Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040964.D
Acq On : 19 Jul 2023 20:14
Operator : MA/JU
Sample : SSTD0.496
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 05:00:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	13141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	9501	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	6396	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	5737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1770	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	7417	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	9381	0.458	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	1825	0.340	ng/ul	100
5) Naphthalene	10.730	128	14187	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	8225	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.566	142	8746	0.411	ng/ul	100
10) Acenaphthylene	14.250	152	8422	0.371	ng/ul	100
11) Acenaphthene	14.587	153	7433	0.388	ng/ul	100
12) Fluorene	15.582	166	7663	0.375	ng/ul	100
14) Pentachlorophenol	16.974	266	681	0.372	ng/ul	98
15) Phenanthrene	17.324	178	11183	0.379	ng/ul	100
16) Anthracene	17.421	178	8527	0.344	ng/ul	100
19) Fluoranthene	19.343	202	11903	0.438	ng/ul	100
20) Pyrene	19.705	202	12698	0.436	ng/ul	100
21) Benzo(a)anthracene	21.457	228	7409	0.342	ng/ul	100
22) Chrysene	21.507	228	8740	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.135	252	8380	0.377	ng/ul	100
25) Benzo(k)fluoranthene	23.187	252	8322	0.380	ng/ul	100
26) Benzo(a)pyrene	23.763	252	7309	0.365	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.351	276	9870	0.354	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.367	278	7476	0.343	ng/ul	100
29) Benzo(g,h,i)perylene	27.102	276	9301	0.381	ng/ul	100

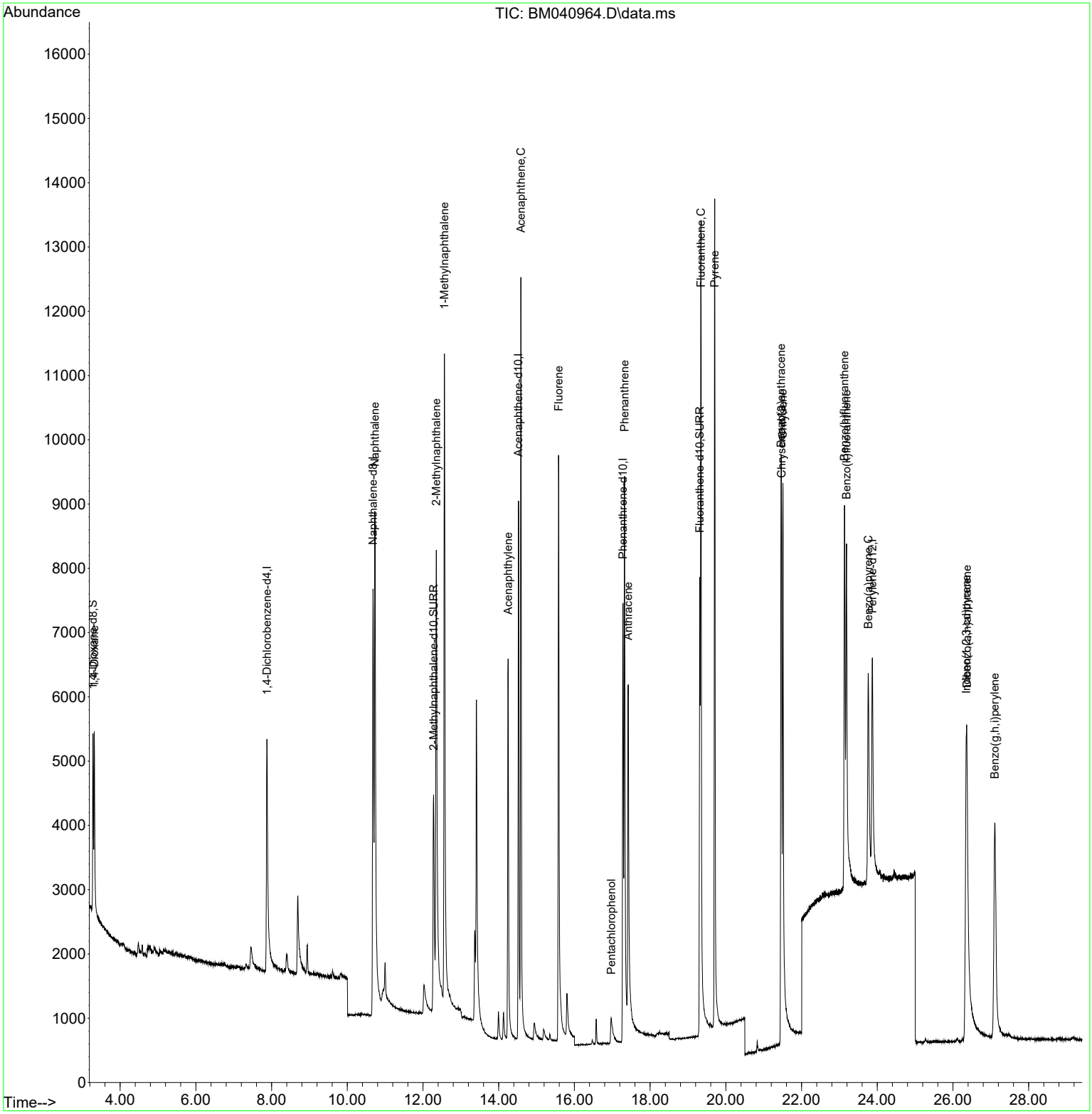
(#) = qualifier out of range (m) = manual integration (+) = signals summed

