LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF139770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	23	rVB	1426922	2246193	100.00%	8.701%
2	5.081	503	508	518	rVB	78434	112644	5.01%	0.436%
3	5.487	571	577	596	rVB	1111360	1457395	64.88%	5.646%
4	6.498	743	749	771	rBV	1058086	1395843	62.14%	5.407%
5	6.869	807	812	817	rBV	349879	444690	19.80%	1.723%
6	7.428	901	907	917	rBV	697402	874602	38.94%	3.388%
7	7.681	941	950	954	rBV	28949	39006	1.74%	0.151%
8	8.145	1022	1029	1037	rBV	394790	532965	23.73%	2.065%
9	8.239	1041	1045	1056	rVB	21378	33670	1.50%	0.130%
10	8.363	1062	1066	1071	rVB	18846	23229	1.03%	0.090%
11	8.857	1146	1150	1155	rVB2	20545	25928	1.15%	0.100%
12	9.222	1206	1212	1221	rBV	1052177	1308050	58.23%	5.067%
13	9.557	1265	1269	1272	rBV	26702	36880	1.64%	0.143%
14	9.763	1299	1304	1309	rBV	77234	94495	4.21%	0.366%
15	9.898	1320	1327	1332	rBV	341713	456030	20.30%	1.767%
16	10.104	1357	1362	1366	rBV2	19185	24752	1.10%	0.096%
17	10.310	1391	1397	1402	rBV3	31043	61368	2.73%	0.238%
18	10.445	1416	1420	1426	rVB	51593	74712	3.33%	0.289%
19	10.610	1443	1448	1456	rVB	181807	239592	10.67%	0.928%
20	10.692	1456	1462	1472	rBV	493295	661099	29.43%	2.561%
21	10.810	1477	1482	1488	rVB3	20526	37232	1.66%	0.144%
22	10.998	1507	1514	1516	rBV2	19495	33169	1.48%	0.128%
23	11.192	1543	1547	1551	rBV	40736	51370	2.29%	0.199%
24	11.245	1551	1556	1559	rVV4	15355	23795	1.06%	0.092%
25	11.286	1559	1563	1568	rVB	56470	73488	3.27%	0.285%
26	11.392	1575	1581	1582	rBV	346243	472408	21.03%	1.830%
27	11.416	1582	1585	1589	rVV	1021815	1248373	55.58%	4.836%
28	11.463	1589	1593	1597	rVB	95409	115973	5.16%	0.449%
29	11.622	1615	1620	1625	rBV	23038	40554	1.81%	0.157%
30	11.680	1626	1630	1634	rVV2	42286	57522	2.56%	0.223%
31	11.722	1634	1637	1642	rVB2	28355	36510	1.63%	0.141%
32	11.798	1643	1650	1654	rVB2	13432	30998	1.38%	0.120%
33	11.892	1661	1666	1667	rBV	109396	142314	6.34%	0.551%
34	11.916	1667	1670	1675	rVV2	240154	342825	15.26%	1.328%
35	11.963	1676	1678	1681	rVV	34089	45125	2.01%	0.175%
36	12.004	1681	1685	1693	rVB3	189019	362302	16.13%	1.403%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	12.075	1693	1697	1702	rBV4	17235	30728	1.37%	0.119%
38	12.186	1711	1716	1719	rBV	117306	163402	7.27%	0.633%
39	12.210	1719	1720	1727	rVB	64515	66641	2.97%	0.258%
40	12.333	1736	1741	1744	rBV3	25147	40823	1.82%	0.158%
41	12.439	1754	1759	1762	rBV	62296	96514	4.30%	0.374%
42	12.474	1762	1765	1771	rVV2	42300	81052	3.61%	0.314%
43	12.527	1771	1774	1780	rVB	76893	101026	4.50%	0.391%
44	12.604	1782	1787	1792	rBV	1161335	1463259	65.14%	5.668%
45	12.698	1799	1803	1807	rBV	100014	116221	5.17%	0.450%
46	12.757	1810	1813	1819	rVB2	37596	55968	2.49%	0.217%
47	12.833	1819	1826	1832	rBV	1221085	1699543	75.66%	6.584%
48	12.880	1832	1834	1839	rVB2	32460	44039	1.96%	0.171%
49	12.974	1842	1850	1857	rVB	969524	1307361	58.20%	5.064%
50	13.051	1858	1863	1869	rBV4	81658	150220	6.69%	0.582%
51	13.157	1874	1881	1885	rVB2	103483	216889	9.66%	0.840%
52	13.198	1885	1888	1890	rBV3	21187	27538	1.23%	0.107%
53	13.227	1890	1893	1895	rVV2	37917	43681	1.94%	0.169%
54	13.263	1895	1899	1907	rVB2	96735	140684	6.26%	0.545%
55	13.357	1911	1915	1918	rVV	62997	81669	3.64%	0.316%
56	13.386	1918	1920	1927	rVB	69838	85814	3.82%	0.332%
57	13.539	1943	1946	1956	rBV9	25281	70051	3.12%	0.271%
58	13.669	1964	1968	1973	rVB	95970	128178	5.71%	0.497%
59	13.780	1982	1987	1989	rBV2	106834	159114	7.08%	0.616%
60	13.810	1989	1992	1993	rVV	91914	111181	4.95%	0.431%
61	13.833	1993	1996	2000	rVV2	134112	207940	9.26%	0.806%
62	13.874	2000	2003	2012	rVB	130531	222207	9.89%	0.861%
63	14.027	2022	2029	2032	rBV2	786582	1369591	60.97%	5.306%
64	14.057	2032	2034	2041	rVB	521480	642630	28.61%	2.489%
65	14.180	2051	2055	2064	rBV4	67901	129721	5.78%	0.503%
66	14.416	2092	2095	2098	rVB	72057	80638	3.59%	0.312%
67	14.492	2105	2108	2113	rBV3	54590	96051	4.28%	0.372%
68	14.539	2114	2116	2119	rBV2	40065	50268	2.24%	0.195%
69	14.786	2154	2158	2164	rVB3	96138	167852	7.47%	0.650%
70	15.080	2202	2208	2215	rBV	441948	1005139	44.75%	3.894%
71	15.180	2222	2225	2230	rVB	61145	75623	3.37%	0.293%
72	15.380	2254	2259	2265	rVB	223053	342550	15.25%	1.327%
73	15.445	2265	2270	2275	rVB	331663	485713	21.62%	1.882%
74	15.504	2275	2280	2295	rVB2	248584	564647	25.14%	2.187%
75	16.980	2525	2531	2540	rVB2	144119	312703	13.92%	1.211%
76	17.427	2601	2607	2625	rVB	121342	322346	14.35%	1.249%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

