Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041063.D
Acq On : 22 Jul 2023 20:40
Operator : MA/JU
Sample : 03504-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:38:15 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 : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	15675	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	10359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	24244	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	14850	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	19413	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4746	0.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4235	0.203	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	12405	0.199	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	1392	0.181	ng/ul#	1
5) Naphthalene	10.708	128	459352	10.714	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	200774	8.535	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	132122	5.287	ng/ul	100
10) Acenaphthylene	14.231	152	13281	0.306	ng/ul#	71
11) Acenaphthene	14.574	153	674155	17.627	ng/ul	95
12) Fluorene	15.564	166	860661	21.736	ng/ul	96
15) Phenanthrene	17.312	178	7250785	100.060	ng/ul	98
16) Anthracene	17.401	178	1853312	32.824	ng/ul	97
19) Fluoranthene	19.334	202	6111627	79.712	ng/ul#	94
20) Pyrene	19.696	202	3632667	46.377	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	2180667	48.205	ng/ul	98
22) Chrysene	21.495	228	1792355	34.658	ng/ul	97
24) Benzo(b)fluoranthene	23.123	252	1887610	25.333	ng/ul	82
26) Benzo(a)pyrene	23.737	252	688944	10.705	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.310	276	565539	6.622	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.317	278	226732	3.510	ng/ul#	87
29) Benzo(g,h,i)perylene	27.068	276	39482	0.500	ng/ul#	90

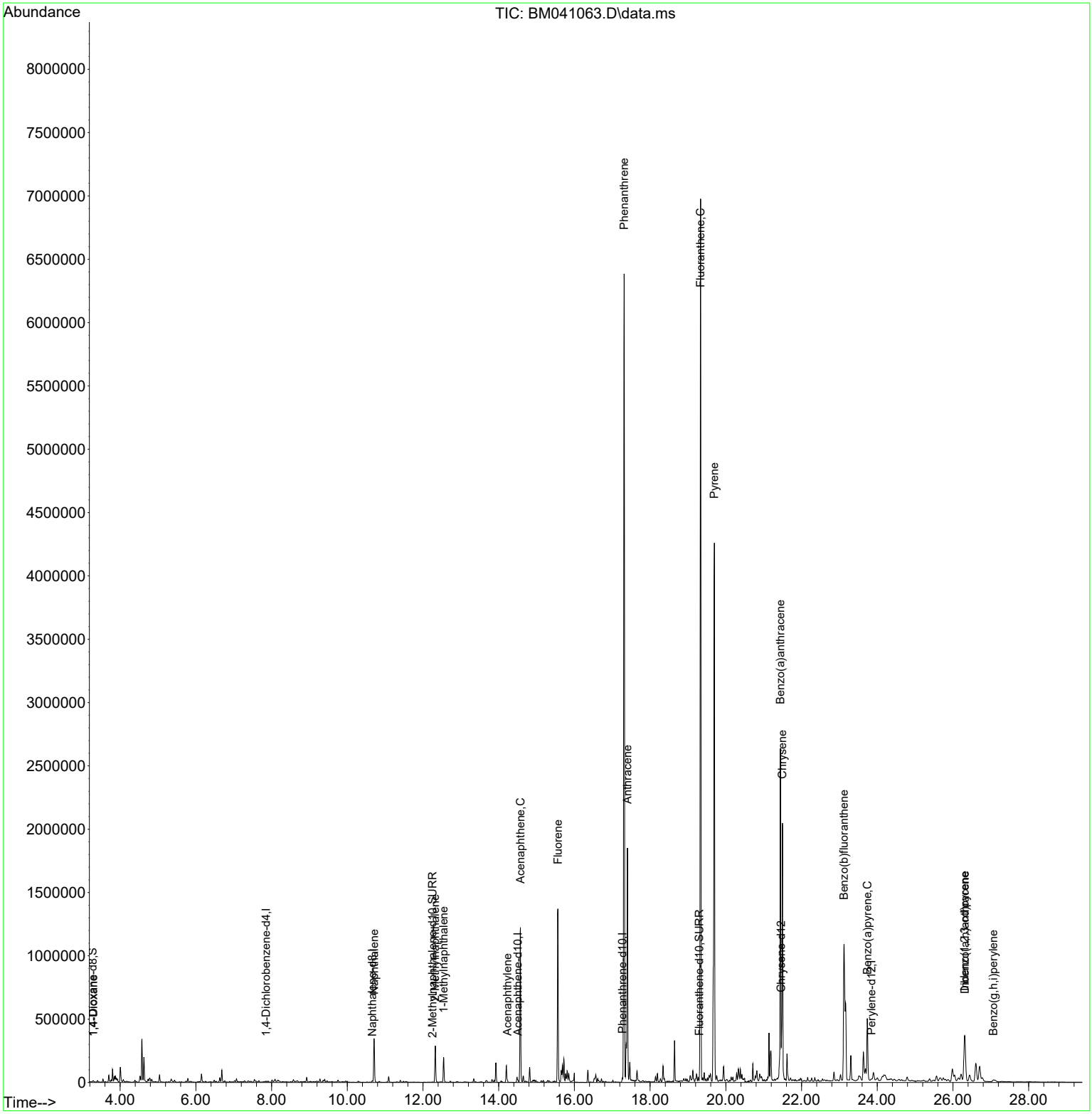
(#) = qualifier out of range (m) = manual integration (+) = signals summed