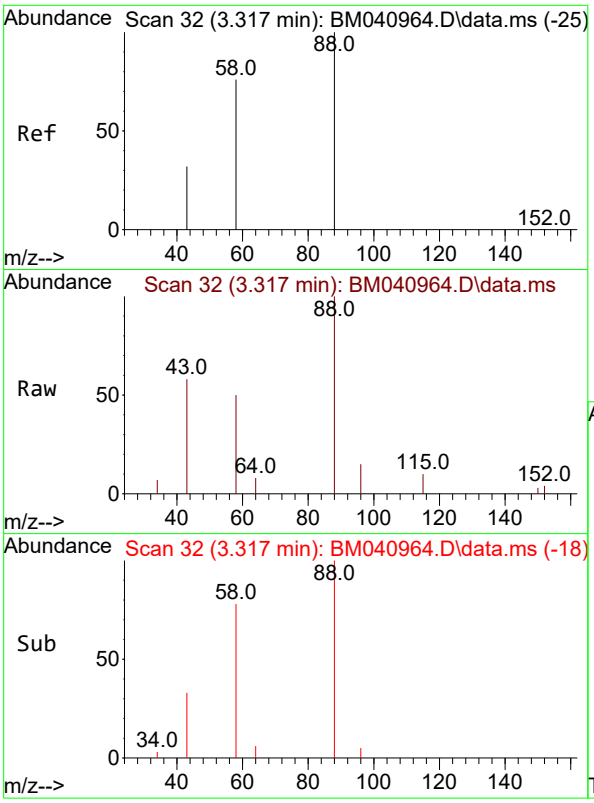
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040964.D
Acq On : 19 Jul 2023 20:14
Operator : MA/JU
Sample : SSTD0.496
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 05:00:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration



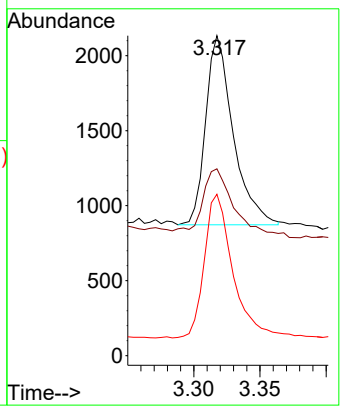


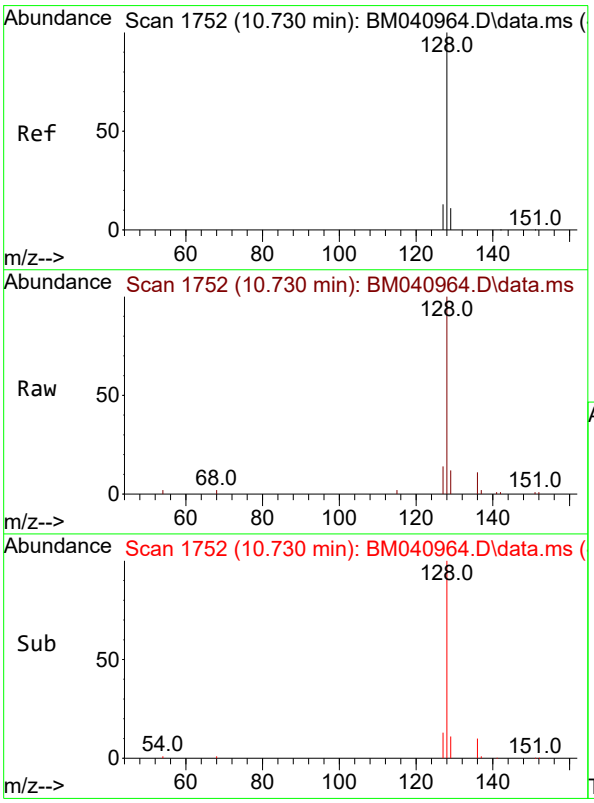
#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.317 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1825