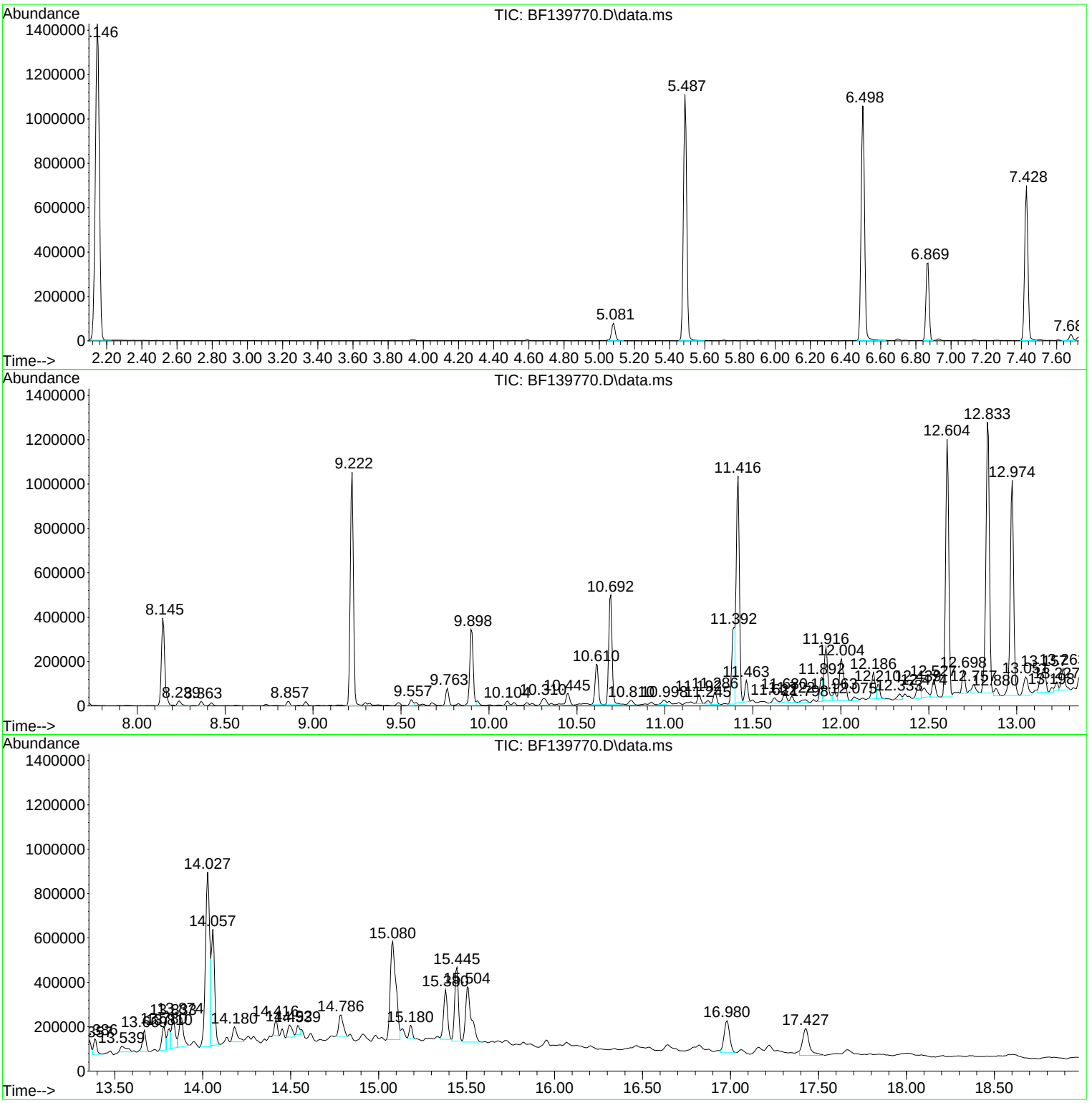
Sum of corrected areas: 25814316

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

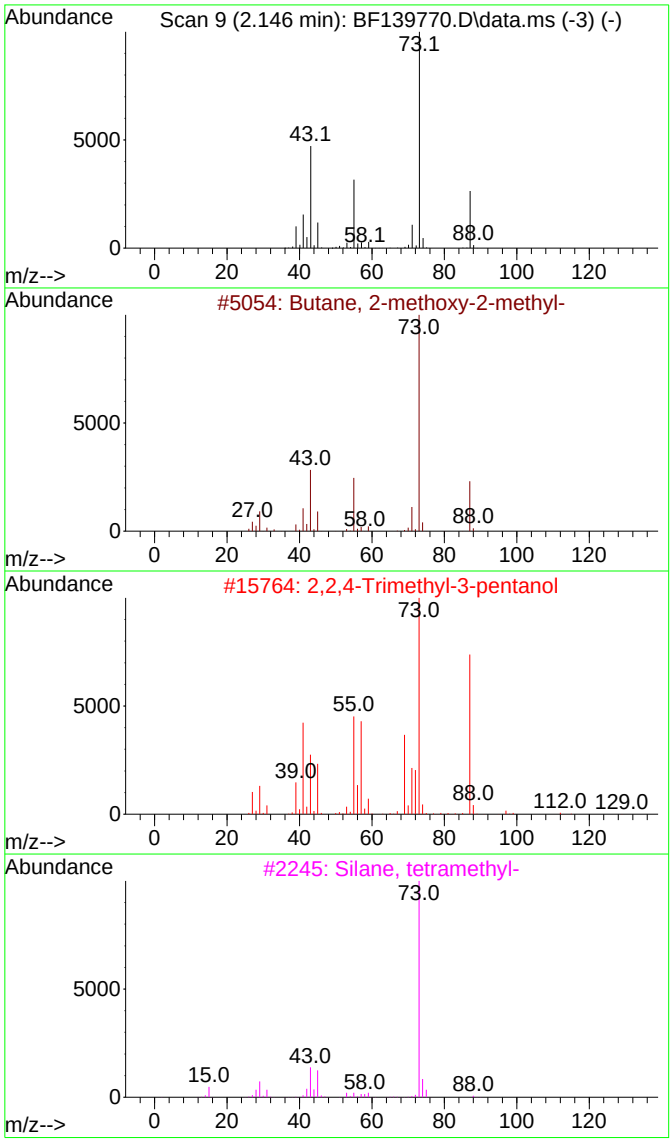
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

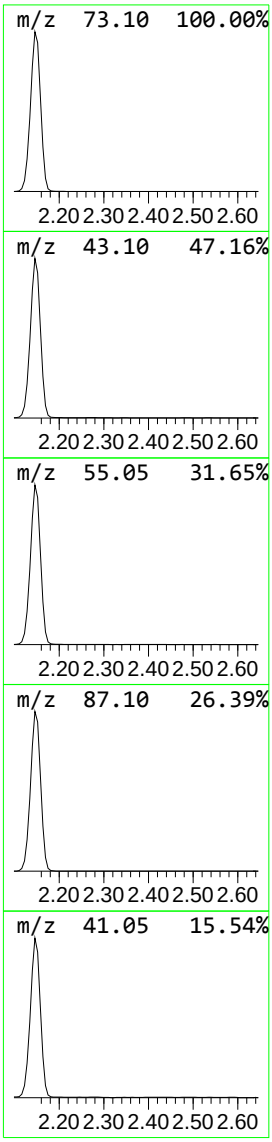
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	101.02 ng	2246190	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

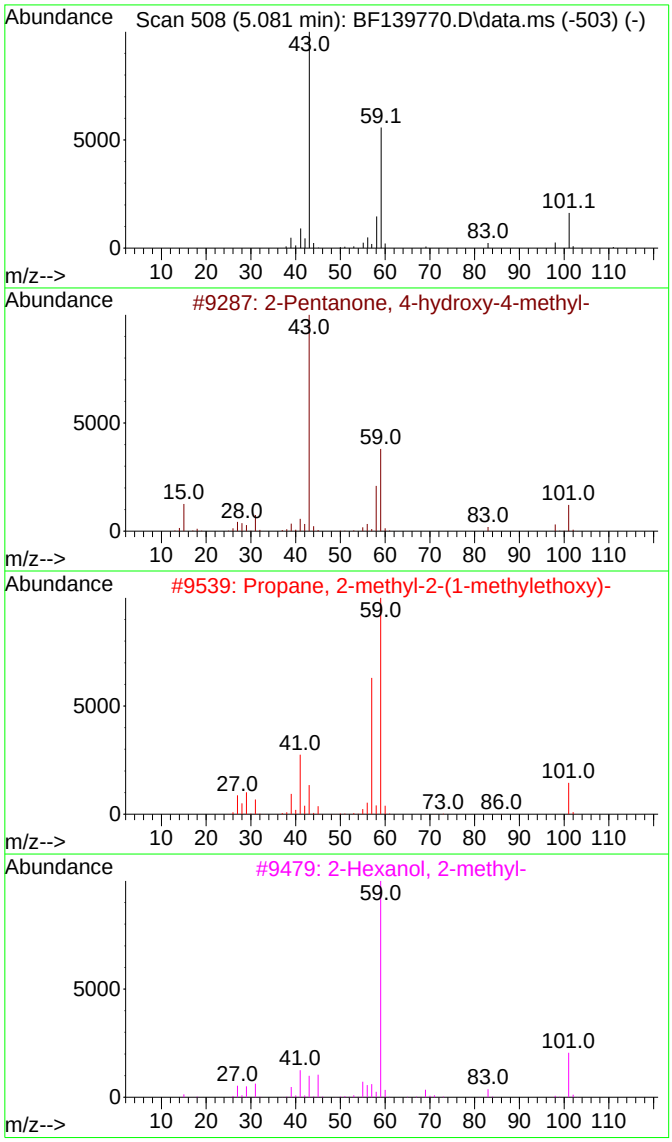
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

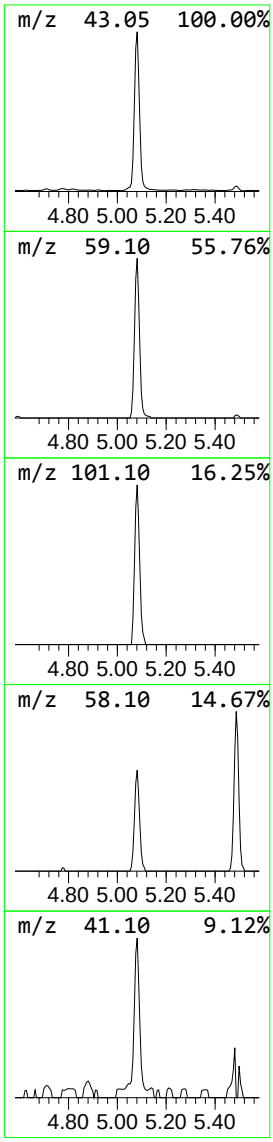
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.07 ng	112644	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

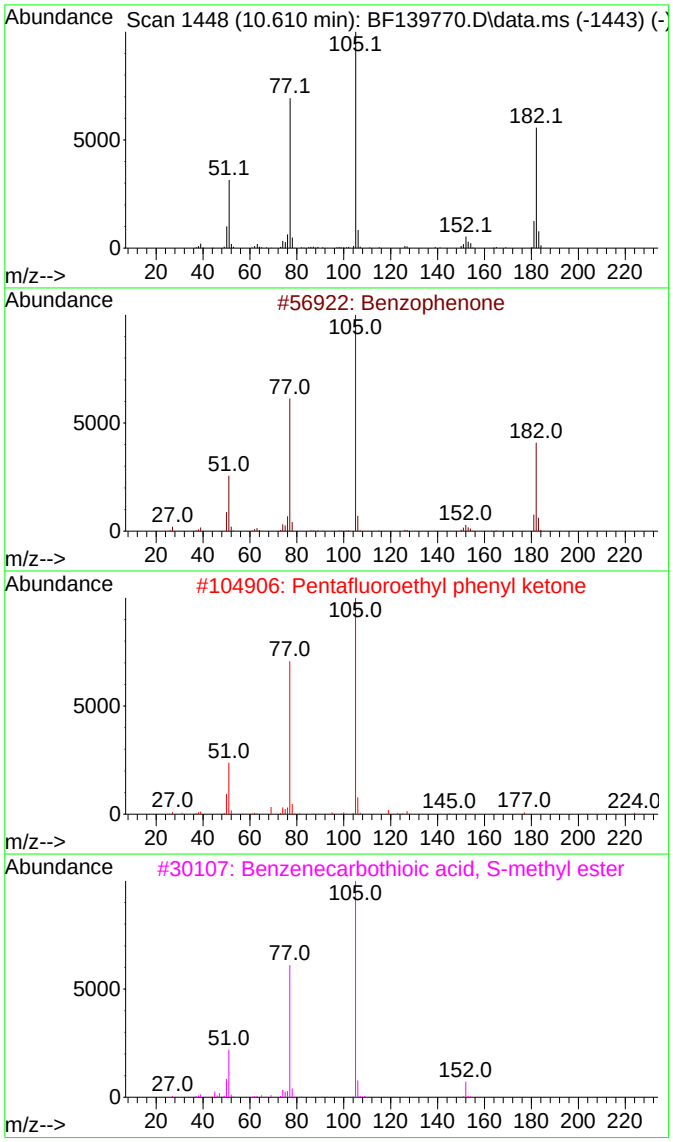
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

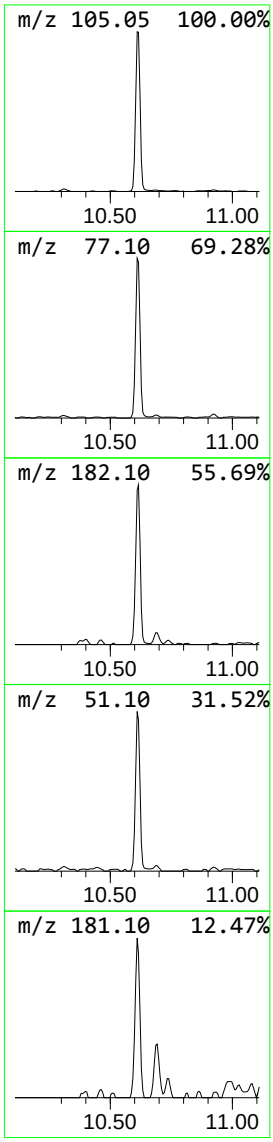
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	10.51 ng	239592	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

