Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040257.D
Acq On : 15 Jun 2023 13:43
Operator : MA/JU
Sample : 03088-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Quant Time: Jun 15 23:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	9327	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	34082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	32231	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	21240	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	19727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	2123	0.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4916	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	8039	0.152	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.388	88	5227	0.432	ng/ul#	65
5) Naphthalene	10.833	128	12075	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.439	142	7762	0.155	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	7285	0.139	ng/ul	99
10) Acenaphthylene	14.327	152	10346	0.175	ng/ul	96
11) Acenaphthene	14.670	153	7715	0.152	ng/ul	99
12) Fluorene	15.655	166	8092	0.143	ng/ul	97
14) Pentachlorophenol	17.003	266	1093	0.166	ng/ul	99
15) Phenanthrene	17.391	178	53836	0.635	ng/ul	100
16) Anthracene	17.484	178	15453	0.215	ng/ul	98
19) Fluoranthene	19.403	202	189577	2.620	ng/ul	99
20) Pyrene	19.765	202	129156	1.718	ng/ul	99
21) Benzo(a)anthracene	21.509	228	89741	1.431	ng/ul	99
22) Chrysene	21.562	228	97808	1.477	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	145242	1.997	ng/ul	97
26) Benzo(a)pyrene	23.842	252	64971	1.089	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.464	276	61224	0.811	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.481	278	23165	0.382	ng/ul#	91
29) Benzo(g,h,i)perylene	27.242	276	56163	0.890	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
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BNA_M
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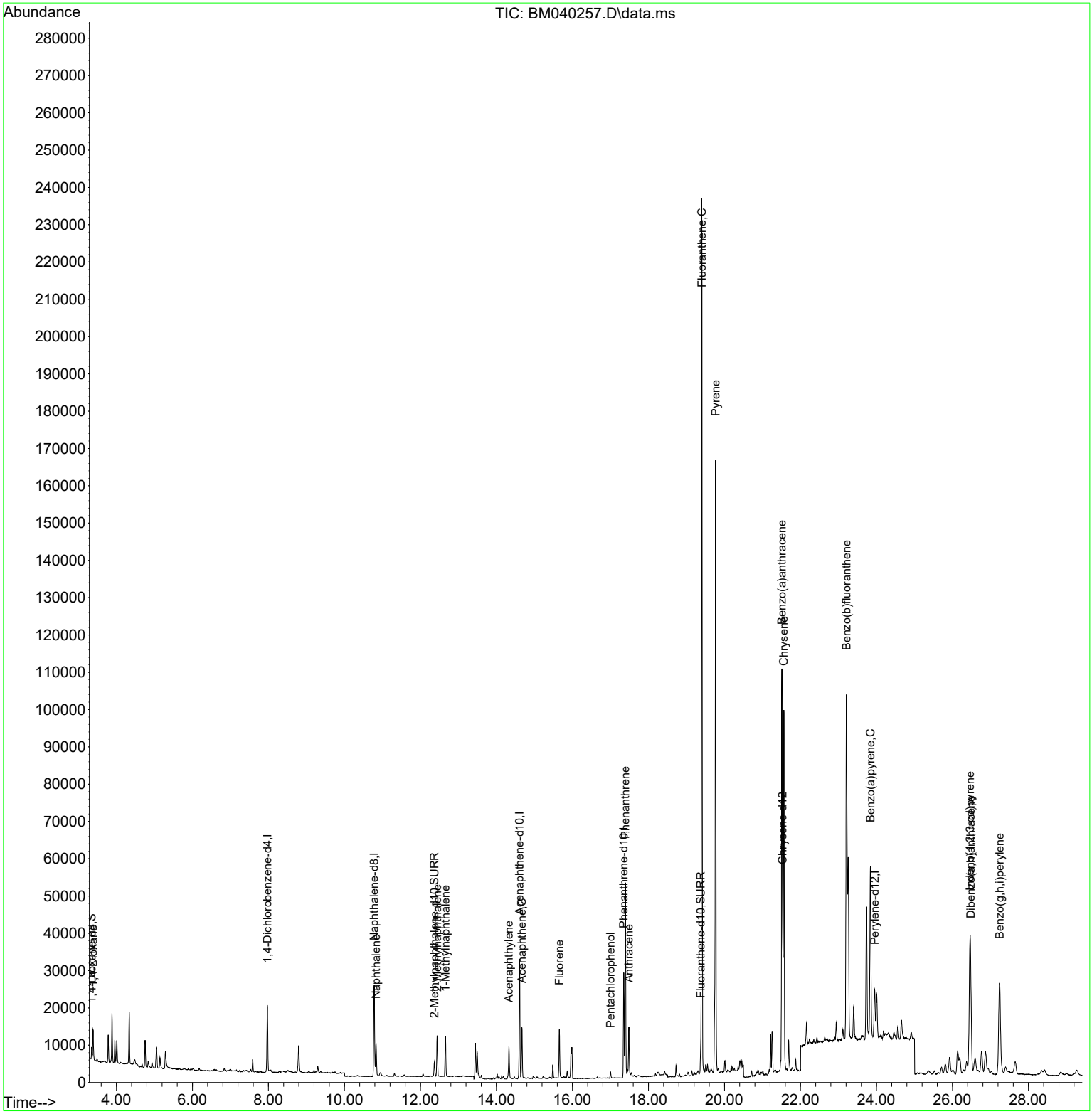
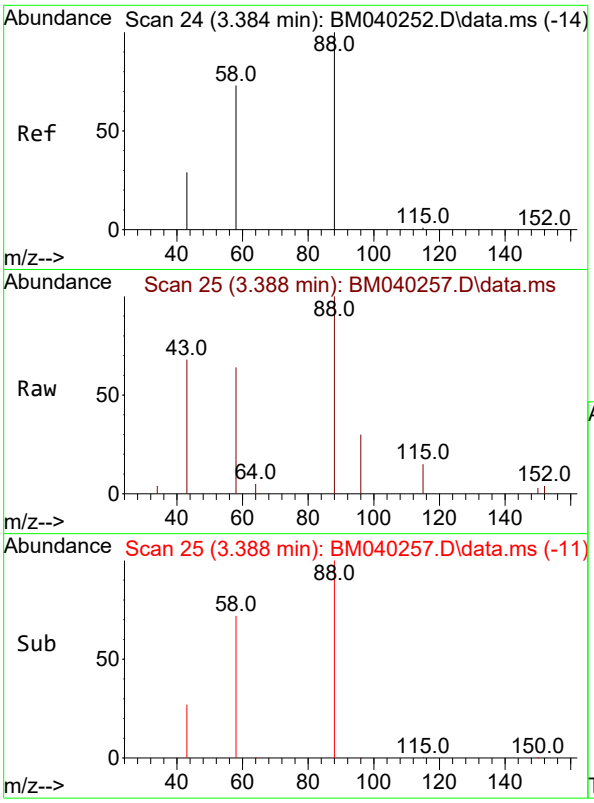
Quant Time: Jun 15 23:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration



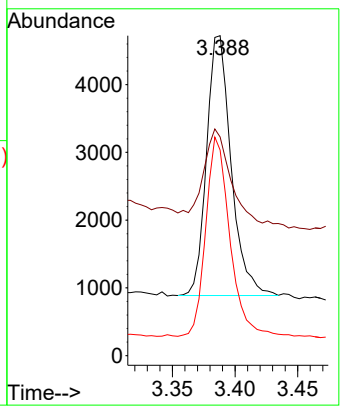


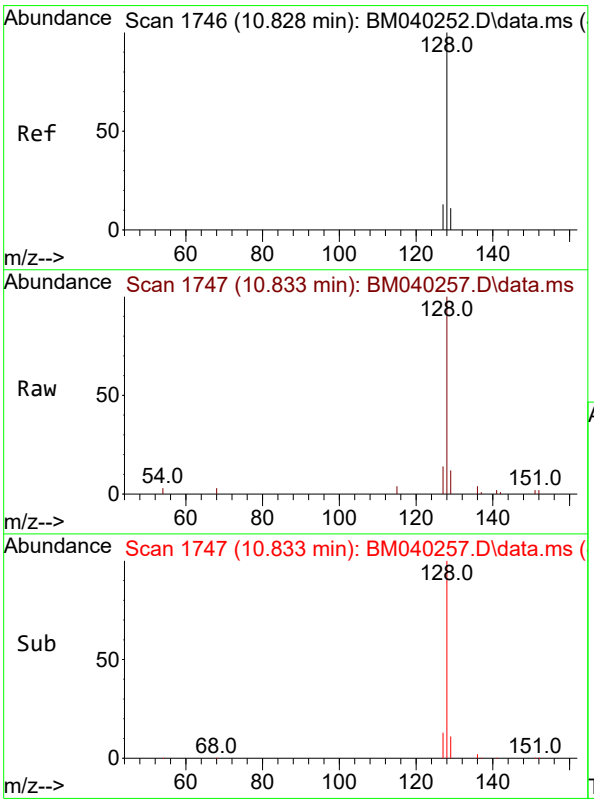
#2
1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion: 88 Resp: 5227

