LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	16	rVB	276116	418547	56.81%	3.757%
2	3.375	213	218	225	rBV	4131	11764	1.60%	0.106%
3	5.081	500	508	519	rBV	29270	42773	5.81%	0.384%
4	5.487	572	577	592	rVB	461504	615943	83.60%	5.528%
5	6.498	744	749	768	rVB	485667	623718	84.65%	5.598%
6	6.698	779	783	790	rBV	17383	23397	3.18%	0.210%
7	6.875	809	813	818	rBV	327419	411990	55.92%	3.698%
8	7.434	901	908	912	rBV	313248	397147	53.90%	3.565%
9	7.469	912	914	919	rVB	39399	42660	5.79%	0.383%
10	7.692	946	952	956	rBB2	7699	9268	1.26%	0.083%
11	8.157	1026	1031	1039	rBV	364304	474760	64.44%	4.261%
12	8.469	1080	1084	1094	rBV	22446	29660	4.03%	0.266%
13	8.869	1149	1152	1157	rVB	6745	7683	1.04%	0.069%
14	9.228	1208	1213	1219	rBV	488605	617991	83.88%	5.547%
15	9.775	1302	1306	1309	rBV	11545	13870	1.88%	0.124%
16	9.822	1309	1314	1320	rVV	21167	26400	3.58%	0.237%
17	9.910	1324	1329	1333	rVV	338623	416250	56.49%	3.736%
18	9.945	1333	1335	1339	rVV	31153	30866	4.19%	0.277%
19	10.004	1339	1345	1352	rVB3	15020	23176	3.15%	0.208%
20	10.116	1359	1364	1368	rBV	18318	22334	3.03%	0.200%
21	10.457	1418	1422	1428	rVB	26908	32839	4.46%	0.295%
22	10.622	1443	1450	1456	rVB2	18834	28233	3.83%	0.253%
23	10.698	1458	1463	1469	rBV	248111	323692	43.93%	2.905%
24	10.822	1479	1484	1492	rVB4	5505	8378	1.14%	0.075%
25	11.004	1509	1515	1518	rBV3	6098	10491	1.42%	0.094%
26	11.133	1532	1537	1539	rBV4	4491	7398	1.00%	0.066%
27	11.198	1544	1548	1552	rVV	24045	29276	3.97%	0.263%
28	11.251	1552	1557	1560	rVV4	6792	11124	1.51%	0.100%
29	11.292	1560	1564	1569	rVB	16871	19900	2.70%	0.179%
30	11.398	1576	1582	1584	rBV	318232	467097	63.40%	4.192%
31	11.422	1584	1586	1590	rVV	346580	351723	47.74%	3.157%
32	11.469	1590	1594	1598	rVV	71714	91718	12.45%	0.823%
33	11.498	1598	1599	1604	rVB	7394	7590	1.03%	0.068%
34	11.557	1605	1609	1615	rVB2	5879	9974	1.35%	0.090%
35	11.622	1615	1620	1628	rBV2	42646	65946	8.95%	0.592%
36	11.692	1628	1632	1635	rBV3	6469	9014	1.22%	0.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.722	1635	1637	1642	rVB4	8592	10931	1.48%	0.098%
38	11.780	1644	1647	1655	rVB5	5807	11675	1.58%	0.105%
39	11.898	1661	1667	1668	rBV	40948	53753	7.30%	0.482%
40	11.922	1668	1671	1675	rVV2	87861	118259	16.05%	1.061%
41	11.969	1675	1679	1682	rVV2	14425	19332	2.62%	0.174%
42	12.010	1682	1686	1694	rVB2	64286	116891	15.86%	1.049%
43	12.098	1694	1701	1704	rBV4	9801	20485	2.78%	0.184%
44	12.192	1712	1717	1718	rBV	30040	35271	4.79%	0.317%
45	12.210	1718	1720	1726	rVB	39516	51773	7.03%	0.465%
46	12.339	1737	1742	1745	rBV3	11097	16462	2.23%	0.148%
47	12.445	1755	1760	1763	rBV	33491	47148	6.40%	0.423%
48	12.480	1763	1766	1771	rVV3	16147	28093	3.81%	0.252%
49	12.527	1771	1774	1780	rVB	35700	51173	6.95%	0.459%
50	12.610	1780	1788	1793	rBV	554357	723676	98.22%	6.495%
51	12.669	1793	1798	1801	rVV3	10109	16150	2.19%	0.145%
52	12.698	1801	1803	1806	rVV	10259	10576	1.44%	0.095%
53	12.757	1806	1813	1819	rVB4	15316	32961	4.47%	0.296%
54	12.839	1819	1827	1832	rBV	441285	669585	90.88%	6.010%
55	12.886	1832	1835	1840	rVB2	22084	31205	4.24%	0.280%
56	12.980	1842	1851	1857	rVB	450276	640565	86.94%	5.749%
57	13.051	1857	1863	1867	rBV4	36047	68944	9.36%	0.619%
58	13.163	1873	1882	1885	rVB2	40275	85462	11.60%	0.767%
59	13.227	1890	1893	1896	rVV	20945	27463	3.73%	0.246%
60	13.263	1896	1899	1903	rVV2	41870	60981	8.28%	0.547%
61	13.357	1912	1915	1918	rVV	19590	22712	3.08%	0.204%
62	13.392	1918	1921	1925	rVV3	20776	26716	3.63%	0.240%
63	13.451	1928	1931	1938	rVB4	18772	30011	4.07%	0.269%
64	13.551	1943	1948	1956	rBV4	14665	42656	5.79%	0.383%
65	13.669	1964	1968	1973	rVB	48018	63103	8.56%	0.566%
66	13.780	1982	1987	1990	rBV3	43460	76311	10.36%	0.685%
67	13.810	1990	1992	1994	rVV	15583	16885	2.29%	0.152%
68	13.874	1999	2003	2011	rVB2	77484	117458	15.94%	1.054%
69	14.027	2021	2029	2033	rBV2	383529	736800	100.00%	6.613%
70	14.139	2045	2048	2051	rVB	15390	16248	2.21%	0.146%
71	14.416	2092	2095	2098	rVB	23453	27063	3.67%	0.243%
72	14.451	2098	2101	2104	rVB2	19047	20994	2.85%	0.188%
73	14.504	2107	2110	2114	rBV2	20819	27415	3.72%	0.246%
74	14.810	2158	2162	2170	rBV8	15452	36358	4.93%	0.326%
75	15.074	2201	2207	2216	rBV	157213	358050	48.60%	3.214%
76	15.180	2222	2225	2232	rVB	34554	50459	6.85%	0.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.374	2254	2258	2264	rVB	85413	134914	18.31%	1.211%
78	15.439	2264	2269	2274	rVB	106182	160300	21.76%	1.439%
79	15.504	2275	2280	2283	rBV	130740	211416	28.69%	1.898%
80	15.968	2356	2359	2365	rVB	26297	42403	5.76%	0.381%
81	16.968	2523	2529	2538	rVB2	60202	131065	17.79%	1.176%
82	17.409	2599	2604	2616	rVB	47702	108936	14.79%	0.978%

