Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040968.D
Acq On : 19 Jul 2023 22:44
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 05:10:18 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 05:08:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	2571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	9579	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	8578	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	6003	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1915	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	5384	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	9930	0.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	1988	0.447	ng/ul	92
5) Naphthalene	10.729	128	10943	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.352	142	6212	0.422	ng/ul	99
8) 1-Methylnaphthalene	12.566	142	6485	0.414	ng/ul	98
10) Acenaphthylene	14.245	152	8713	0.404	ng/ul	100
11) Acenaphthene	14.587	153	7803	0.410	ng/ul	100
12) Fluorene	15.582	166	8056	0.409	ng/ul	100
14) Pentachlorophenol	16.974	266	687	0.356	ng/ul	95
15) Phenanthrene	17.324	178	11800	0.412	ng/ul	100
16) Anthracene	17.421	178	8838	0.396	ng/ul	99
19) Fluoranthene	19.343	202	12681	0.286	ng/ul	99
20) Pyrene	19.705	202	13602	0.301	ng/ul	99
21) Benzo(a)anthracene	21.454	228	10445	0.400	ng/ul	100
22) Chrysene	21.507	228	11818	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	9447	0.410	ng/ul	98
25) Benzo(k)fluoranthene	23.181	252	9113	0.416	ng/ul	98
26) Benzo(a)pyrene	23.760	252	8137	0.409	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.344	276	10799	0.409	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.367	278	8200	0.410	ng/ul	96
29) Benzo(g,h,i)perylene	27.102	276	10042	0.411	ng/ul	99

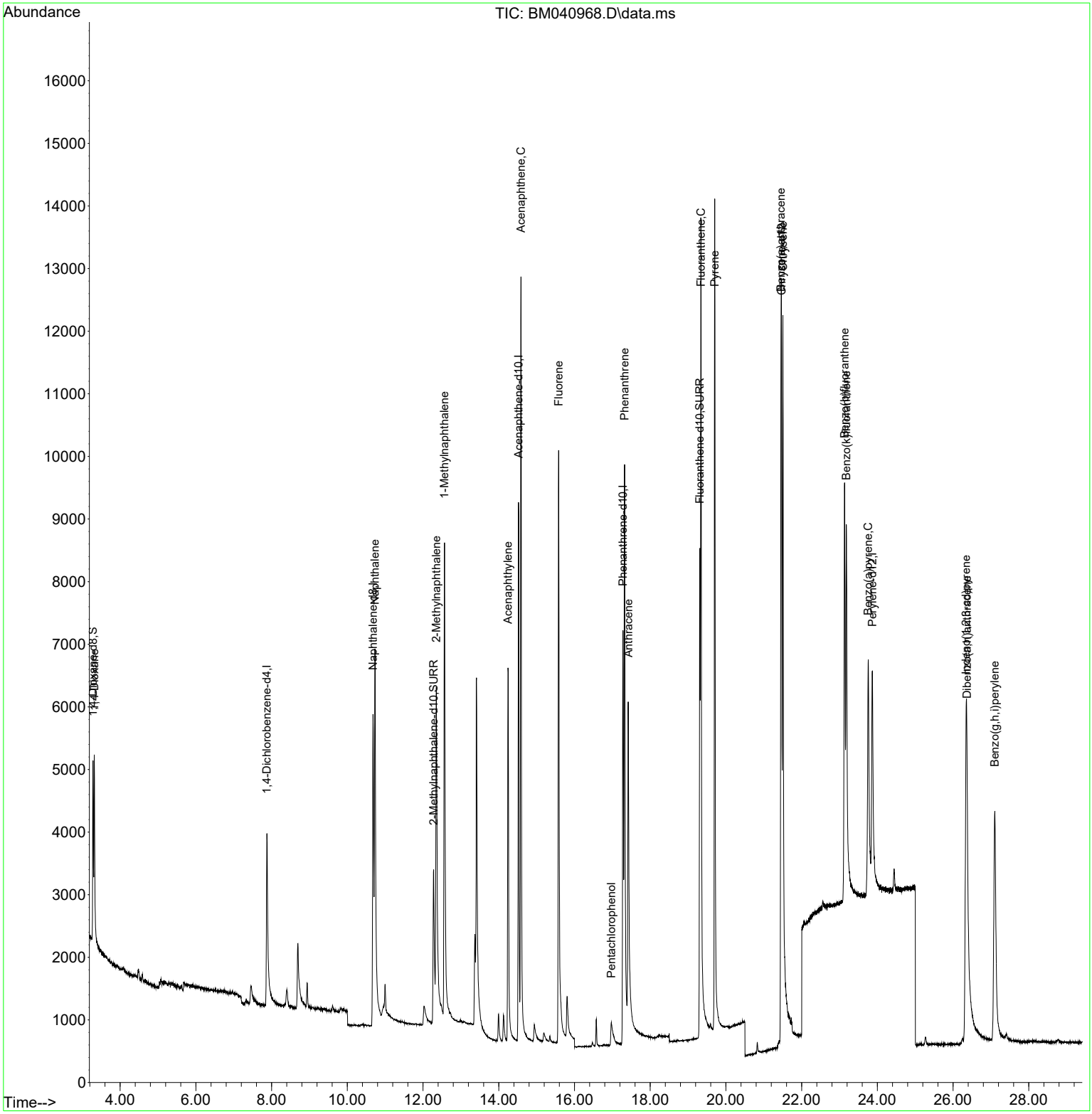
(#) = qualifier out of range (m) = manual integration (+) = signals summed

