Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041088.D
Acq On : 24 Jul 2023 23:12
Operator : MA/JU
Sample : 03534-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4723

Quant Time: Jul 25 00:31:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	3313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	10930	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.495	164	5359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	11509	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	10548	0.400	ng/ul	0.00
23) Perylene-d12	23.831	264	13143	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	19689	3.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	4013	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	8054	0.281	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.686	128	1093	0.031	ng/ul#	76
10) Acenaphthylene	14.213	152	1103	0.049	ng/ul#	80
11) Acenaphthene	14.555	153	560	0.029	ng/ul	93
12) Fluorene	15.545	166	744	0.036	ng/ul#	96
15) Phenanthrene	17.291	178	9687	0.273	ng/ul	99
16) Anthracene	17.384	178	2517	0.088	ng/ul#	87
19) Fluoranthene	19.315	202	16936	0.448	ng/ul	99
20) Pyrene	19.678	202	16306	0.391	ng/ul	99
21) Benzo(a)anthracene	21.434	228	8960	0.254	ng/ul	95
22) Chrysene	21.486	228	8566	0.210	ng/ul	96
24) Benzo(b)fluoranthene	23.105	252	11745	0.224	ng/ul	88
26) Benzo(a)pyrene	23.719	252	8092	0.191	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.297	276	6405	0.102	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.307	278	1607	0.033	ng/ul#	23
29) Benzo(g,h,i)perylene	27.052	276	6569	0.117	ng/ul	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041088.D
Acq On : 24 Jul 2023 23:12
Operator : MA/JU
Sample : 03534-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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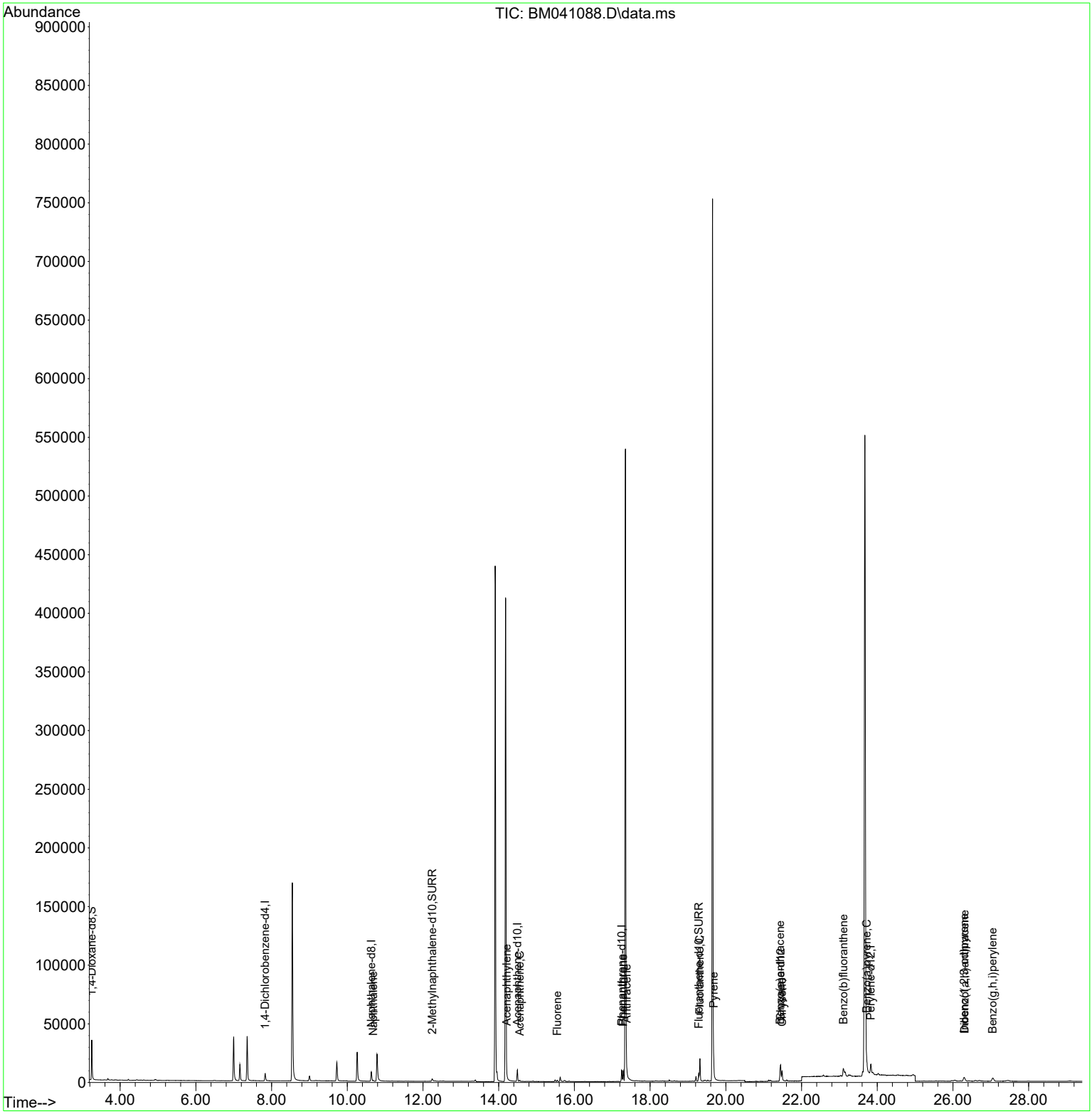
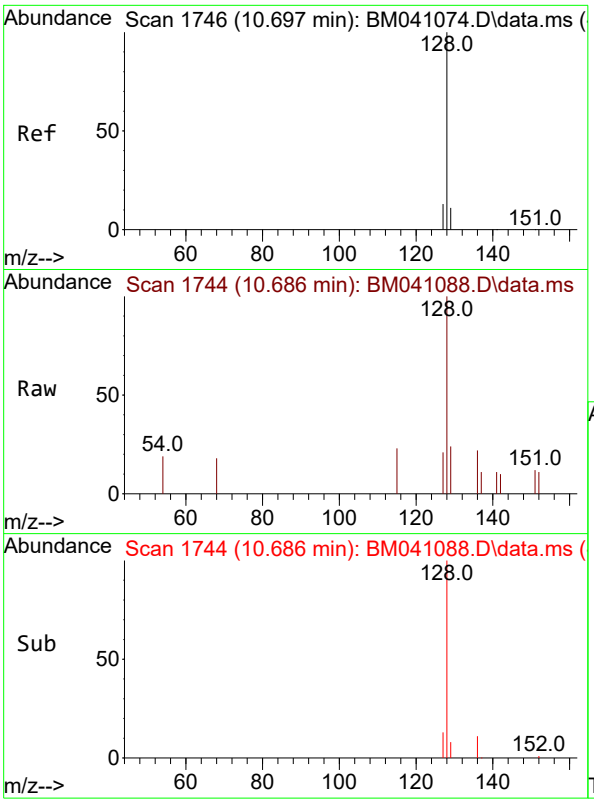
Quant Time: Jul 25 00:31:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration