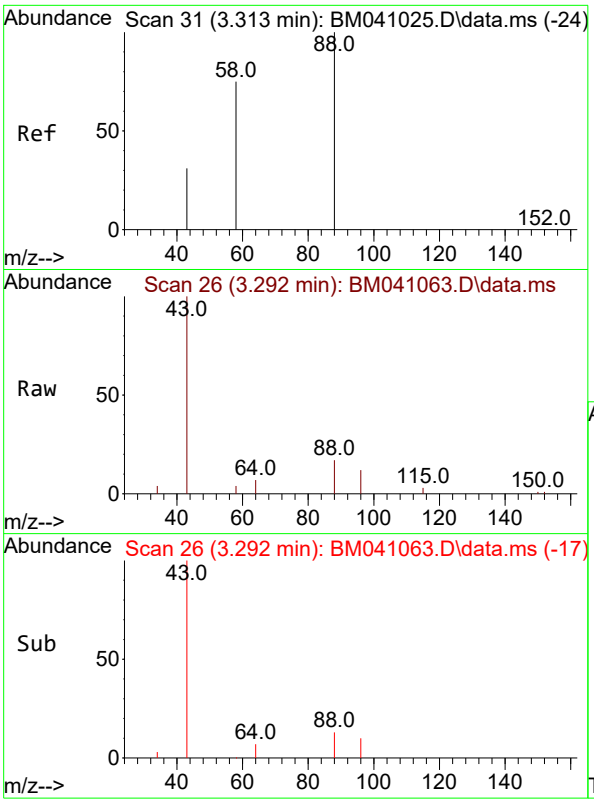
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041063.D
Acq On : 22 Jul 2023 20:40
Operator : MA/JU
Sample : 03504-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:38:15 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 : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration



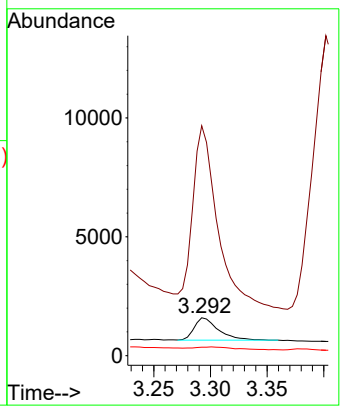


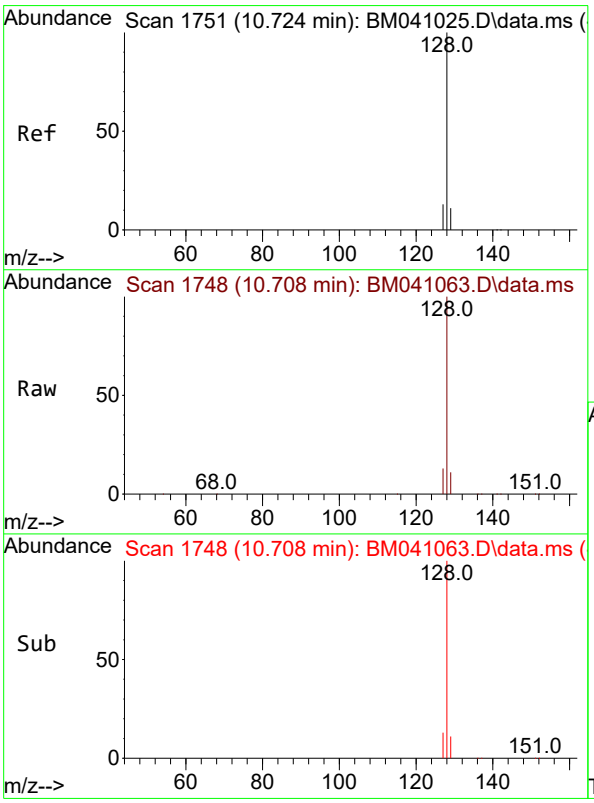
#2
1,4-Dioxane
Concen: 0.181 ng/ul
RT: 3.292 min Scan# 2
Delta R.T. -0.021 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1392

Ion	Ratio	Lower	Upper
88	100		
43	606.0	46.7	70.1#
58	22.4	40.3	60.5#

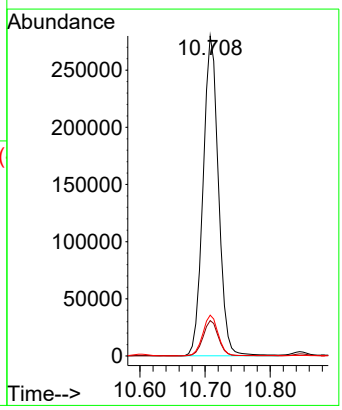


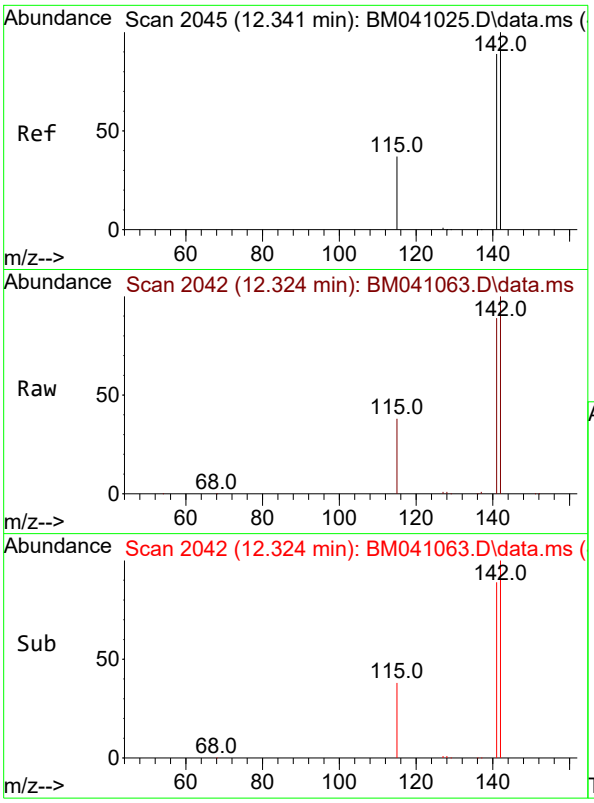


#5
Naphthalene
Concen: 10.714 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:128 Resp: 459352