Ion	Ratio	Lower	Upper
88	100		
43	58.4	46.7	70.1
58	50.4	40.3	60.5

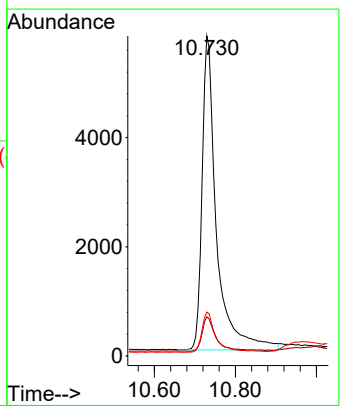


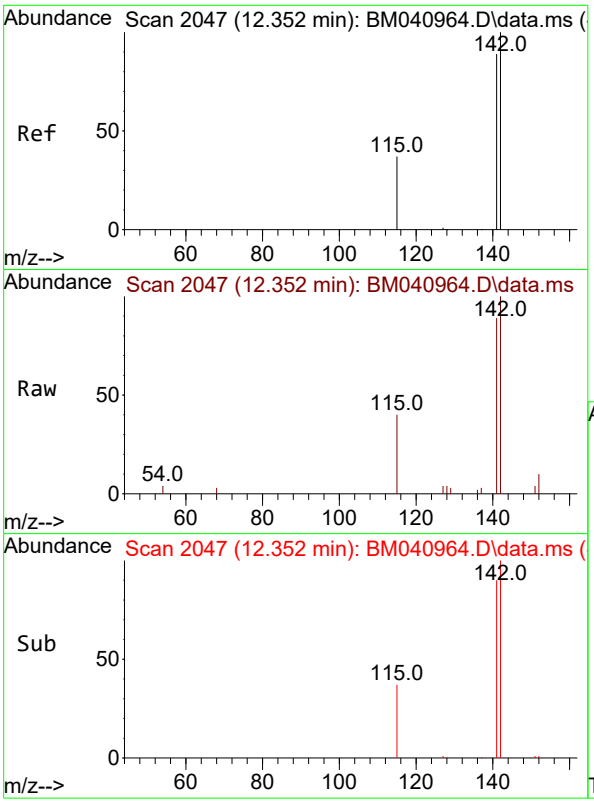


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:128 Resp: 14187

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.8
127	13.7	11.0	16.4



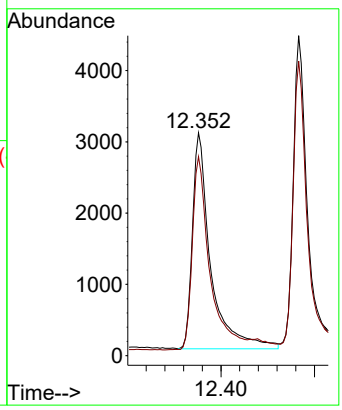


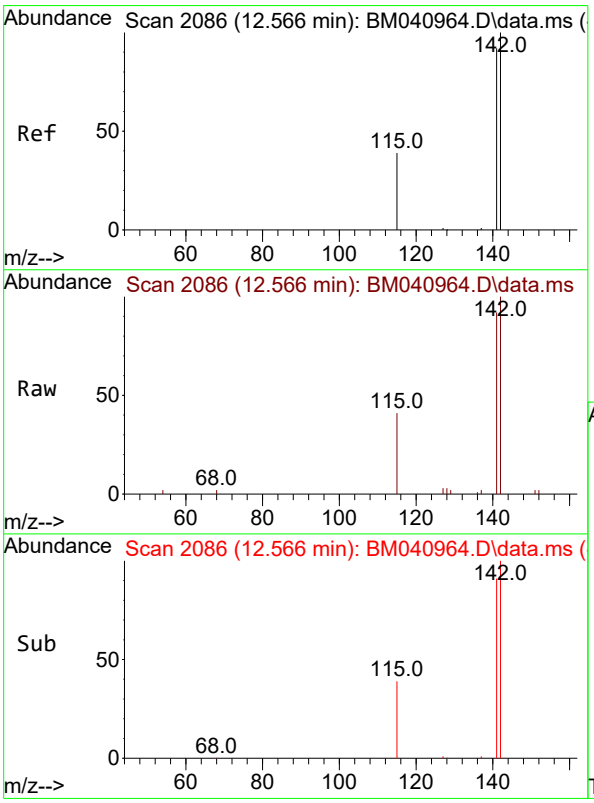
#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.352 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 8225

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8

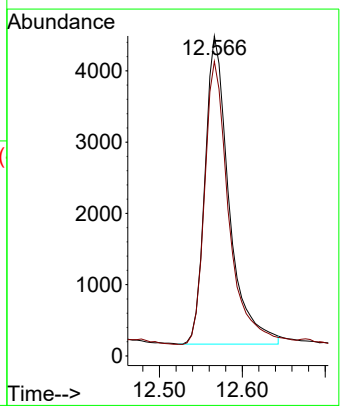


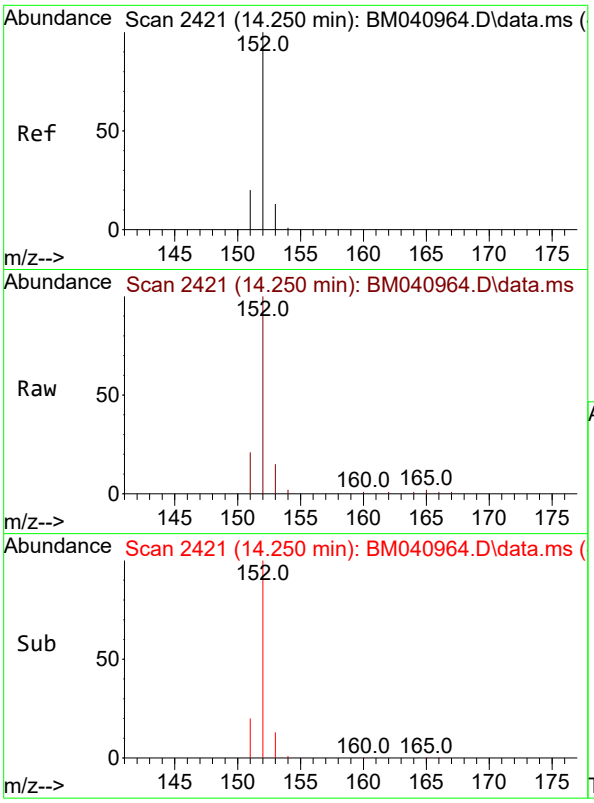


#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:142 Resp: 8746

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2



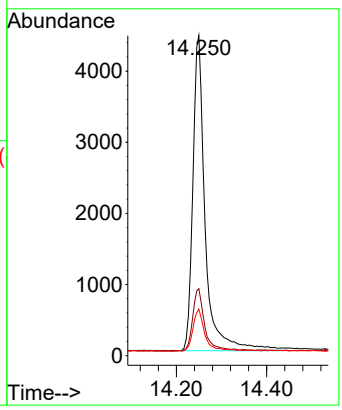


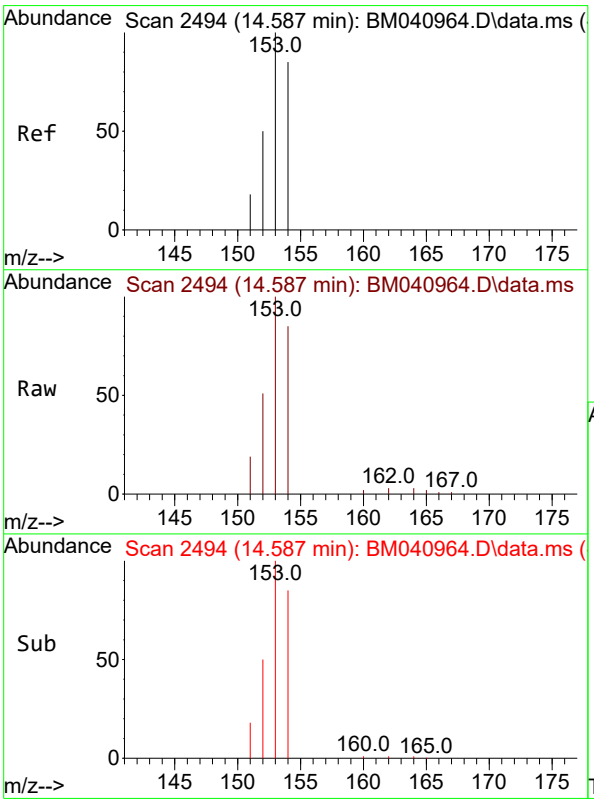
#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.250 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 8422

