LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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: BF139441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	7	14	24	rVB	666731	1007529	71.64%	4.904%
2	5.093	501	510	521	rVB	69795	104321	7.42%	0.508%
3	5.499	572	579	584	rBV	1001519	1347146	95.79%	6.558%
4	6.504	744	750	755	rBV	1062825	1406405	100.00%	6.846%
5	6.875	808	813	819	rBV	328304	413864	29.43%	2.015%
6	7.440	901	909	914	rBV	699176	884593	62.90%	4.306%
7	7.693	947	952	958	rVB	19153	24294	1.73%	0.118%
8	7.898	979	987	992	rBV2	8446	14750	1.05%	0.072%
9	8.157	1026	1031	1039	rVB	391920	518822	36.89%	2.526%
10	8.375	1063	1068	1074	rVB2	12418	15847	1.13%	0.077%
11	8.869	1148	1152	1157	rBV	62213	73500	5.23%	0.358%
12	8.922	1157	1161	1165	rVV	27612	32577	2.32%	0.159%
13	8.969	1165	1169	1174	rVB	63610	76034	5.41%	0.370%
14	9.234	1208	1214	1219	rBV	1092704	1333002	94.78%	6.489%
15	9.304	1223	1226	1233	rVV4	8132	14816	1.05%	0.072%
16	9.369	1233	1237	1244	rVV	13871	22722	1.62%	0.111%
17	9.498	1254	1259	1263	rBV	18688	28368	2.02%	0.138%
18	9.569	1263	1271	1274	rBV2	30432	45145	3.21%	0.220%
19	9.634	1278	1282	1285	rVV4	11105	16309	1.16%	0.079%
20	9.687	1285	1291	1301	rVB2	16288	34389	2.45%	0.167%
21	9.769	1301	1305	1311	rBV	95632	127302	9.05%	0.620%
22	9.910	1322	1329	1332	rBV	361657	451468	32.10%	2.198%
23	9.945	1332	1335	1339	rVB	146550	172428	12.26%	0.839%
24	10.116	1359	1364	1368	rBV	80523	105140	7.48%	0.512%
25	10.151	1368	1370	1376	rVB2	13691	15176	1.08%	0.074%
26	10.222	1377	1382	1385	rBV2	18965	30593	2.18%	0.149%
27	10.316	1394	1398	1400	rBV4	12064	19853	1.41%	0.097%
28	10.457	1417	1422	1427	rVB	112682	144980	10.31%	0.706%
29	10.528	1427	1434	1435	rBV2	11019	21275	1.51%	0.104%
30	10.616	1445	1449	1457	rVB2	54490	81988	5.83%	0.399%
31	10.698	1457	1463	1468	rBV	564787	717023	50.98%	3.490%
32	10.822	1478	1484	1490	rVB3	34331	56304	4.00%	0.274%
33	11.004	1510	1515	1518	rBV2	22641	35383	2.52%	0.172%
34	11.133	1532	1537	1538	rBV3	13575	18652	1.33%	0.091%
35	11.157	1538	1541	1545	rVV2	18565	28524	2.03%	0.139%
36	11.198	1545	1548	1552	rVV2	24472	33726	2.40%	0.164%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-614-COMP-06

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	11.257	1552	1558	1561	rVV2	22075	47809	3.40%	0.233%
38	11.292	1561	1564	1569	rVB2	41256	52932	3.76%	0.258%
39	11.398	1576	1582	1583	rBV	315771	389347	27.68%	1.895%
40	11.422	1583	1586	1590	rVV	419045	525974	37.40%	2.560%
41	11.469	1590	1594	1598	rVV	80681	109145	7.76%	0.531%
42	11.504	1598	1600	1605	rVB2	20038	23492	1.67%	0.114%
43	11.628	1616	1621	1627	rBV	41575	74665	5.31%	0.363%
44	11.686	1628	1631	1635	rVV2	27187	41326	2.94%	0.201%
45	11.728	1635	1638	1643	rVB4	19314	24804	1.76%	0.121%
46	11.898	1662	1667	1668	rBV	82493	100870	7.17%	0.491%
47	11.922	1668	1671	1676	rVV2	226054	303810	21.60%	1.479%
48	11.975	1676	1680	1682	rVV	32046	49122	3.49%	0.239%
49	12.010	1682	1686	1694	rVB2	135012	256675	18.25%	1.249%
50	12.192	1713	1717	1719	rBV	54632	70351	5.00%	0.342%
51	12.339	1737	1742	1745	rBV2	31671	53527	3.81%	0.261%
52	12.375	1745	1748	1750	rVV	22996	25809	1.84%	0.126%
53	12.451	1756	1761	1764	rBV	88138	129412	9.20%	0.630%
54	12.486	1764	1767	1772	rVV2	56264	96340	6.85%	0.469%
55	12.533	1772	1775	1782	rVB	64783	87535	6.22%	0.426%
56	12.610	1783	1788	1792	rBV	818891	1042078	74.10%	5.073%
57	12.651	1792	1795	1800	rVV4	55855	77564	5.52%	0.378%
58	12.704	1800	1804	1807	rVV	62893	71966	5.12%	0.350%
59	12.839	1820	1827	1832	rBV	729291	1074800	76.42%	5.232%
60	12.886	1832	1835	1840	rVB2	52410	76895	5.47%	0.374%
61	12.980	1843	1851	1858	rVB	752108	1046912	74.44%	5.096%
62	13.057	1858	1864	1870	rBV3	98467	200866	14.28%	0.978%
63	13.116	1871	1874	1875	rVV2	36905	41494	2.95%	0.202%
64	13.163	1876	1882	1886	rVB	117850	240718	17.12%	1.172%
65	13.227	1887	1893	1896	rBV2	54929	106138	7.55%	0.517%
66	13.269	1896	1900	1907	rVB2	116129	165576	11.77%	0.806%
67	13.363	1912	1916	1918	rBV	58432	72637	5.16%	0.354%
68	13.392	1918	1921	1924	rVB	46303	52103	3.70%	0.254%
69	13.669	1965	1968	1973	rVB	103093	137312	9.76%	0.668%
70	13.780	1982	1987	1990	rBV2	92486	159513	11.34%	0.776%
71	13.874	2000	2003	2013	rVB2	160918	242885	17.27%	1.182%
72	14.027	2024	2029	2032	rBV2	557553	907989	64.56%	4.420%
73	14.063	2032	2035	2041	rVB	371419	529872	37.68%	2.579%
74	14.416	2092	2095	2099	rVB	70263	83574	5.94%	0.407%
75	14.451	2099	2101	2105	rVB2	53871	60718	4.32%	0.296%
76	14.510	2106	2111	2114	rBV3	55549	102003	7.25%	0.497%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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	15.074	2202	2207	2216	rBV	332606	745591	53.01%	3.629%
78	15.180	2222	2225	2230	rVB	63140	79915	5.68%	0.389%
79	15.380	2254	2259	2264	rVB	169260	259065	18.42%	1.261%
80	15.439	2264	2269	2275	rVB	230199	343423	24.42%	1.672%
81	15.504	2275	2280	2283	rBV	149178	231353	16.45%	1.126%
82	16.974	2523	2530	2538	rBV2	100362	225381	16.03%	1.097%
83	17.151	2556	2560	2565	rBV	17814	33195	2.36%	0.162%
84	17.415	2599	2605	2621	rVB	81948	194363	13.82%	0.946%