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	12.8	11.0	16.4



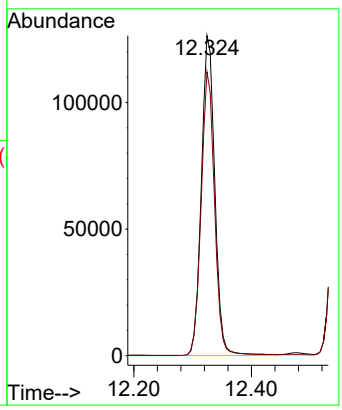


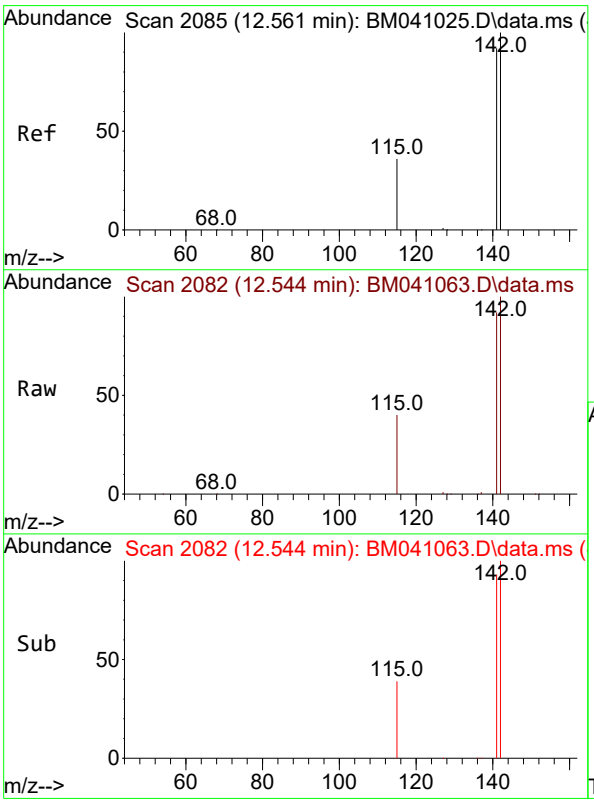
#7
2-Methylnaphthalene
Concen: 8.535 ng/ul
RT: 12.324 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 200774

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.2	109.8

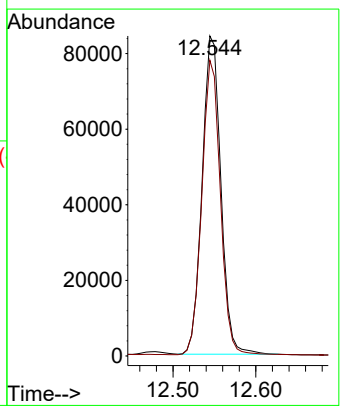


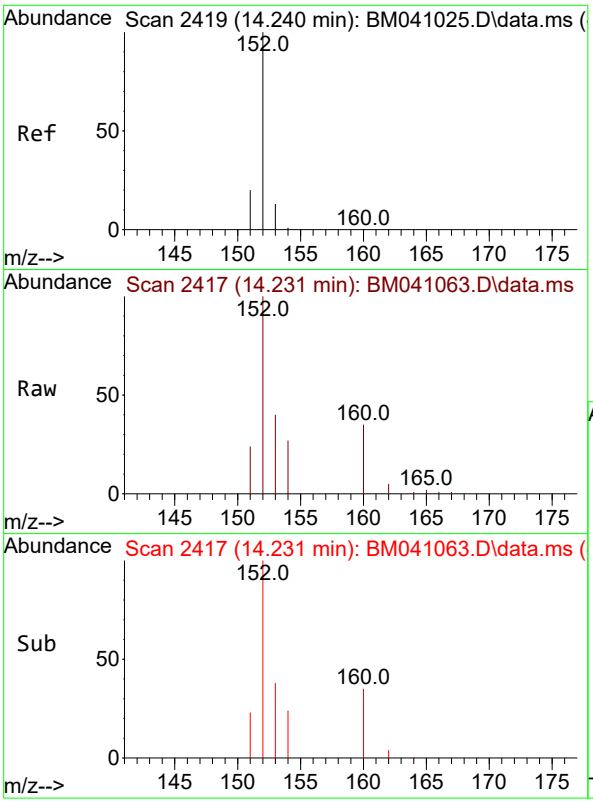


#8
1-Methylnaphthalene
Concen: 5.287 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:142 Resp: 132122