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.5	11.6	17.4

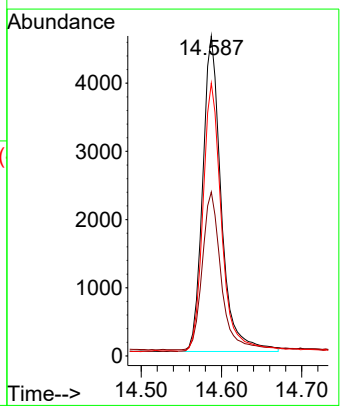


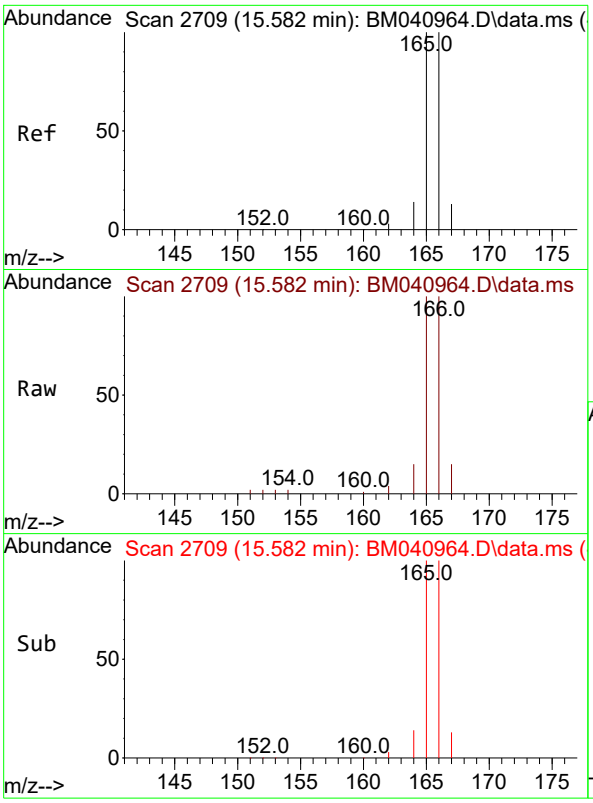


#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:153 Resp: 7433

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.0	61.6
154	85.2	68.2	102.2



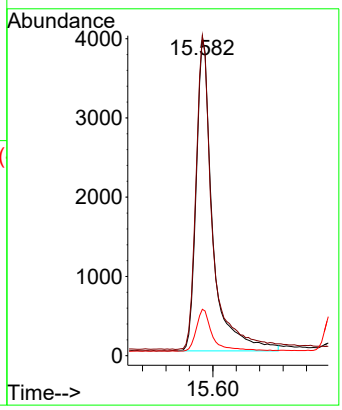


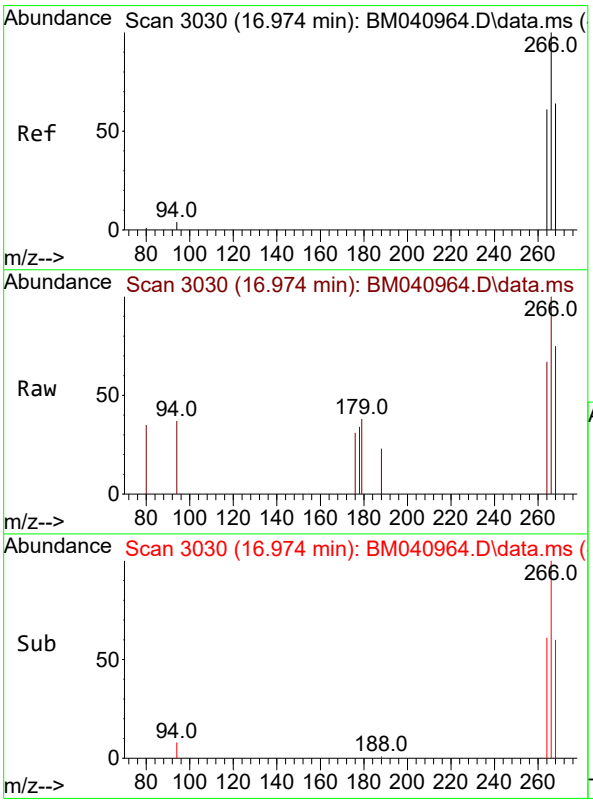
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.582 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 7663

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	14.6	11.7	17.5

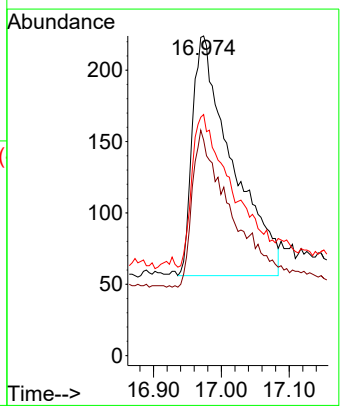


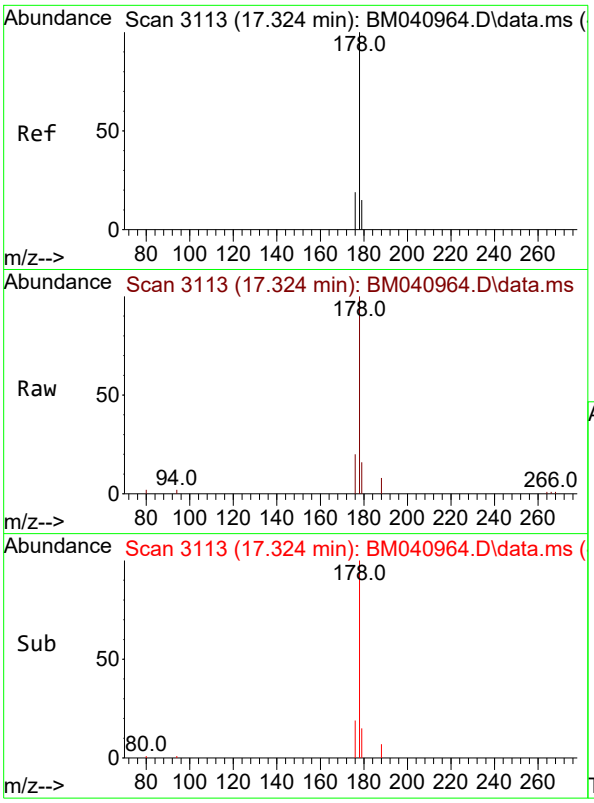


#14
Pentachlorophenol
Concen: 0.372 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:266 Resp: 681

Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.7	76.1
268	67.7	52.8	79.2



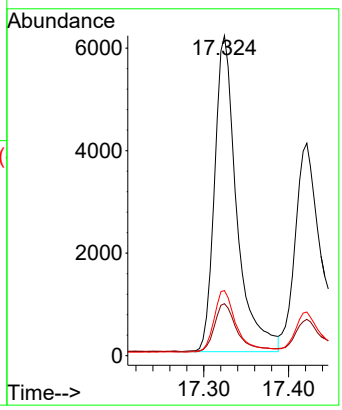


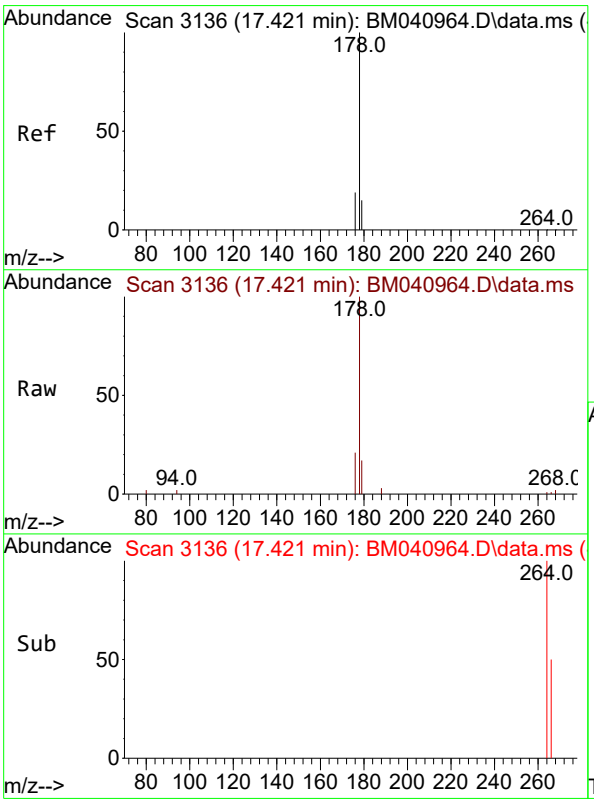
#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 11183

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	20.3	16.2	24.4

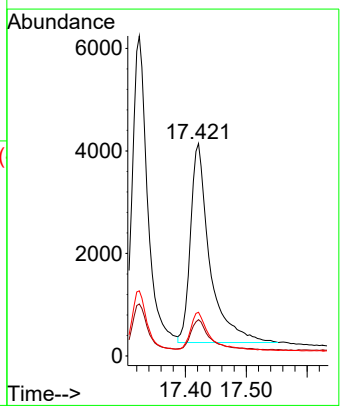


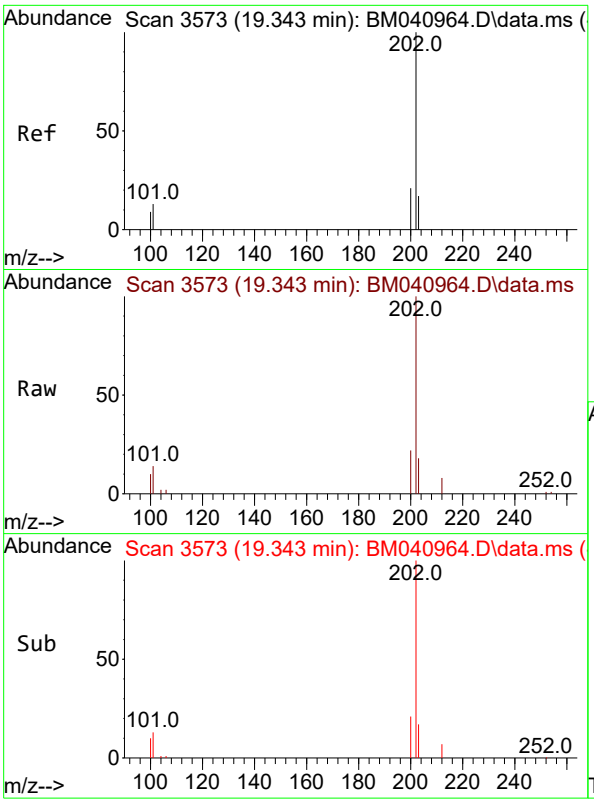


#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:178 Resp: 8527

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	20.5	16.4	24.6



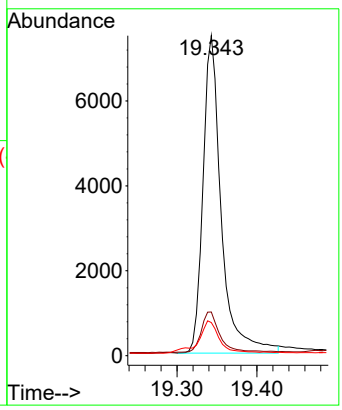


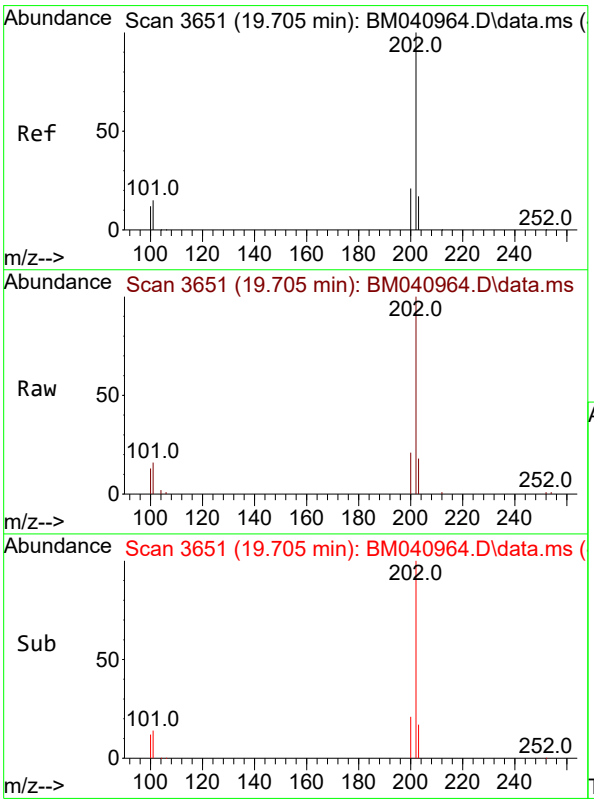
#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 11903