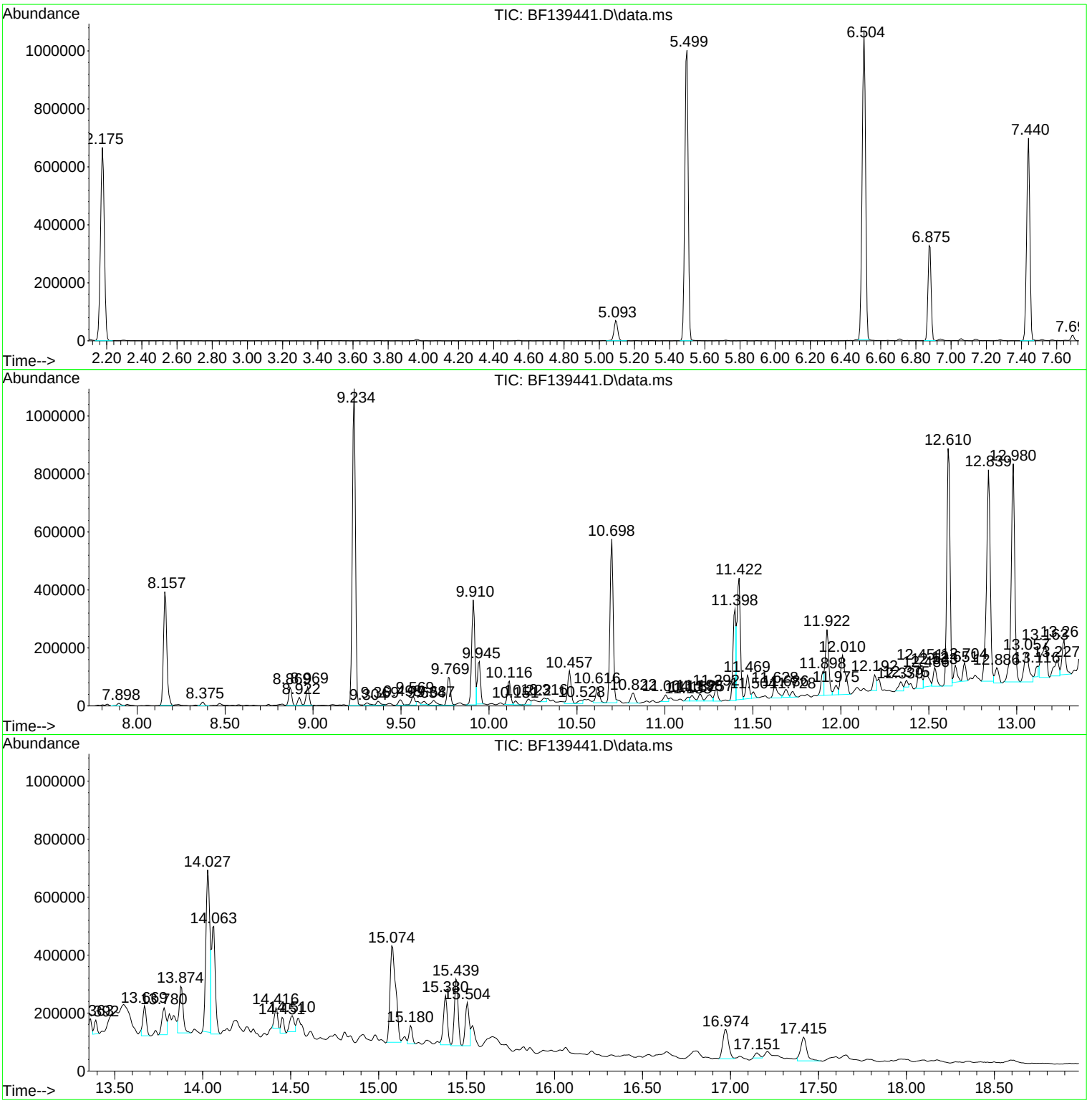
Sum of corrected areas: 20543092

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

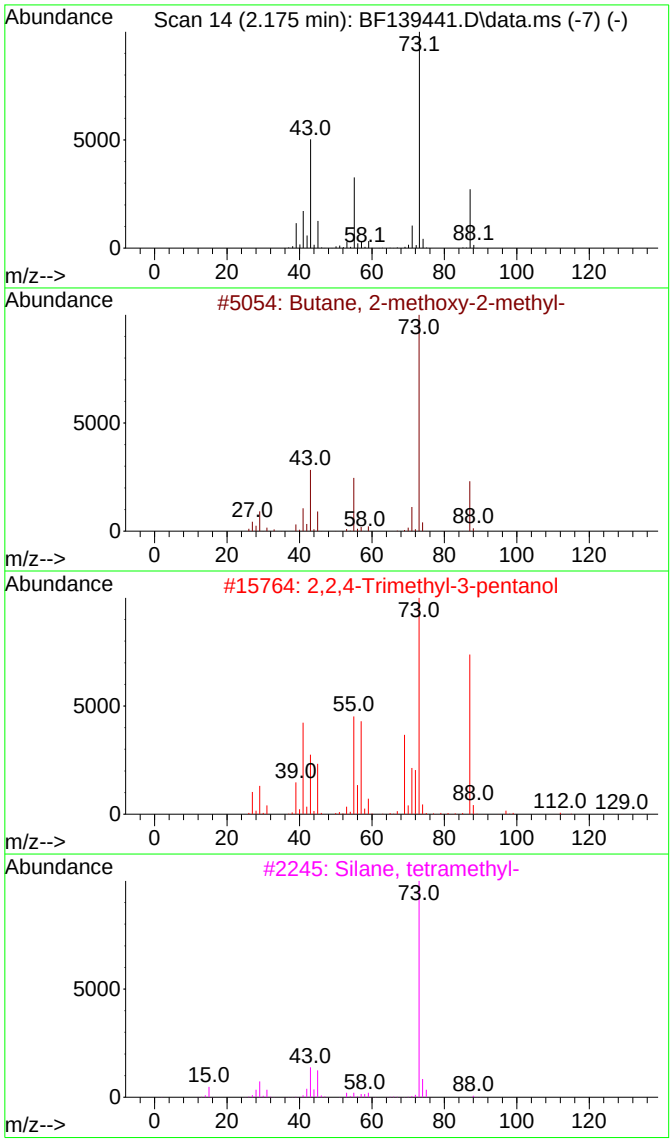
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

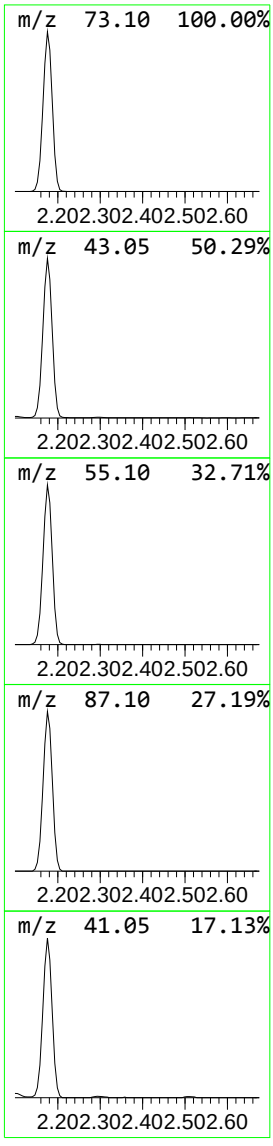
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	48.69 ng	1007530	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	32
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

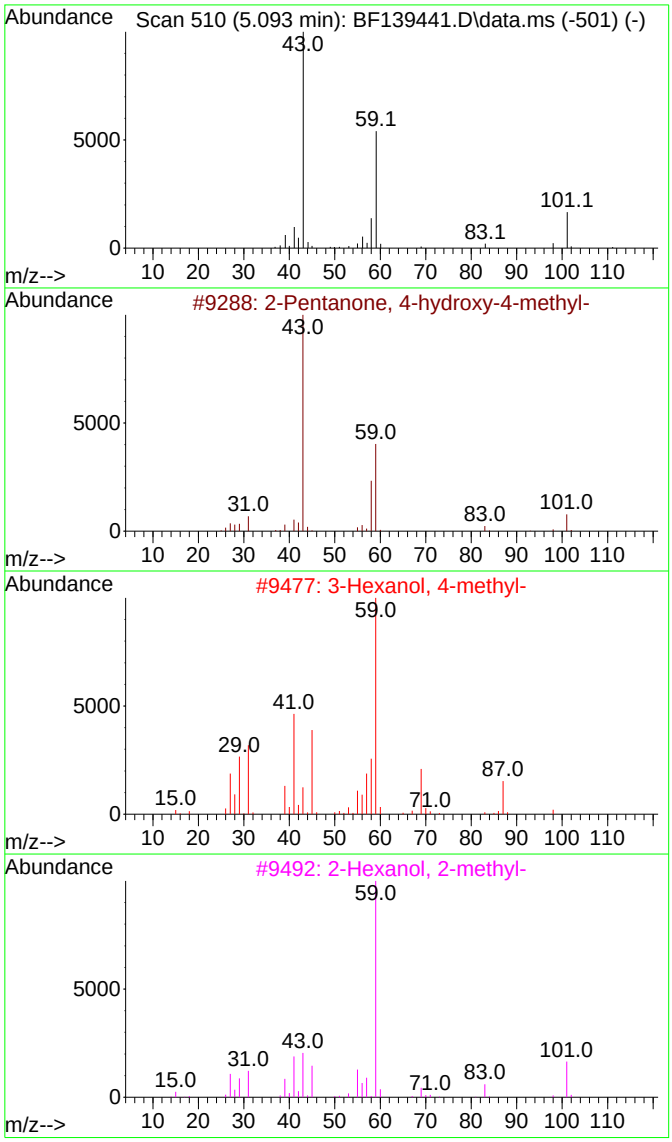
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

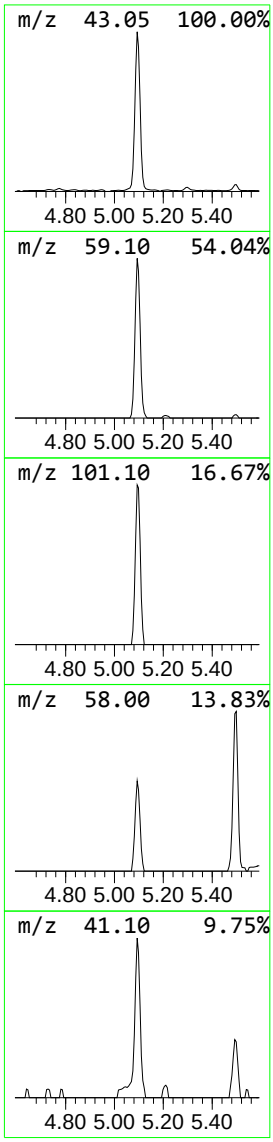
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.04 ng	104321	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	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

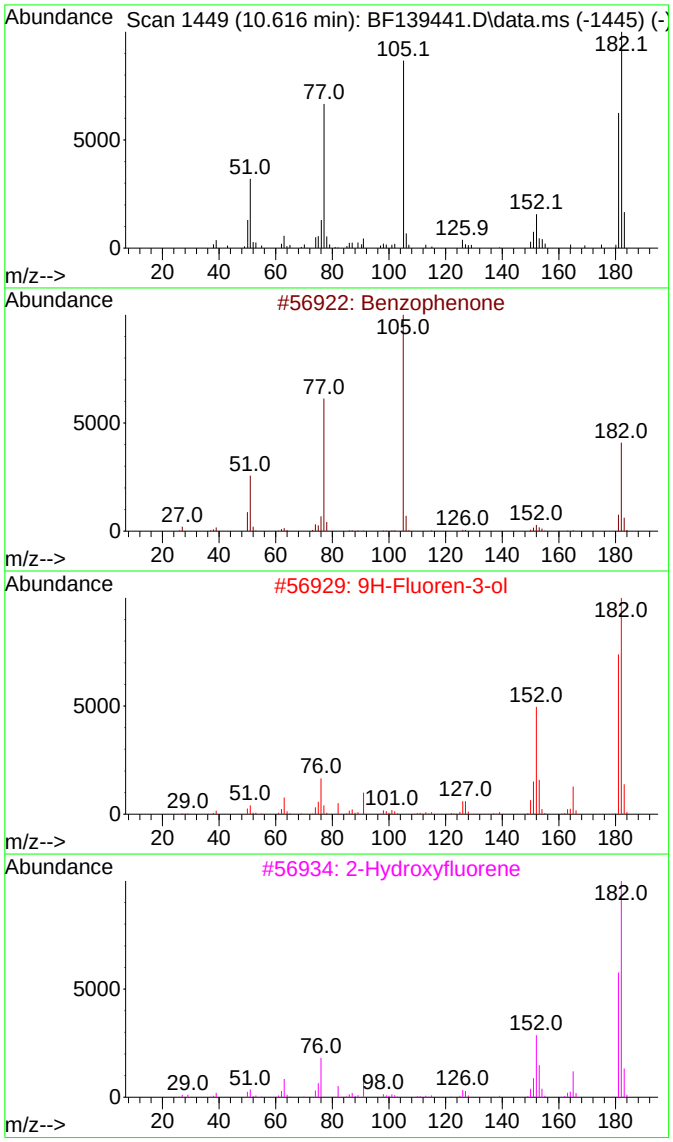
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