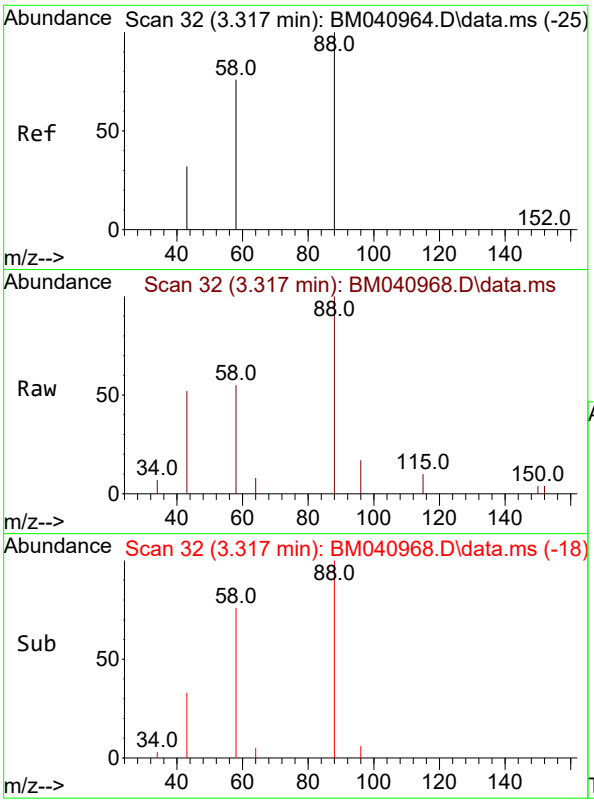
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040968.D
Acq On : 19 Jul 2023 22:44
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 05:10:18 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 05:08:42 2023
Response via : Initial Calibration



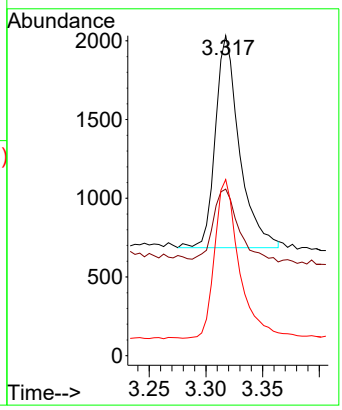


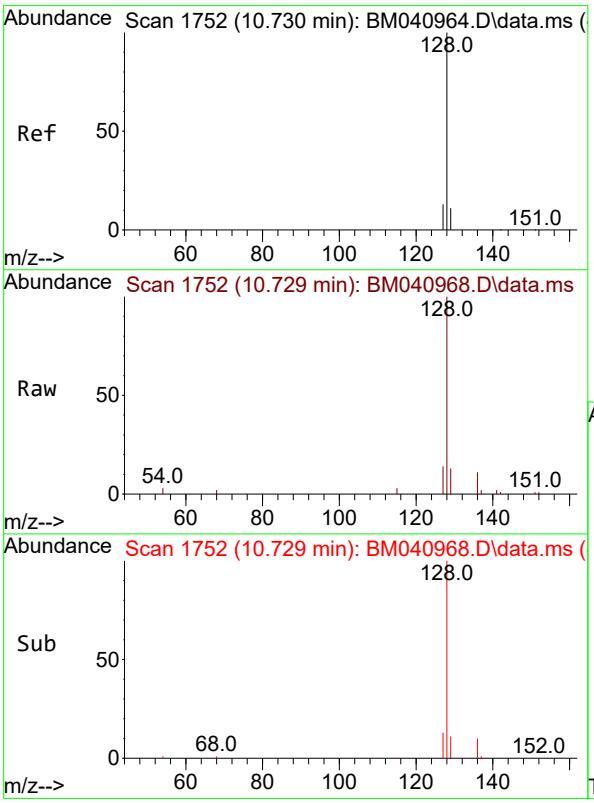
#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.317 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1988

Ion	Ratio	Lower	Upper
88	100		
43	52.0	46.7	70.1
58	55.0	40.3	60.5

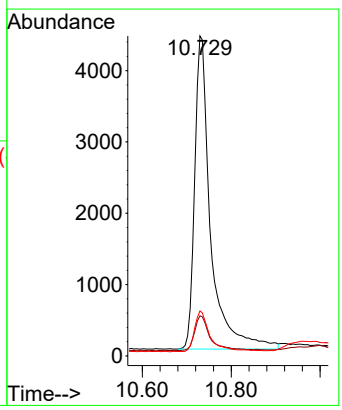


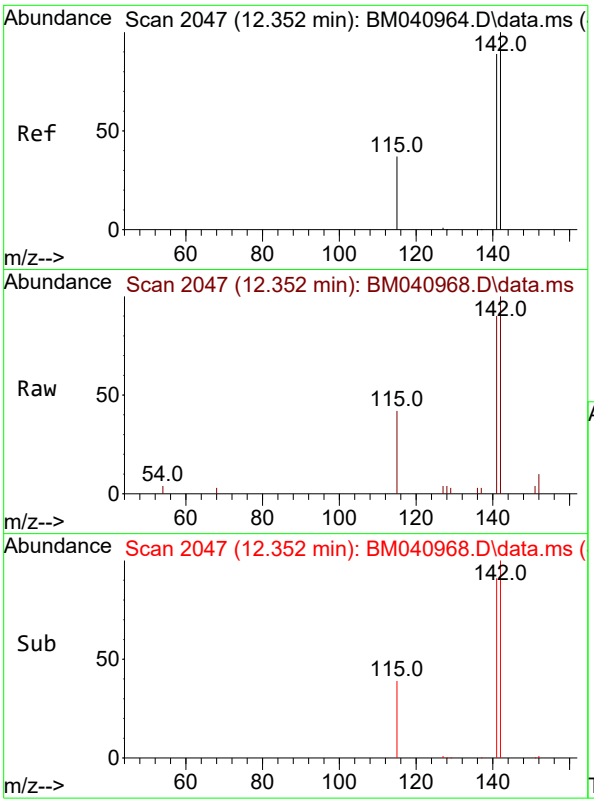


#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.729 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:128 Resp: 10943