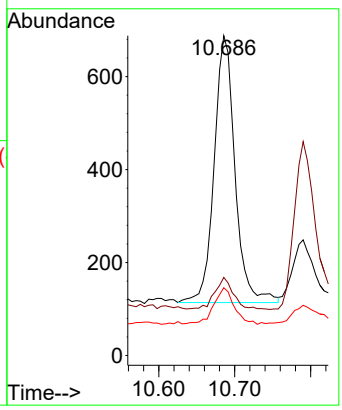


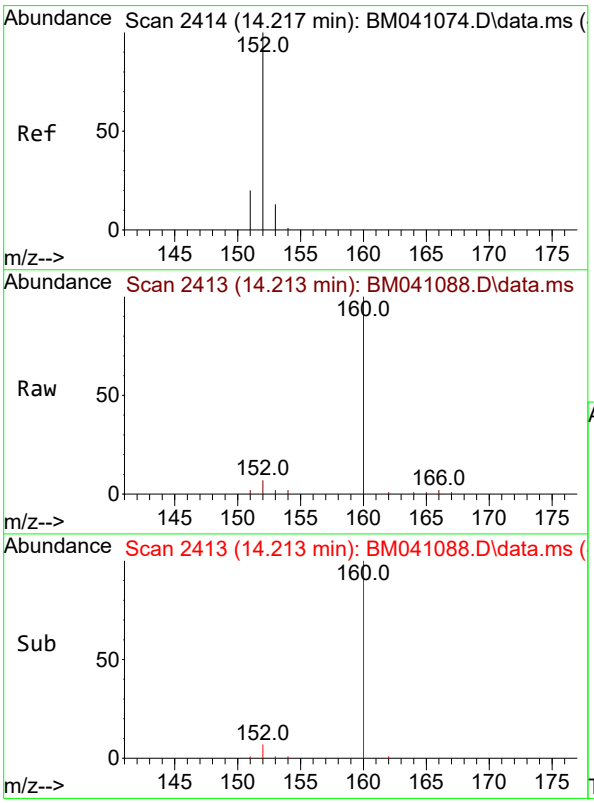
#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.686 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:128 Resp: 1093