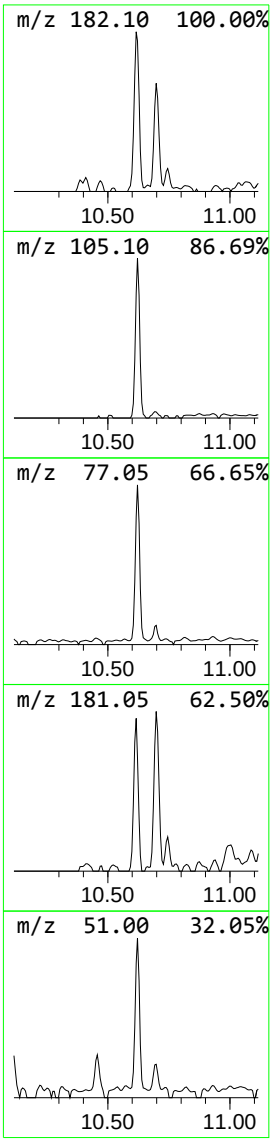
****

Peak Number 3 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.63 ng	81988	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	49
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

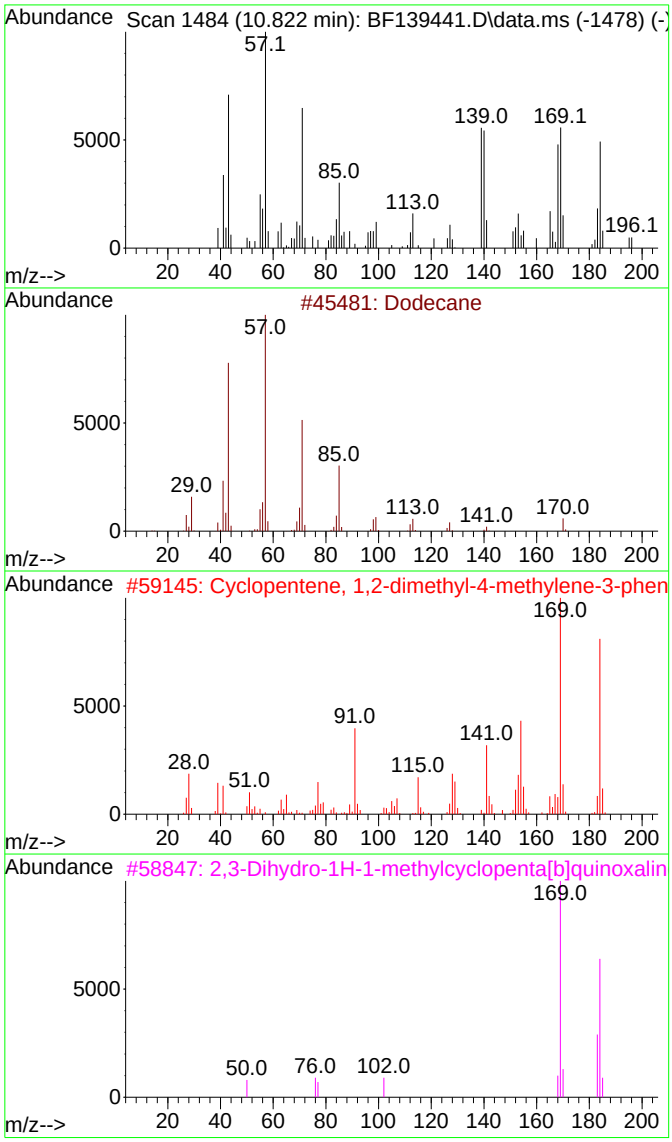
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

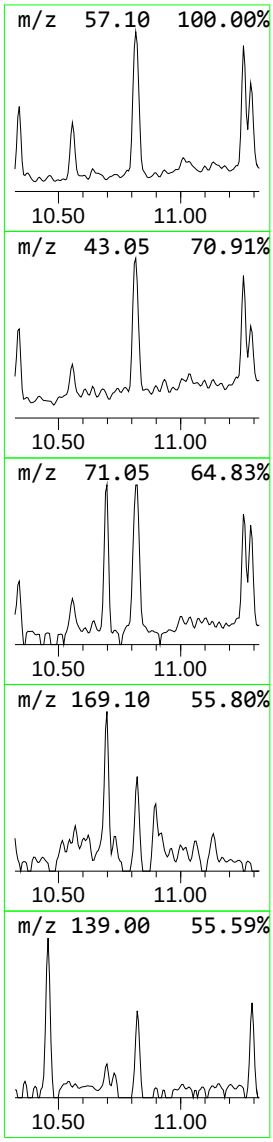
****

Peak Number 4 unknown10.822 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	2.89 ng	56304	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	40
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	30
3	2,3-Dihydro-1H-1-methylcyclopent...	184	C12H12N2	026629-21-0	25
4	1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	25
5	3-Amino-2-fluoropyridine, TMS	184	C8H13FN2Si	1000496-60-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

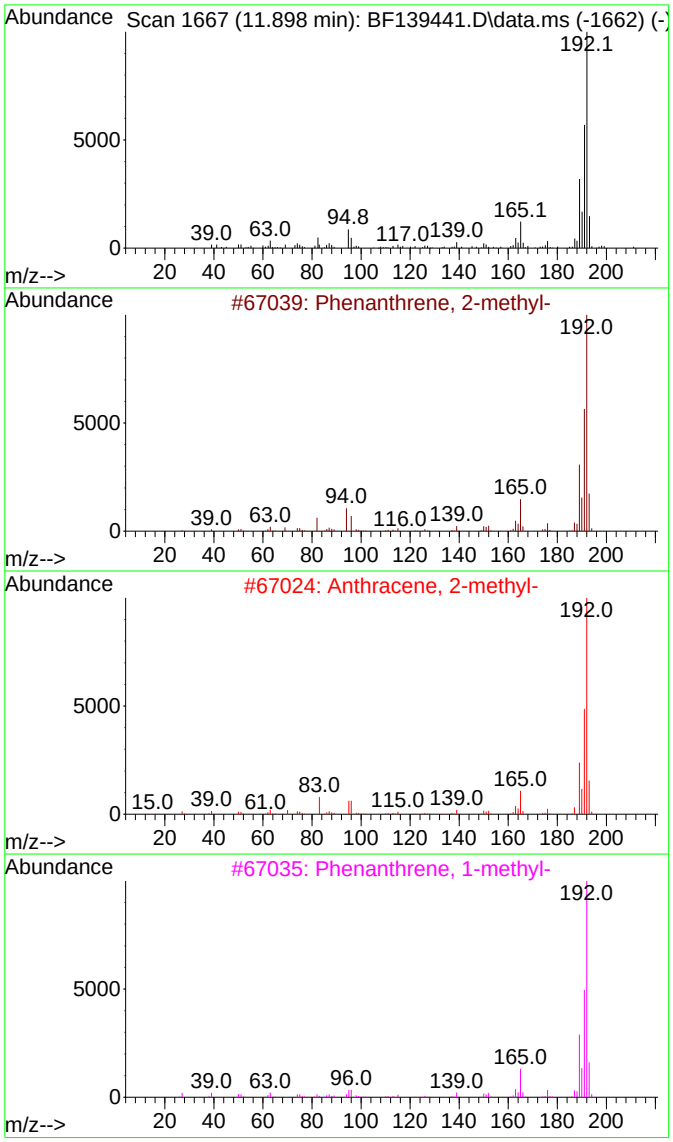
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

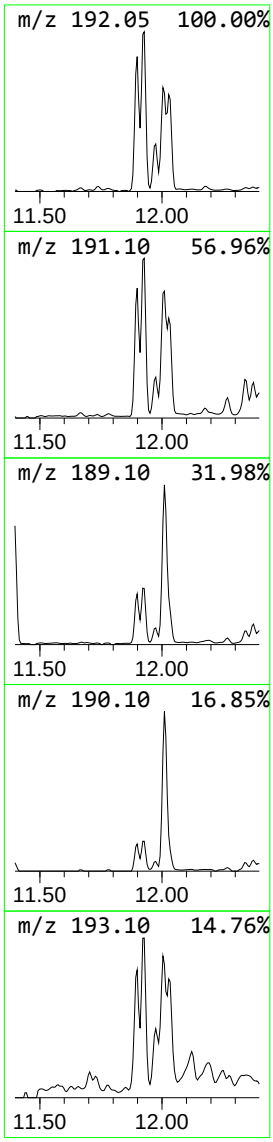
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.18 ng	100870	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

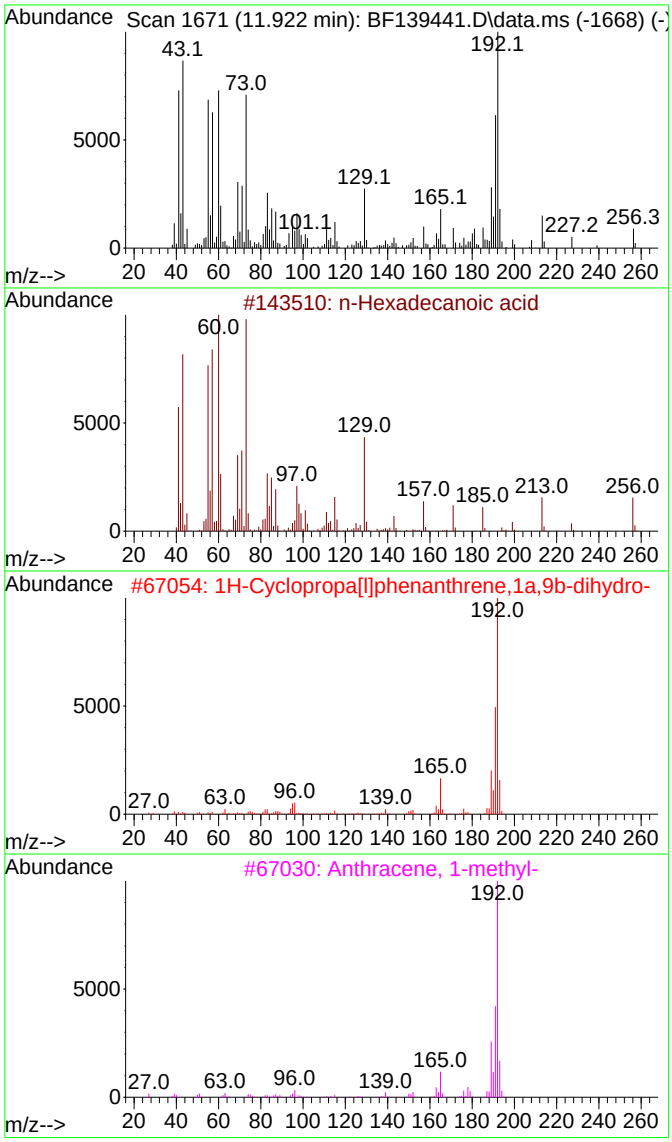
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