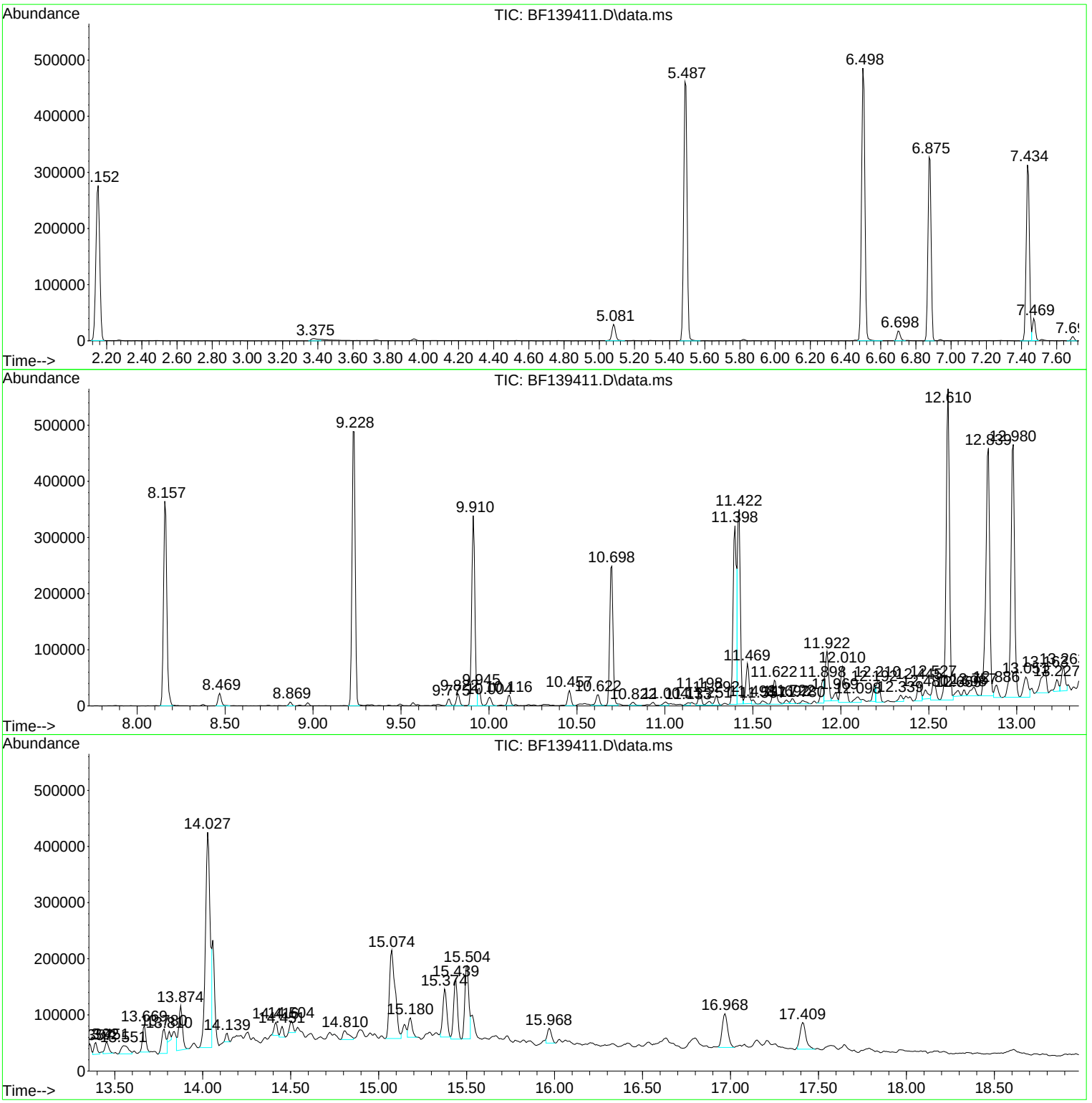
Sum of corrected areas: 11141677

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

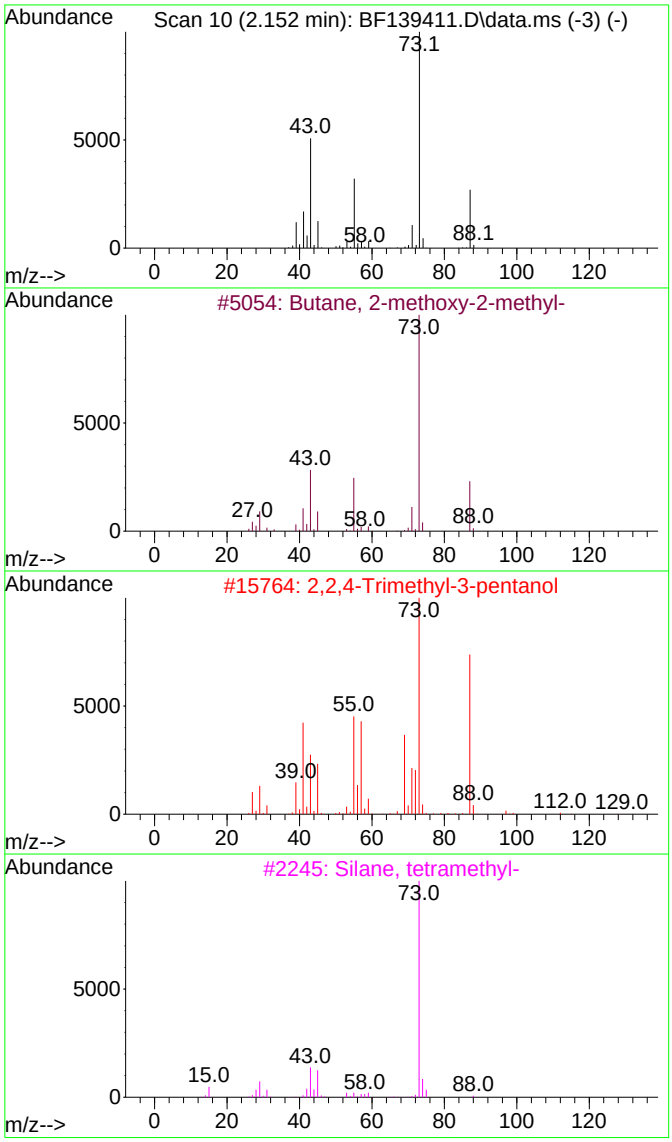
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

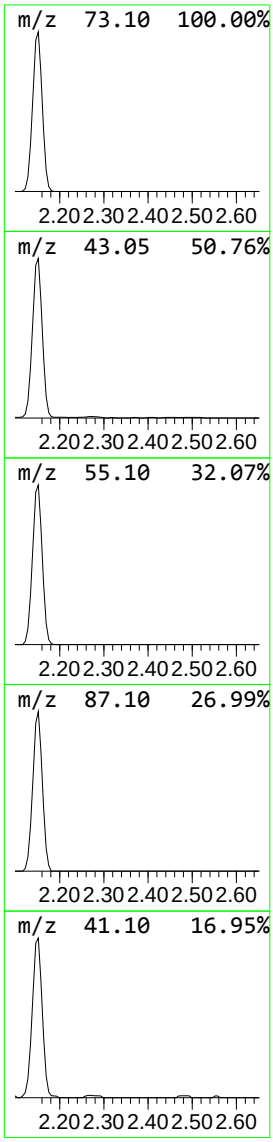
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	20.32 ng	418547	1,4-Dichlorobenzene-d4	6.881

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

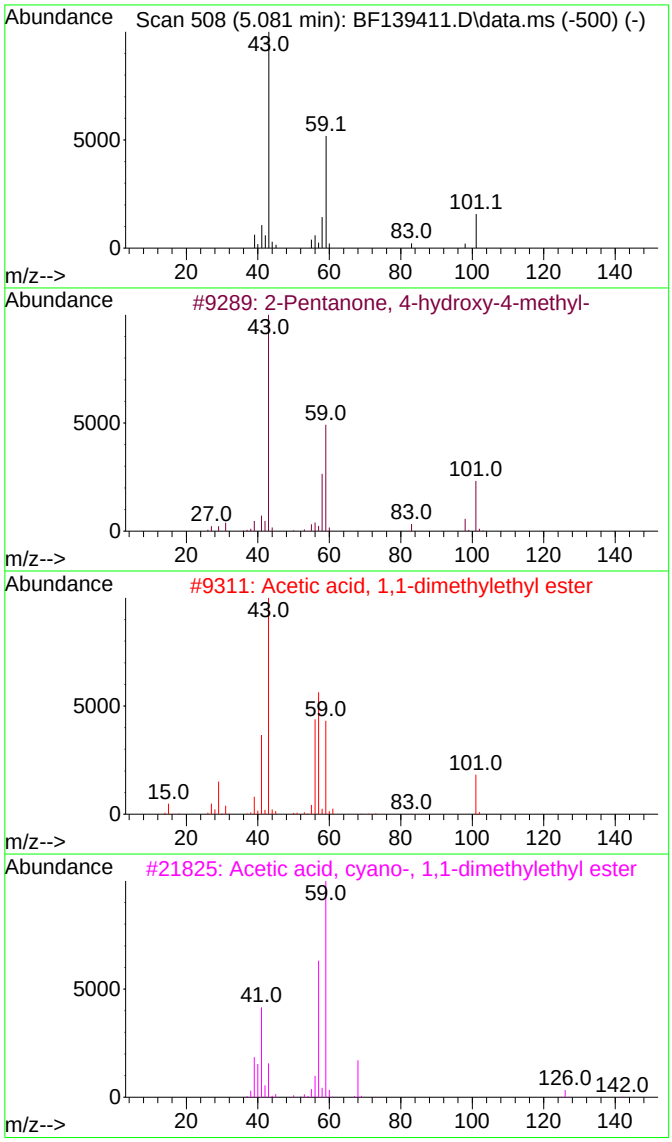
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