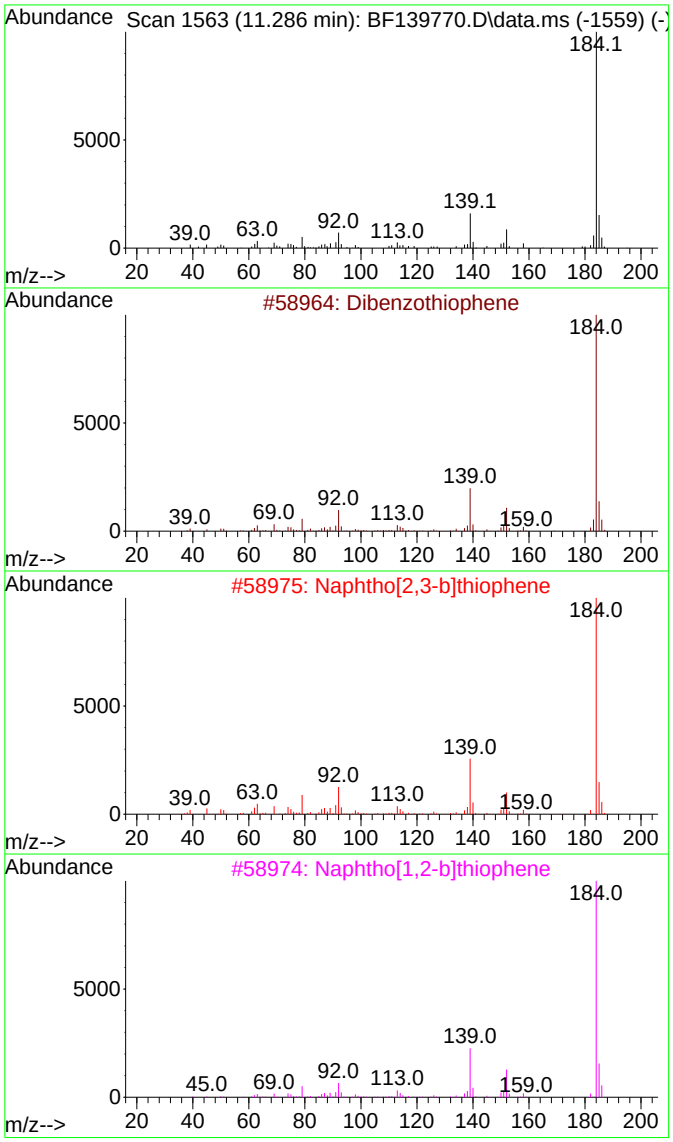
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

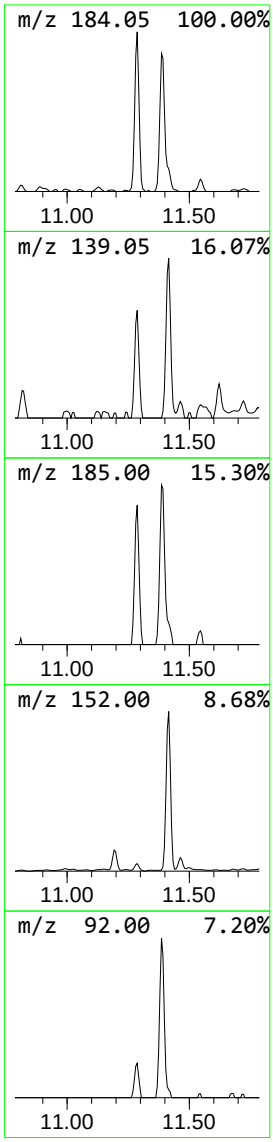
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	3.11 ng	73488	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

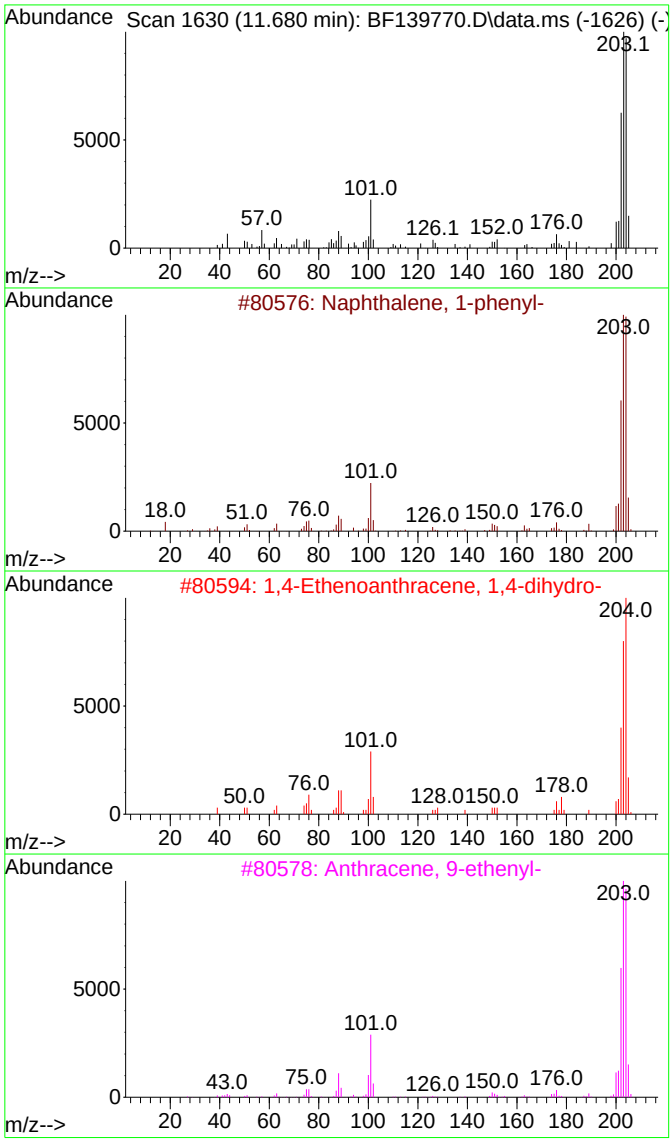
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

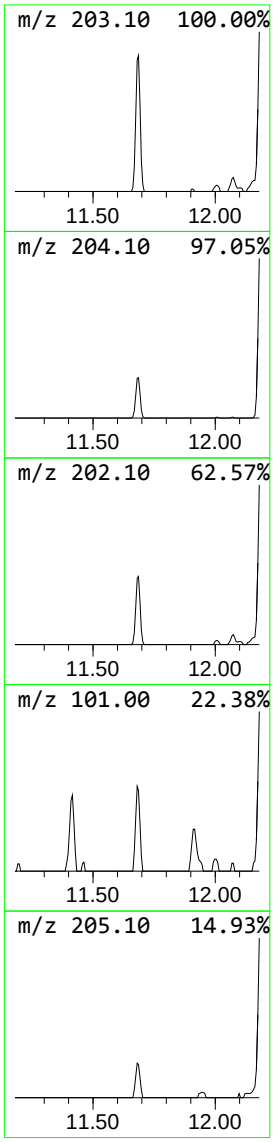
****

Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	2.44 ng	57522	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	90
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

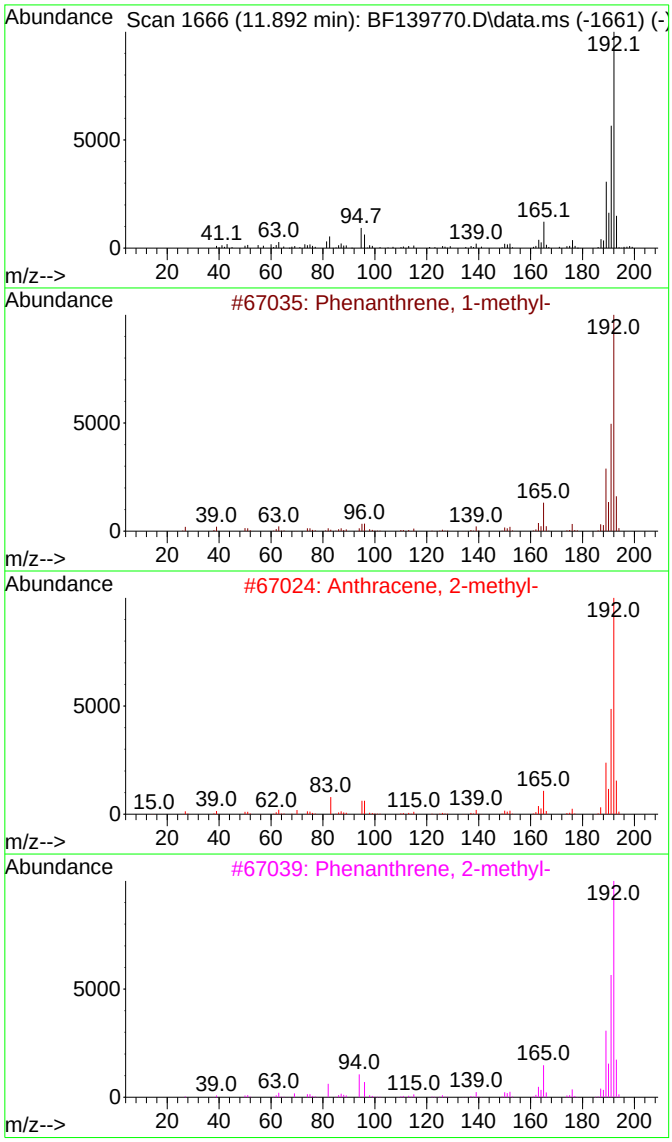
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

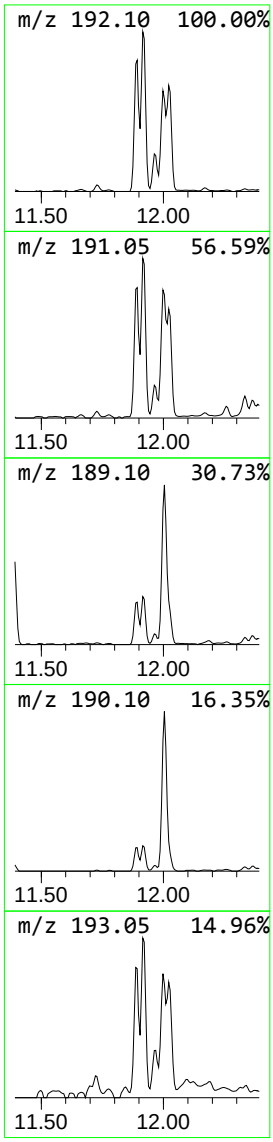
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.03 ng	142314	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