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	10.4	8.3	12.5

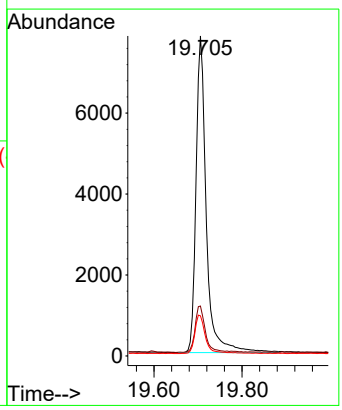


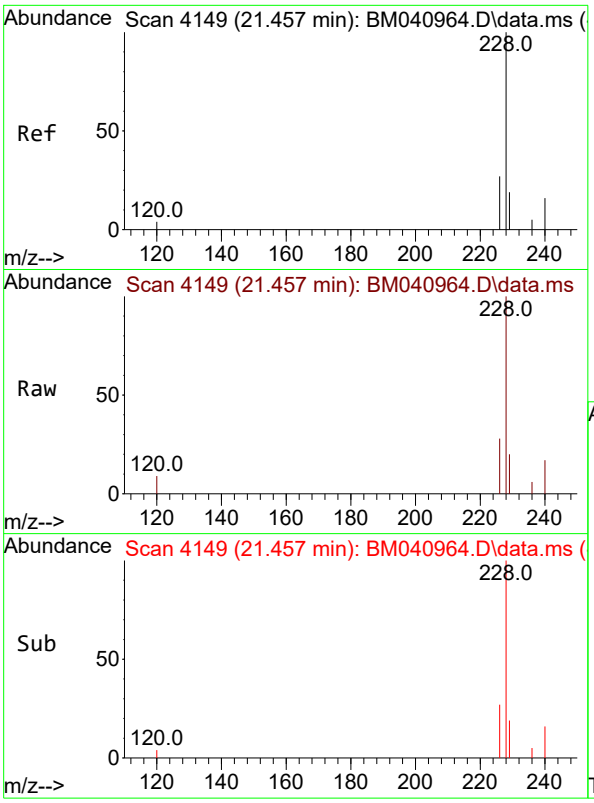


#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:202 Resp: 12698

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.5	18.7
100	12.5	10.0	15.0



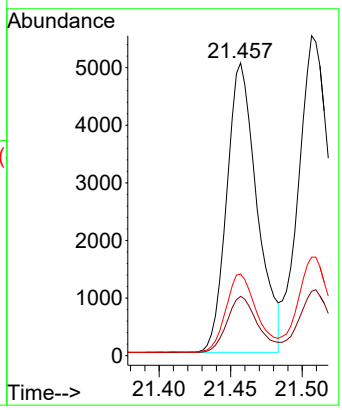


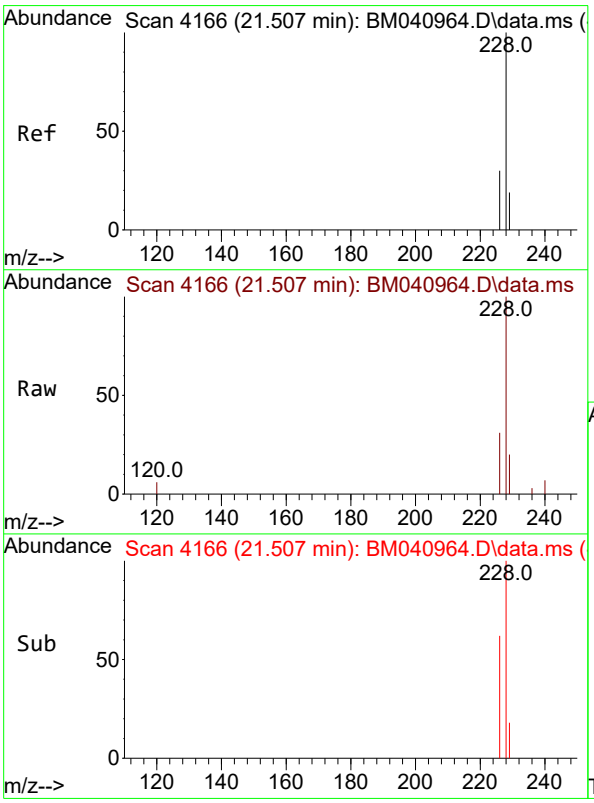
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.457 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 7409