Ion	Ratio	Lower	Upper
128	100		
129	24.4	9.8	14.8#
127	21.2	11.1	16.7#

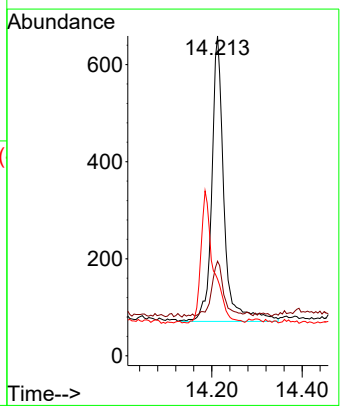


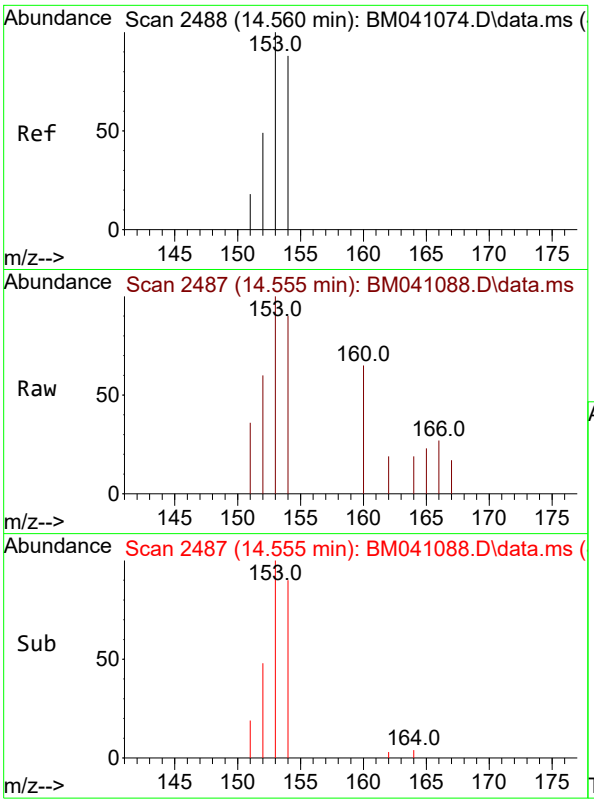


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:152 Resp: 1103

Ion	Ratio	Lower	Upper
152	100		
151	29.6	16.8	25.2#
153	24.0	11.4	17.2#



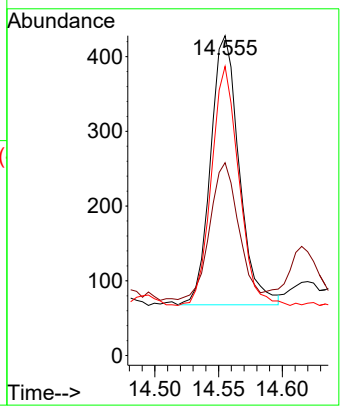


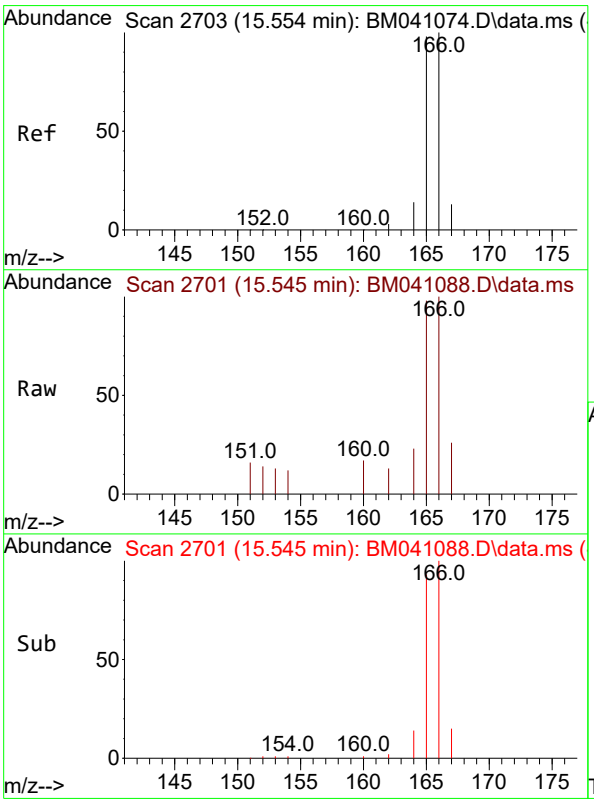
#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.555 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:153 Resp: 560