Ion	Ratio	Lower	Upper
88	100		
43	68.4	30.3	45.5#
58	64.2	38.8	58.2#

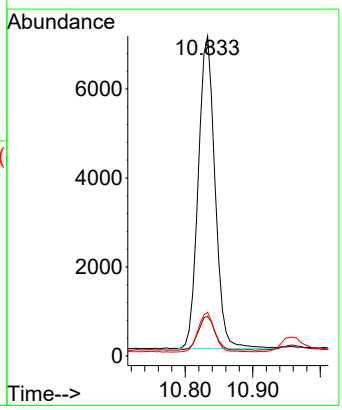


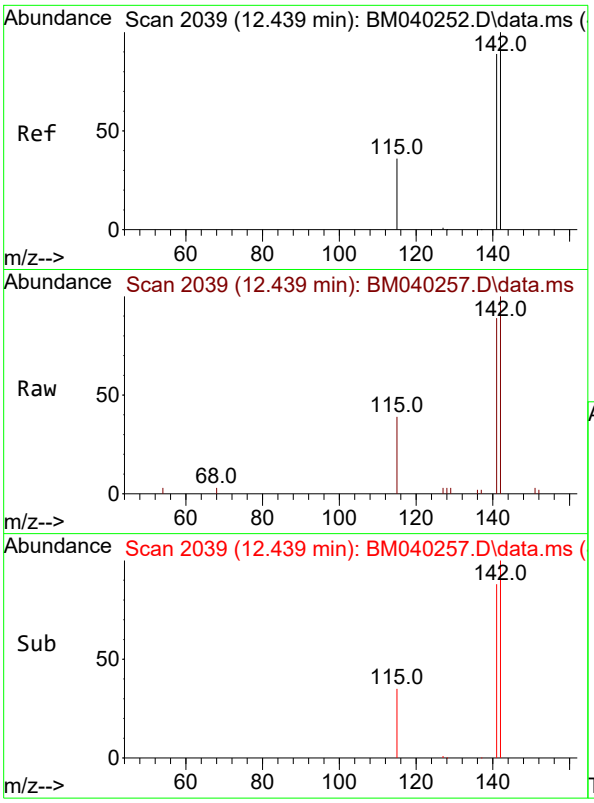


#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:128 Resp: 12075

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.7	10.4	15.6



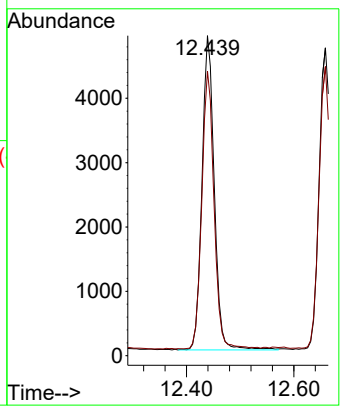


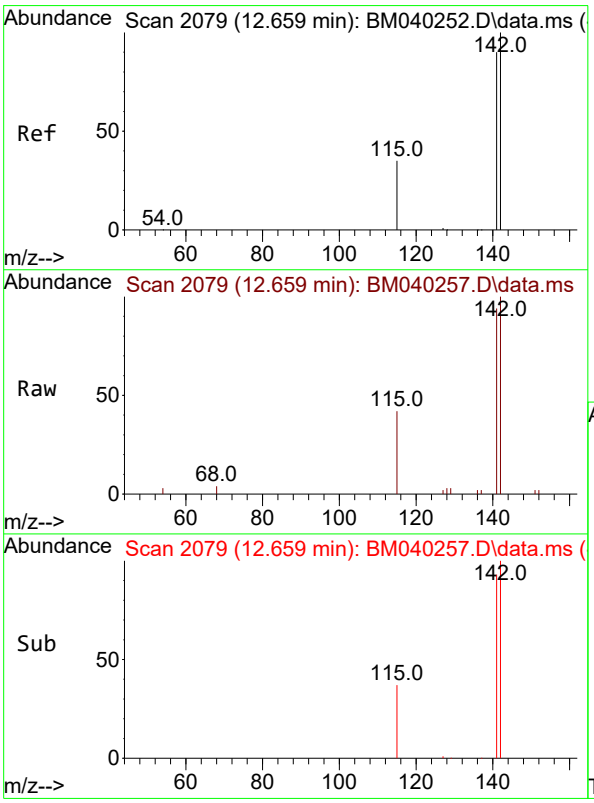
#7
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.439 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:142 Resp: 7762

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0

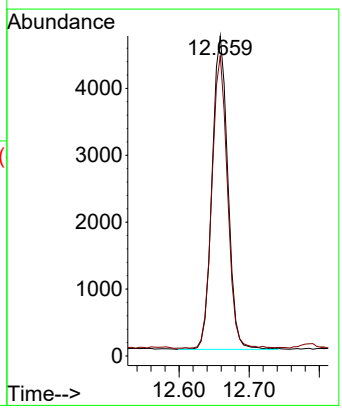


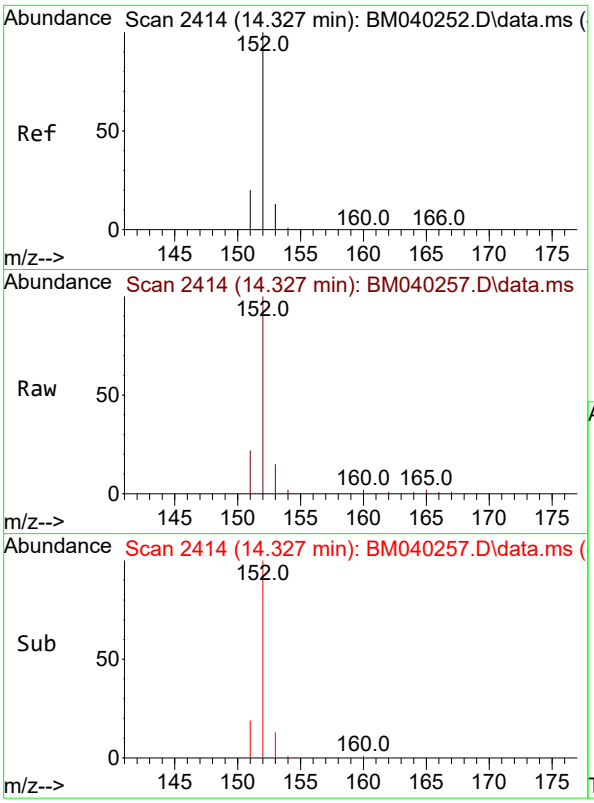


#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:142 Resp: 7285

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4



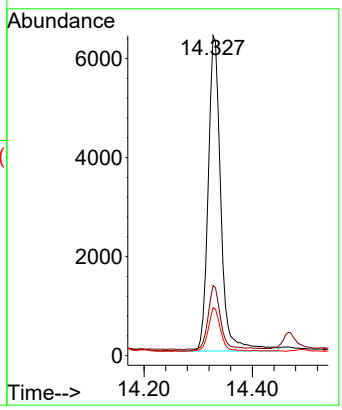


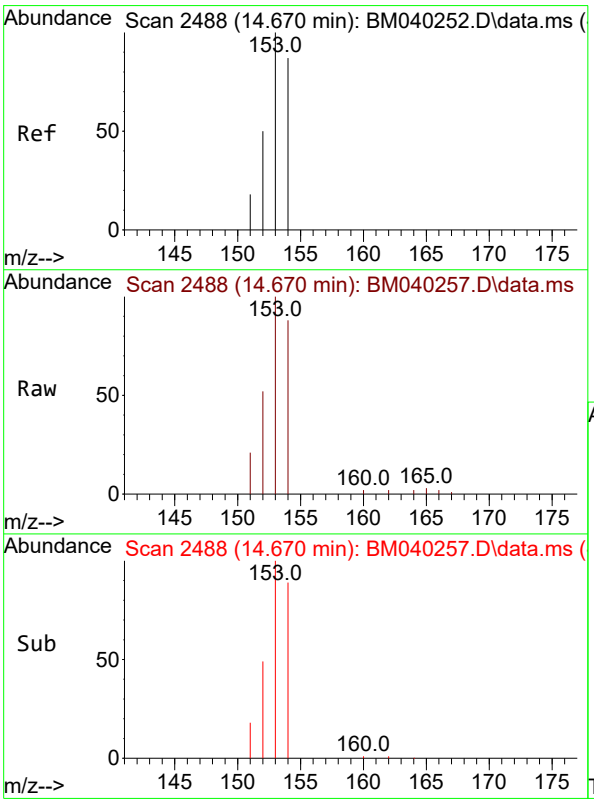
#10
Acenaphthylene
Concen: 0.175 ng/ul
RT: 14.327 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:152 Resp: 10346