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.2



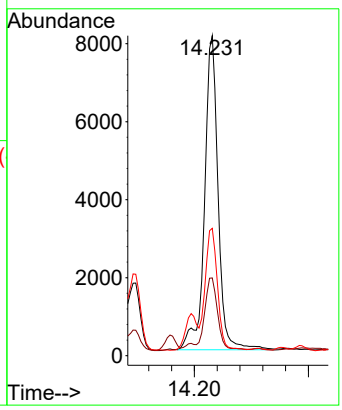


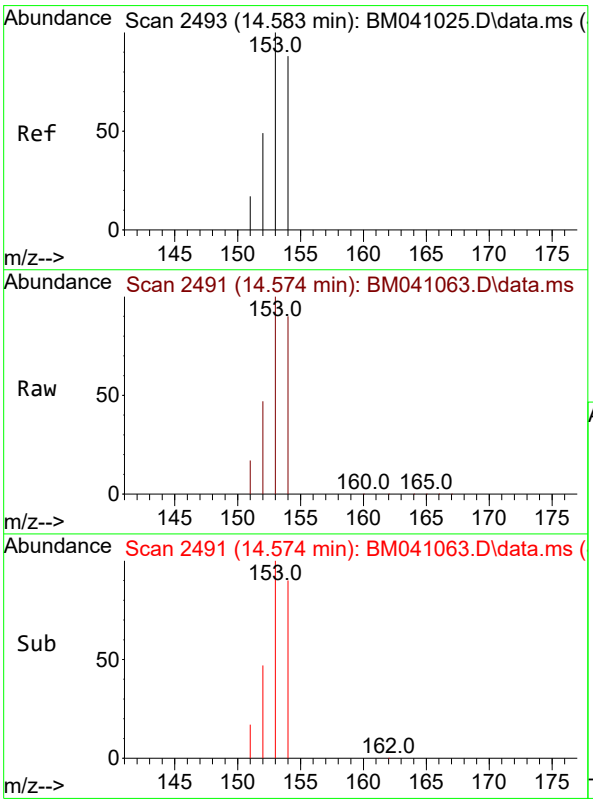
#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 13281

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.8	25.2
153	39.8	11.6	17.4#

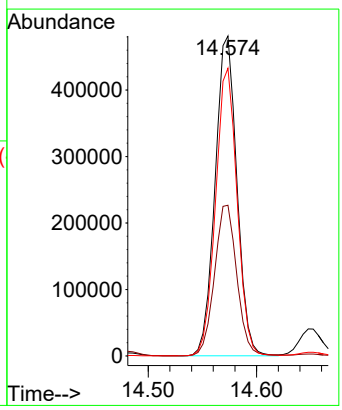


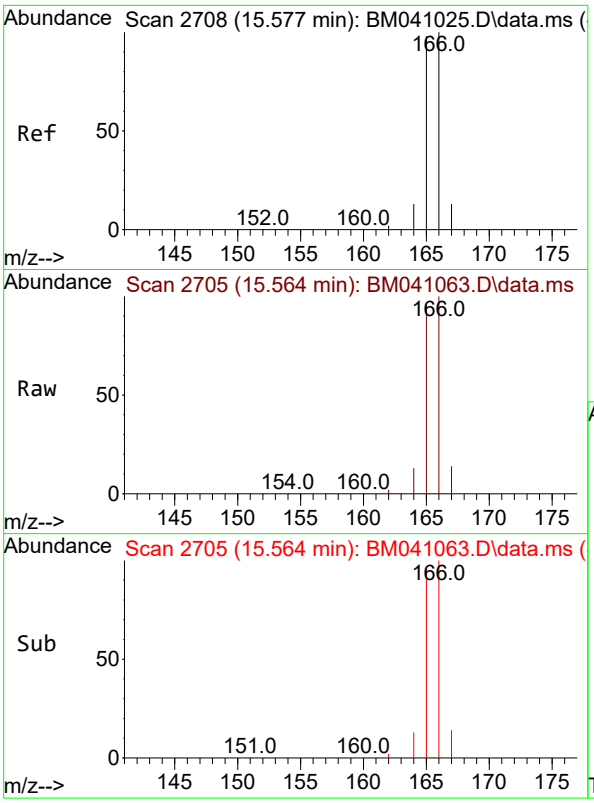


#11
Acenaphthene
Concen: 17.627 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:153 Resp: 674155