Ion	Ratio	Lower	Upper
153	100		
152	60.3	40.2	60.4
154	90.4	70.3	105.5

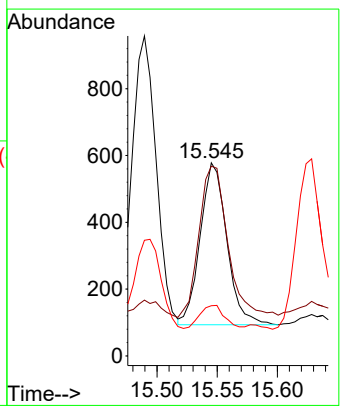


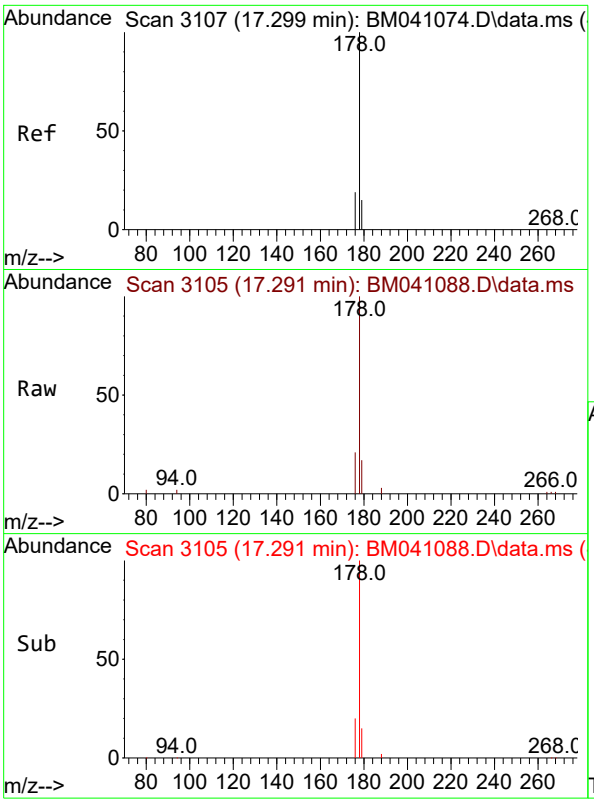


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:166 Resp: 744

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	26.0	11.4	17.2#



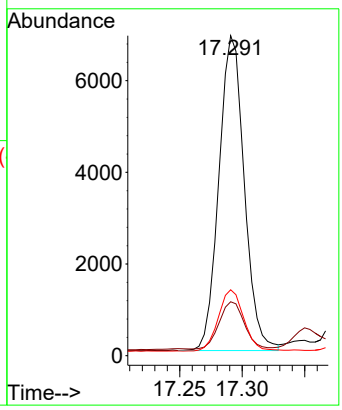


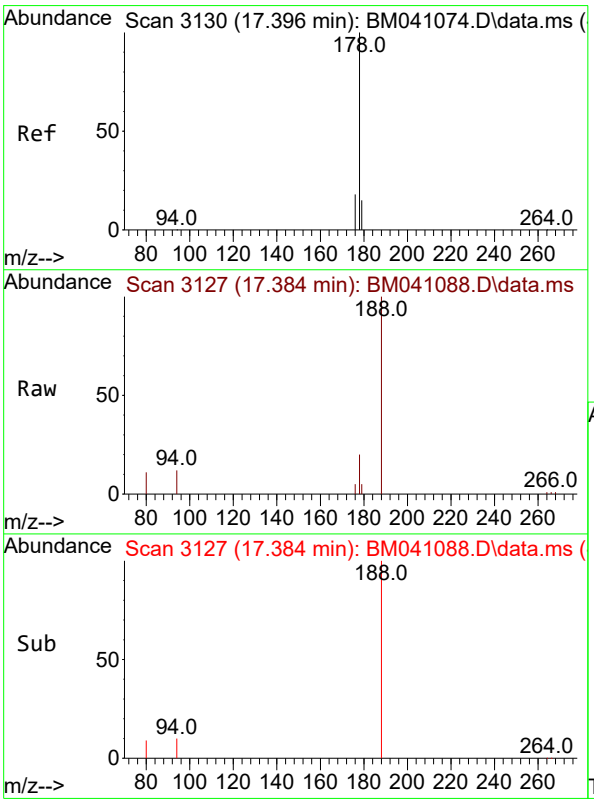
#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.291 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:178 Resp: 9687