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	15.0	10.7	16.1

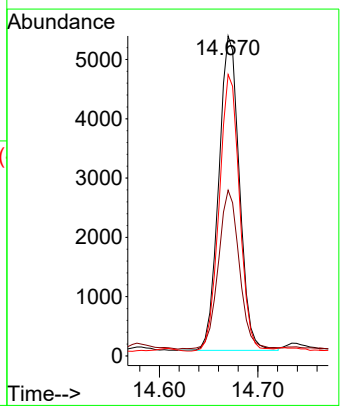


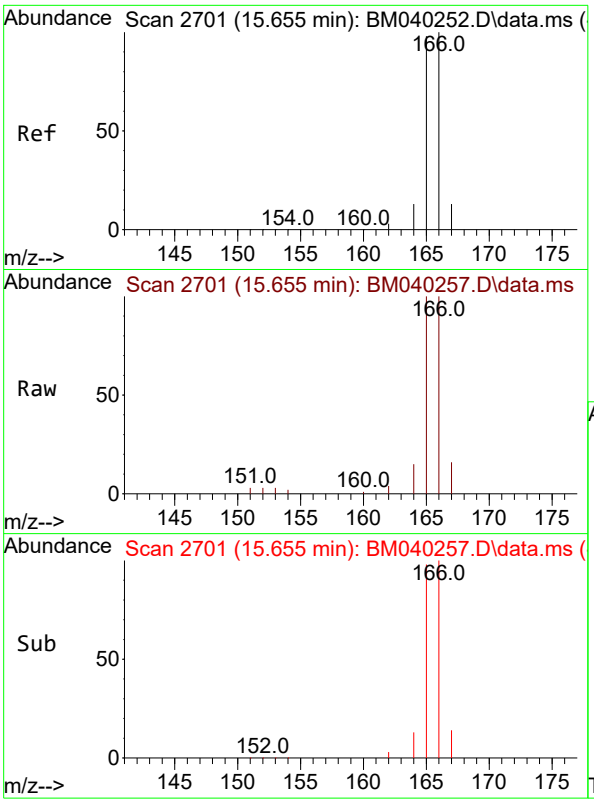


#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:153 Resp: 7715

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.3	60.5
154	88.0	70.5	105.7



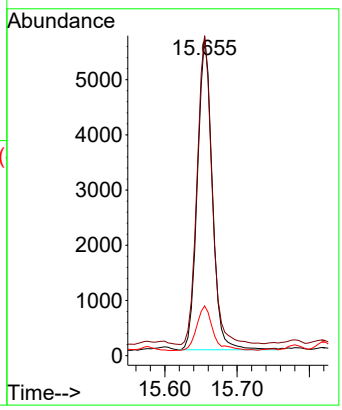


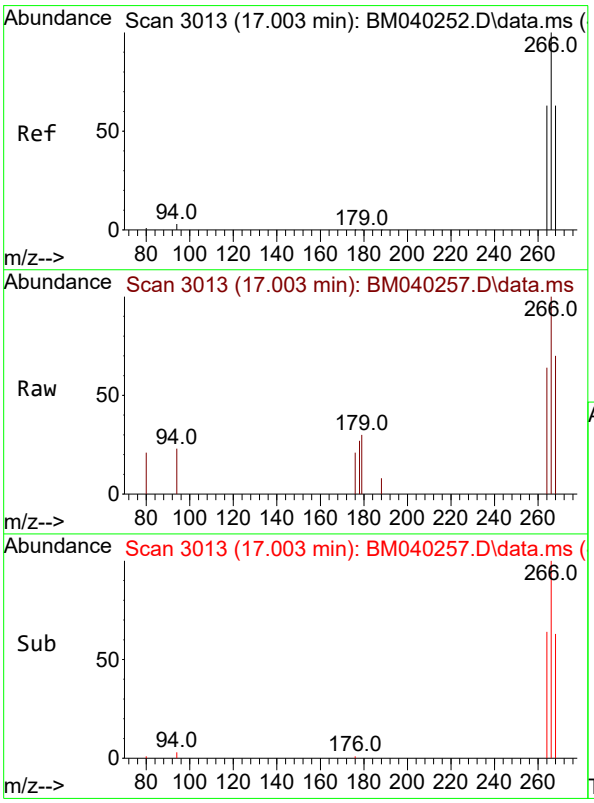
#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.655 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:166 Resp: 8092

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.2	117.4
167	15.6	11.0	16.4

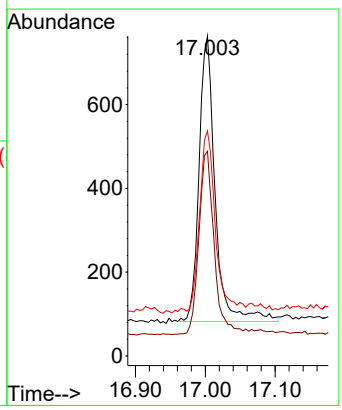


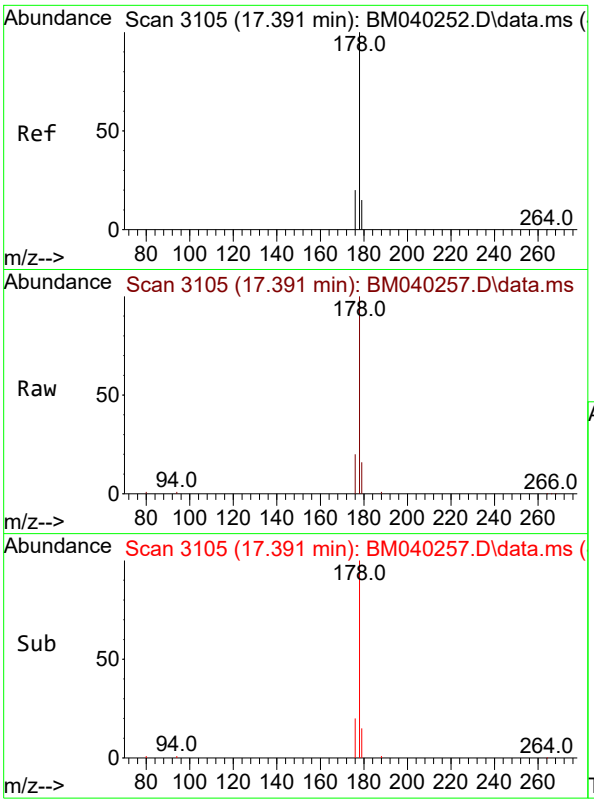


#14
Pentachlorophenol
Concen: 0.166 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:266 Resp: 1093