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.8
127	14.0	11.0	16.4



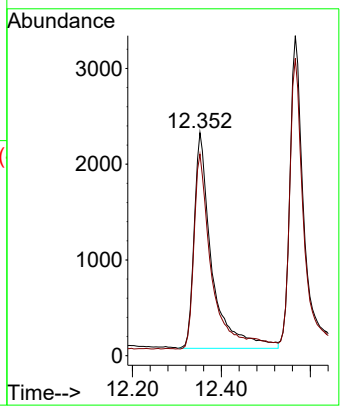


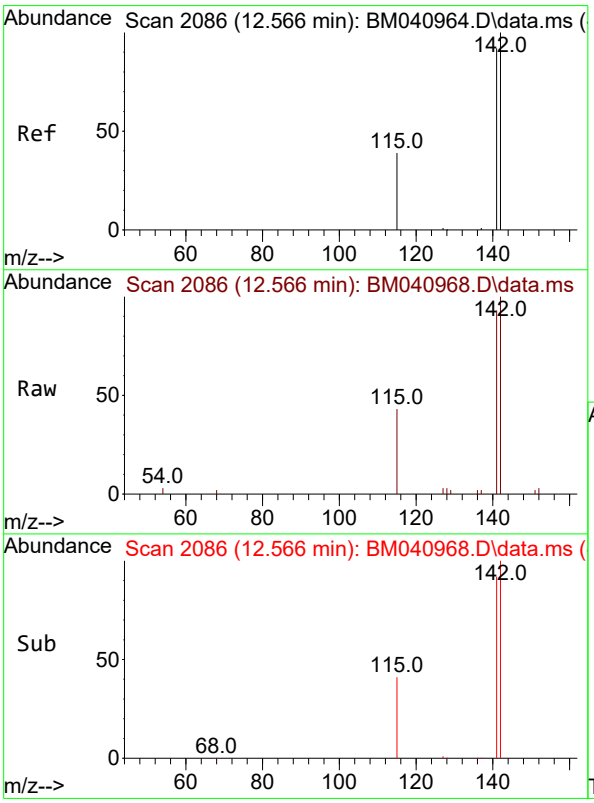
#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.352 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 6212

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8

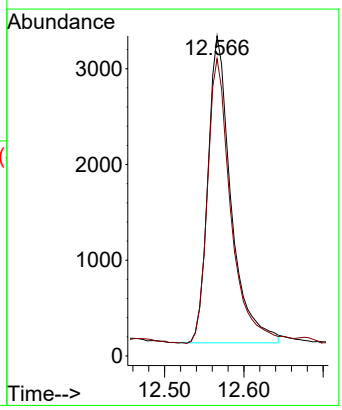


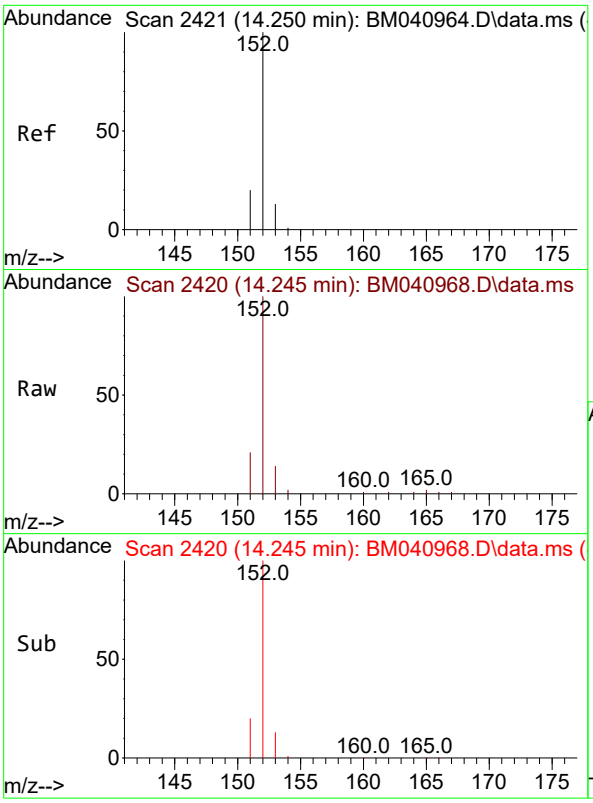


#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:142 Resp: 6485

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.4	110.2



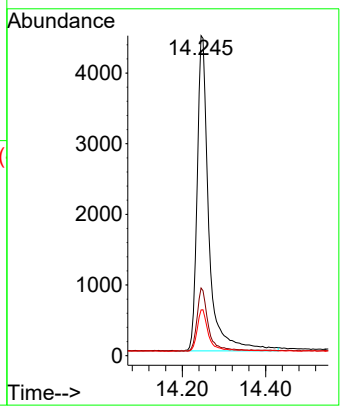


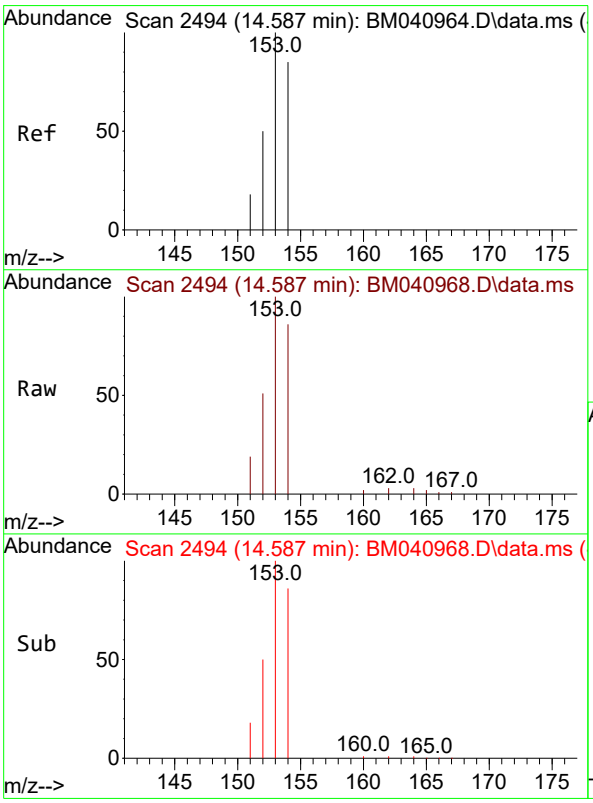
#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.245 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 8713