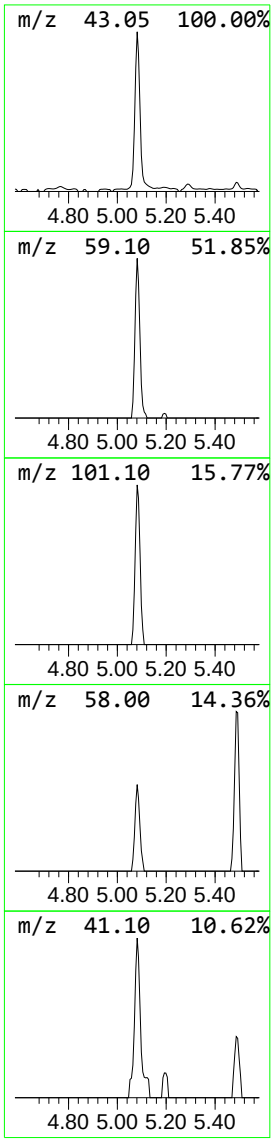
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	2.08 ng	42773	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

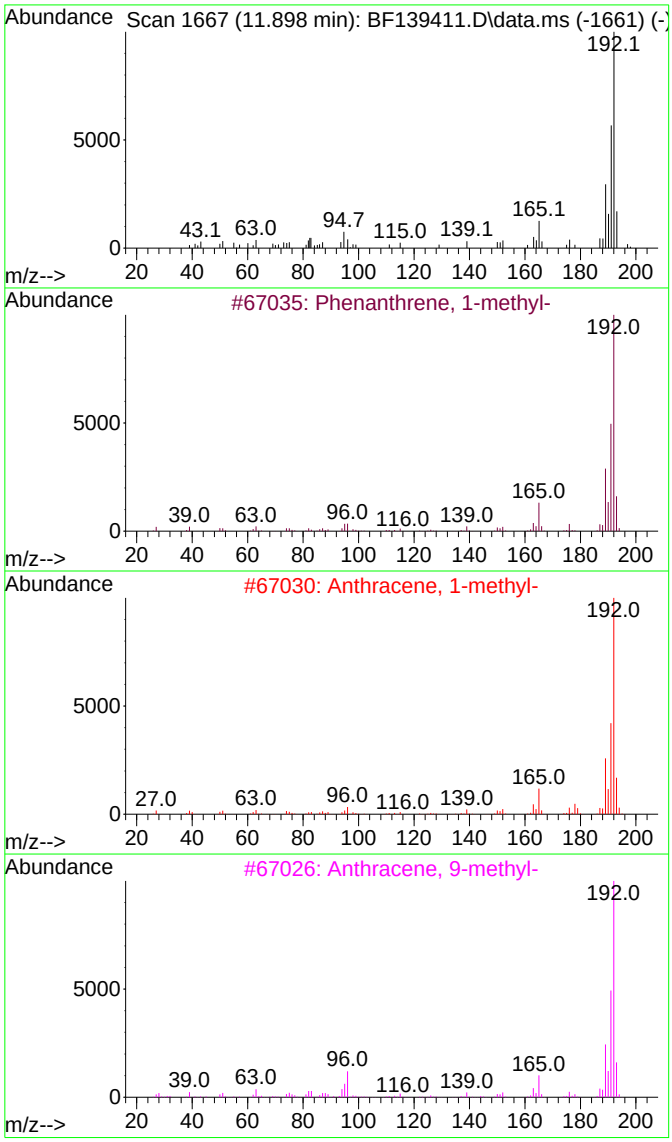
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

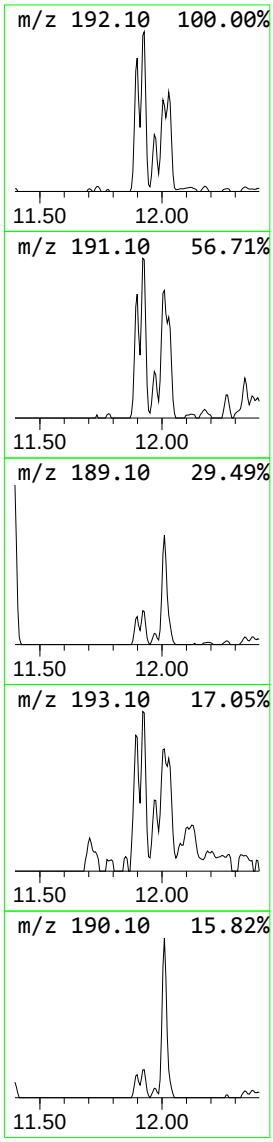
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.30 ng	53753	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

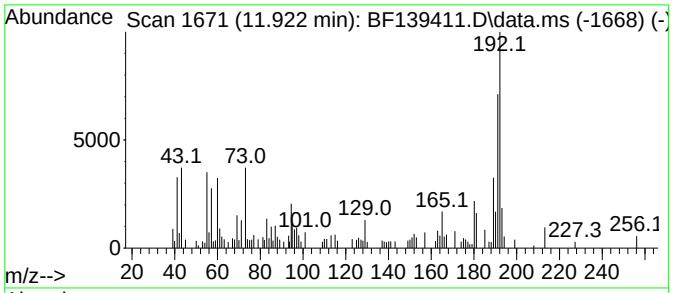
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

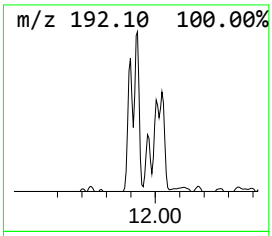
****

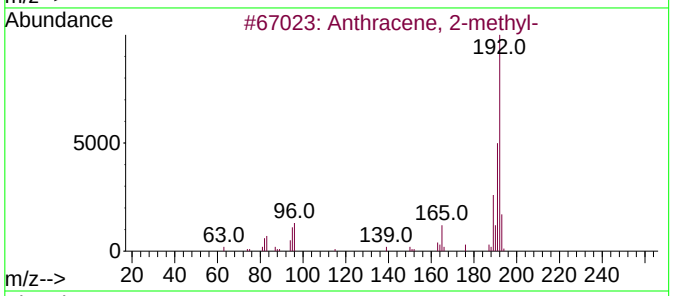
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

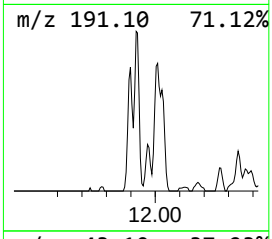
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.06 ng	118259	Phenanthrene-d10	11.398

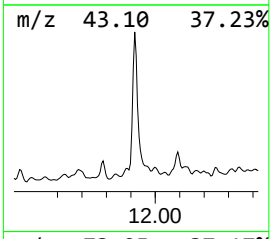
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55