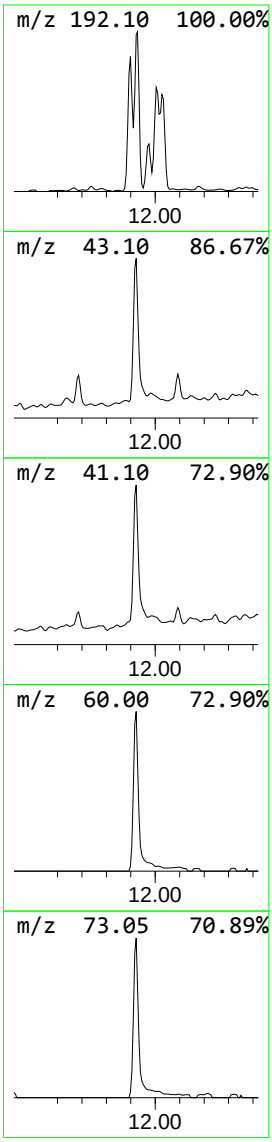
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.61 ng	303810	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

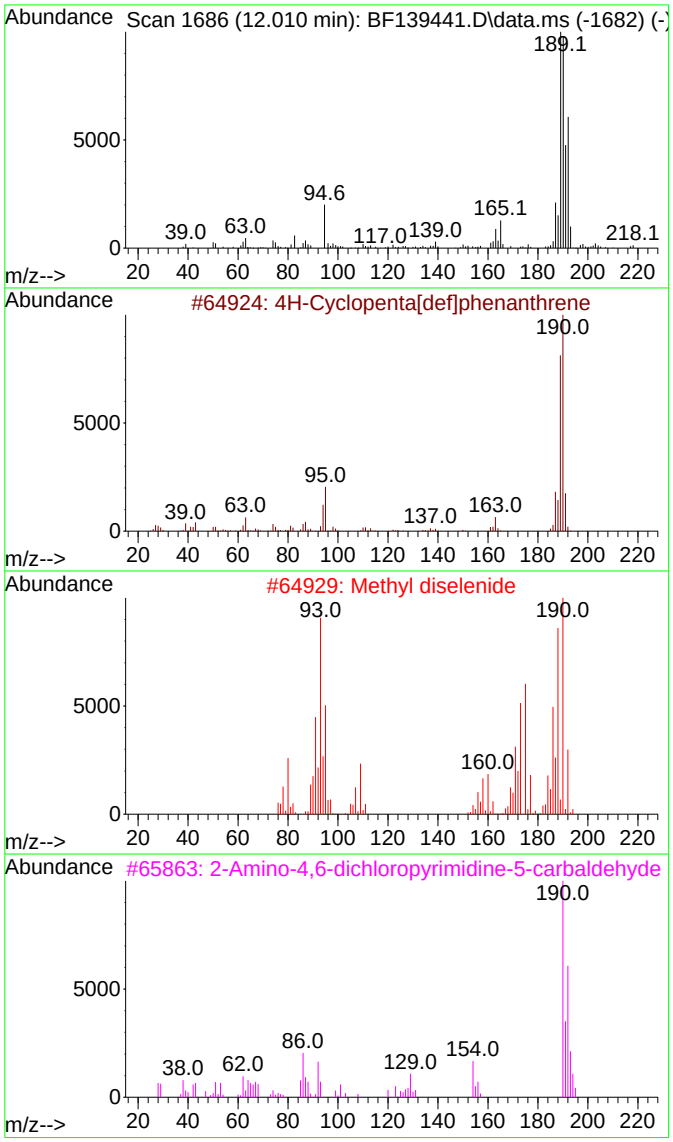
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

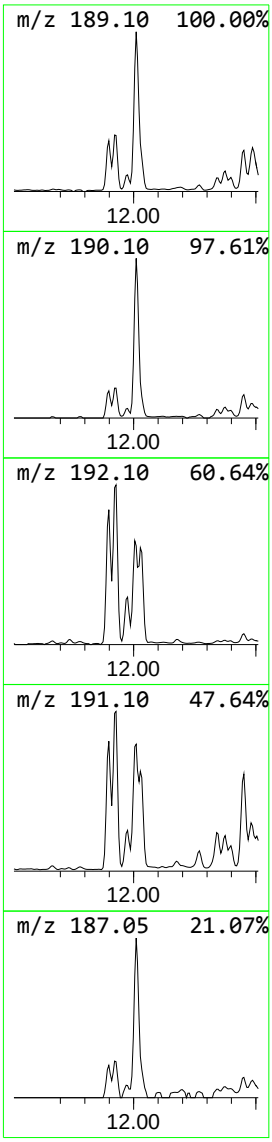
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.18 ng	256675	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	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

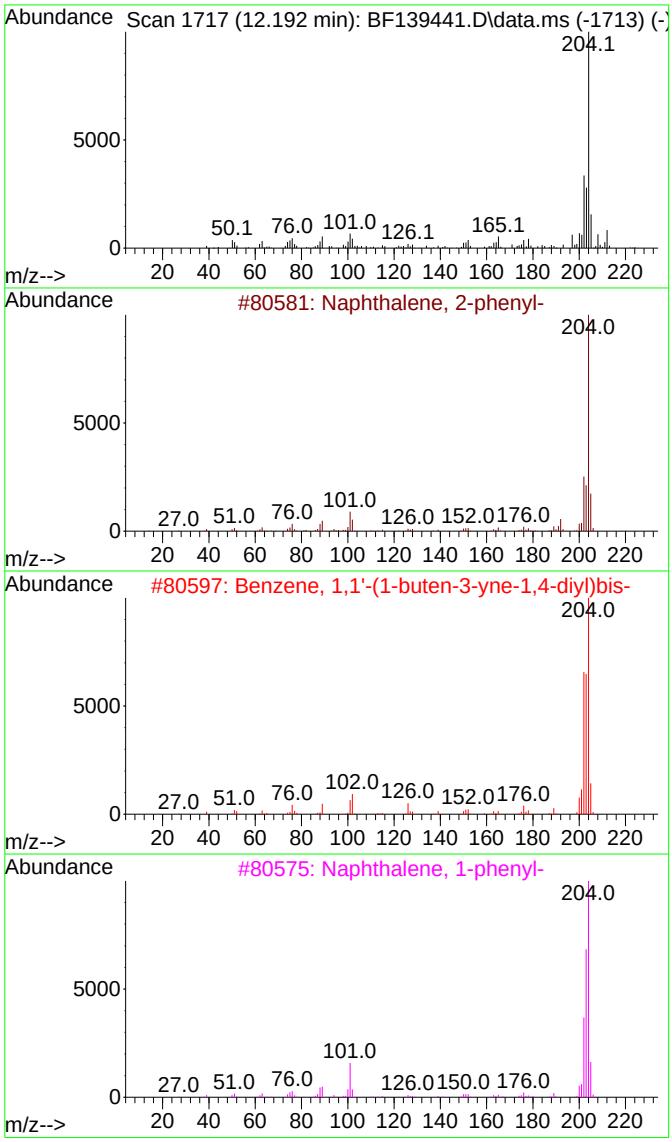
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

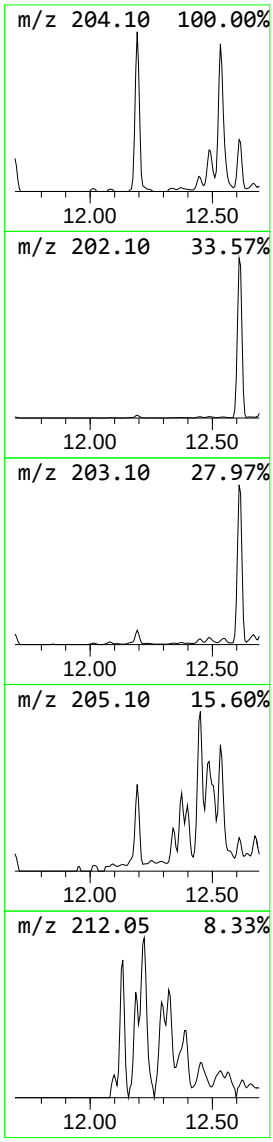
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.61 ng	70351	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

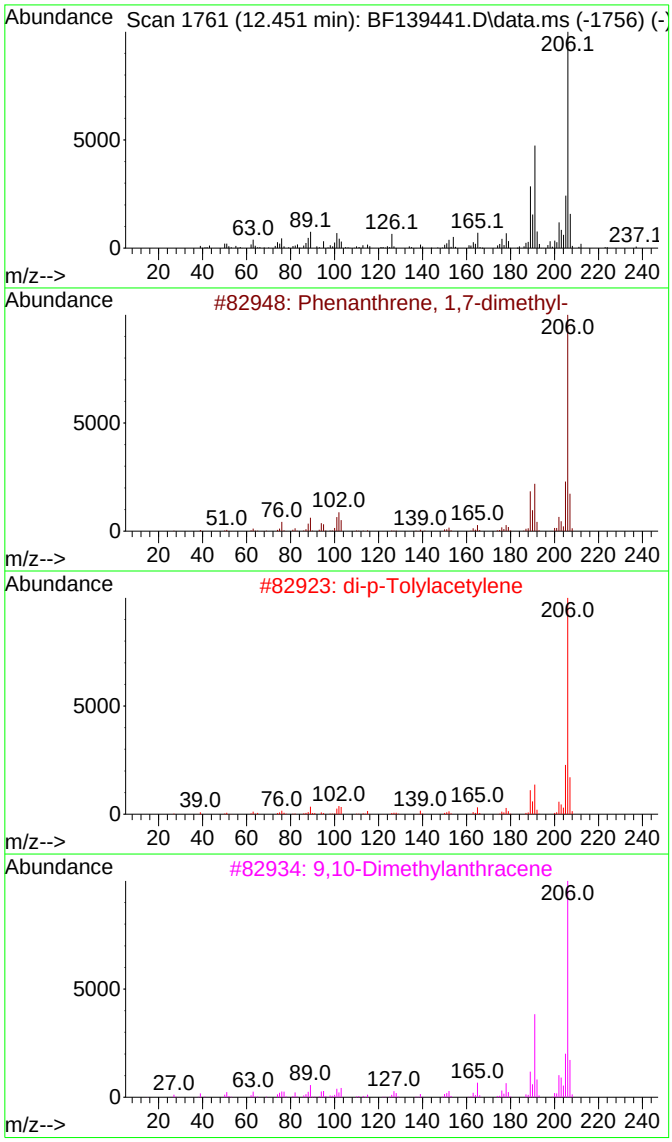
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