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.4	74.0
268	63.7	51.3	76.9



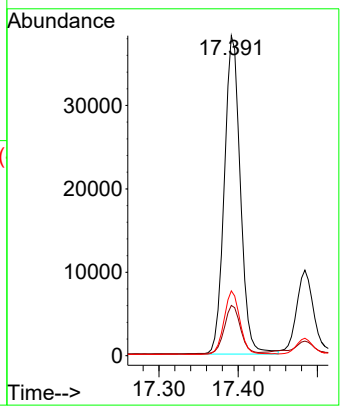


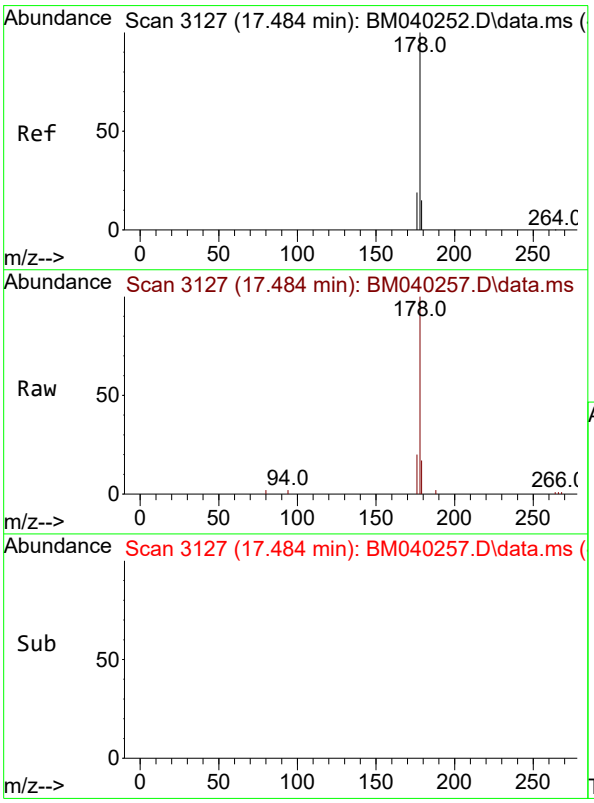
#15
Phenanthrene
Concen: 0.635 ng/ul
RT: 17.391 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:178 Resp: 53836

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.2	16.1	24.1

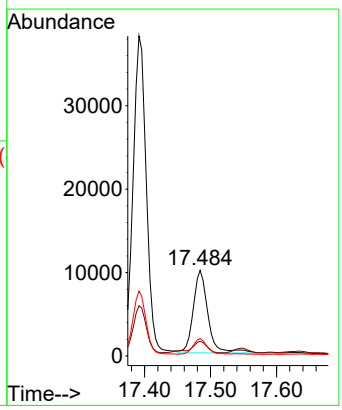


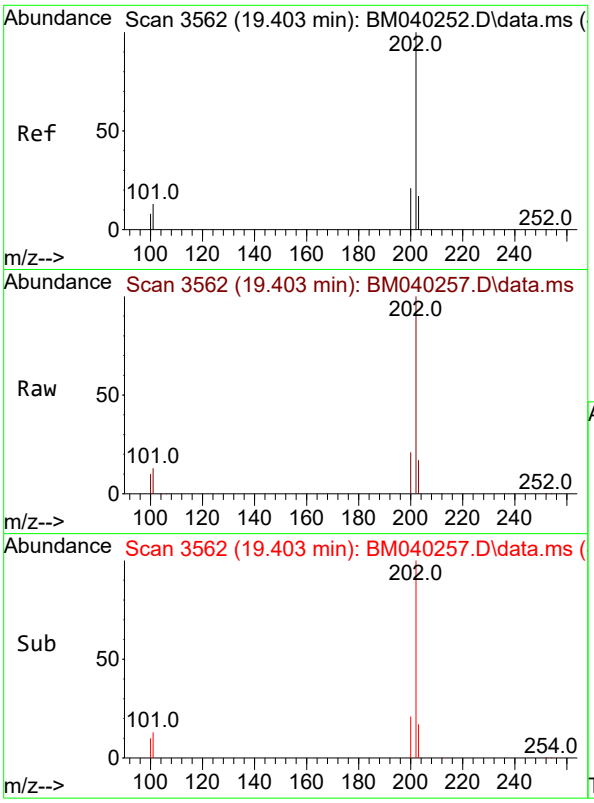


#16
Anthracene
Concen: 0.215 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:178 Resp: 15453