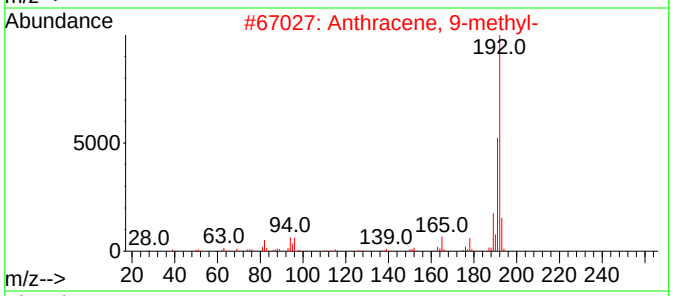


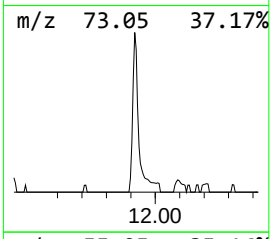


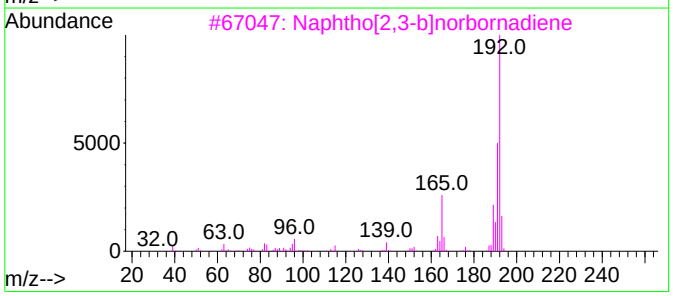


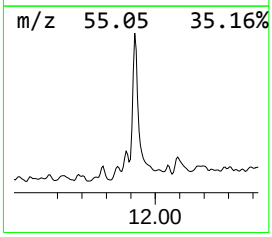












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

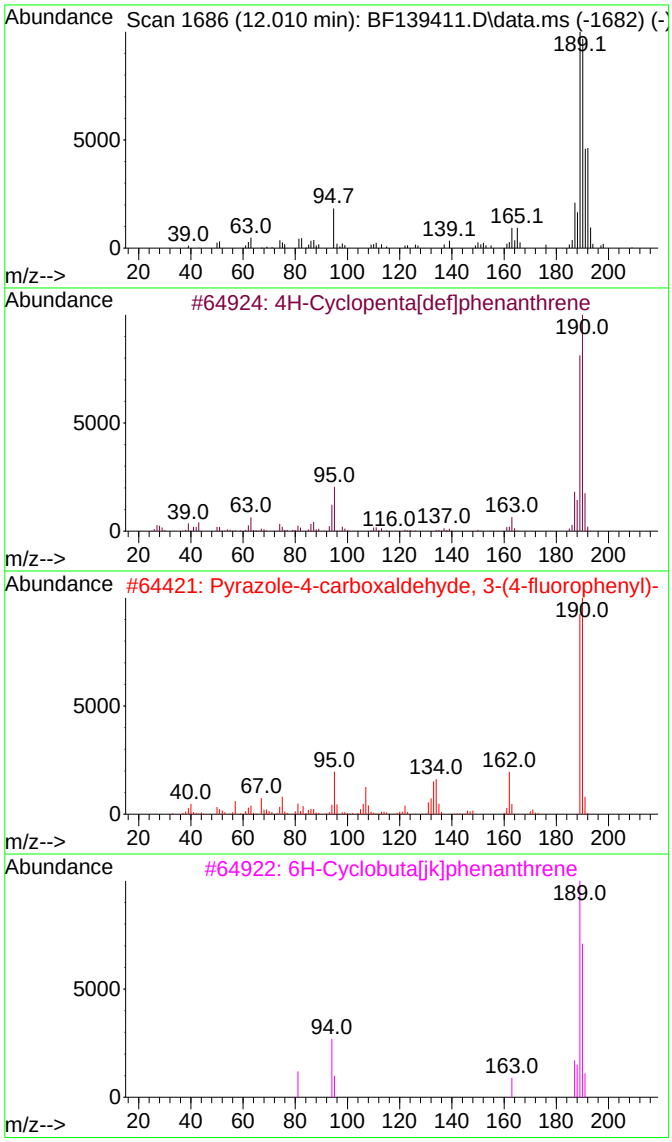
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

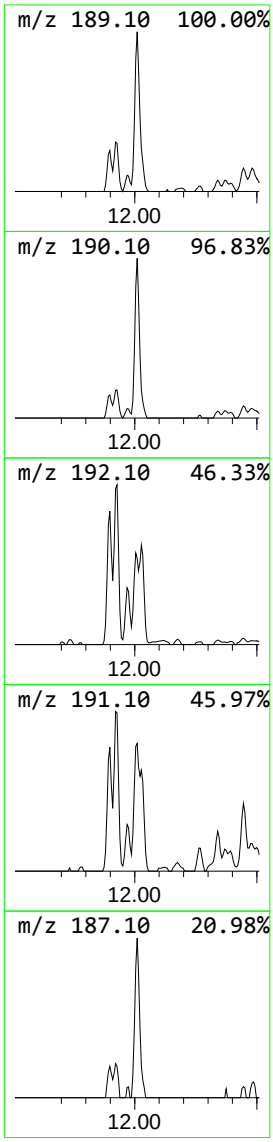
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	5.00 ng	116891	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

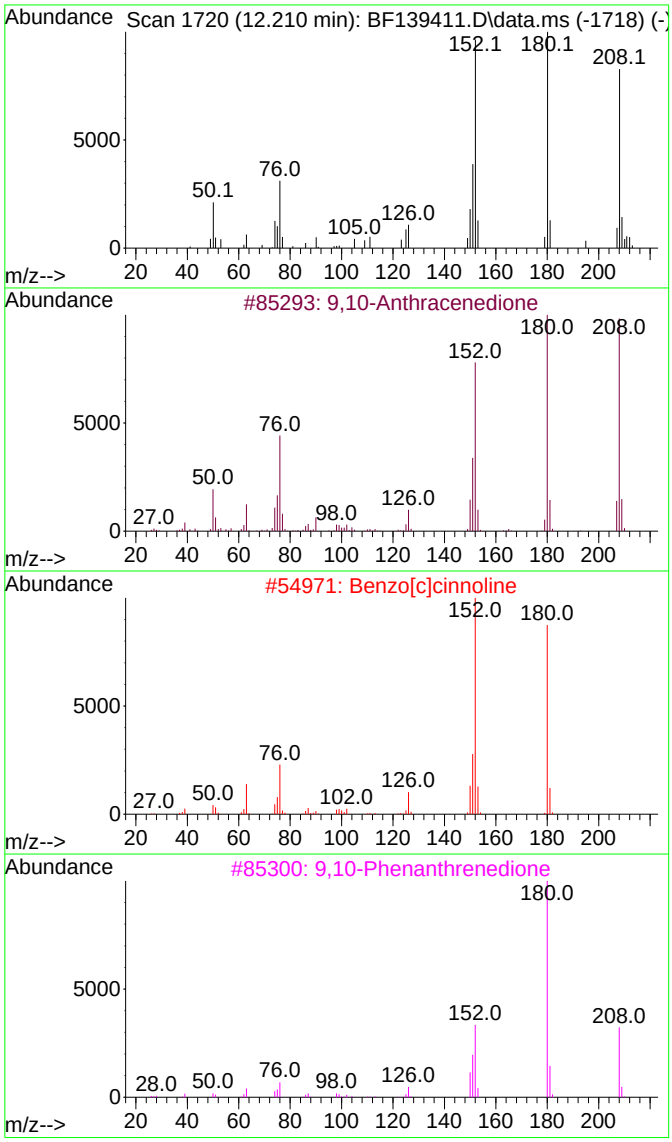
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

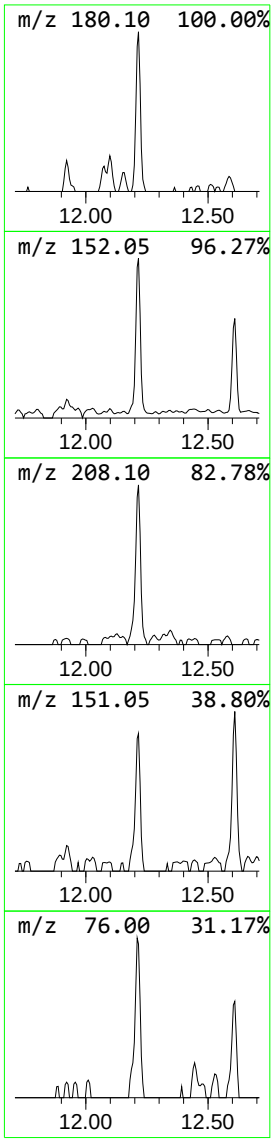
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.22 ng	51773	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	52
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50





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Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