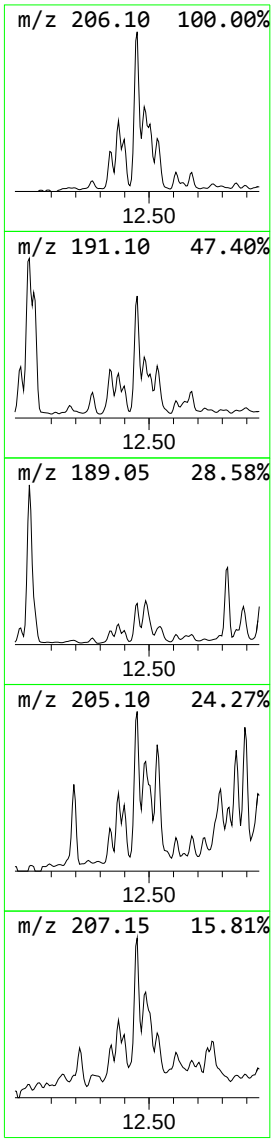
****

Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.65 ng	129412	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

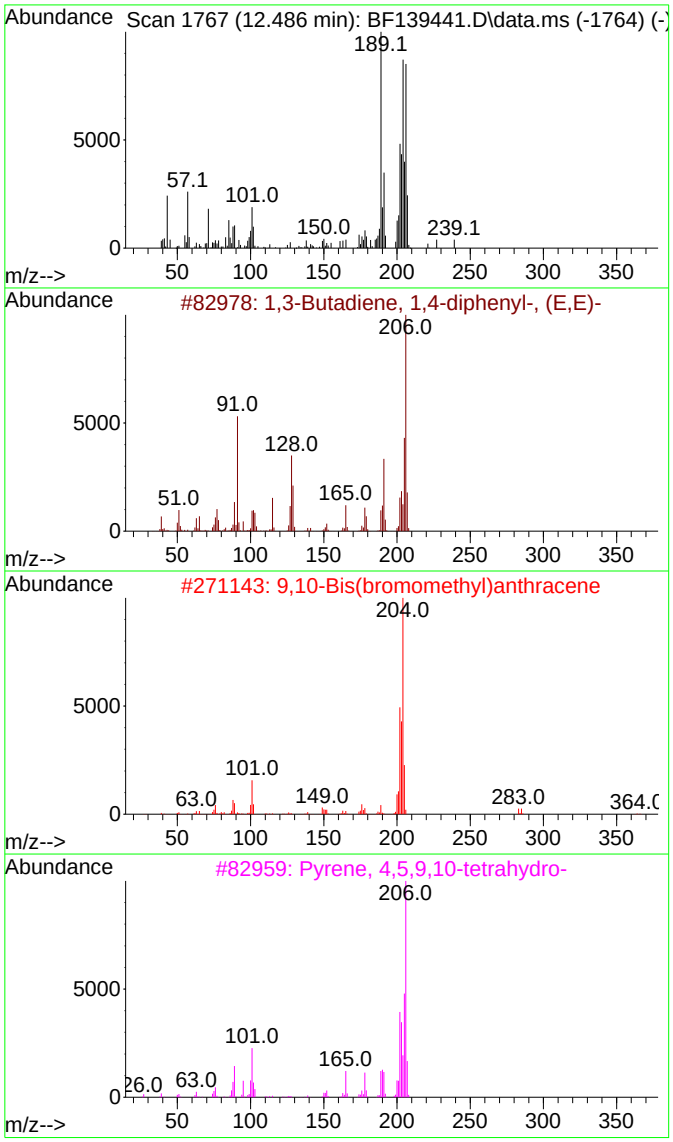
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

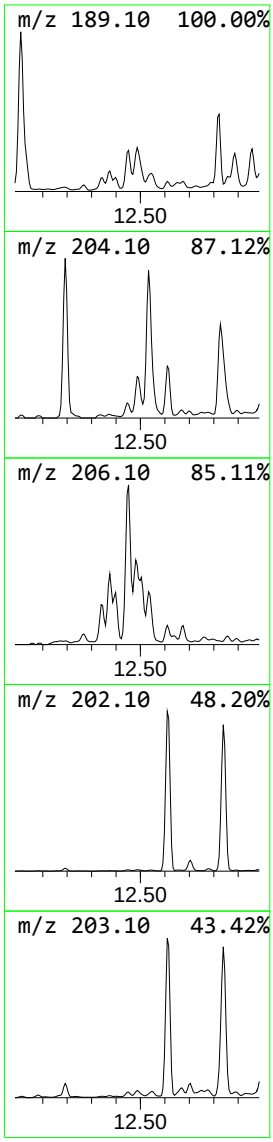
****

Peak Number 10 unknown12.486 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.95 ng	96340	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	42
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

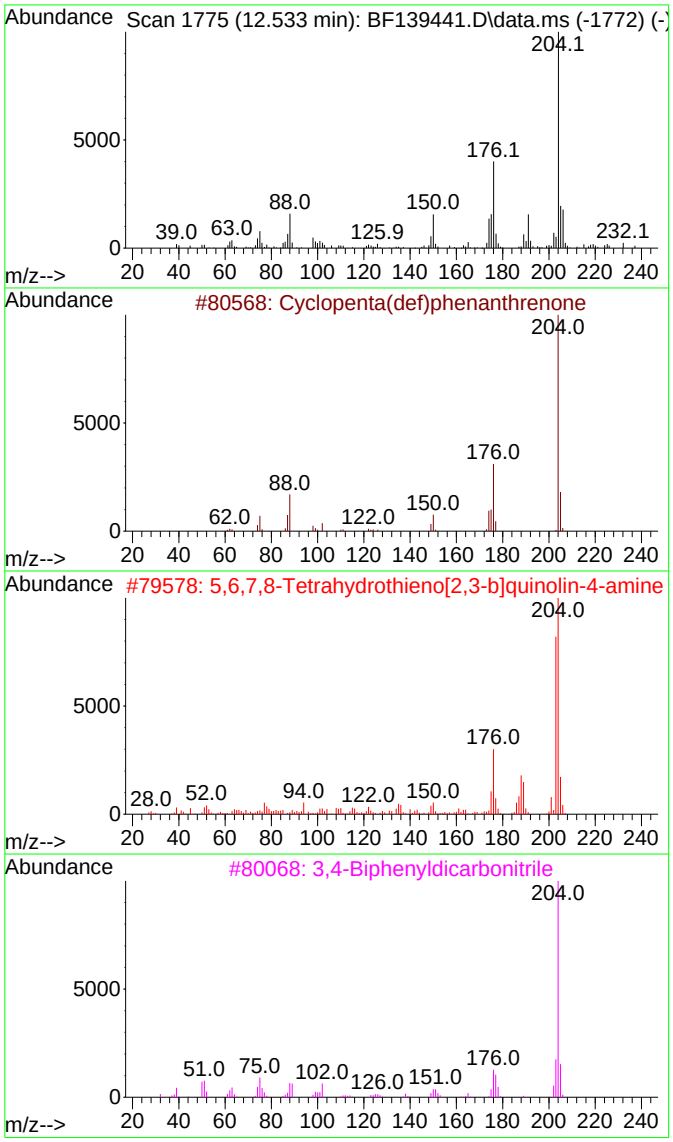
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

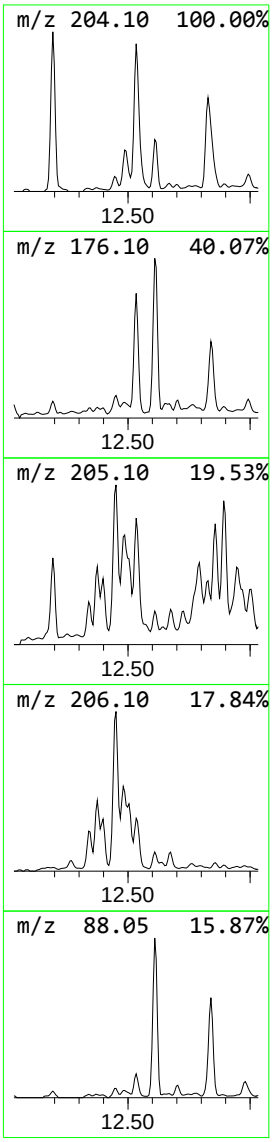
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	4.50 ng	87535	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

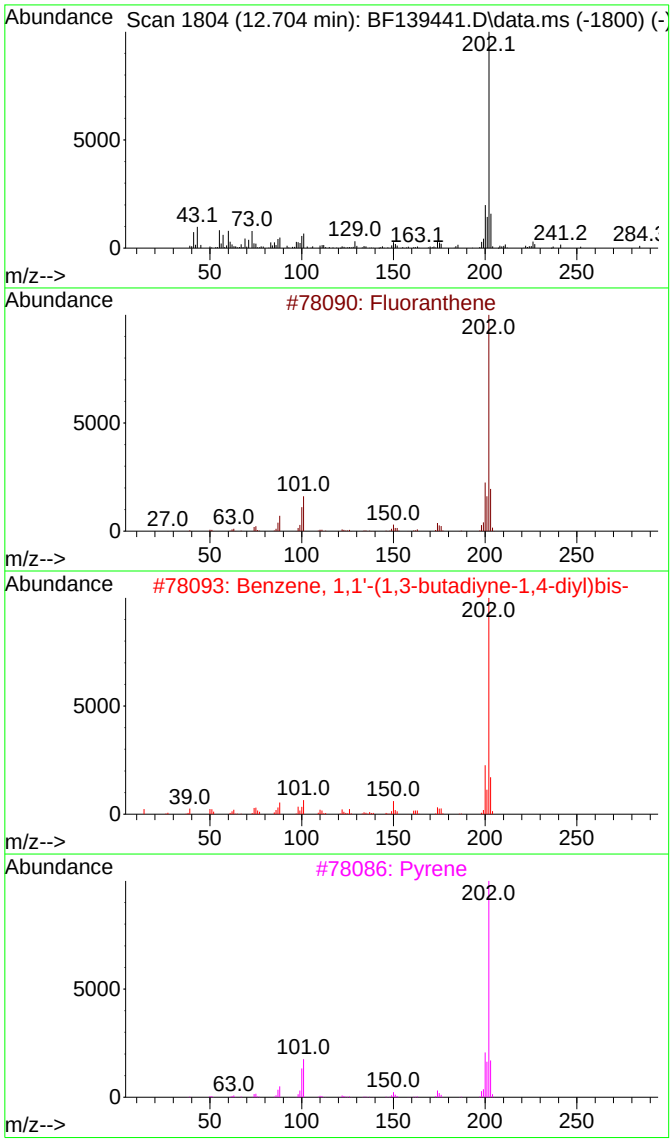
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