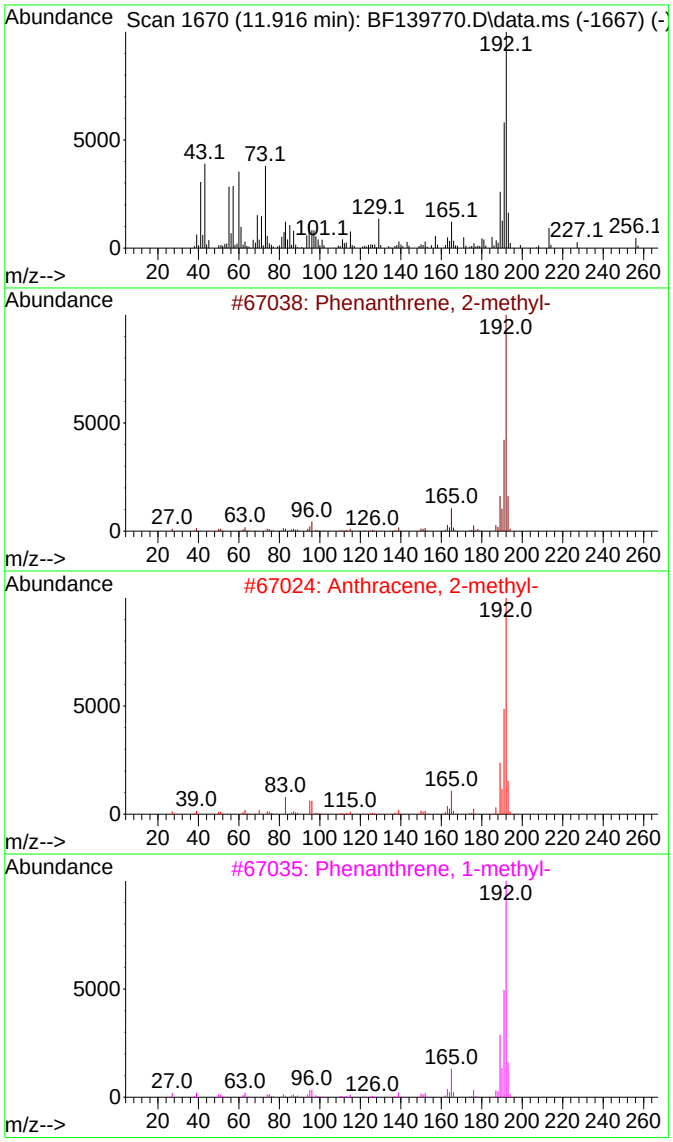
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

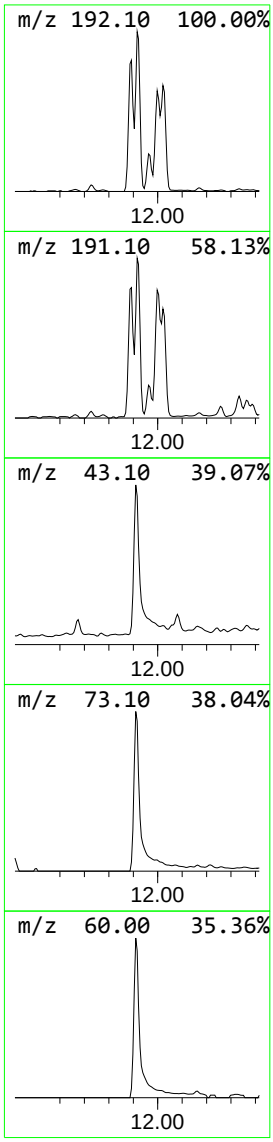
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	14.51 ng	342825	Phenanthrene-d10	11.386

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

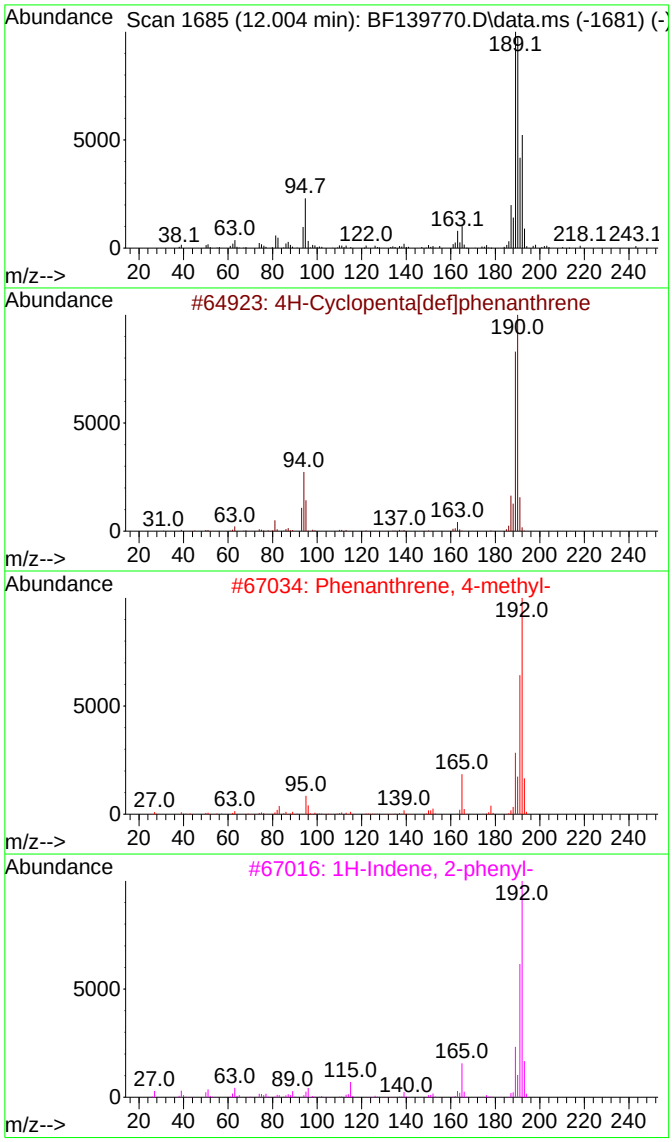
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

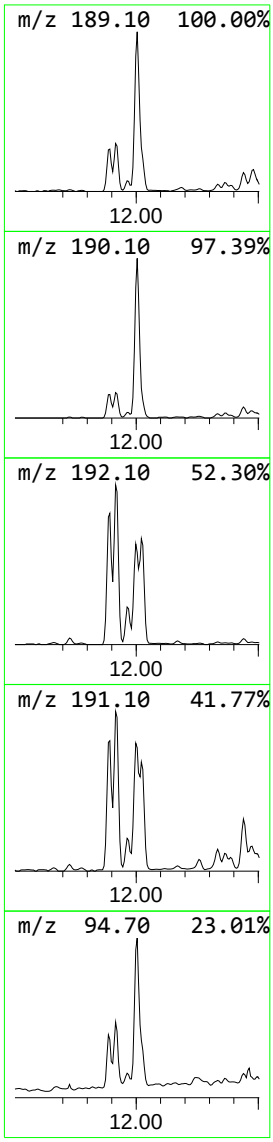
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	15.34 ng	362302	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

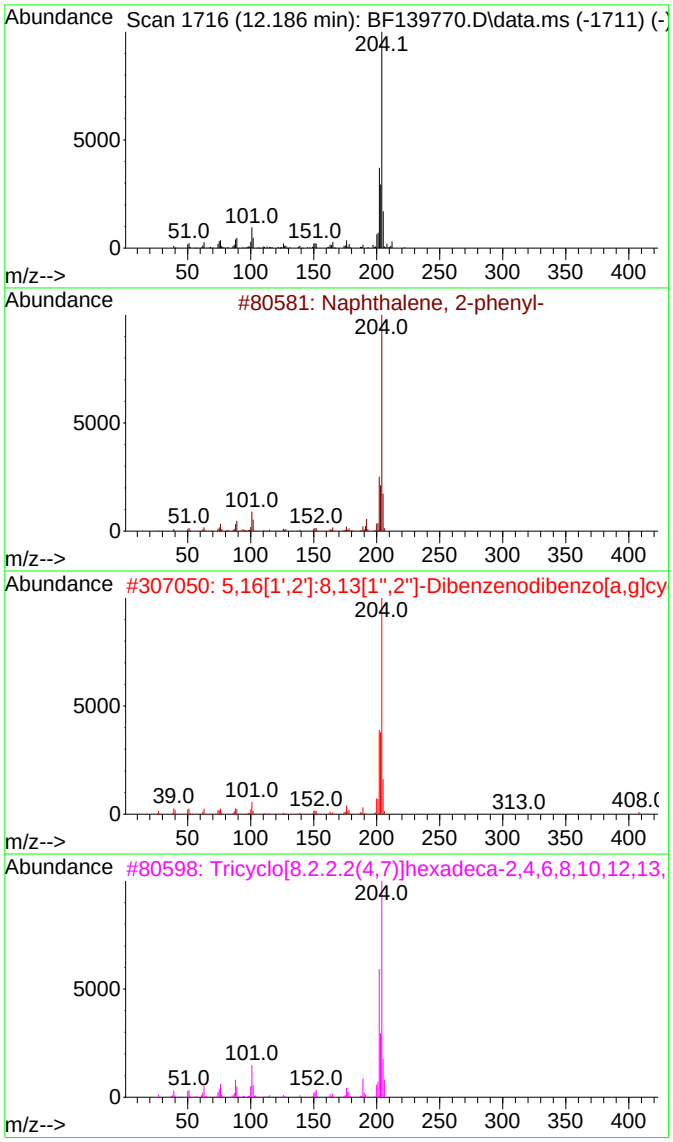
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