Ion	Ratio	Lower	Upper
153	100		
152	47.1	41.0	61.6
154	89.9	68.2	102.2



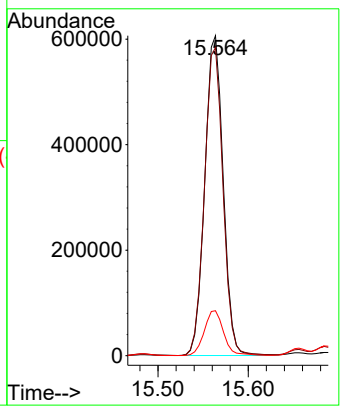


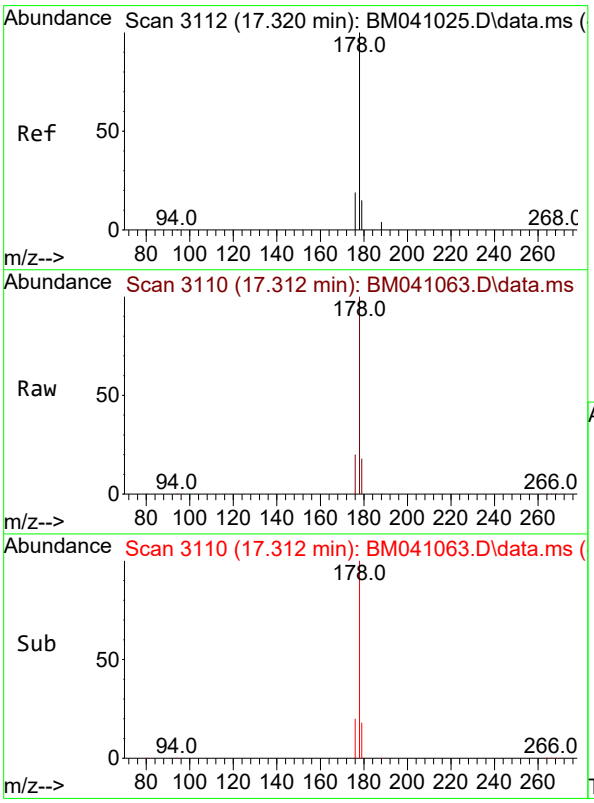
#12
Fluorene
Concen: 21.736 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 860661

Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.3	120.5
167	14.1	11.7	17.5

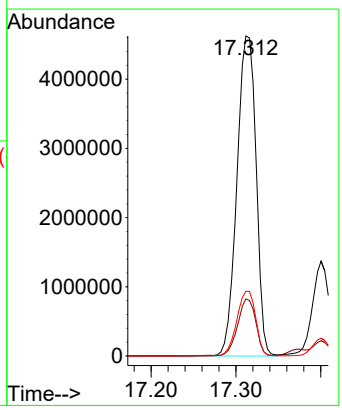


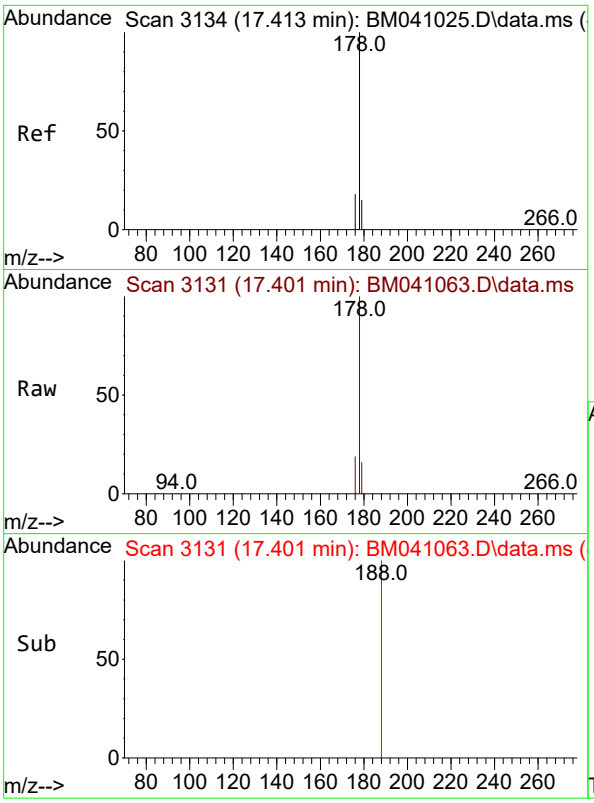


#15
Phenanthrene
Concen: 100.060 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:178 Resp: 7250785

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	20.2	16.2	24.4



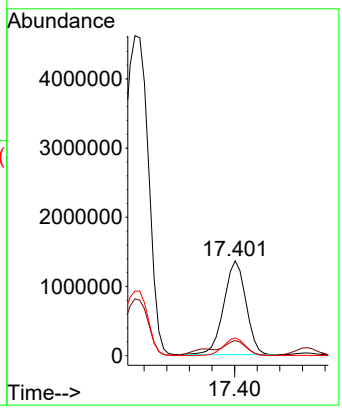


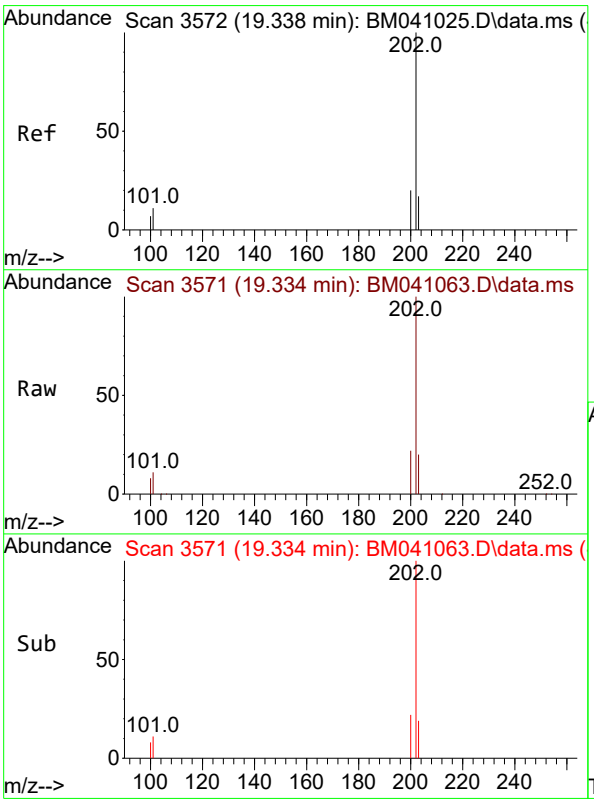
#16
Anthracene
Concen: 32.824 ng/ul
RT: 17.401 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1853312