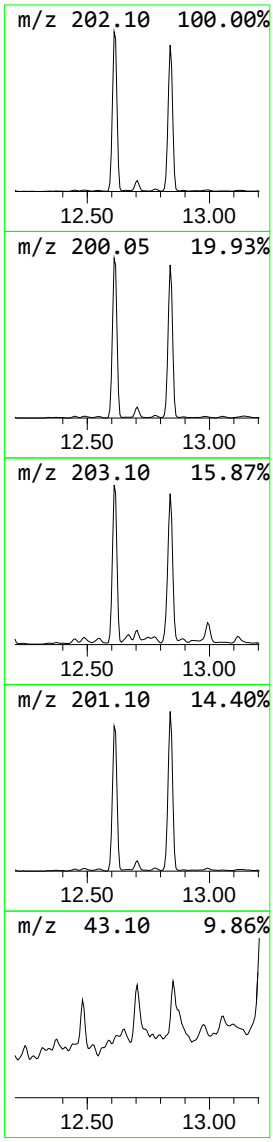
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	3.70 ng	71966	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	89
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
3	Pyrene	202	C16H10	000129-00-0	70
4	4-Methoxy-naphthalene-1-carboxyl...	202	C12H10O3	1000317-85-4	50
5	l-Leucine, N-methyl-N-(2-methoxy...	485	C28H55NO5	1010328-55-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

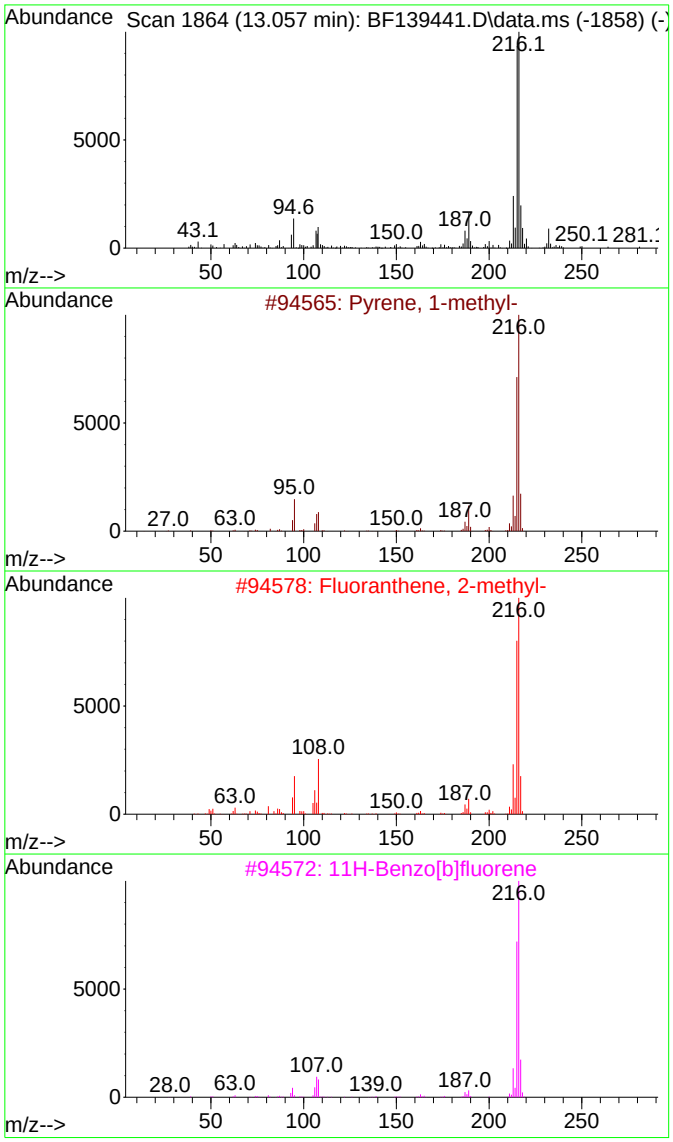
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

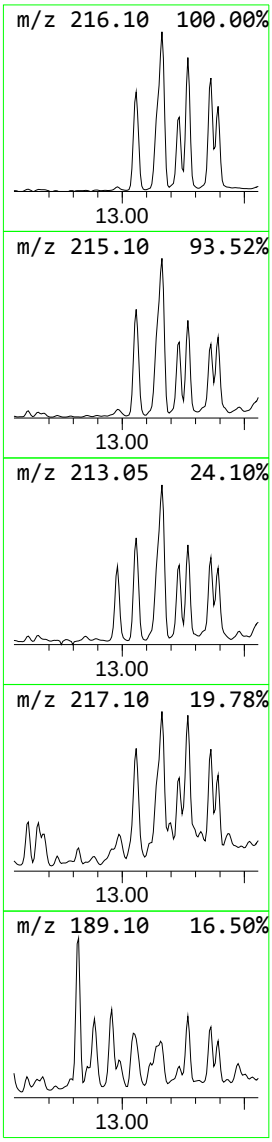
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	4.42 ng	200866	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

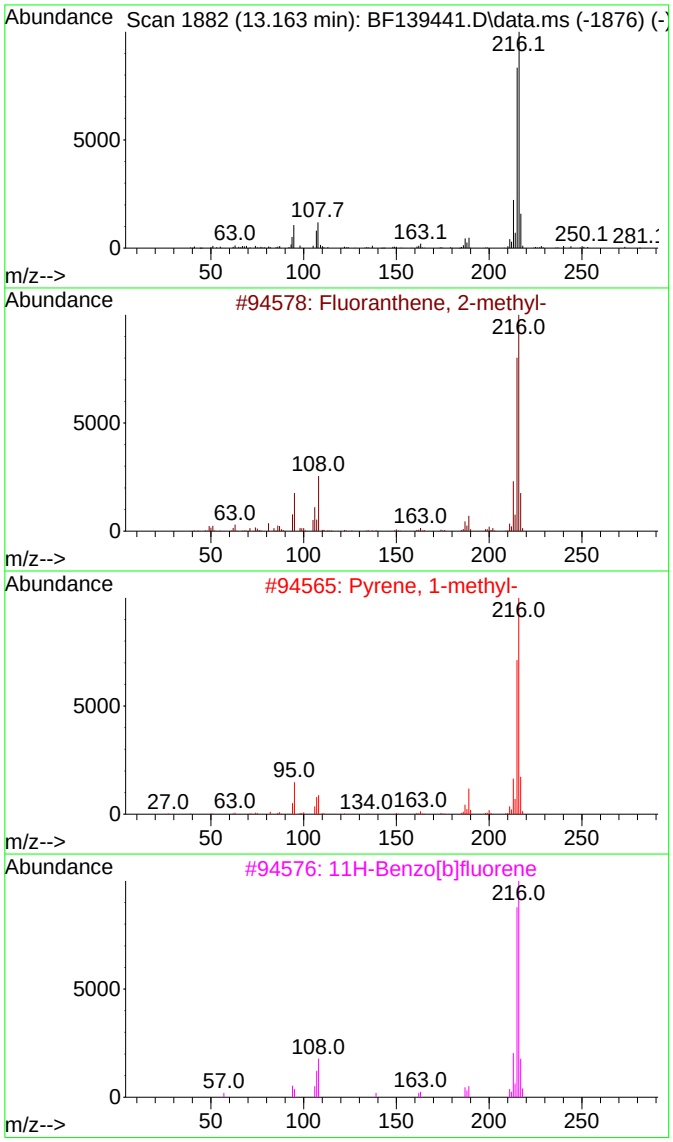
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

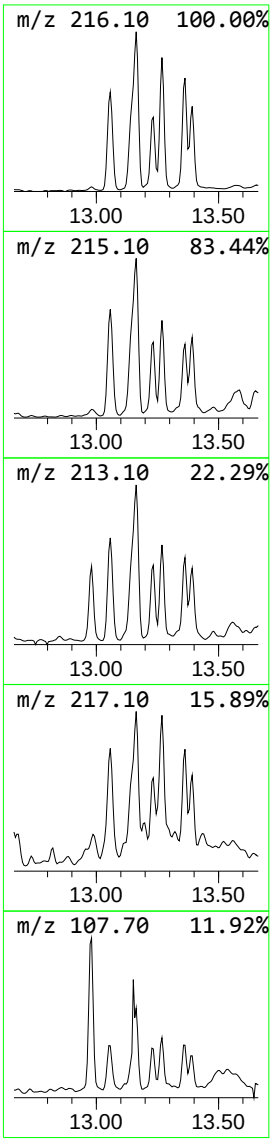
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	5.30 ng	240718	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

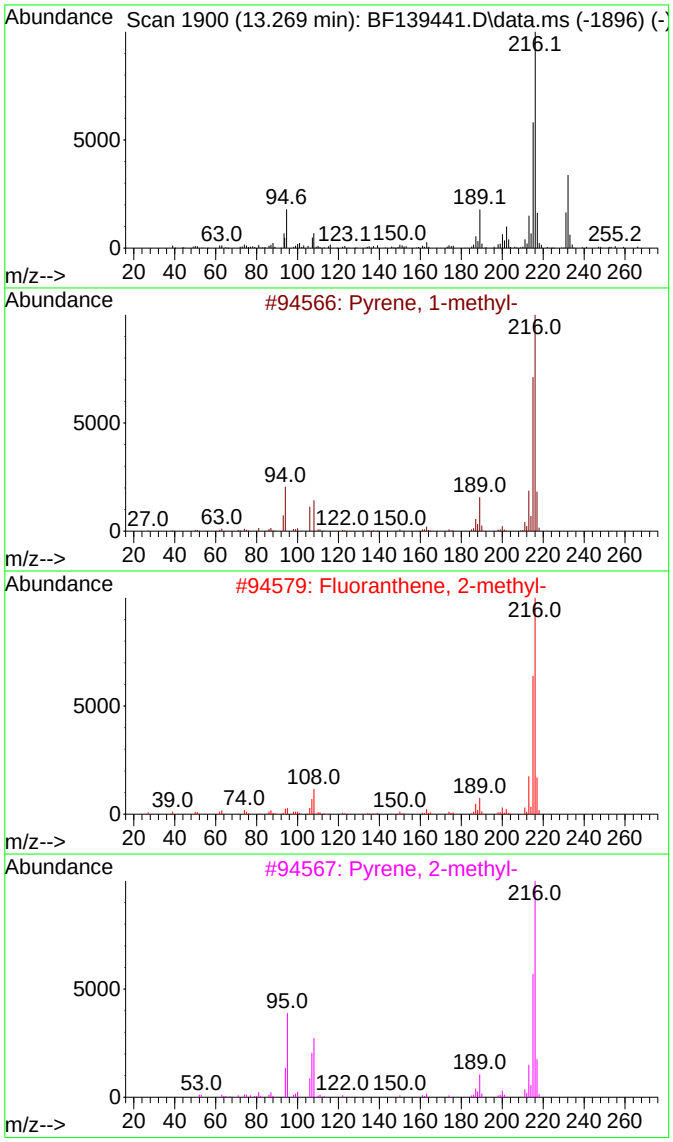
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

