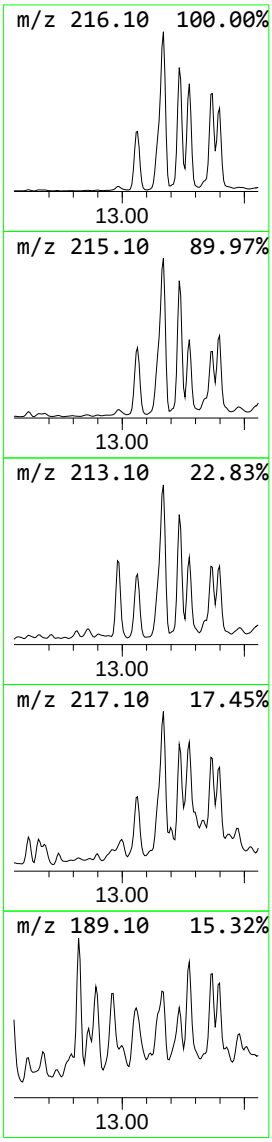
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.25 ng	245471	Chrysene-d12	14.039

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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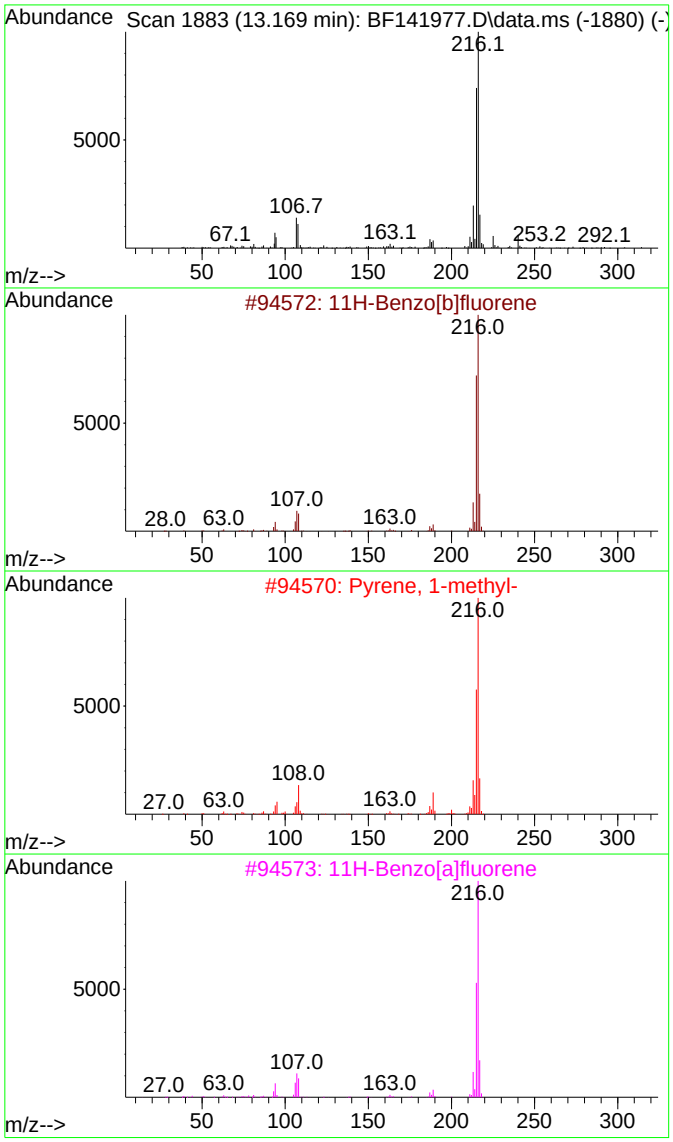
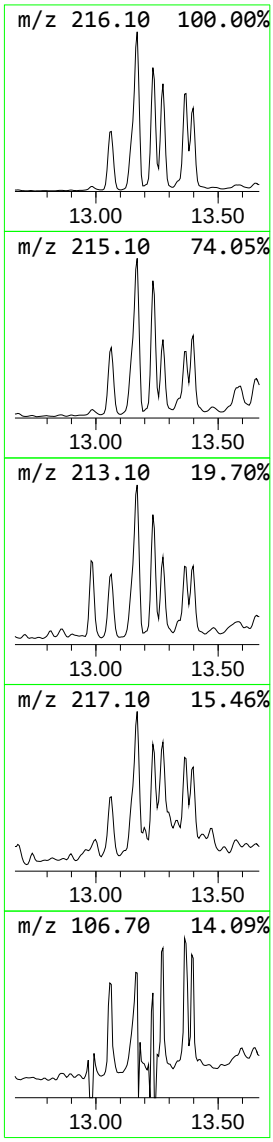
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.44 ng	267120	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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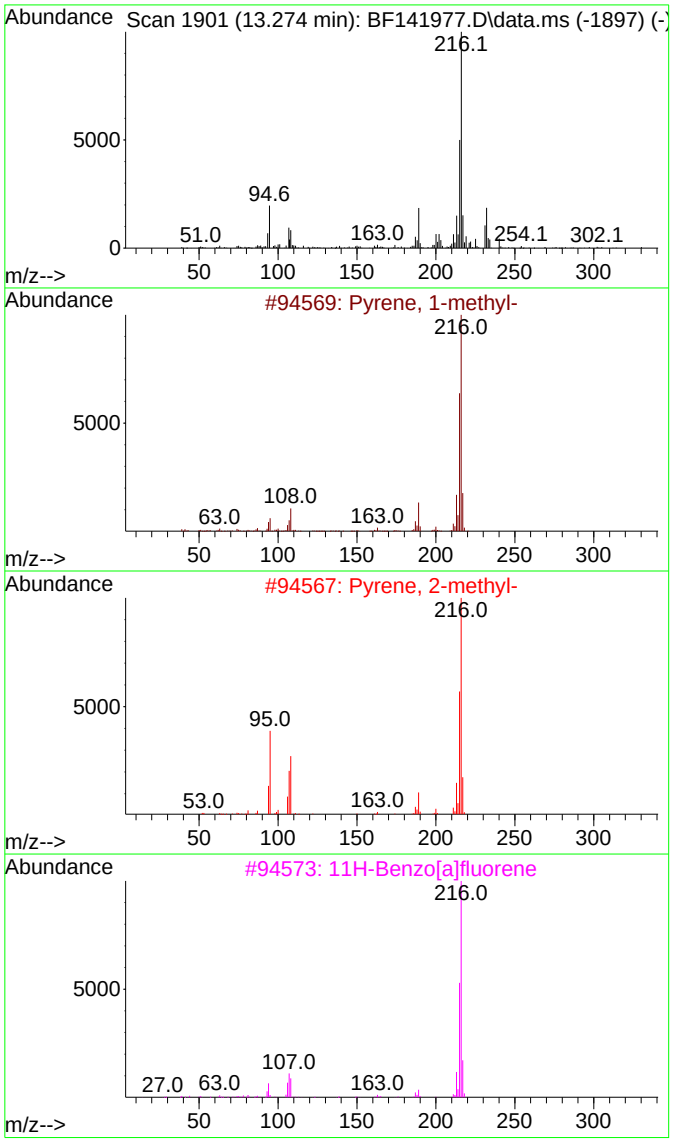
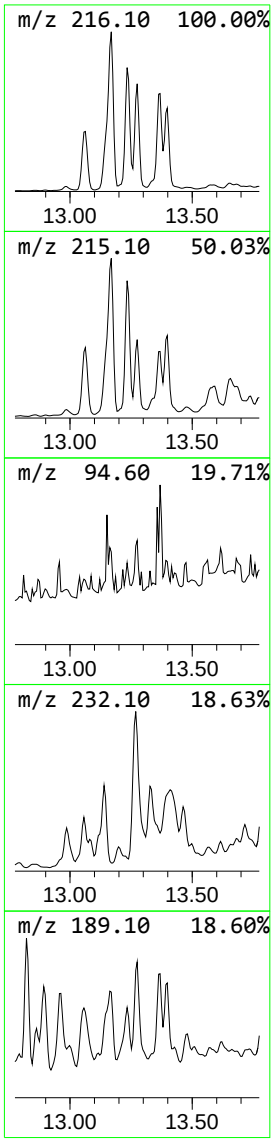
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	2.07 ng	226507	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	1,2-Difluorostilbene	216	C14H10F2	000643-76-5	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141977.D
Acq On : 17 Mar 2025 13:01
Operator : RC/JU
Sample : Q1585-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.128	18.8	ng	704782	1	6.875	751370	20.0
Naphthalene, 1-...	8.975	2.8	ng	126420	2	8.157	903710	20.0