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	27.9	22.3	33.5

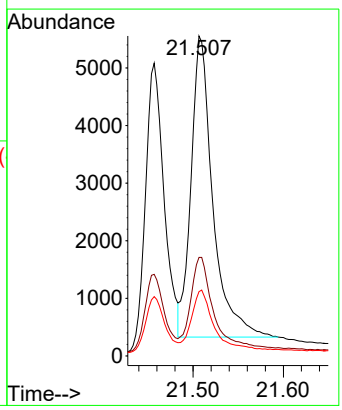


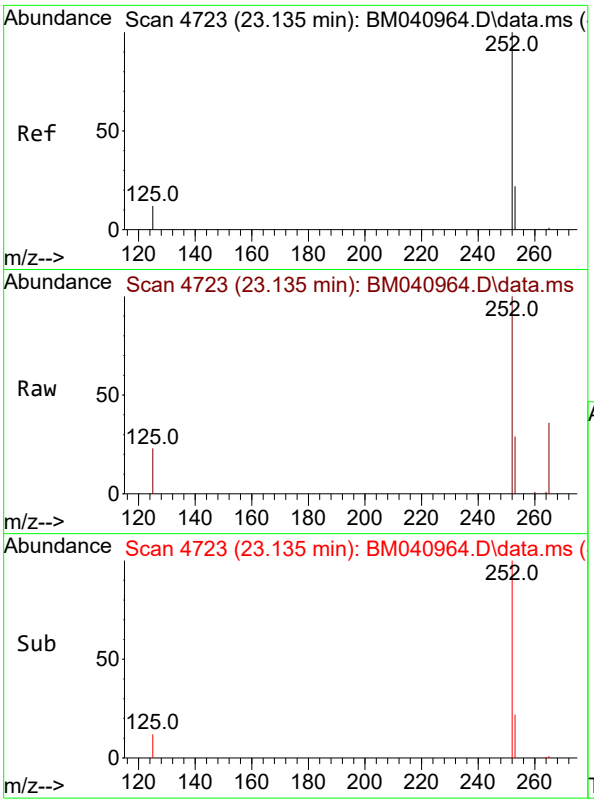


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:228 Resp: 8740

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.1	16.1	24.1



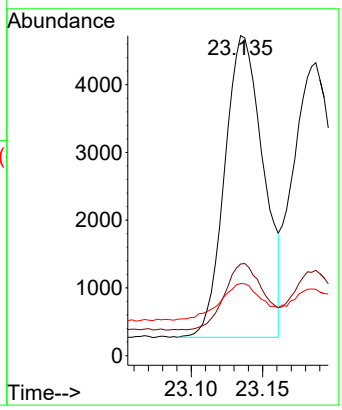


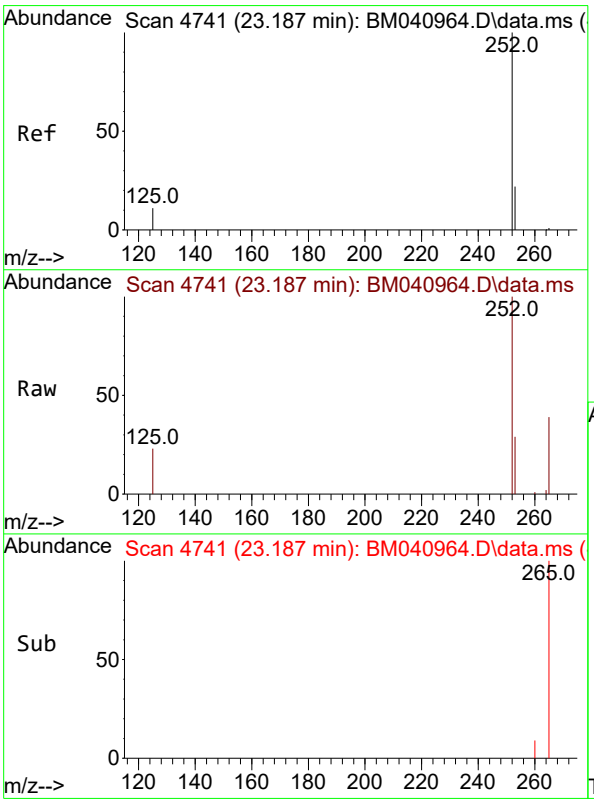
#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.135 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 8380