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.3	11.6	17.4

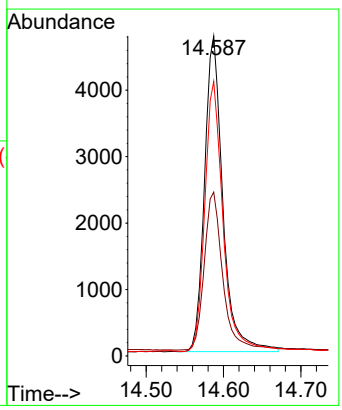


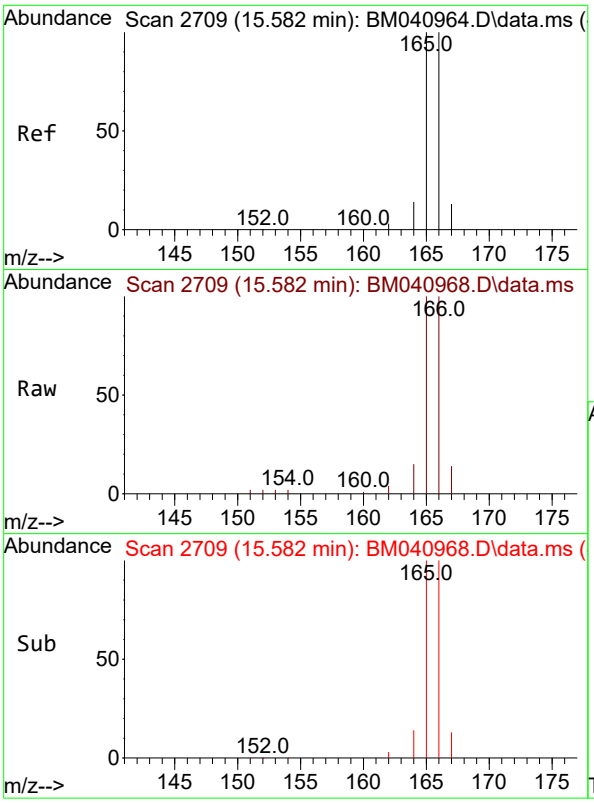


#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:153 Resp: 7803

Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.0	61.6
154	85.8	68.2	102.2



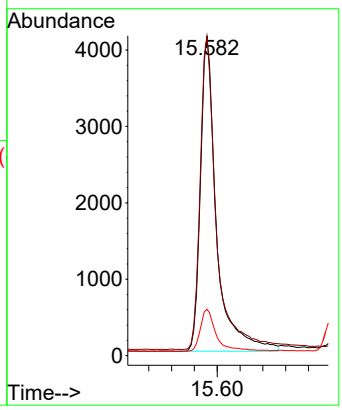


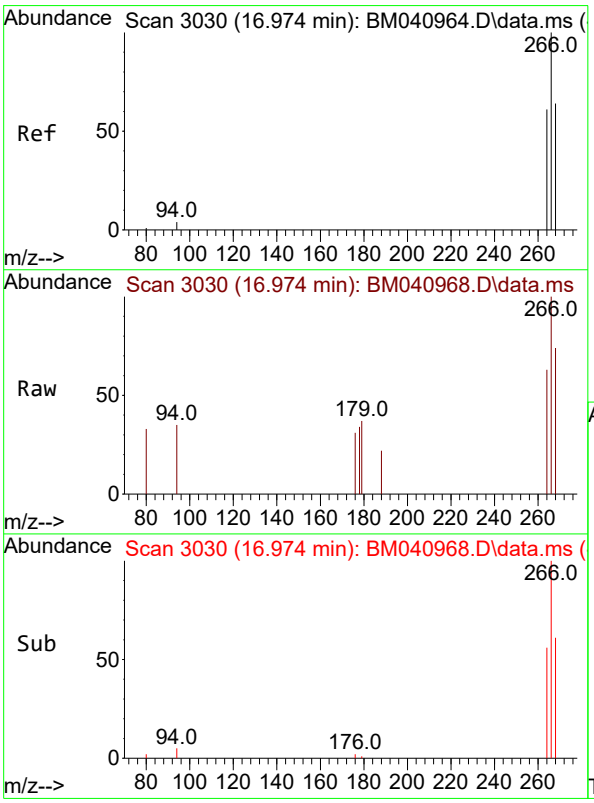
#12
Fluorene
Concen: 0.409 ng/ul
RT: 15.582 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 8056

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	14.5	11.7	17.5

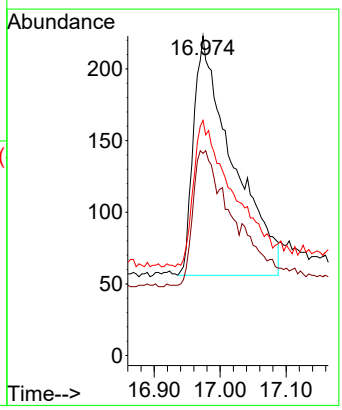


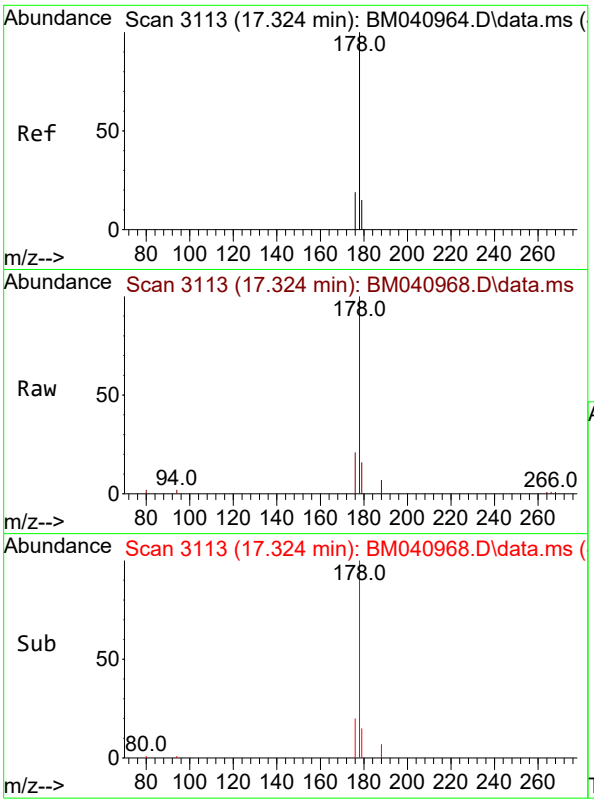


#14
Pentachlorophenol
Concen: 0.356 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:266 Resp: 687