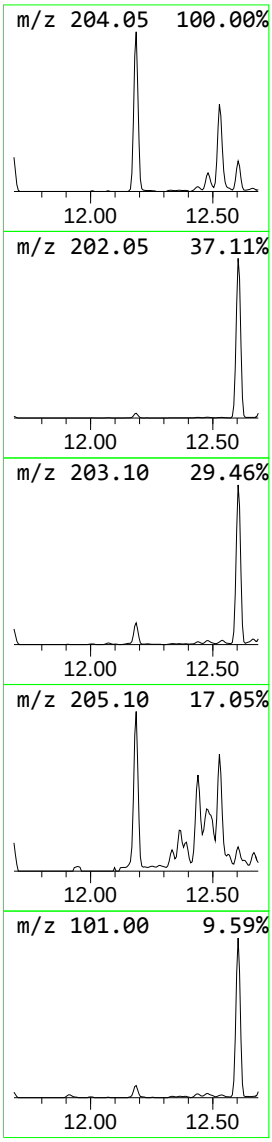
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	6.92 ng	163402	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

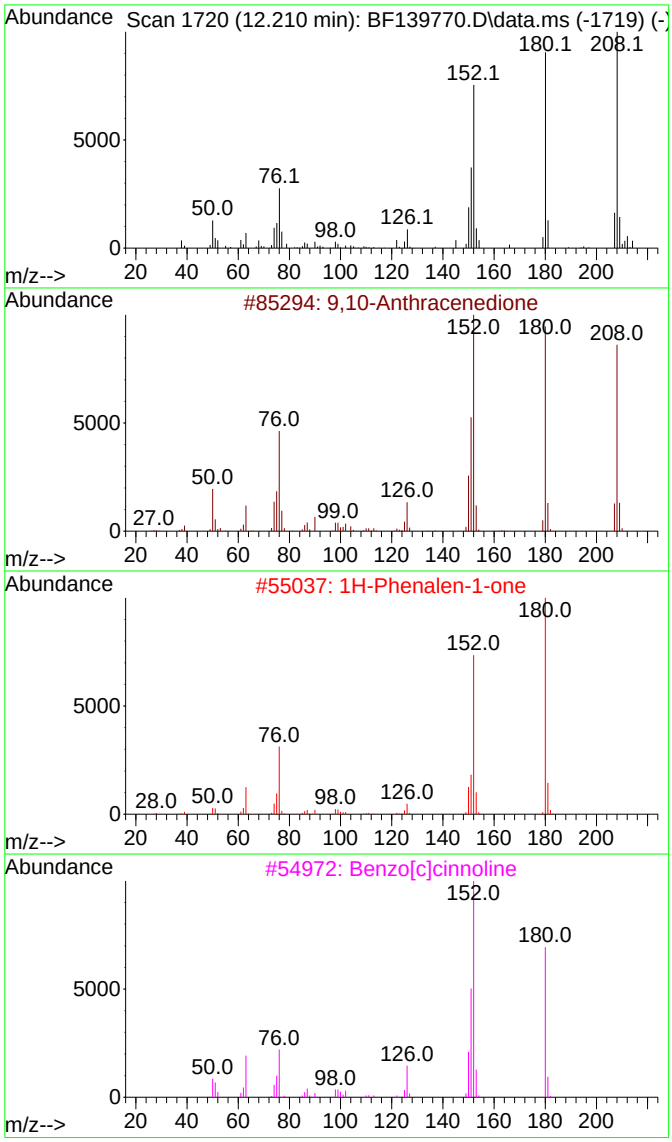
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

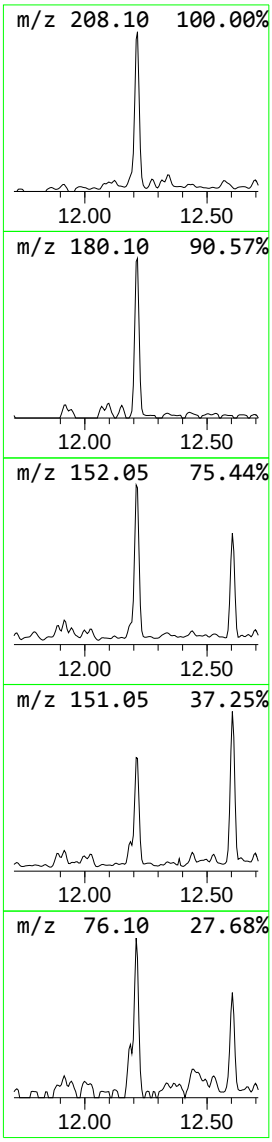
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.82 ng	66641	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	64
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

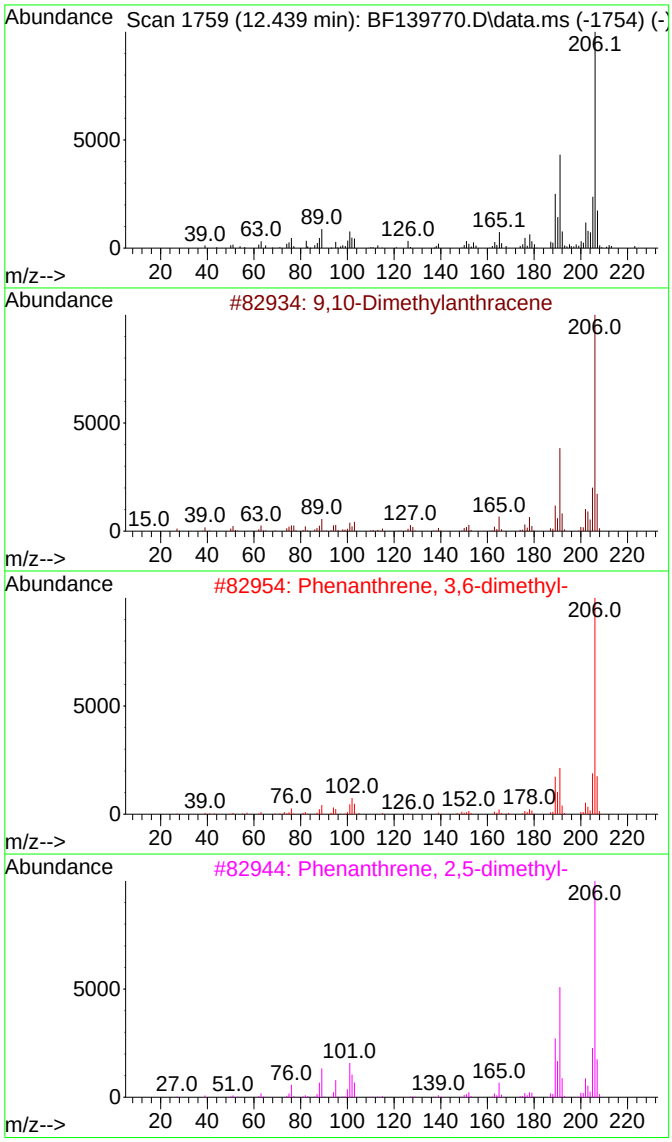
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

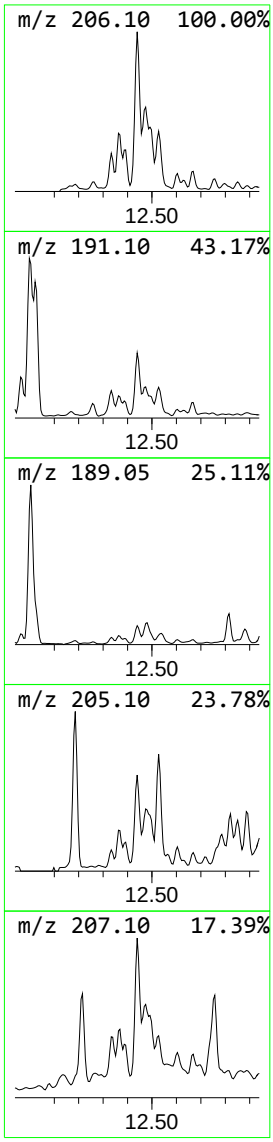
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	4.09 ng	96514	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

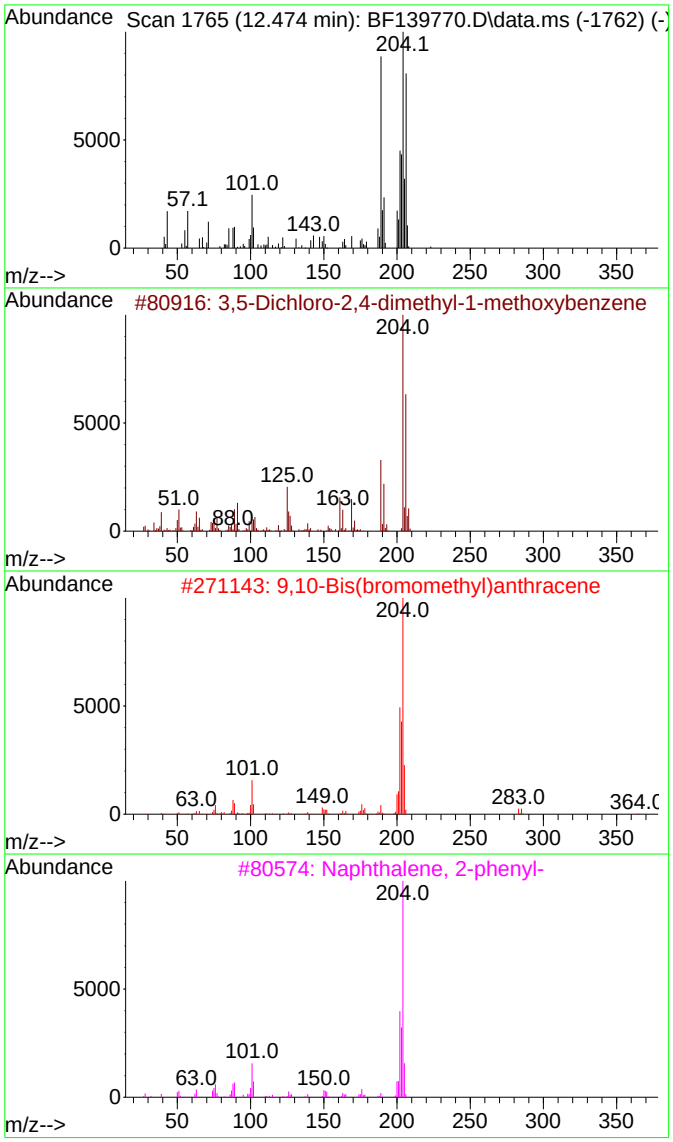
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