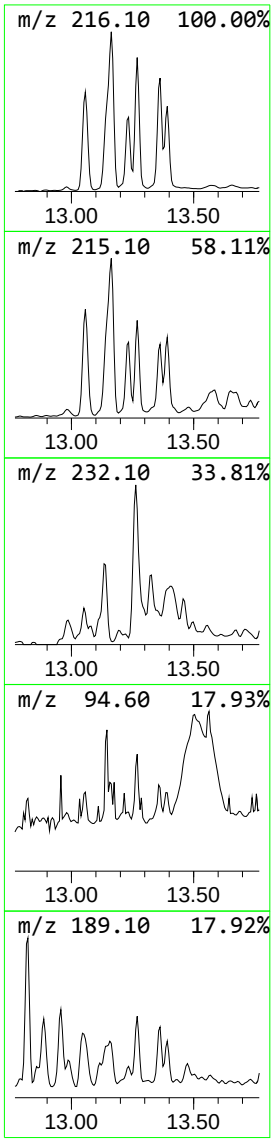
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	3.65 ng	165576	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

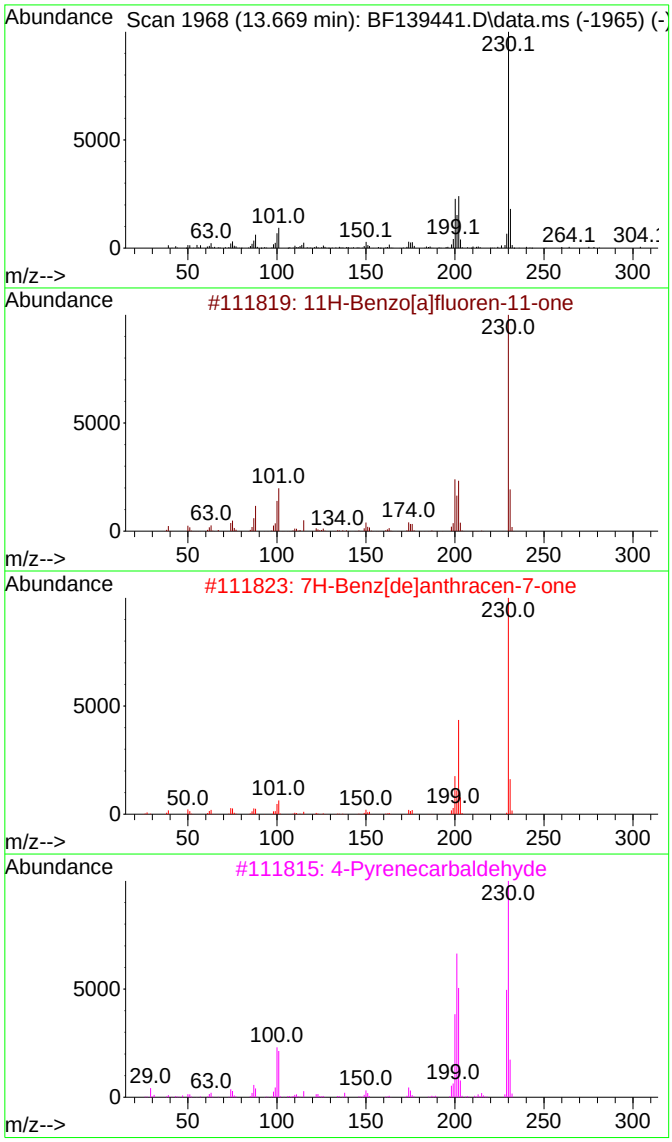
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

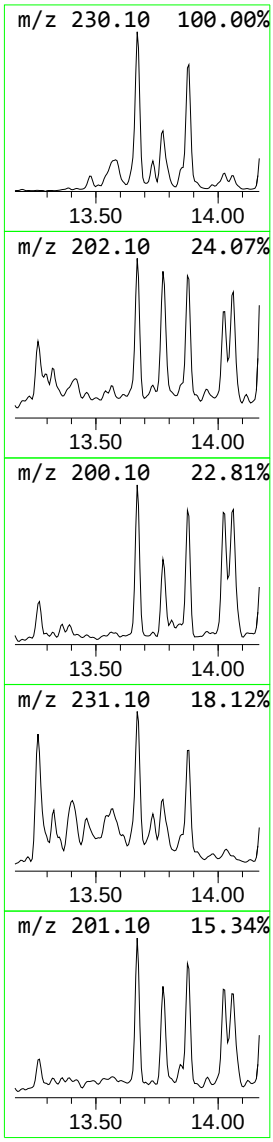
****

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	3.02 ng	137312	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	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

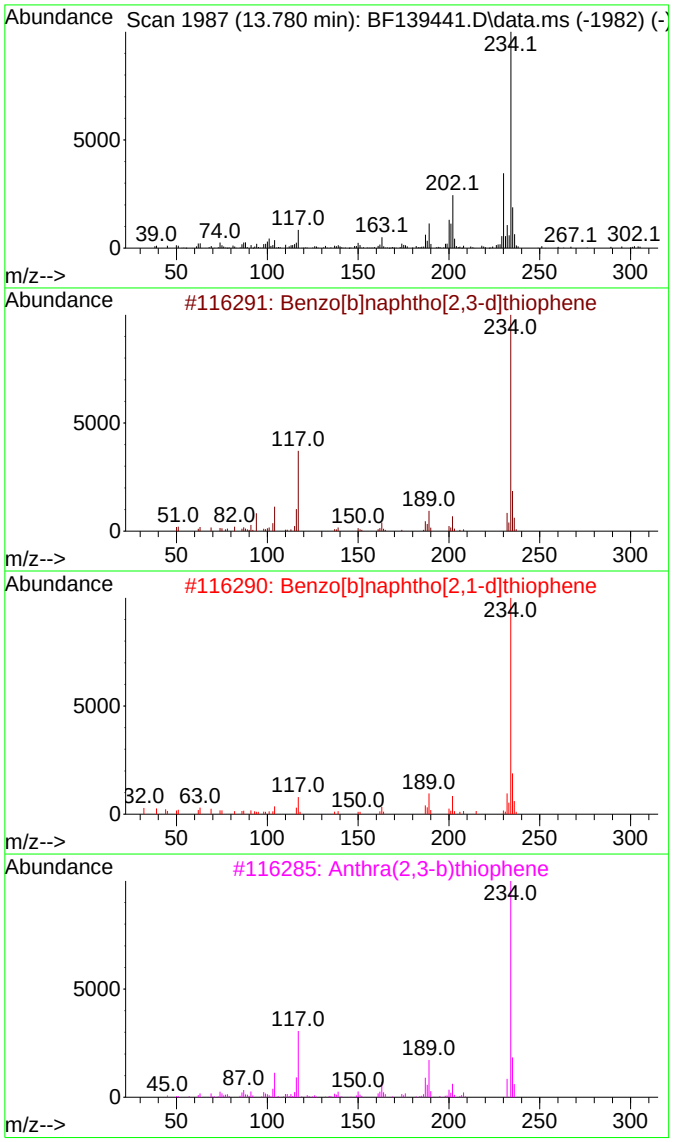
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

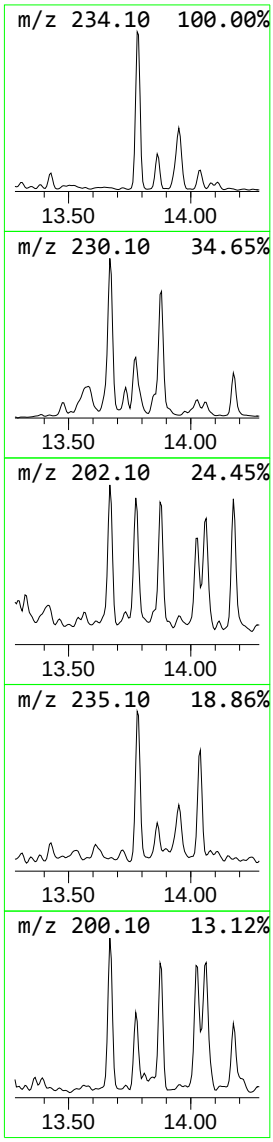
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.51 ng	159513	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	58
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	52
5	4-Pyridinamine, N-(1-naphthaleny...	234	C16H14N2	1000317-32-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

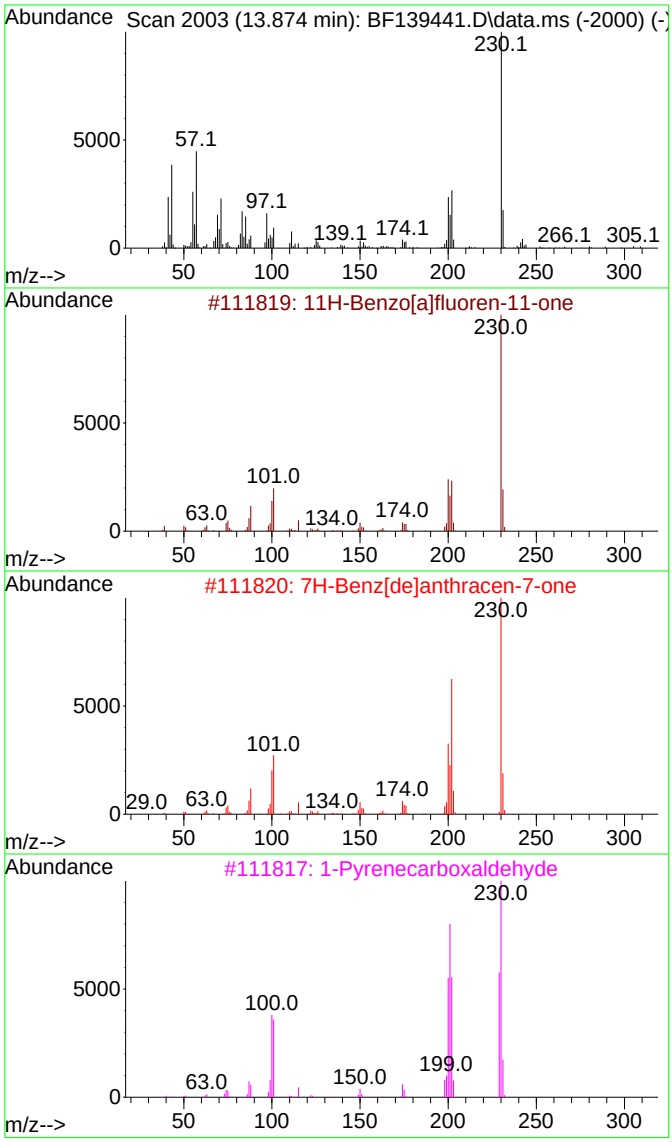
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