Ion	Ratio	Lower	Upper
266	100		
264	59.1	50.7	76.1
268	62.6	52.8	79.2



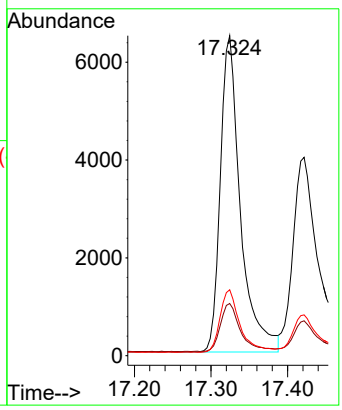


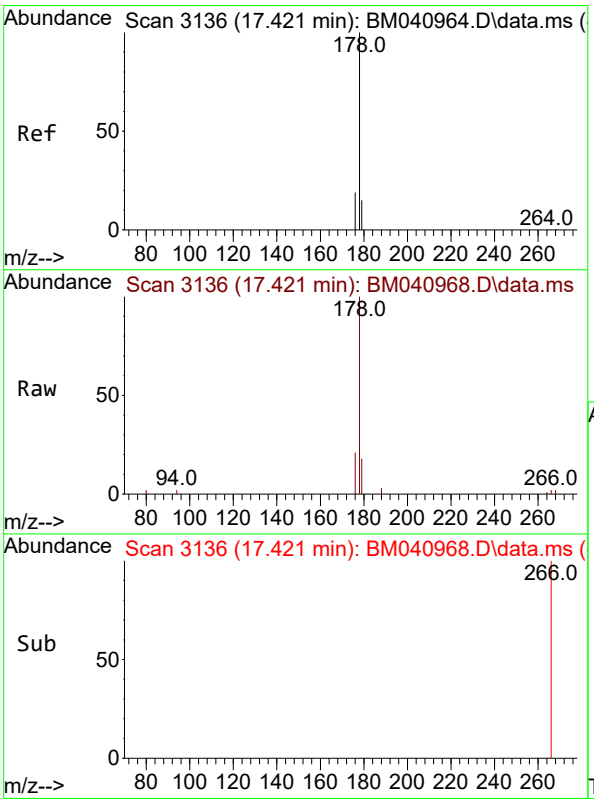
#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.324 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 11800

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	20.6	16.2	24.4

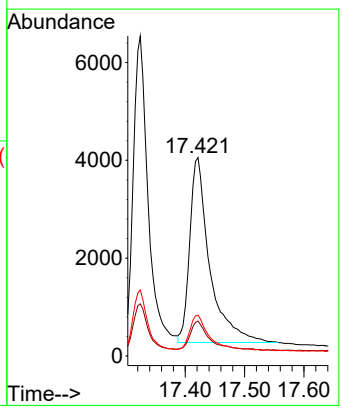


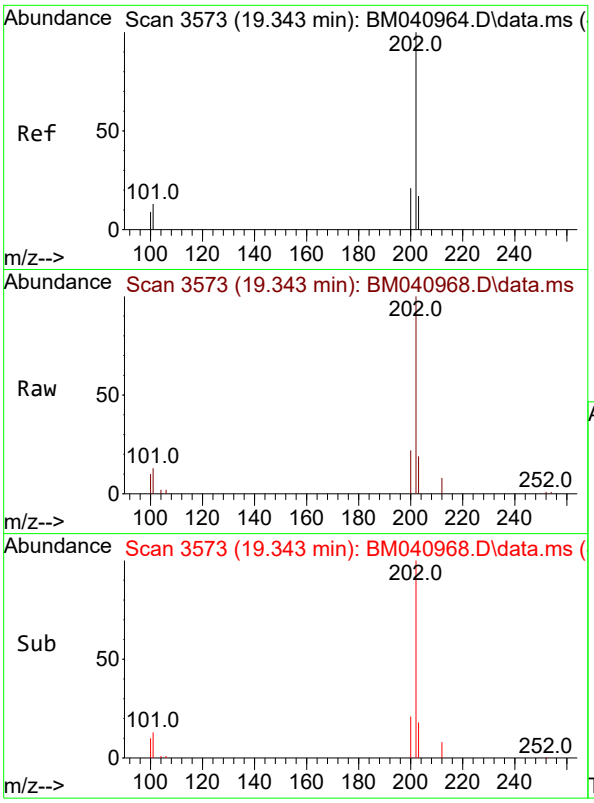


#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:178 Resp: 8838

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.7	20.5
176	20.6	16.4	24.6



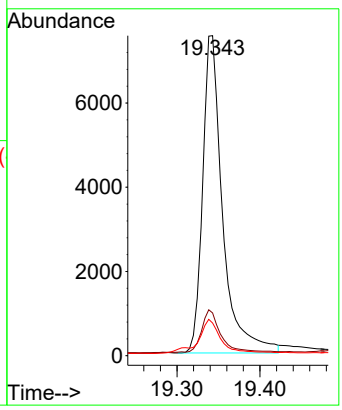


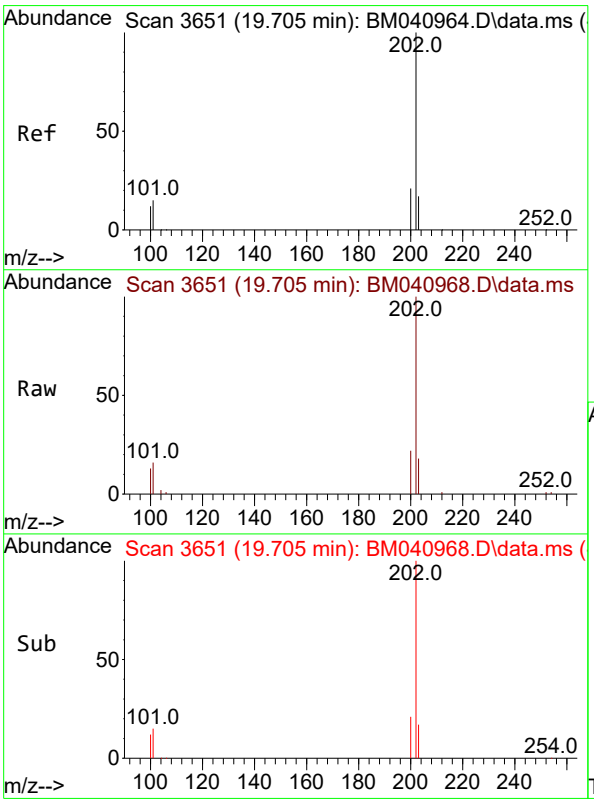
#19
Fluoranthene
Concen: 0.286 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 12681