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	20.6	16.0	24.0

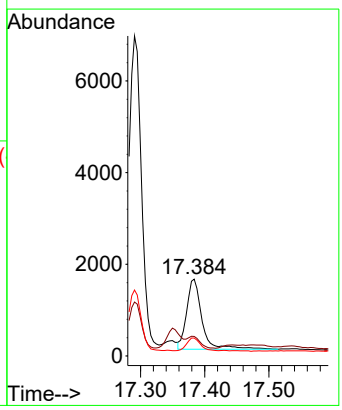


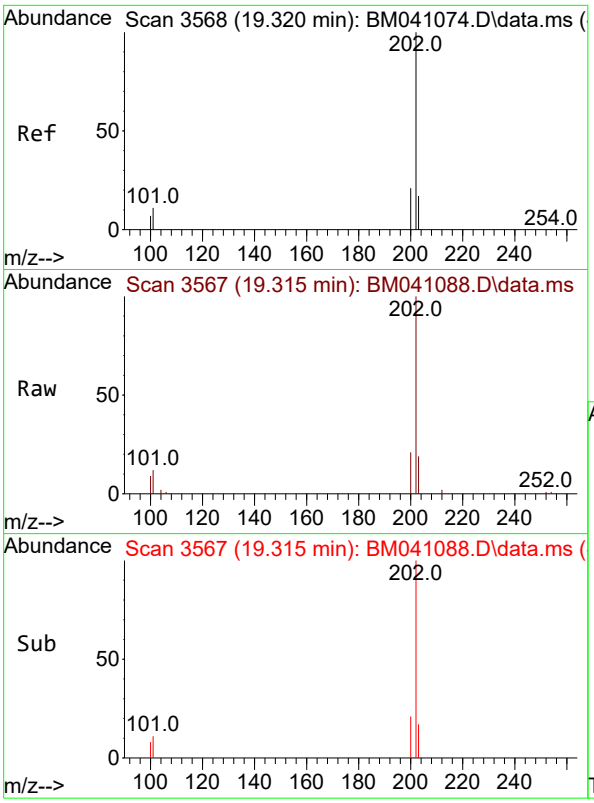


#16
Anthracene
Concen: 0.088 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:178 Resp: 2517

Ion	Ratio	Lower	Upper
178	100		
179	25.4	13.6	20.4#
176	23.3	16.0	24.0



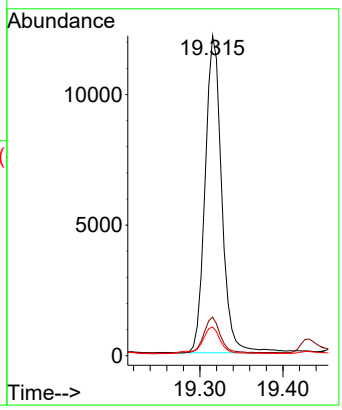


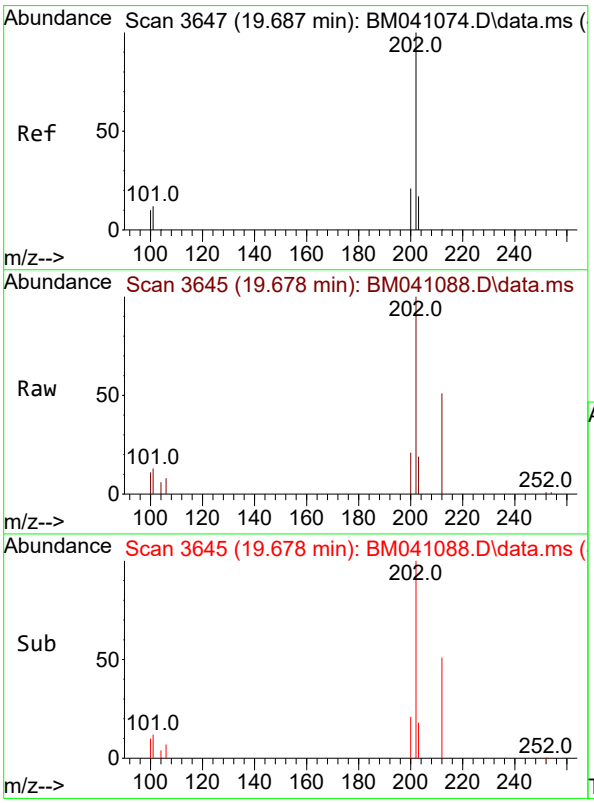
#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.315 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:202 Resp: 16936