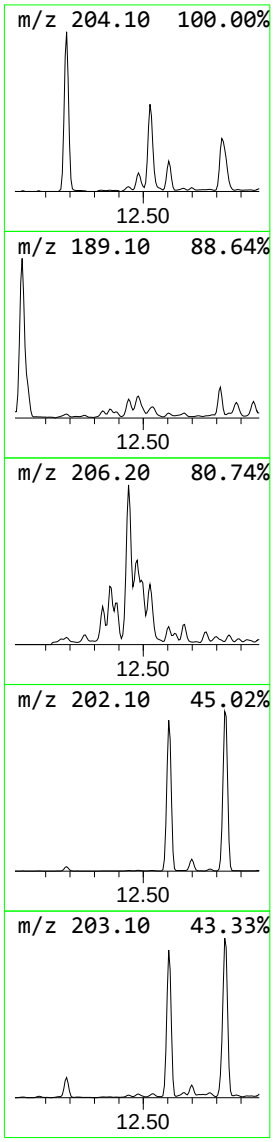
****

Peak Number 12 unknown12.475 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	3.43 ng	81052	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	46
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

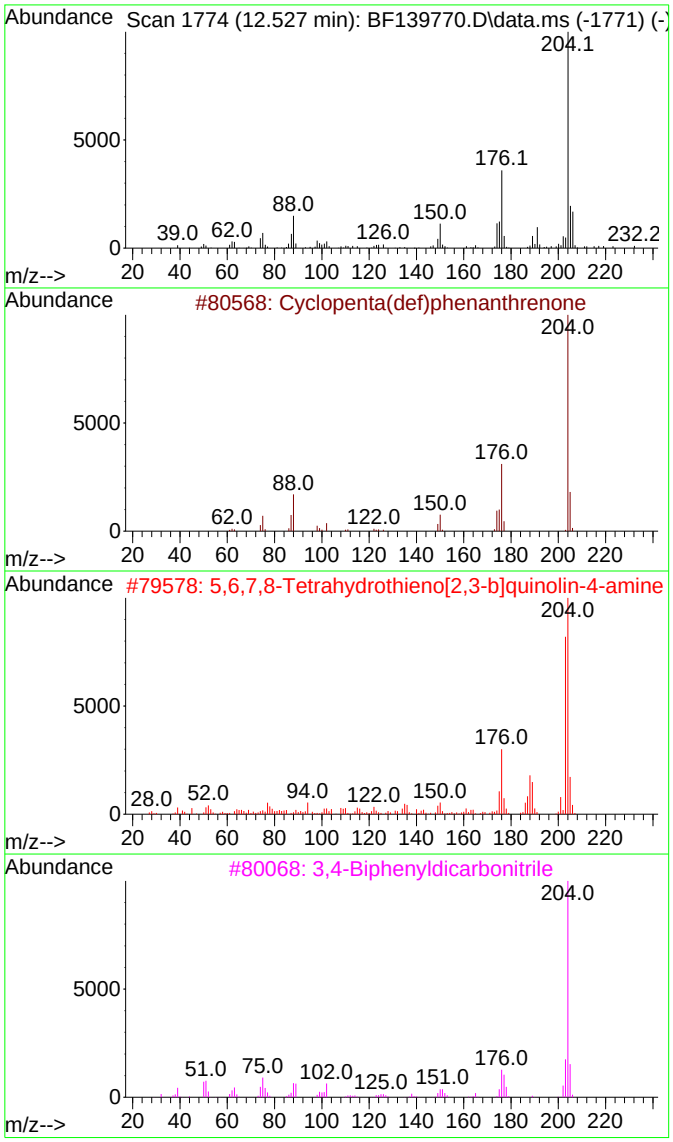
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

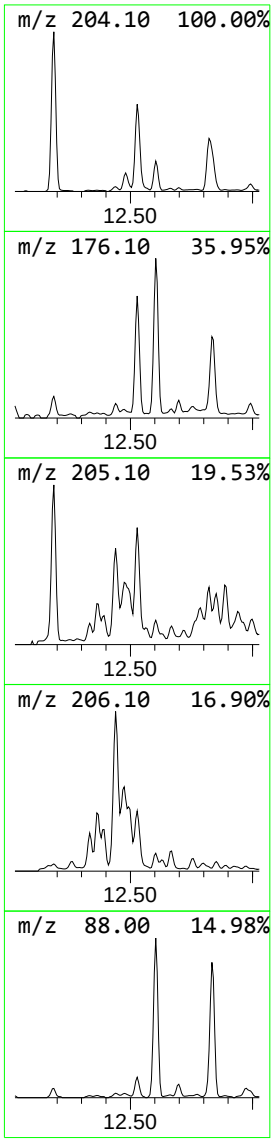
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	4.28 ng	101026	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

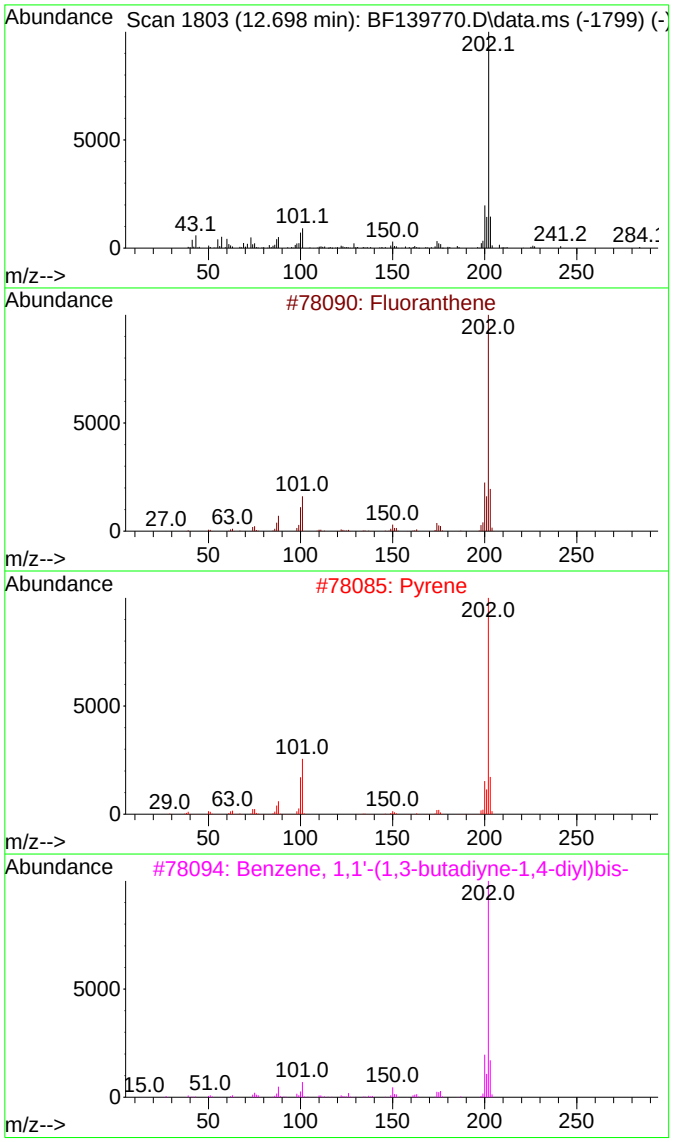
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

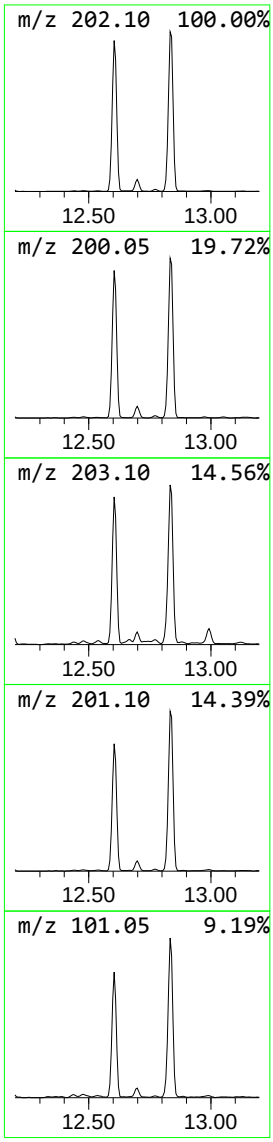
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	4.92 ng	116221	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	89
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	72
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

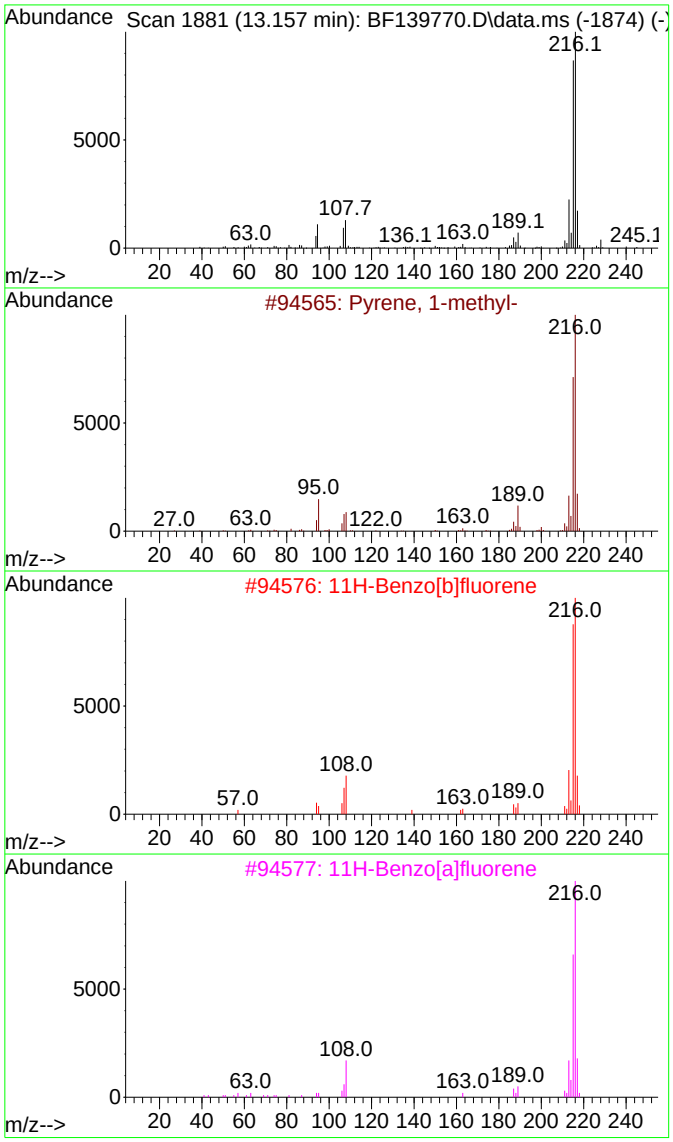
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