Naphthalene, 2,...	9.569	3.4	ng	135720	3	9.910	811229	20.0
unknown9.634	9.634	2.6	ng	106031	3	9.910	811229	20.0
Naphthalene, 2,...	9.686	2.0	ng	82746	3	9.910	811229	20.0
unknown10.116	10.116	2.6	ng	106925	3	9.910	811229	20.0
Benzophenone	10.622	4.3	ng	173794	3	9.910	811229	20.0
Dodecane	10.822	4.7	ng	192250	4	11.398	826340	20.0
Pentadecane	11.263	2.0	ng	83877	4	11.398	826340	20.0
Dibenzothiophene	11.292	4.0	ng	165558	4	11.398	826340	20.0
1H-Cyclopropa[l...	11.922	24.9	ng	1027840	4	11.398	826340	20.0
4H-Cyclopenta[d...	12.010	13.9	ng	572564	4	11.398	826340	20.0
5,16[1',2']:8,1...	12.198	2.5	ng	101620	4	11.398	826340	20.0
Phenanthrene, 1...	12.375	4.2	ng	174351	4	11.398	826340	20.0
9,10-Dimethylan...	12.451	6.5	ng	267999	4	11.398	826340	20.0
unknown12.486	12.486	5.8	ng	238482	4	11.398	826340	20.0
4,4'-Bis(tetrah...	12.704	5.1	ng	209817	4	11.398	826340	20.0
Pyrene, 1-methyl-	13.057	2.3	ng	245471	5	14.039	2185420	20.0
11H-Benzo[b]flu...	13.169	2.4	ng	267120	5	14.039	2185420	20.0
Pyrene, 2-methyl-	13.275	2.1	ng	226507	5	14.039	2185420	20.0