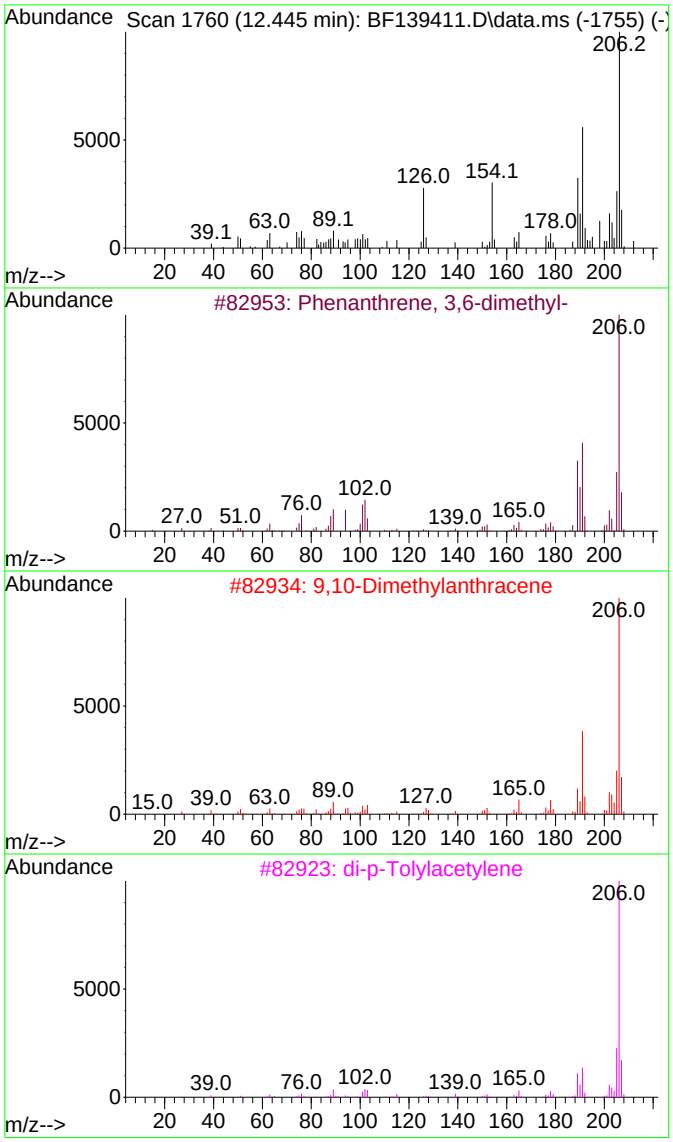
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

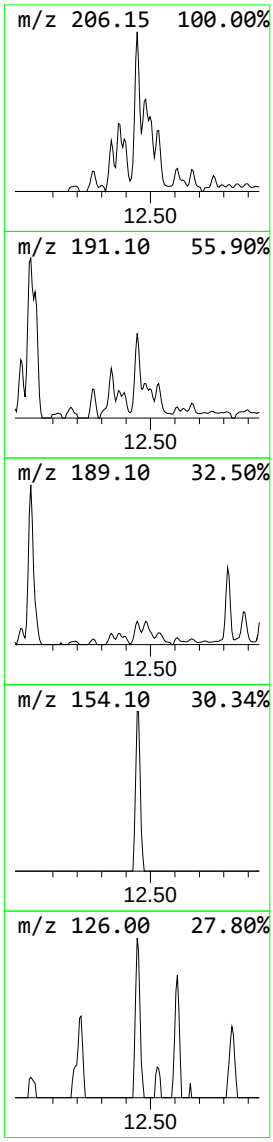
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.02 ng	47148	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

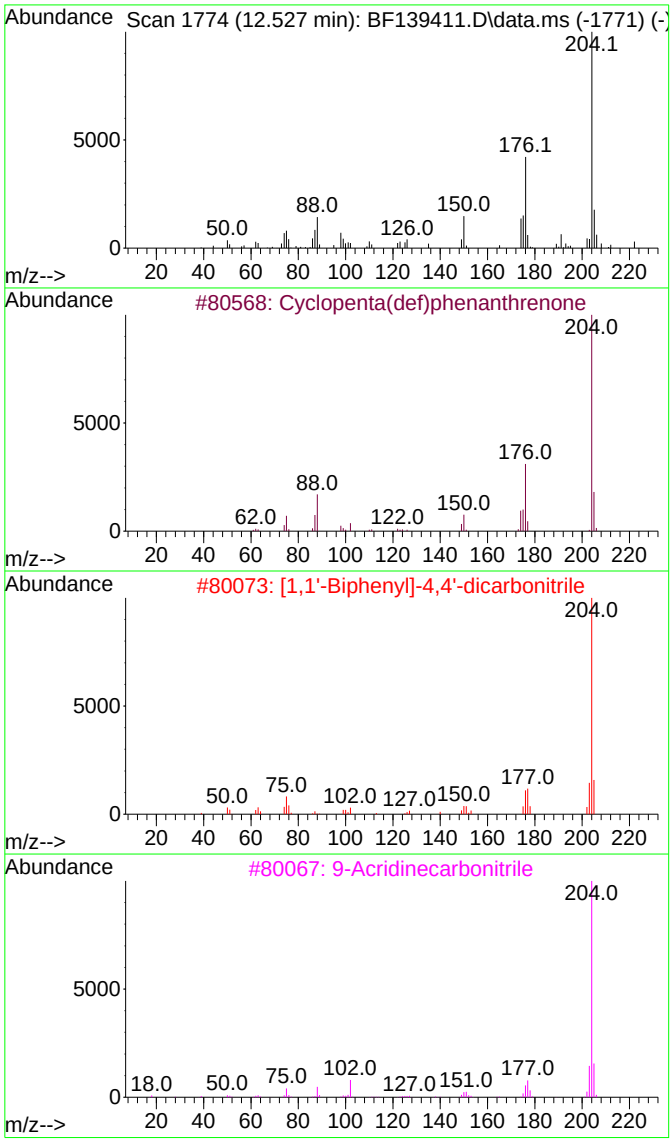
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

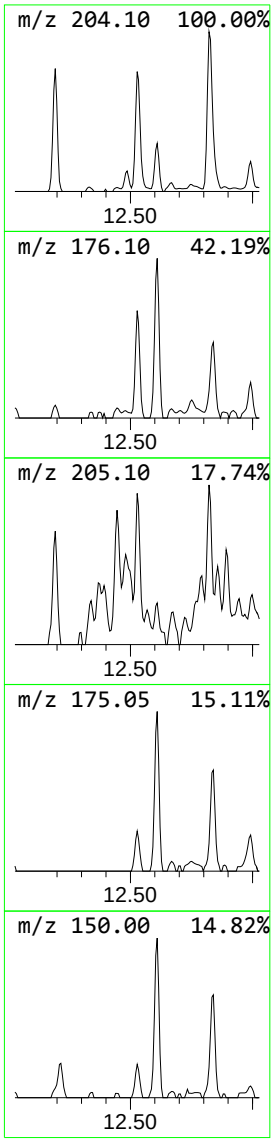
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.528	2.19 ng	51173	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	47





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

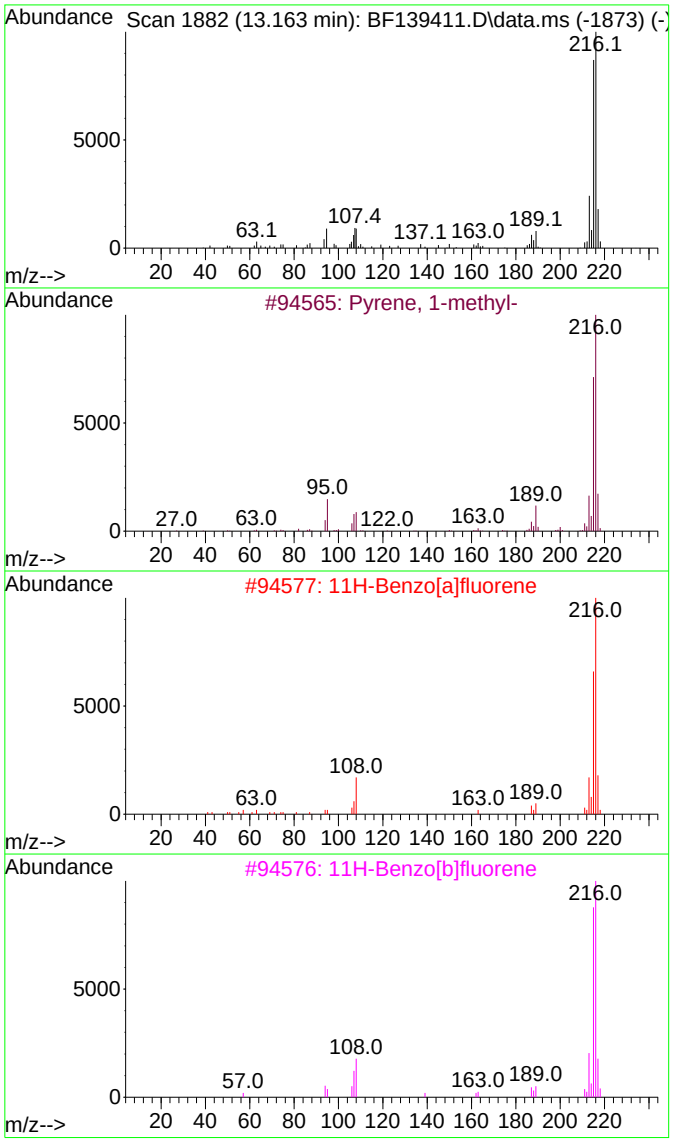
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