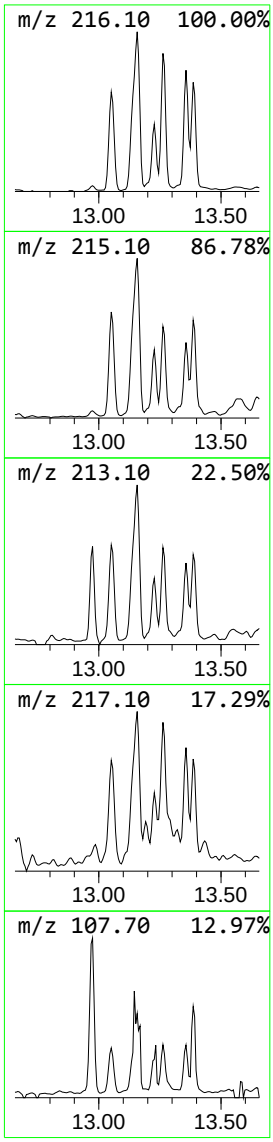
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.17 ng	216889	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

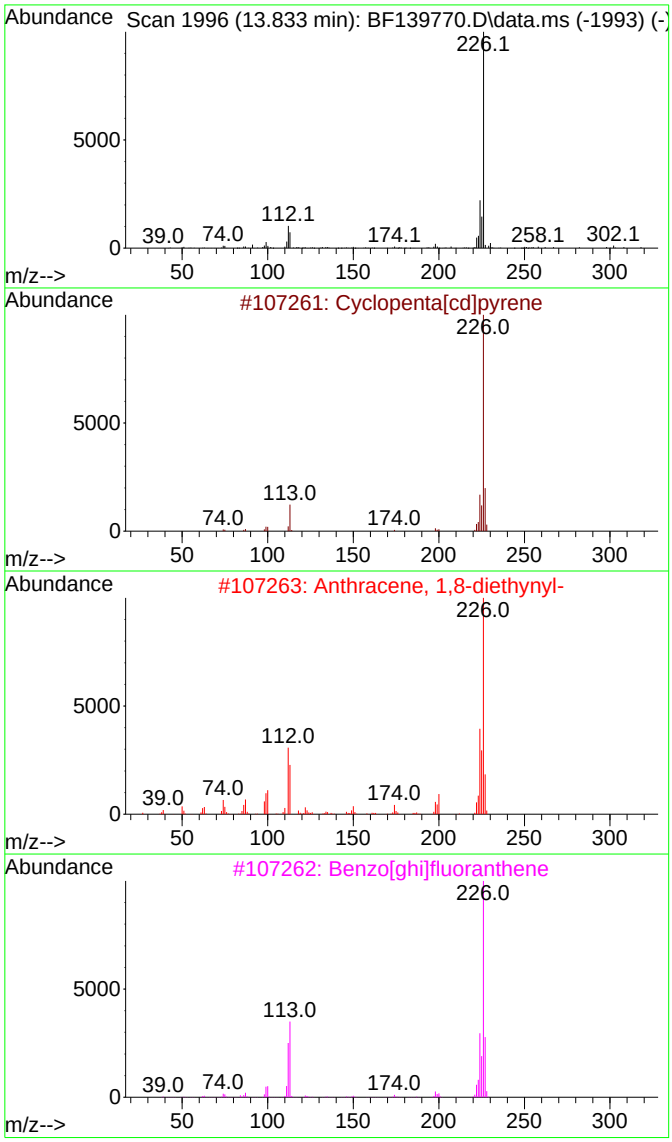
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

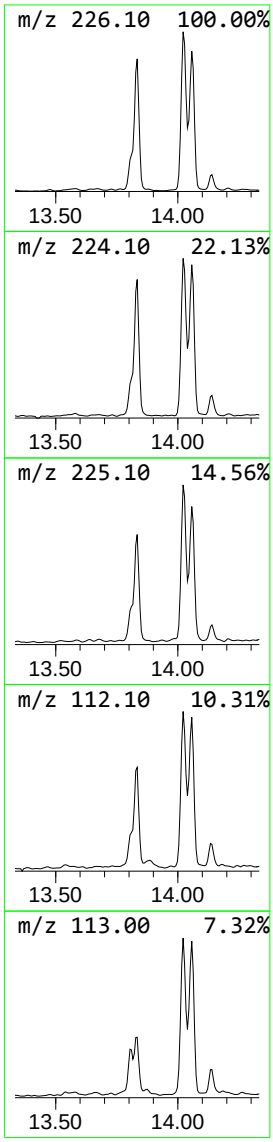
****

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.04 ng	207940	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	32
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	10
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	9
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

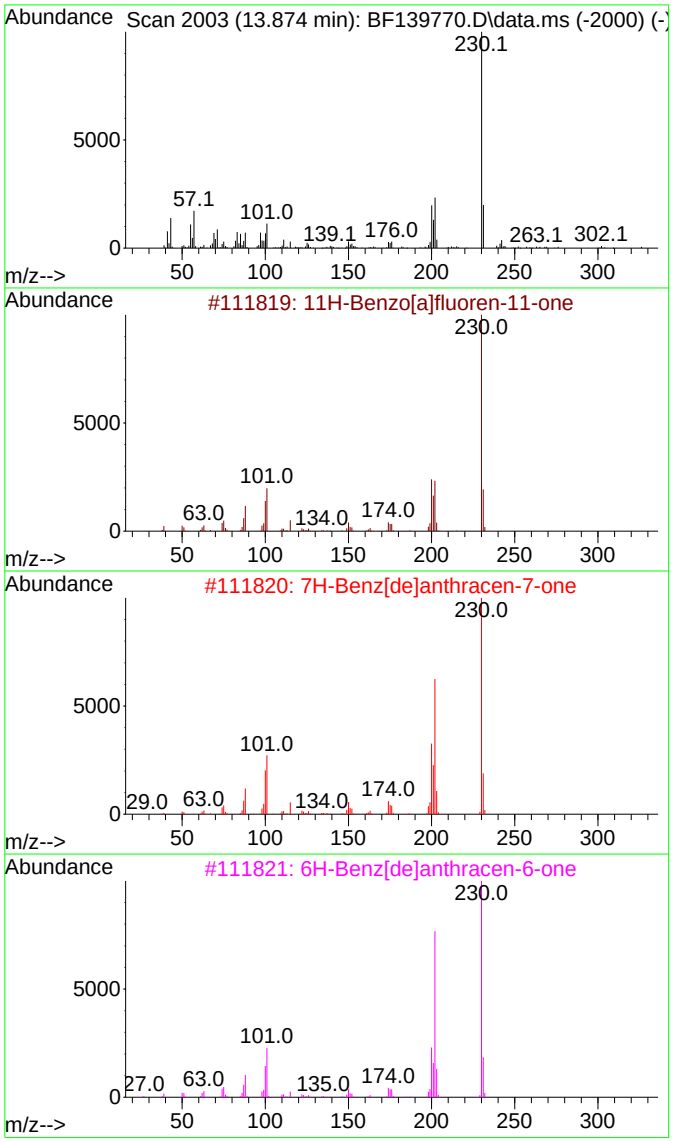
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

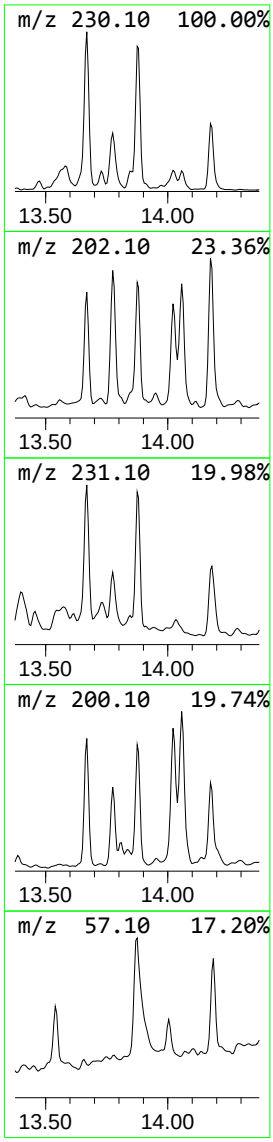
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.24 ng	222207	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

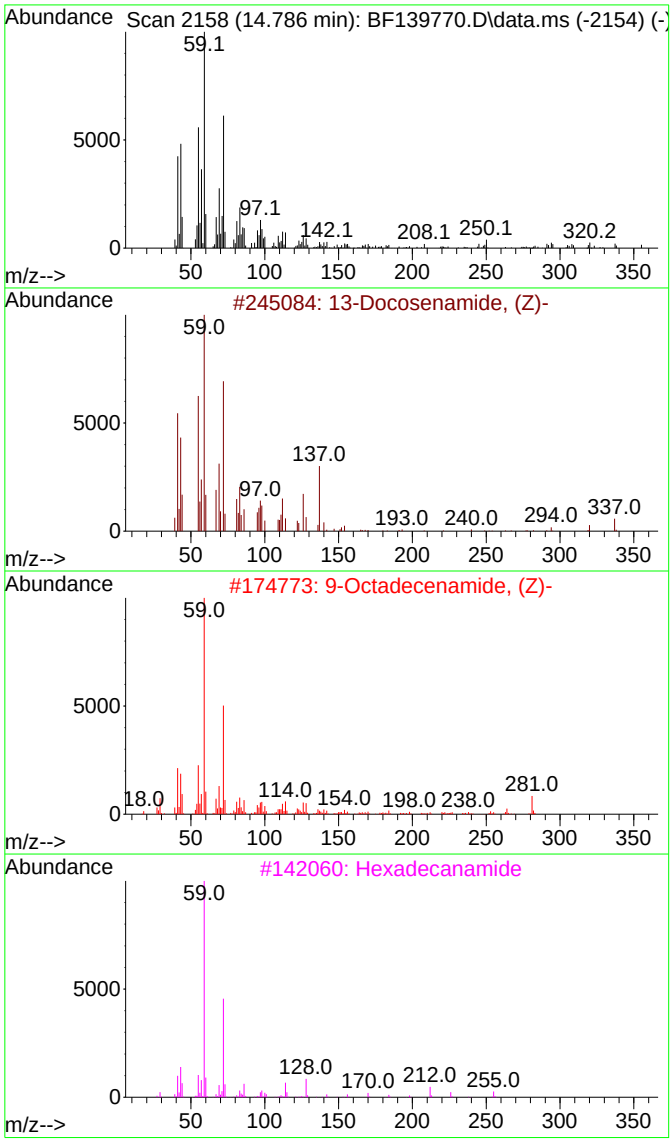
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