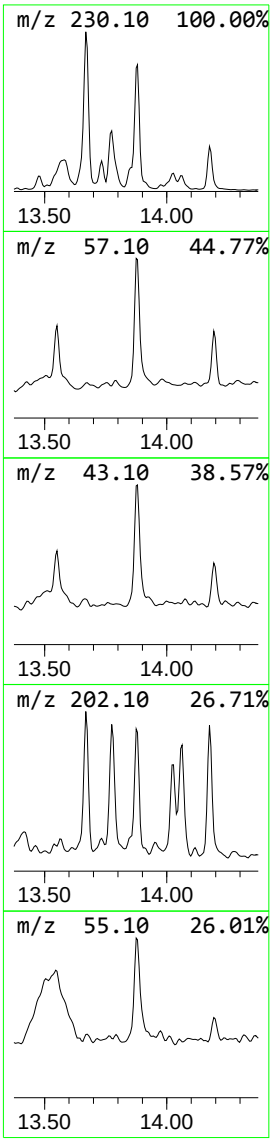
****

Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.35 ng	242885	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	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

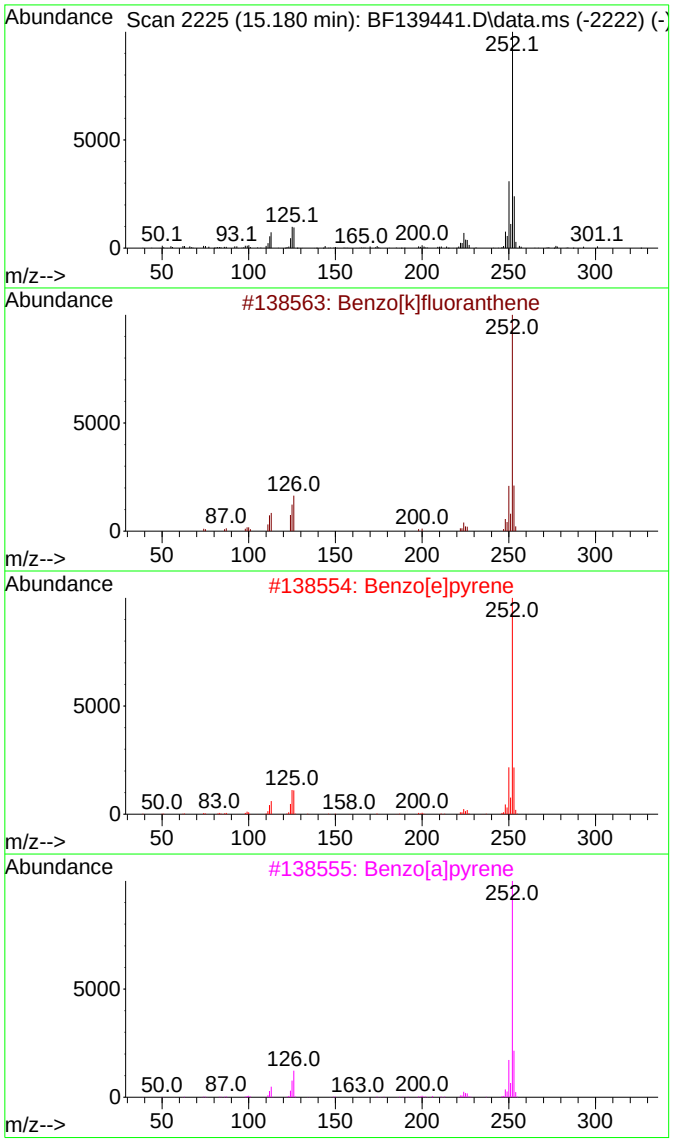
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

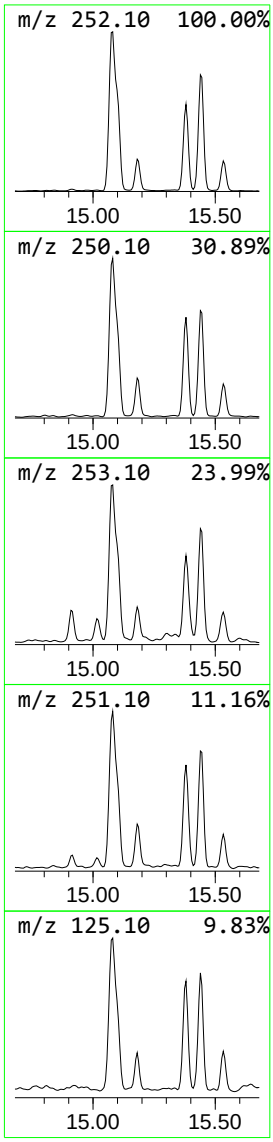
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	6.91 ng	79915	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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

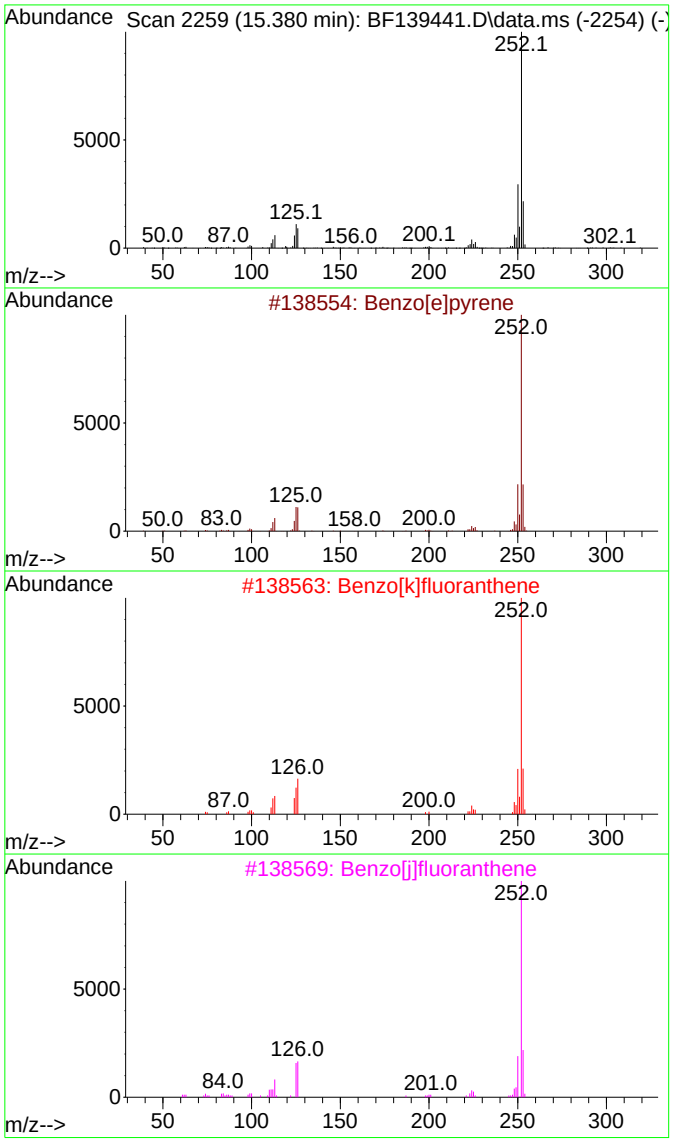
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

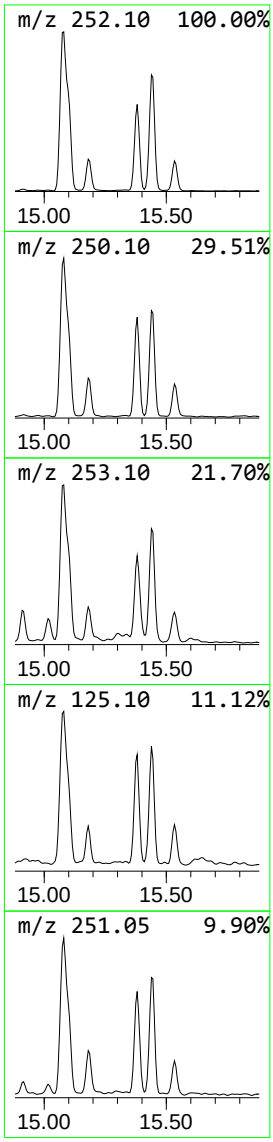
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	22.40 ng	259065	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	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139441.D
Acq On : 18 Sep 2024 22:38
Operator : RC/JU
Sample : P4087-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-06

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...	2.175	48.7	ng	1007530	1	6.881	413864	20.0
2-Pentanone, 4-...	5.093	5.0	ng	104321	1	6.881	413864	20.0
Benzophenone	10.616	3.6	ng	81988	3	9.910	451468	20.0
unknown10.822	10.822	2.9	ng	56304	4	11.398	389347	20.0
Phenanthrene, 2...	11.898	5.2	ng	100870	4	11.398	389347	20.0
n-Hexadecanoic ...	11.922	15.6	ng	303810	4	11.398	389347	20.0
4H-Cyclopenta[d...	12.010	13.2	ng	256675	4	11.398	389347	20.0
Naphthalene, 2-...	12.192	3.6	ng	70351	4	11.398	389347	20.0
Phenanthrene, 1...	12.451	6.7	ng	129412	4	11.398	389347	20.0
unknown12.486	12.486	5.0	ng	96340	4	11.398	389347	20.0
Cyclopenta(def)...	12.533	4.5	ng	87535	4	11.398	389347	20.0
Benzene, 1,1'-(...	12.704	3.7	ng	71966	4	11.398	389347	20.0
Pyrene, 1-methyl-	13.057	4.4	ng	200866	5	14.033	907989	20.0
Fluoranthene, 2...	13.163	5.3	ng	240718	5	14.033	907989	20.0
Pyrene, 2-methyl-	13.269	3.6	ng	165576	5	14.033	907989	20.0
11H-Benzo[a]flu...	13.669	3.0	ng	137312	5	14.033	907989	20.0
Benzo[b]naphtho...	13.780	3.5	ng	159513	5	14.033	907989	20.0
7H-Benz[de]anth...	13.874	5.3	ng	242885	5	14.033	907989	20.0
Benzo[e]pyrene	15.180	6.9	ng	79915	6	15.504	231353	20.0
Benzo[j]fluoran...	15.380	22.4	ng	259065	6	15.504	231353	20.0