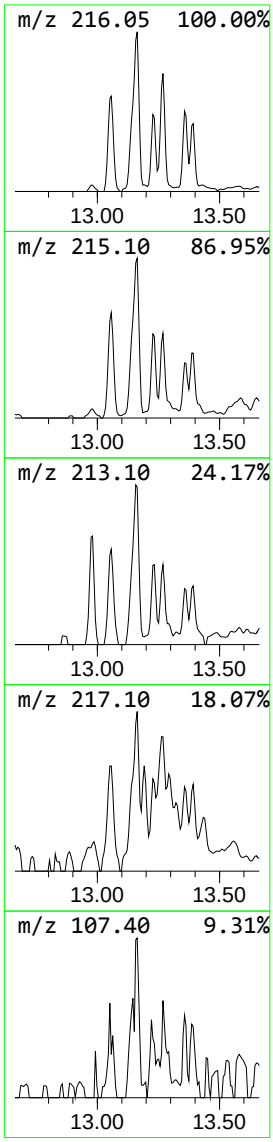
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.32 ng	85462	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[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 17 Sep 2024 19:30
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Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

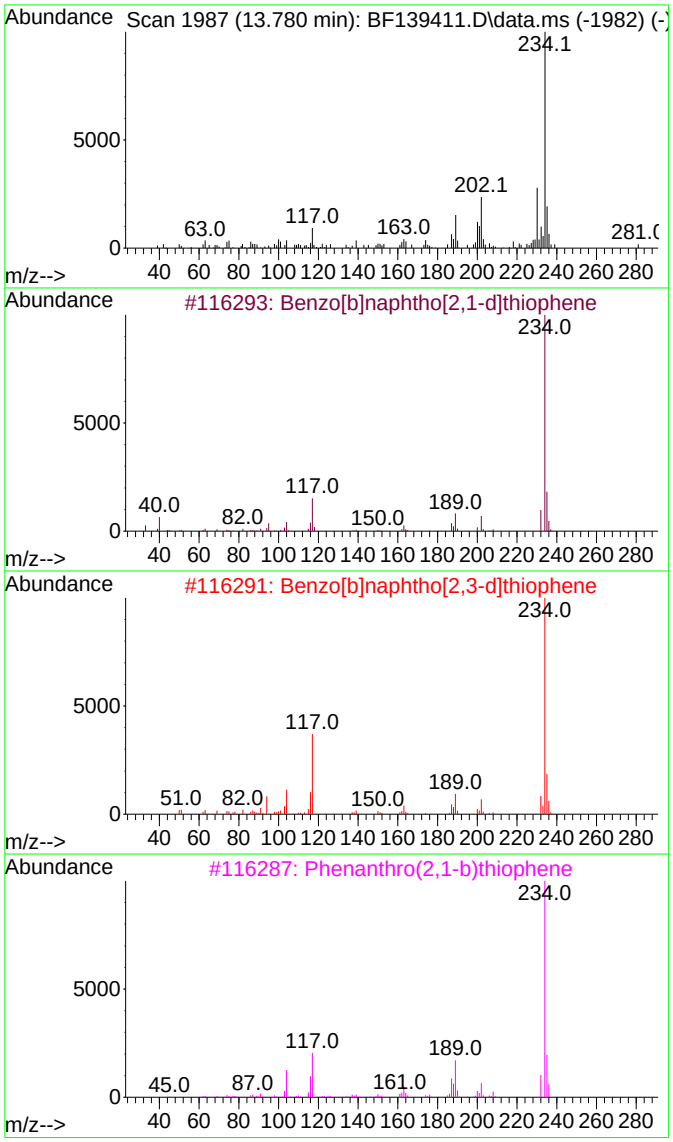
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

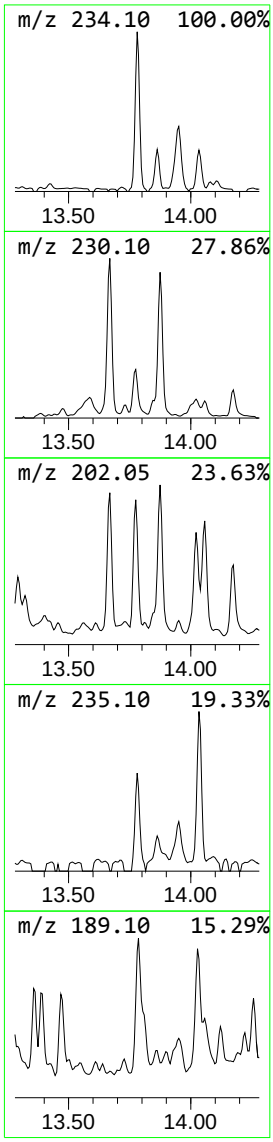
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.07 ng	76311	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	46





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

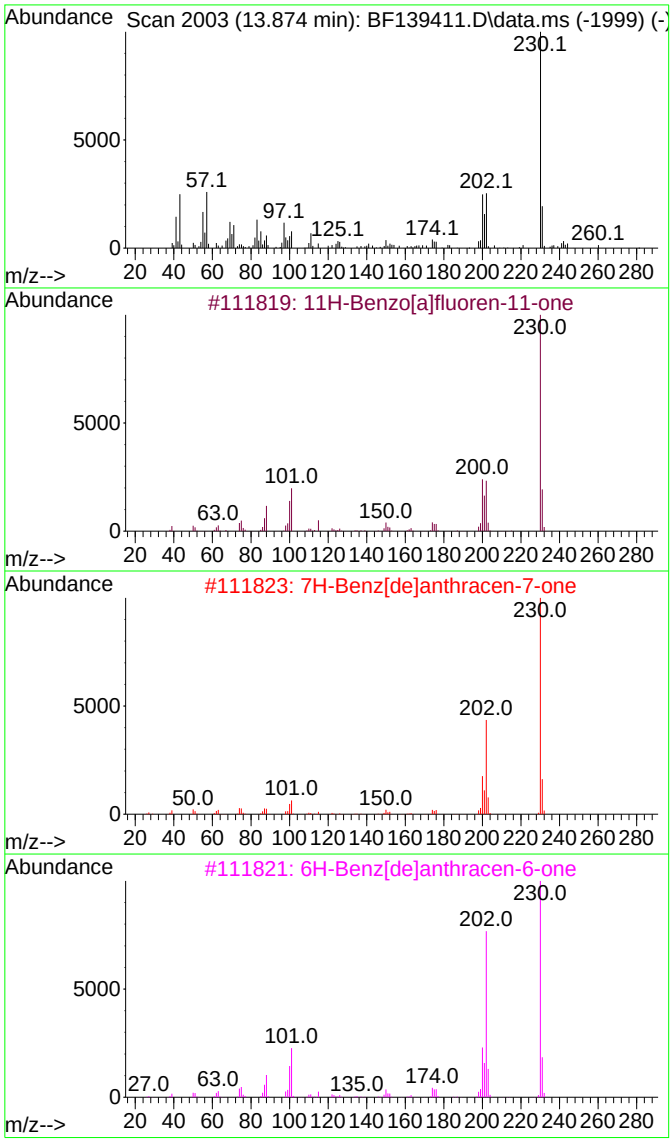
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

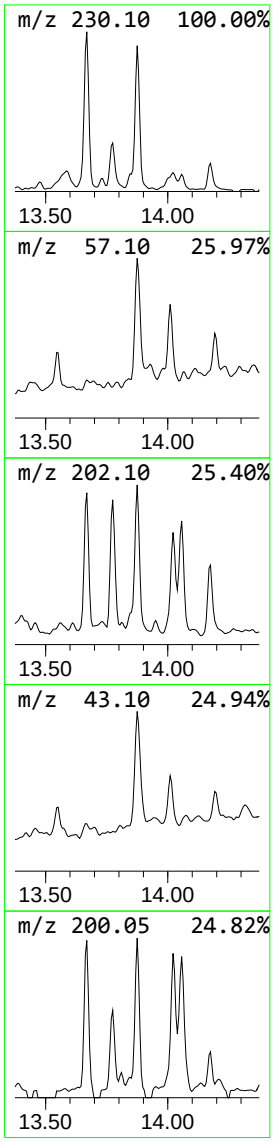
****

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.19 ng	117458	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	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50
5	Cycloisolongifolene, 8,9-dehydro...	230	C16H22O	059820-24-5	43