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.4
176	20.3	15.5	23.3



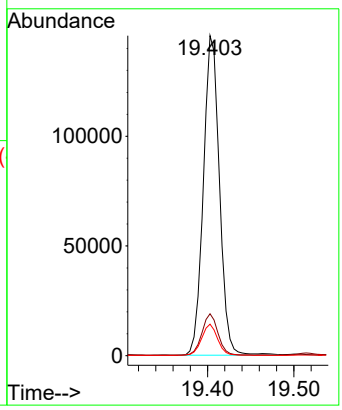


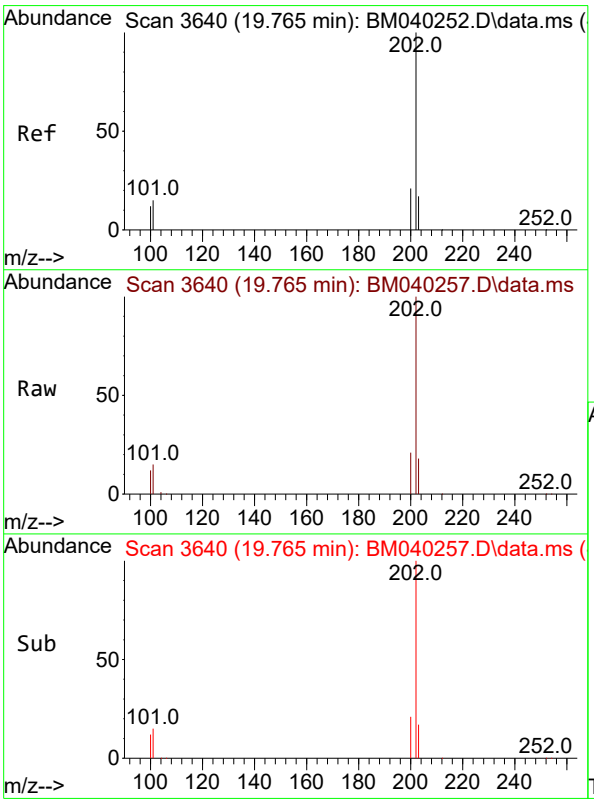
#19
Fluoranthene
Concen: 2.620 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:202 Resp: 189577

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.4
100	9.8	7.6	11.4

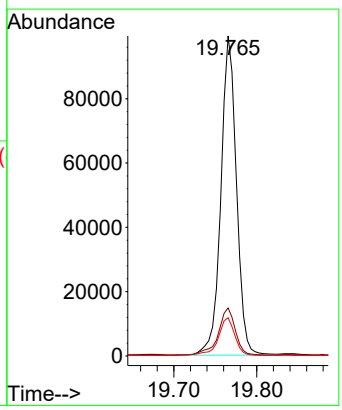


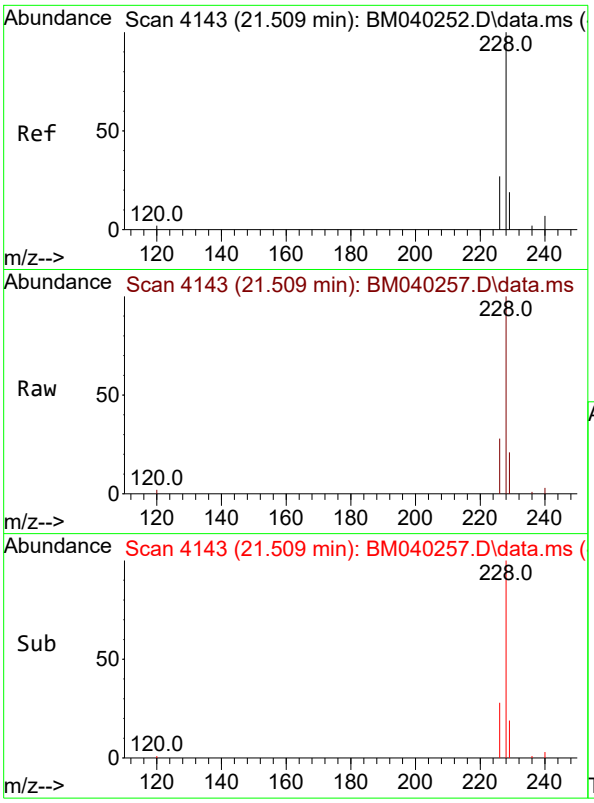


#20
Pyrene
Concen: 1.718 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:202 Resp: 129156

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.8
100	12.0	9.3	13.9



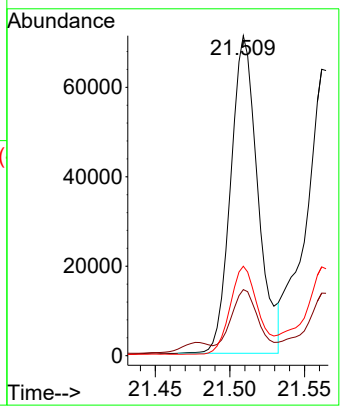


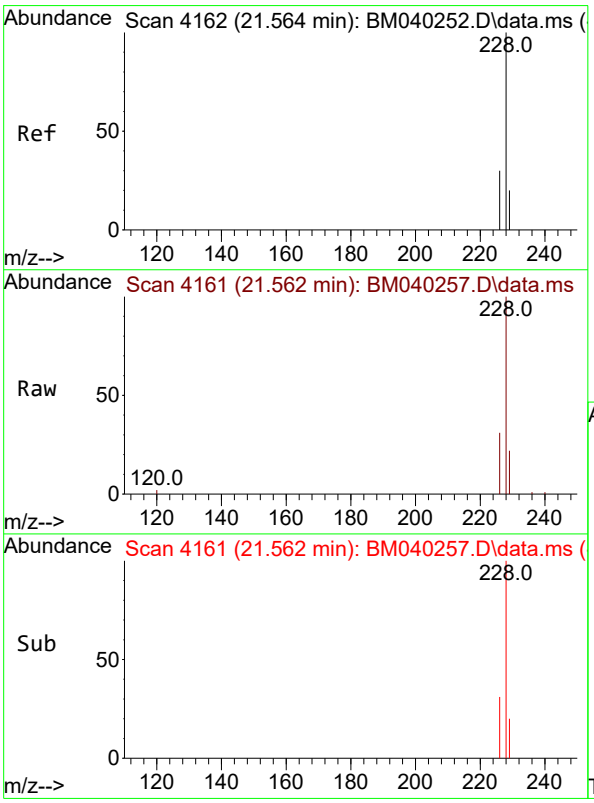
#21
Benzo(a)anthracene
Concen: 1.431 ng/ul
RT: 21.509 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:228 Resp: 89741