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	57.4
125	22.6	0.0	45.2

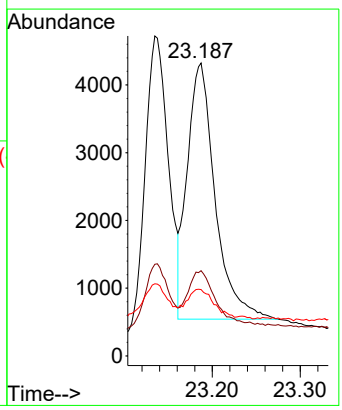


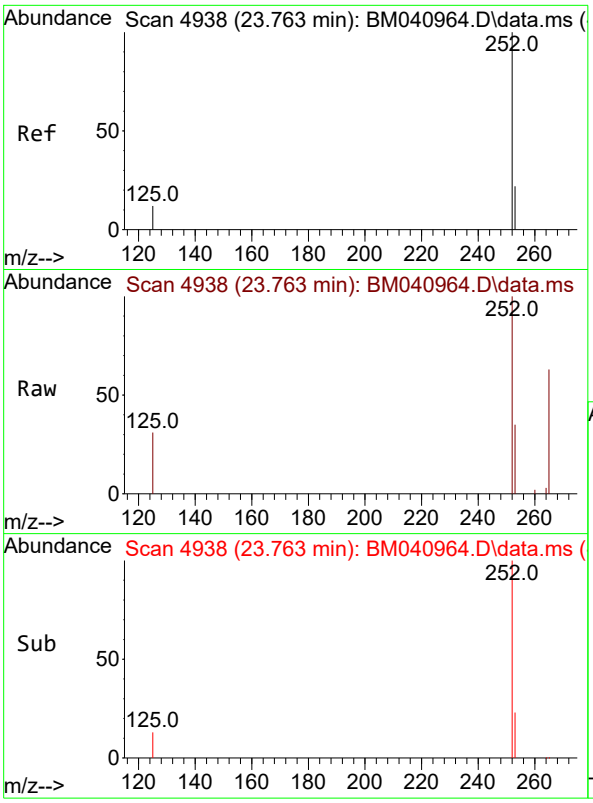


#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:252 Resp: 8322

Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.3	34.9
125	22.7	18.2	27.2



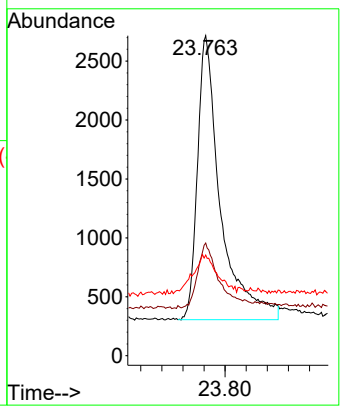


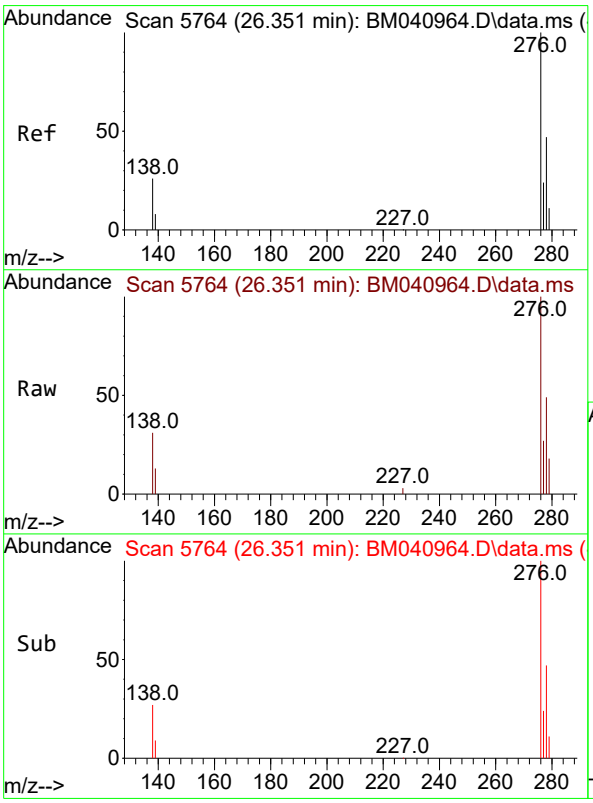
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.763 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7309

Ion	Ratio	Lower	Upper
252	100		
253	35.2	28.2	42.2
125	31.5	25.2	37.8

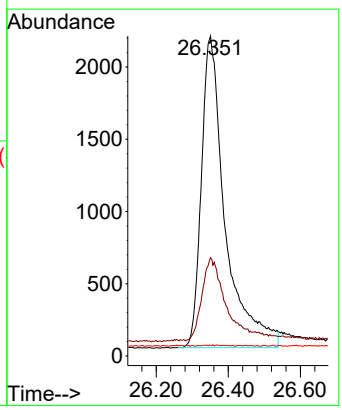


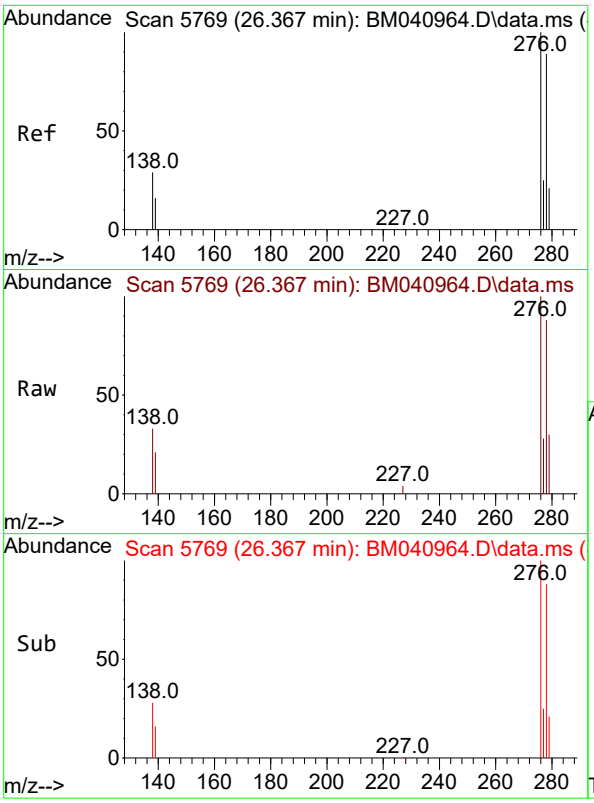


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.351 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:276 Resp: 9870

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.3	33.5
227	0.0	0.0	0.0#



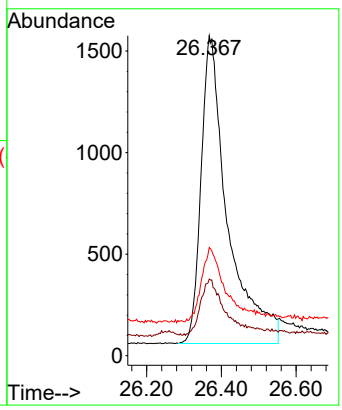


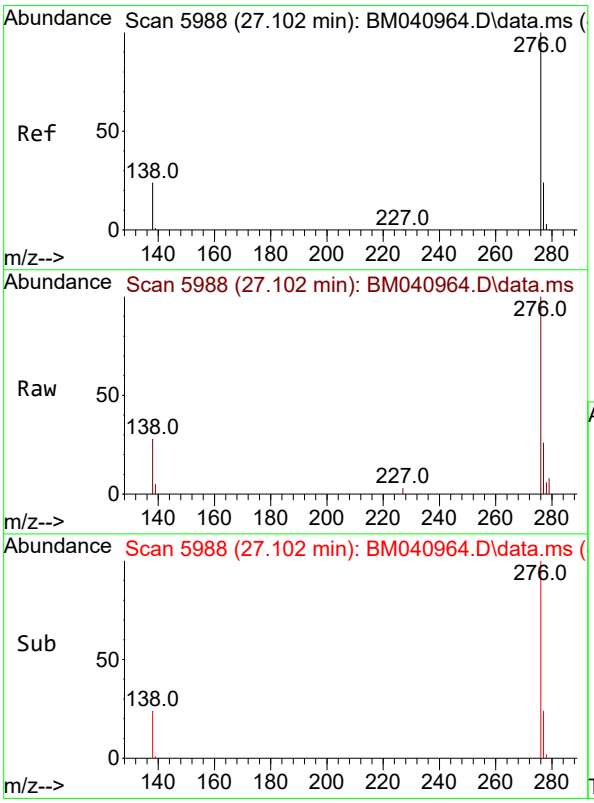
#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.367 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 7476

Ion	Ratio	Lower	Upper
278	100		
139	24.0	19.2	28.8
279	33.8	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.102 min Scan# 5988
Delta R.T. 0.000 min
Lab File: BM040964.D
Acq: 19 Jul 2023 20:14

Tgt Ion:276 Resp: 9301

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	34.0
277	26.5	21.2	31.8