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Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

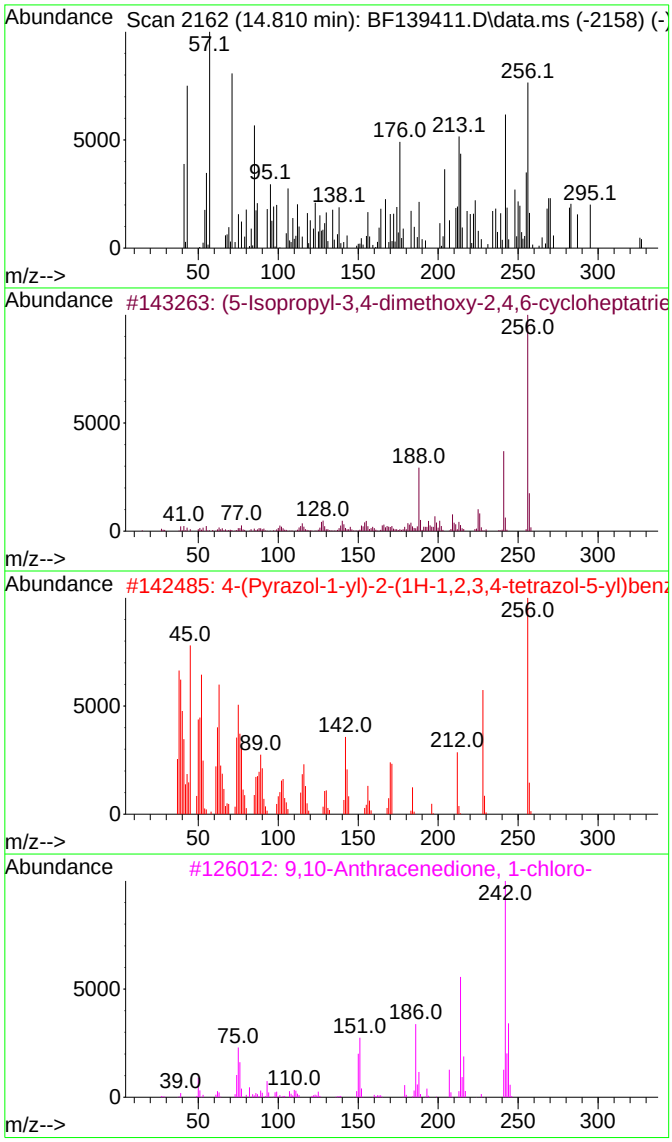
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

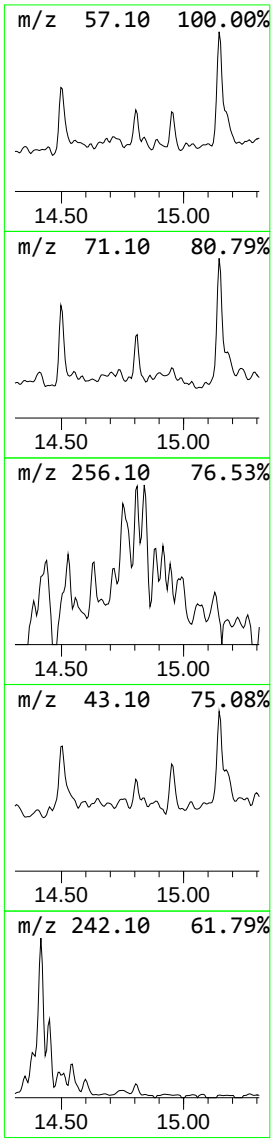
****

Peak Number 12 unknown14.810 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	3.44 ng	36358	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Isopropyl-3,4-dimethoxy-2,4,6...	256	C15H16N2O2	001845-91-6	22
2	4-(Pyrazol-1-yl)-2-(1H-1,2,3,4-t...	256	C11H8N6O2	1000409-60-0	18
3	9,10-Anthracenedione, 1-chloro-	242	C14H7ClO2	000082-44-0	15
4	9,10-Anthracenedione, 2-chloro-	242	C14H7ClO2	000131-09-9	15
5	10-Chlorophenanthrene-4-carboxyl...	256	C15H9ClO2	026698-22-6	15