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.0
100	8.9	7.1	10.7

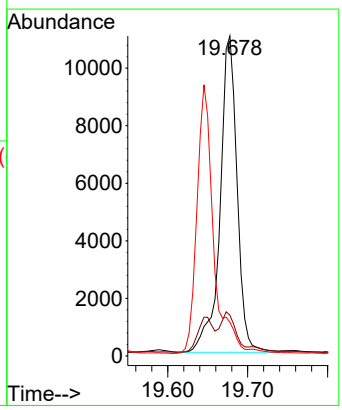


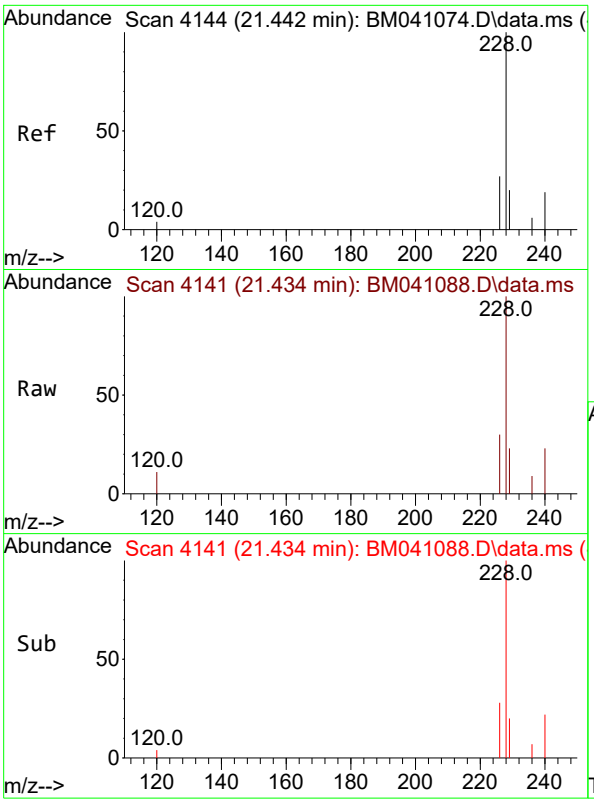


#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:202 Resp: 16306

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.7	16.1
100	10.6	8.5	12.7



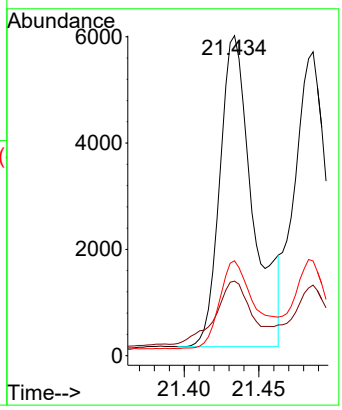


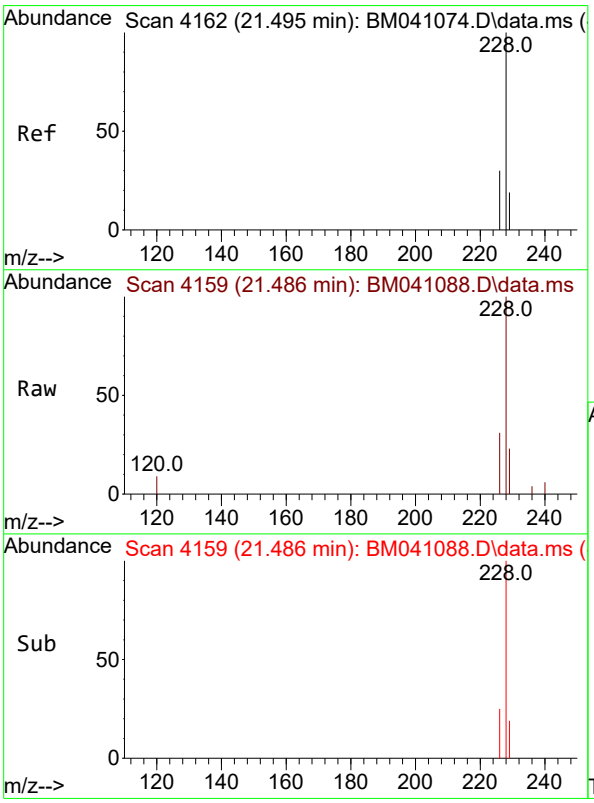
#21
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.434 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:228 Resp: 8960

Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.5	24.7
226	29.6	22.2	33.2

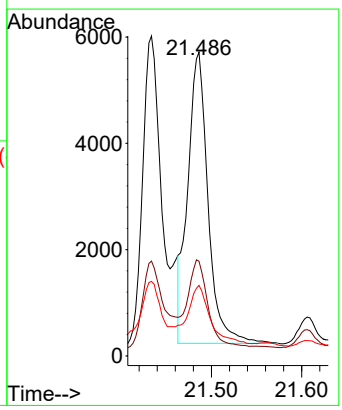


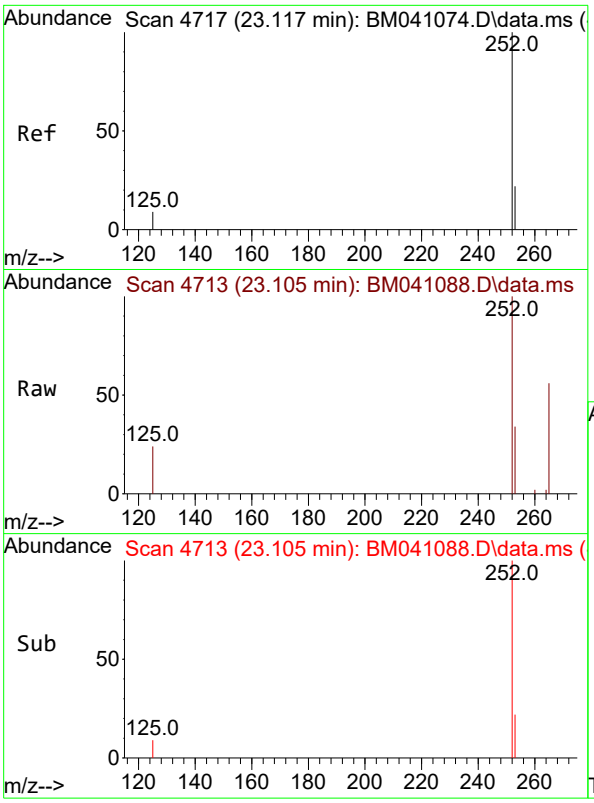


#22
Chrysene
Concen: 0.210 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:228 Resp: 8566