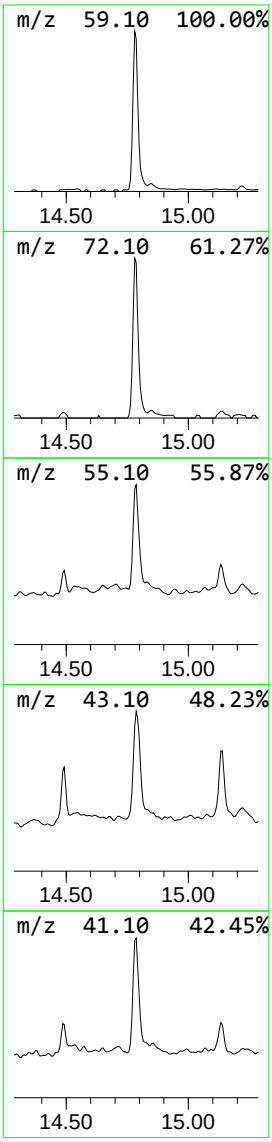
****

Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	5.95 ng	167852	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

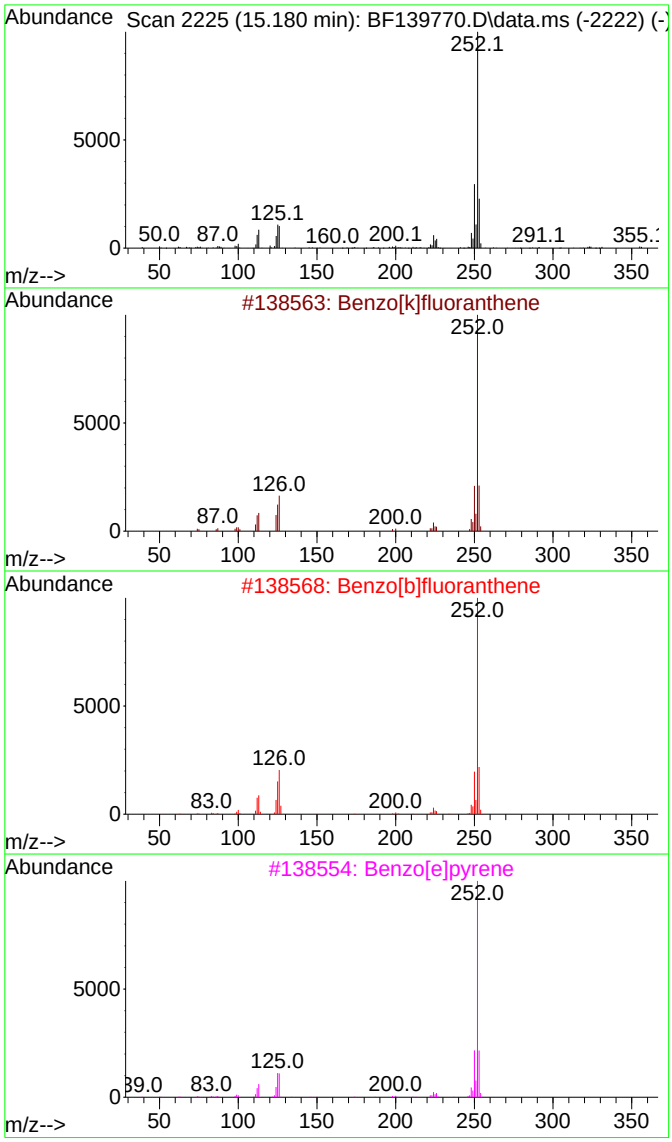
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

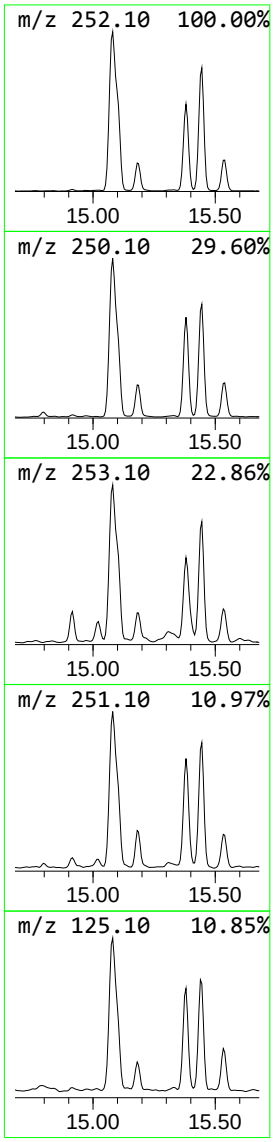
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	2.68 ng	75623	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

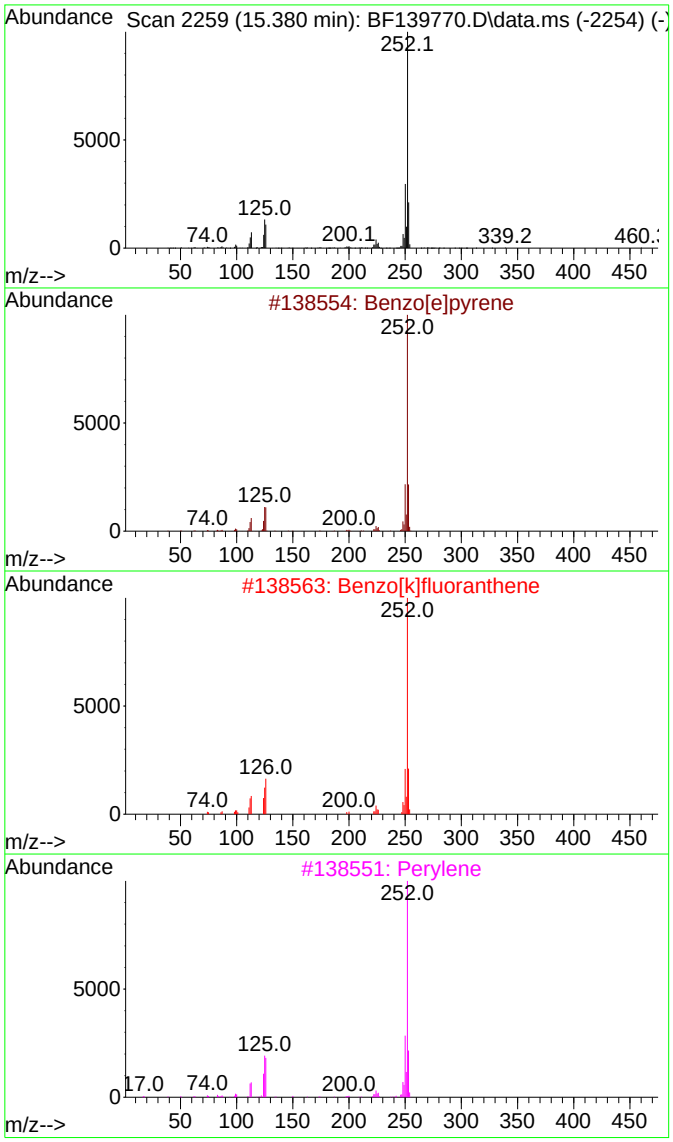
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

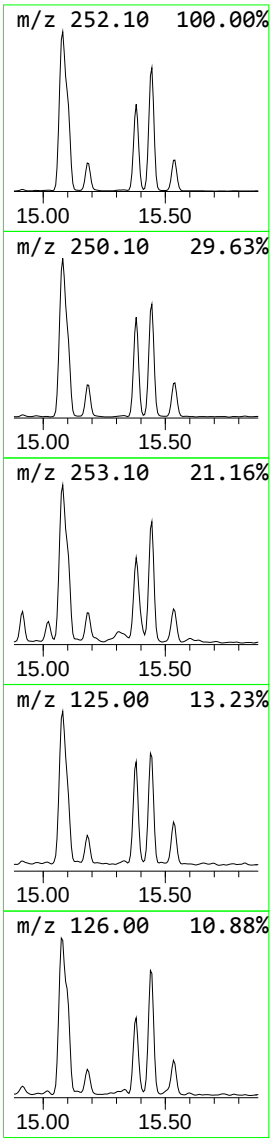
****

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	12.13 ng	342550	Perylene-d12	15.504

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	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139770.D
Acq On : 11 Oct 2024 12:54
Operator : RC/JU
Sample : P4364-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0.167-0.667

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	101.0	ng	2246190	1	6.869	444690	20.0
2-Pentanone, 4-...	5.081	5.1	ng	112644	1	6.869	444690	20.0
Benzophenone	10.610	10.5	ng	239592	3	9.898	456030	20.0
Dibenzothiophene	11.286	3.1	ng	73488	4	11.386	472408	20.0
Naphthalene, 1-...	11.680	2.4	ng	57522	4	11.386	472408	20.0
Phenanthrene, 1...	11.892	6.0	ng	142314	4	11.386	472408	20.0
Phenanthrene, 2...	11.916	14.5	ng	342825	4	11.386	472408	20.0
4H-Cyclopenta[d...	12.004	15.3	ng	362302	4	11.386	472408	20.0
Naphthalene, 2-...	12.186	6.9	ng	163402	4	11.386	472408	20.0
9,10-Anthracene...	12.210	2.8	ng	66641	4	11.386	472408	20.0
9,10-Dimethylan...	12.439	4.1	ng	96514	4	11.386	472408	20.0
unknown12.475	12.475	3.4	ng	81052	4	11.386	472408	20.0
Cyclopenta(def)...	12.527	4.3	ng	101026	4	11.386	472408	20.0
Benzene, 1,1'-(...	12.698	4.9	ng	116221	4	11.386	472408	20.0
Pyrene, 1-methyl-	13.157	3.2	ng	216889	5	14.033	1369590	20.0
Cyclopenta[cd]p...	13.833	3.0	ng	207940	5	14.033	1369590	20.0
11H-Benzo[a]flu...	13.874	3.2	ng	222207	5	14.033	1369590	20.0
13-Docosenamide...	14.786	6.0	ng	167852	6	15.504	564647	20.0
Benzo[e]pyrene	15.180	2.7	ng	75623	6	15.504	564647	20.0
Perylene	15.380	12.1	ng	342550	6	15.504	564647	20.0