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Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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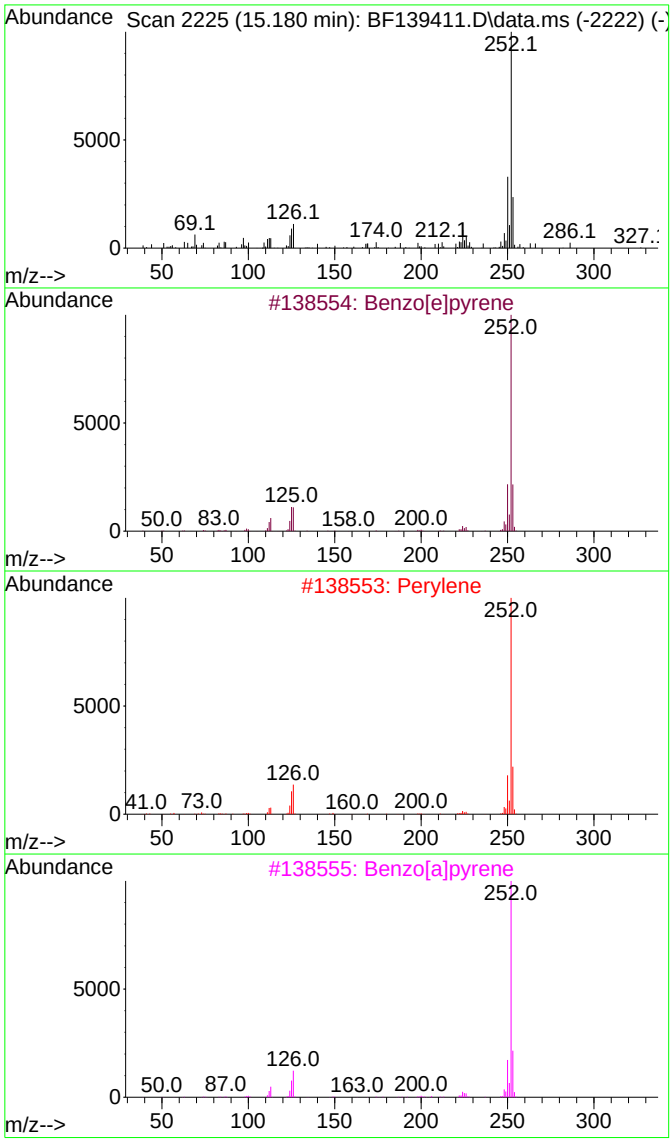
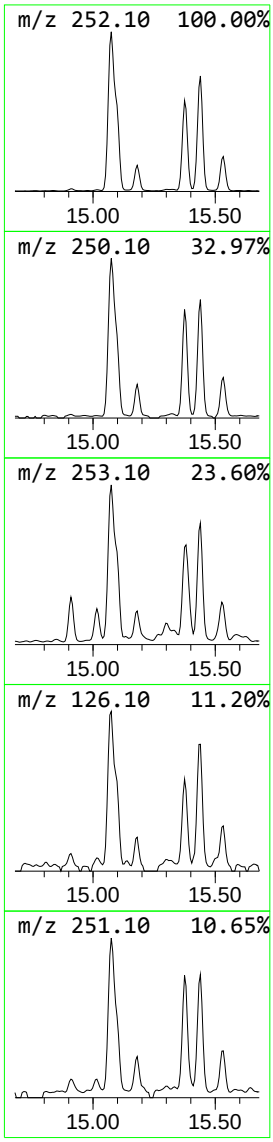
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	4.77 ng	50459	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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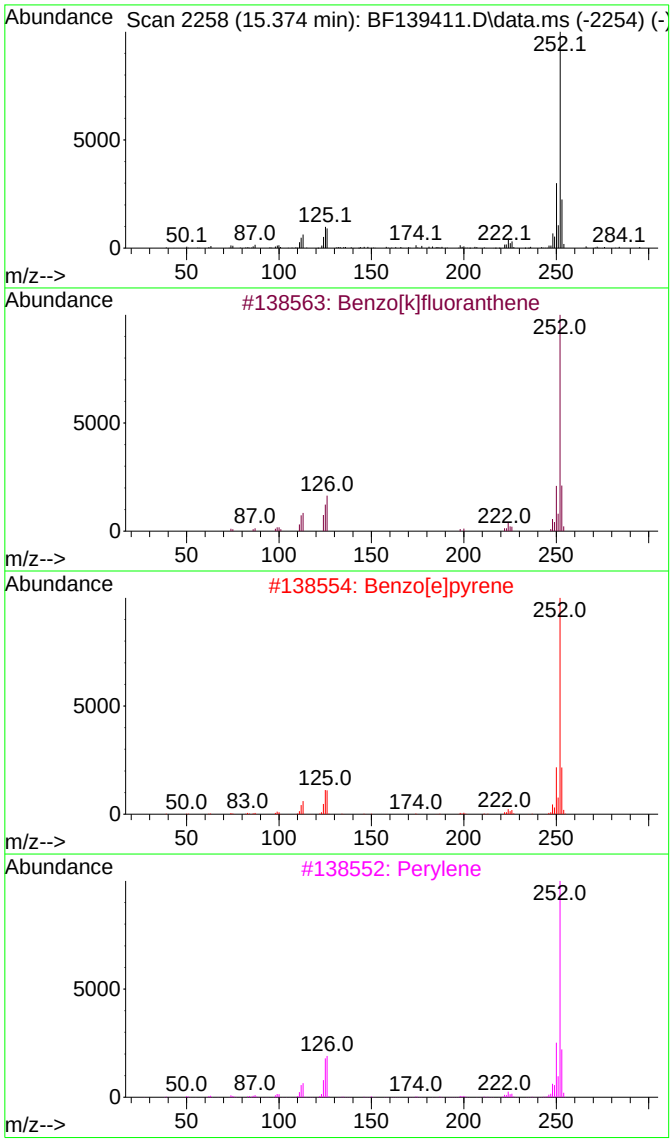
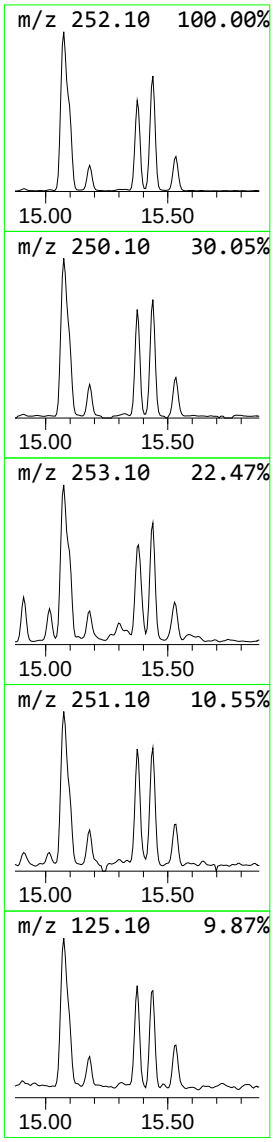
Peak Number 14 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	12.76 ng	134914	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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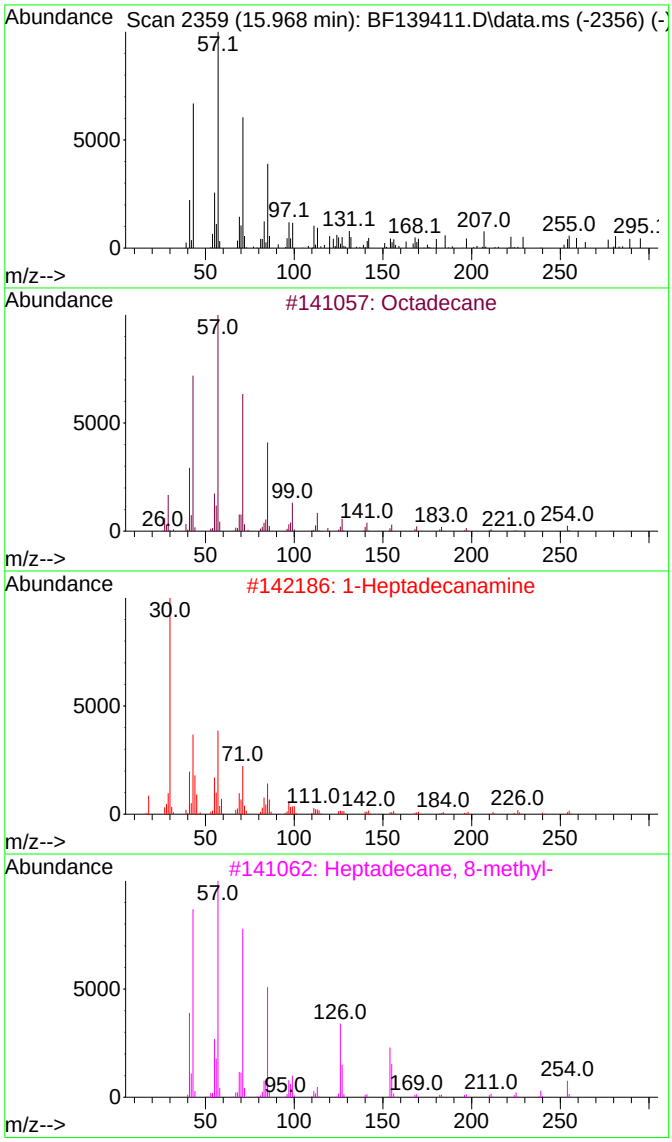
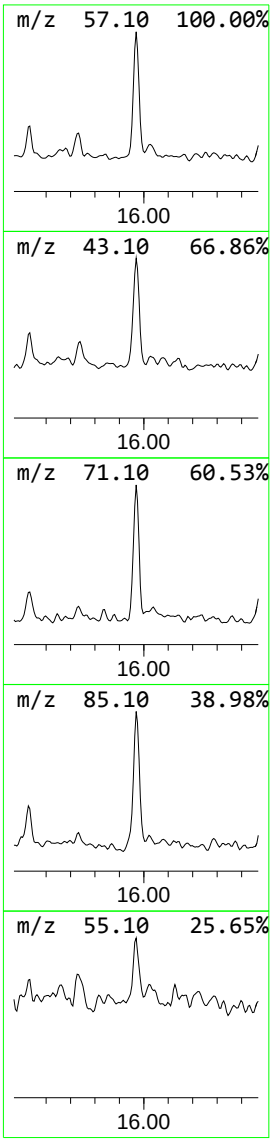
Peak Number 15 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	4.01 ng	42403	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	1-Heptadecanamine	255	C17H37N	004200-95-7	64
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	62
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	58
5	Dodecane	170	C12H26	000112-40-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139411.D
Acq On : 17 Sep 2024 19:30
Operator : RC/JU
Sample : P3984-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-C-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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...	2.152	20.3	ng	418547	1	6.881	411990	20.0
2-Pentanone, 4-...	5.081	2.1	ng	42773	1	6.881	411990	20.0
Phenanthrene, 1...	11.898	2.3	ng	53753	4	11.398	467097	20.0
Anthracene, 2-m...	11.922	5.1	ng	118259	4	11.398	467097	20.0
4H-Cyclopenta[d...	12.010	5.0	ng	116891	4	11.398	467097	20.0
9,10-Anthracene...	12.210	2.2	ng	51773	4	11.398	467097	20.0
Phenanthrene, 3...	12.445	2.0	ng	47148	4	11.398	467097	20.0
Cyclopenta(def)...	12.528	2.2	ng	51173	4	11.398	467097	20.0
Pyrene, 1-methyl-	13.163	2.3	ng	85462	5	14.033	736800	20.0
Benzo[b]naphtho...	13.780	2.1	ng	76311	5	14.033	736800	20.0
11H-Benzo[a]flu...	13.874	3.2	ng	117458	5	14.033	736800	20.0
unknown14.810	14.810	3.4	ng	36358	6	15.504	211416	20.0
Benzo[e]pyrene	15.180	4.8	ng	50459	6	15.504	211416	20.0
Perylene	15.374	12.8	ng	134914	6	15.504	211416	20.0
Octadecane	15.968	4.0	ng	42403	6	15.504	211416	20.0