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.0	22.0	33.0

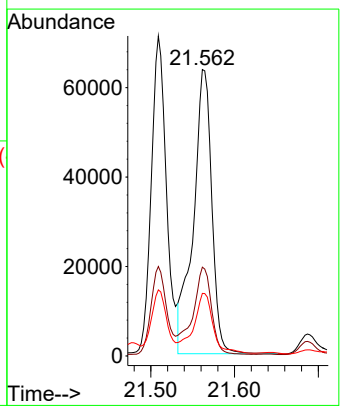


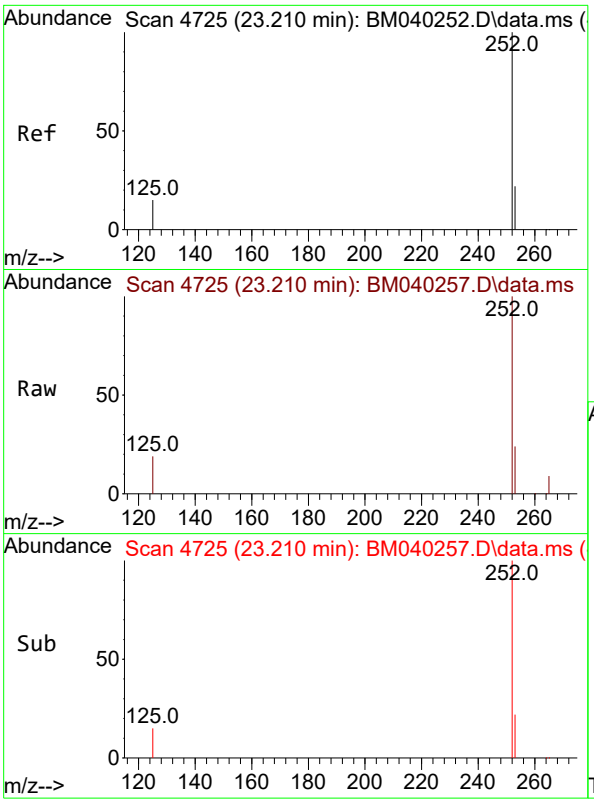


#22
Chrysene
Concen: 1.477 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:228 Resp: 97808

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	21.8	15.7	23.5



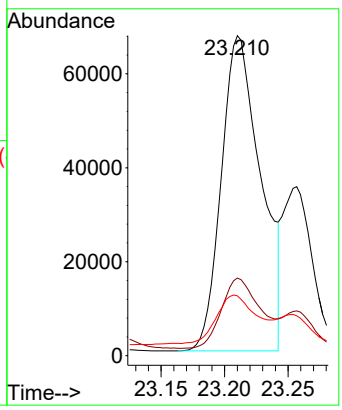


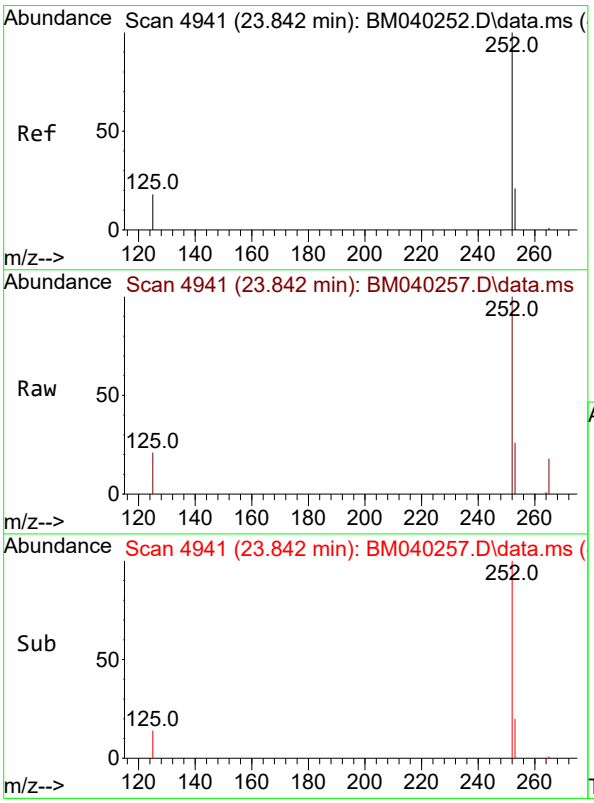
#24
Benzo(b)fluoranthene
Concen: 1.997 ng/ul
RT: 23.210 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:252 Resp: 145242