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	23.2	15.9	23.9



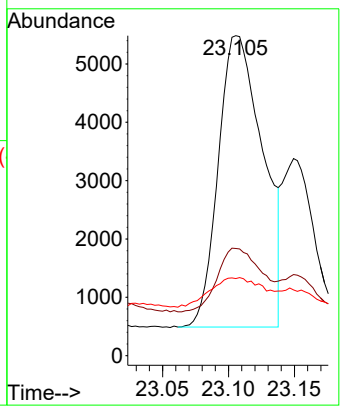


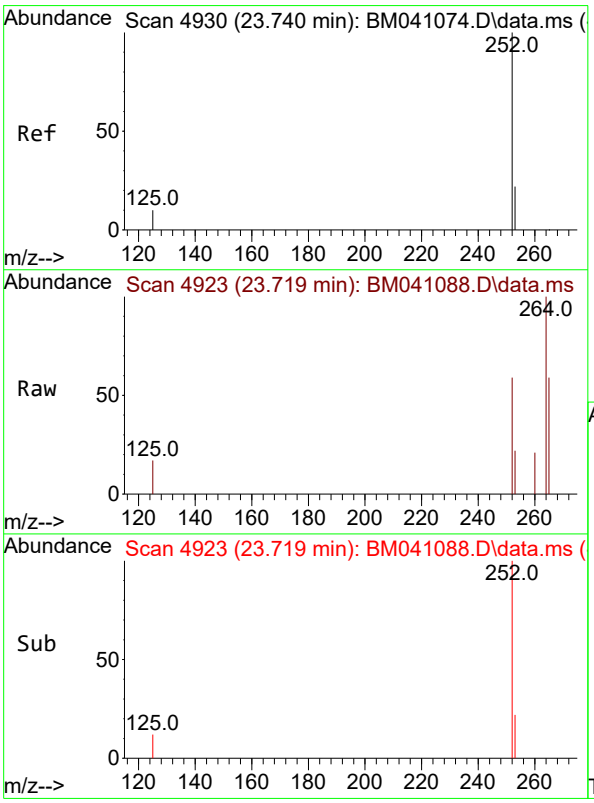
#24
Benzo(b)fluoranthene
Concen: 0.224 ng/ul
RT: 23.105 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:252 Resp: 11745

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	57.6
125	24.1	0.0	33.6

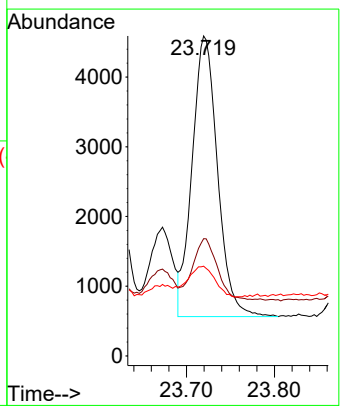


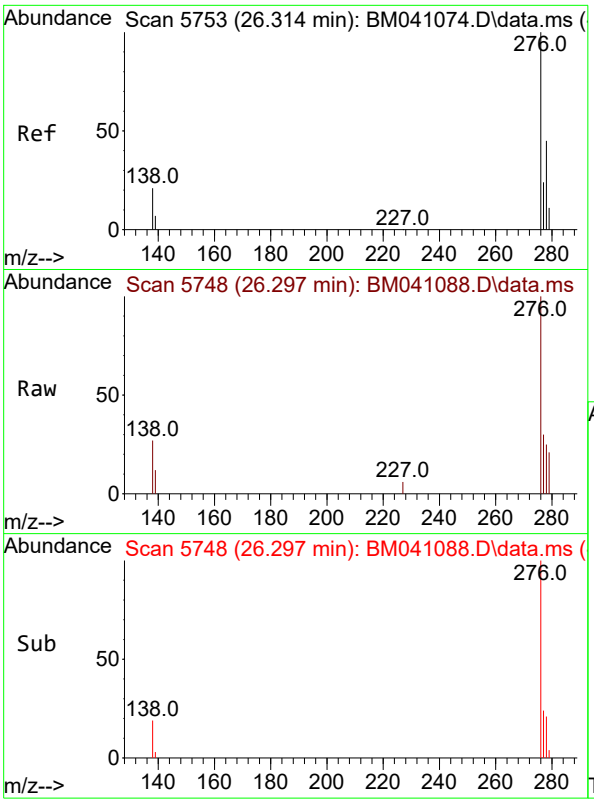


#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.020 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:252 Resp: 8092