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	10.2	8.3	12.5

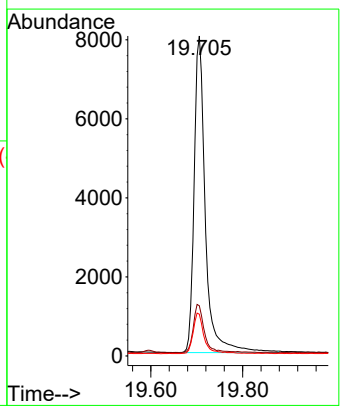


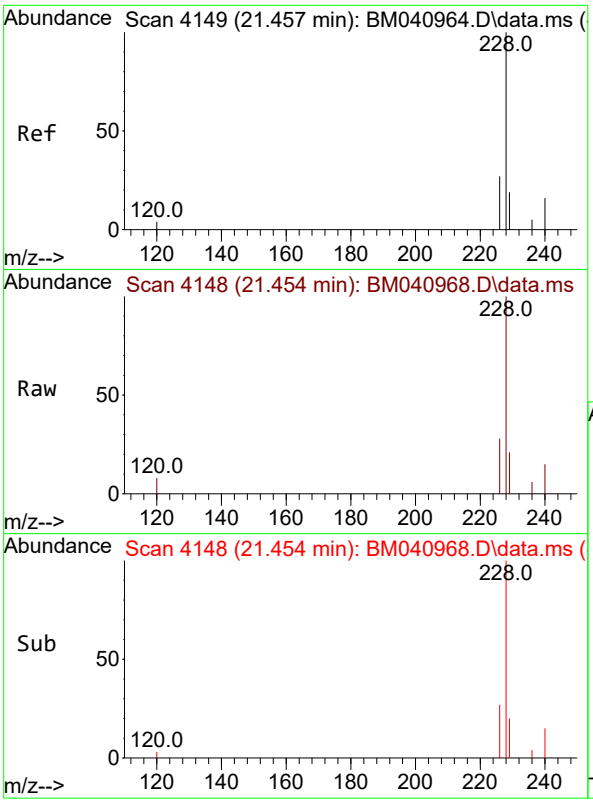


#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:202 Resp: 13602

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.5	18.7
100	13.1	10.0	15.0



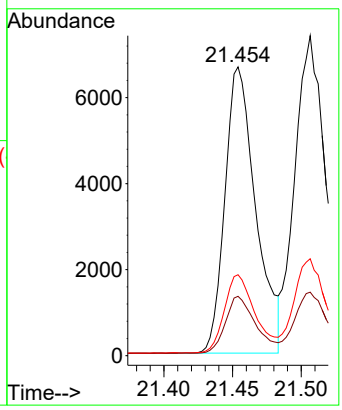


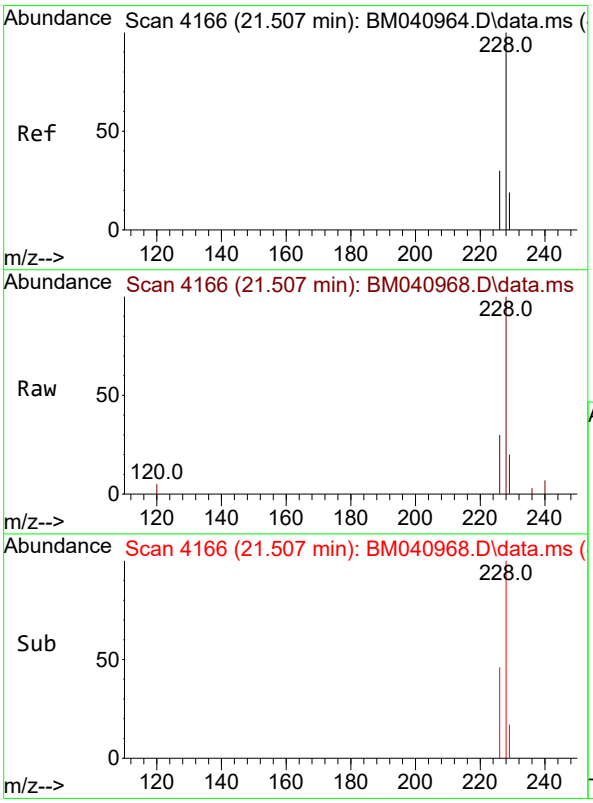
#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.454 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 10445