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	52.4
125	18.7	0.0	38.4

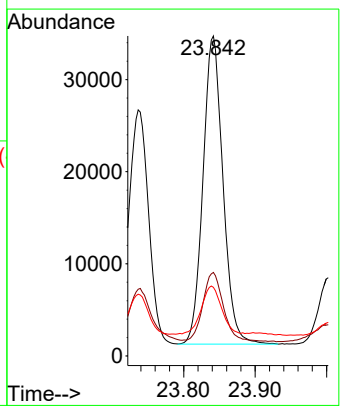


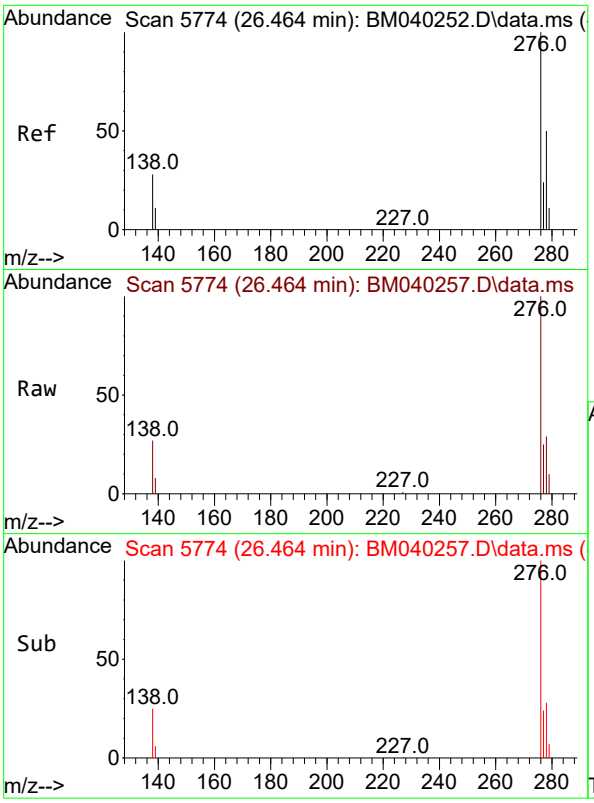


#26
Benzo(a)pyrene
Concen: 1.089 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:252 Resp: 64971

Ion	Ratio	Lower	Upper
252	100		
253	26.1	23.4	35.0
125	21.5	19.7	29.5



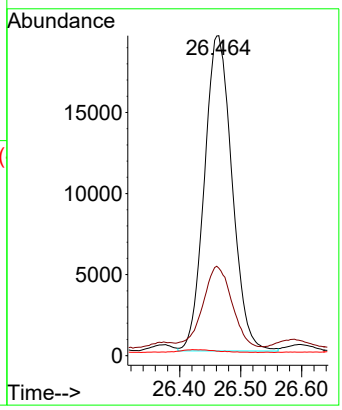


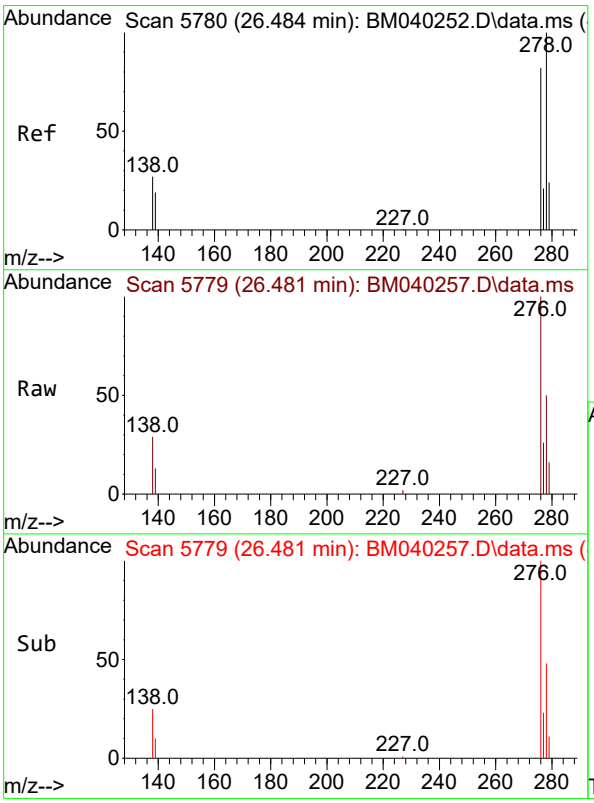
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng/ul
RT: 26.464 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:276 Resp: 61224

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.3	34.9
227	0.0	0.1	0.1#

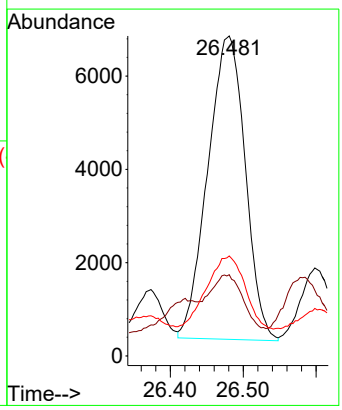


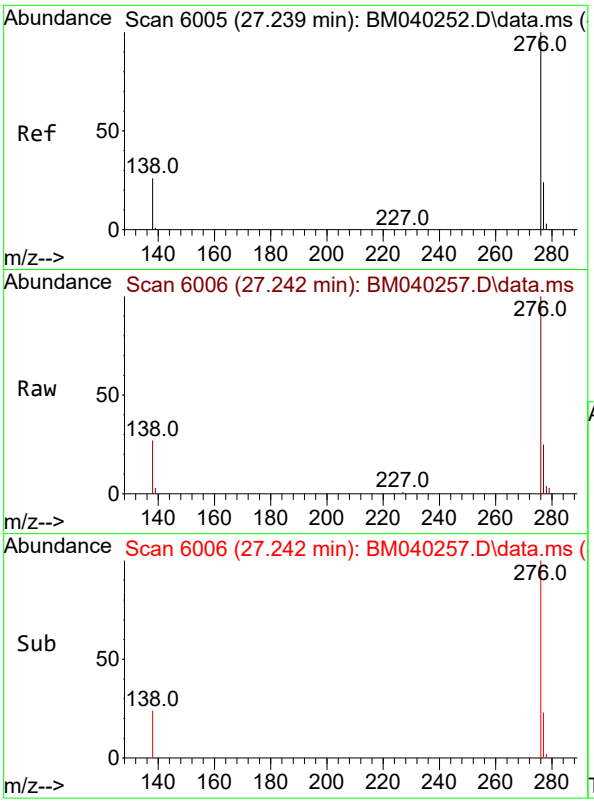


#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.481 min Scan# 5779
Delta R.T. -0.017 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Tgt Ion:278 Resp: 23165

Ion	Ratio	Lower	Upper
278	100		
139	25.4	16.4	24.6#
279	31.2	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.890 ng/ul
RT: 27.242 min Scan# 6
Delta R.T. -0.013 min
Lab File: BM040257.D
Acq: 15 Jun 2023 13:43

Instrument :
BNA_M
ClientSampleId :
DCFQ9MS

Tgt Ion:276 Resp: 56163

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.0	31.4
277	24.7	19.6	29.4