Ion	Ratio	Lower	Upper
252	100		
253	36.6	26.7	40.1
125	28.0	18.1	27.1#



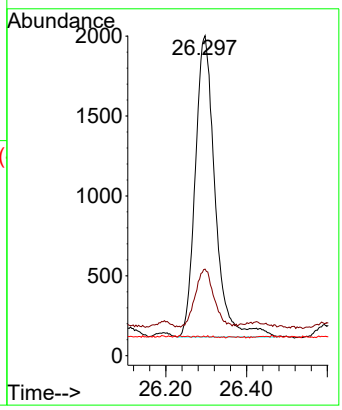


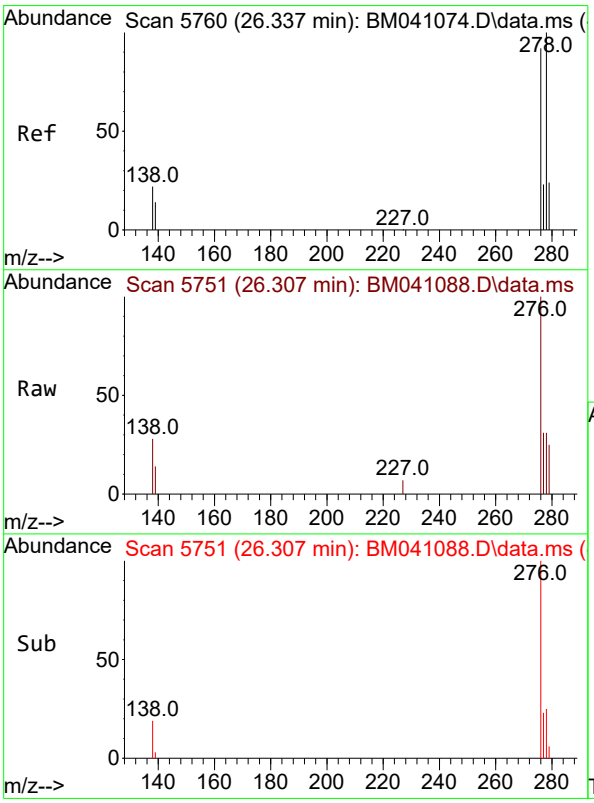
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.297 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:276 Resp: 6405

Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.1	27.1#
227	0.0	0.2	0.2#

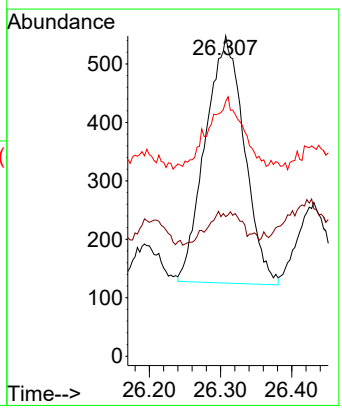


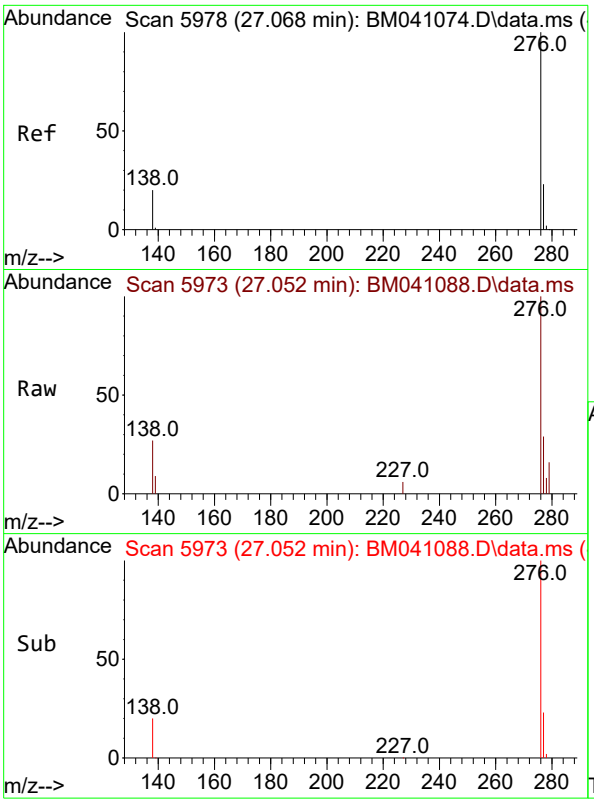


#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.307 min Scan# 5751
Delta R.T. -0.030 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:278 Resp: 1607

Ion	Ratio	Lower	Upper
278	100		
139	43.6	14.1	21.1#
279	79.6	25.0	37.4#





#29
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 27.052 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:276 Resp: 6569

Ion	Ratio	Lower	Upper
276	100		
138	27.2	18.2	27.2
277	28.9	20.6	30.8