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	28.1	22.3	33.5

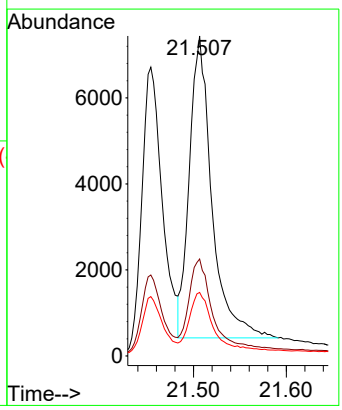


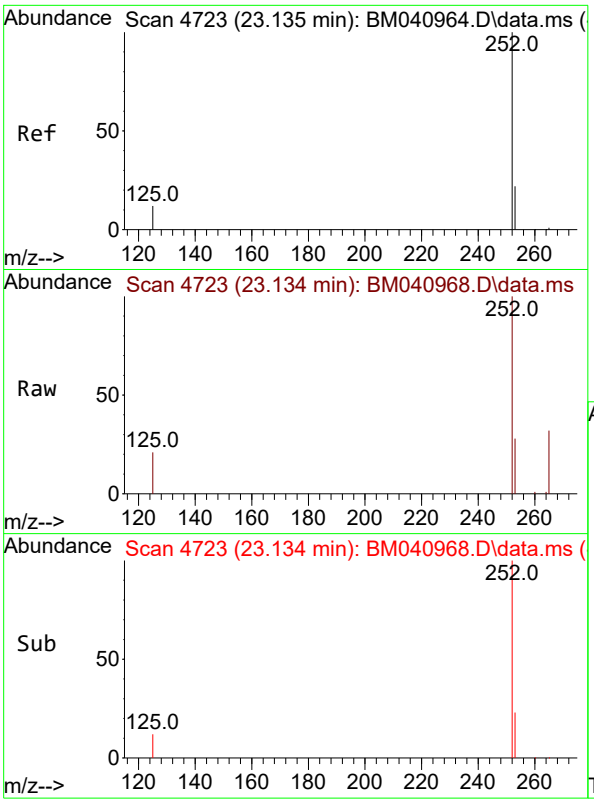


#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:228 Resp: 11818

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.8	16.1	24.1



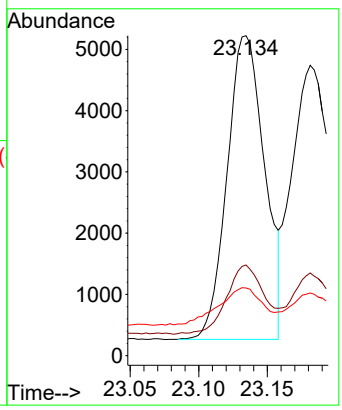


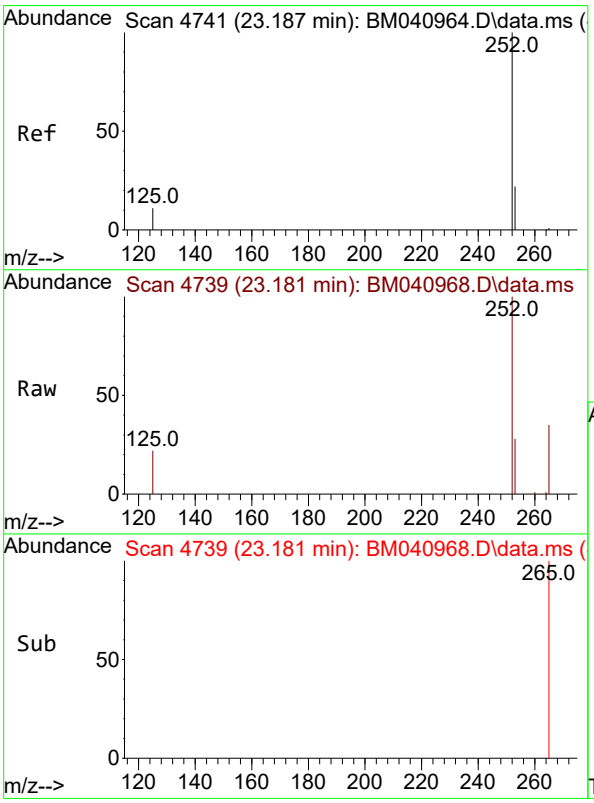
#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.134 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 9447

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	57.4
125	21.2	0.0	45.2

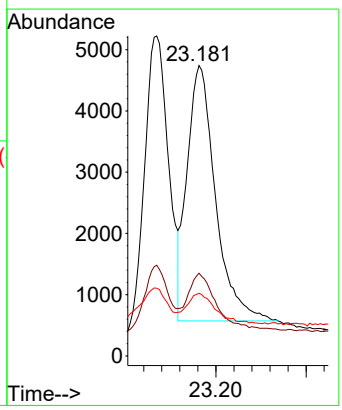


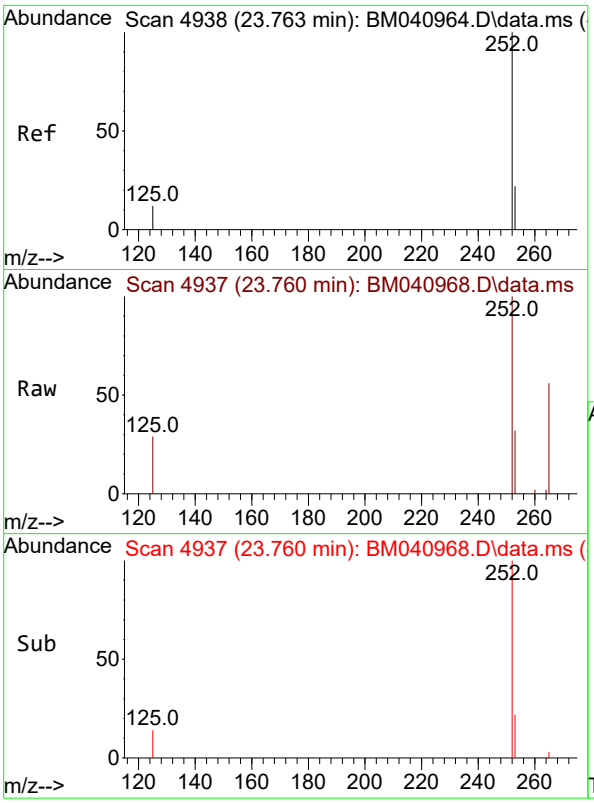


#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:252 Resp: 9113

Ion	Ratio	Lower	Upper
252	100		
253	28.5	23.3	34.9
125	21.6	18.2	27.2



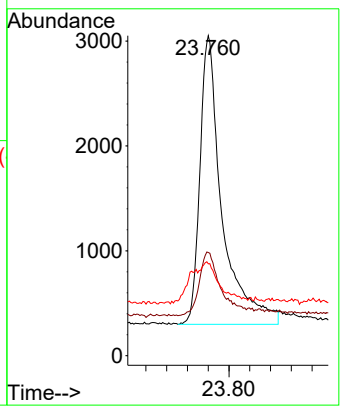


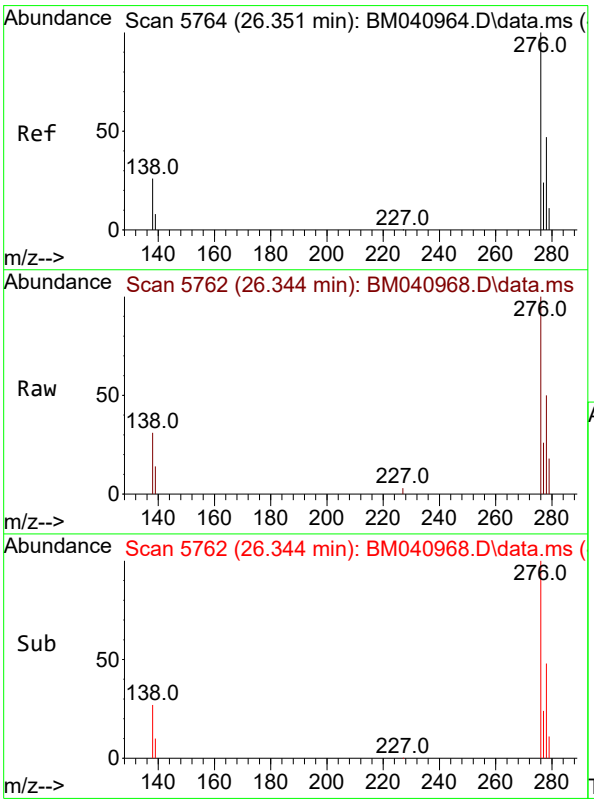
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.760 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 8137

Ion	Ratio	Lower	Upper
252	100		
253	32.2	28.2	42.2
125	28.7	25.2	37.8

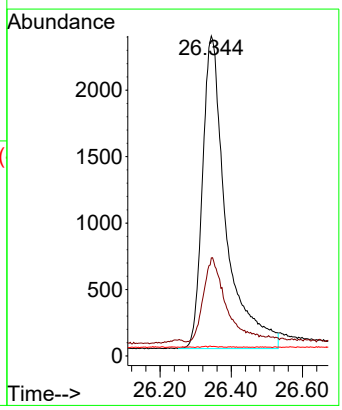


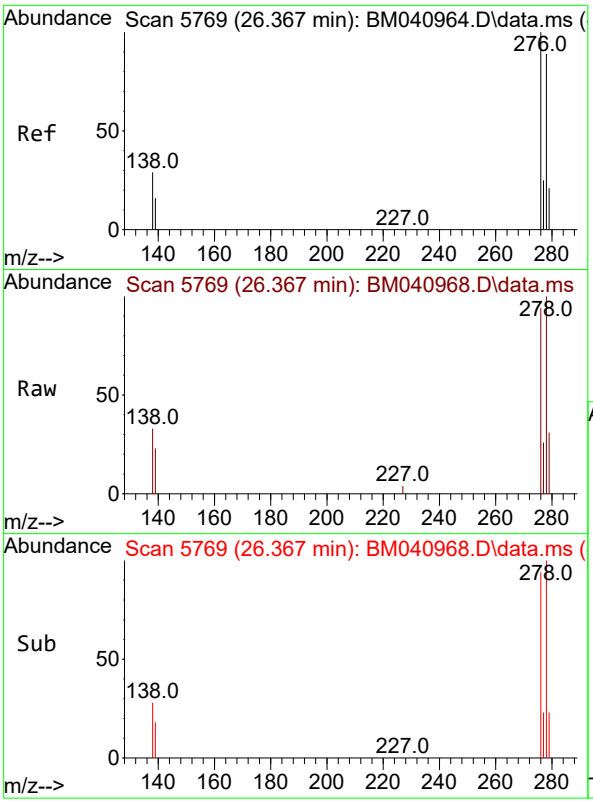


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.344 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:276 Resp: 10799

Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.3	33.5
227	0.1	0.0	0.0#



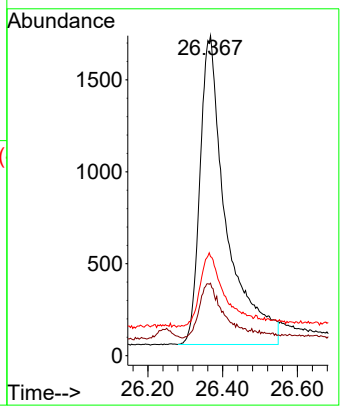


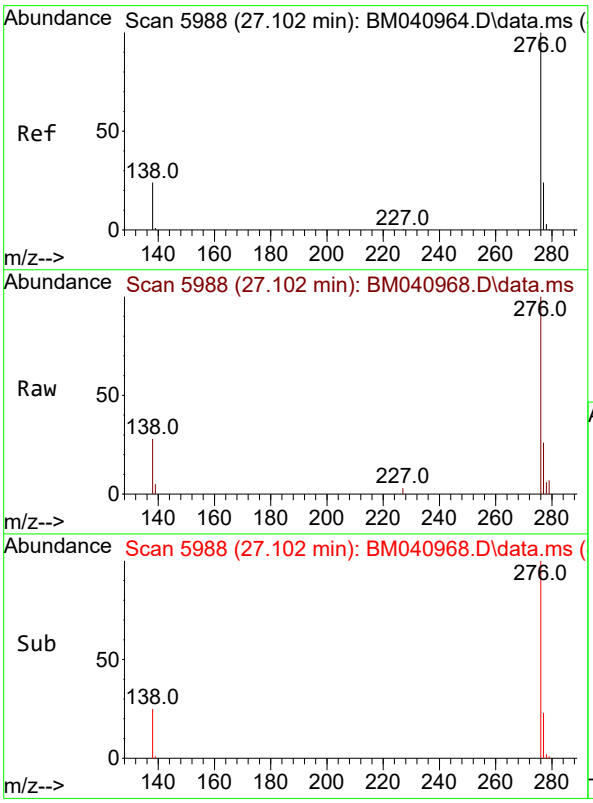
#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.367 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 8200

Ion	Ratio	Lower	Upper
278	100		
139	22.6	19.2	28.8
279	31.0	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.102 min Scan# 5988
Delta R.T. -0.000 min
Lab File: BM040968.D
Acq: 19 Jul 2023 22:44

Tgt Ion:276 Resp: 10042

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.6	34.0
277	25.8	21.2	31.8