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.7	20.5
176	18.8	16.4	24.6

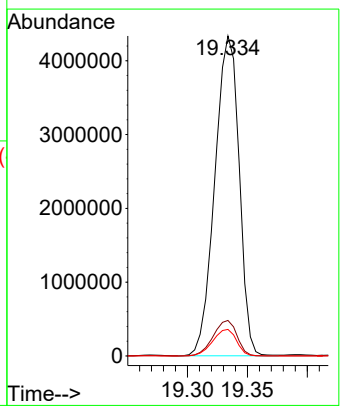


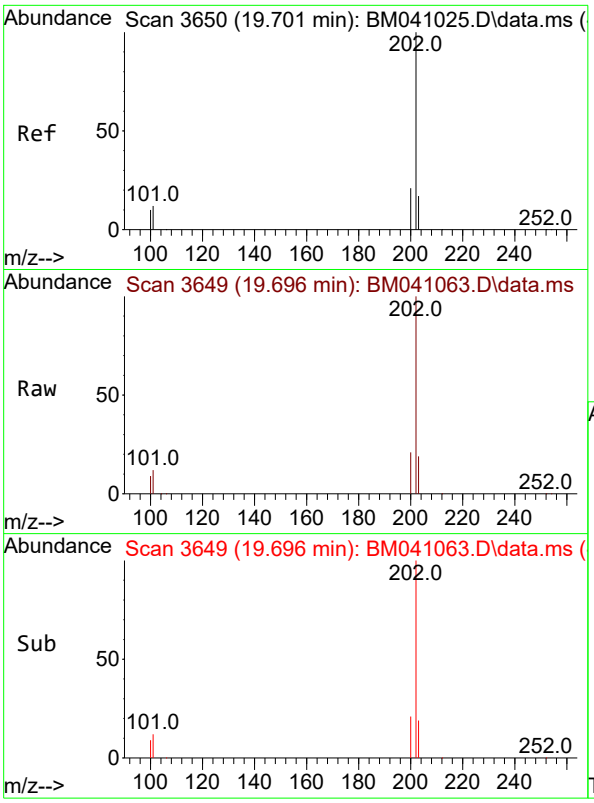


#19
Fluoranthene
Concen: 79.712 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:202 Resp: 6111627

Ion	Ratio	Lower	Upper
202	100		
101	11.1	11.0	16.4
100	8.3	8.3	12.5#



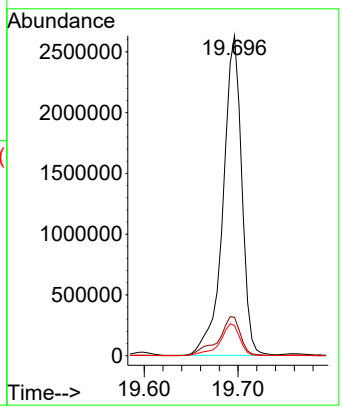


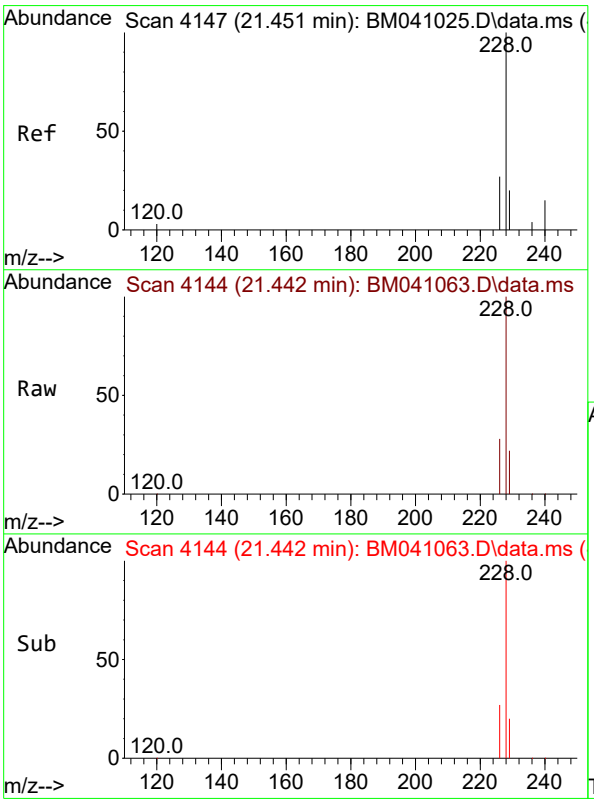
#20
Pyrene
Concen: 46.377 ng/ul
RT: 19.696 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3632667

Ion	Ratio	Lower	Upper
202	100		
101	12.0	12.5	18.7#
100	9.4	10.0	15.0#

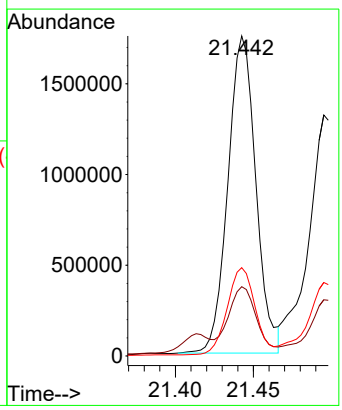


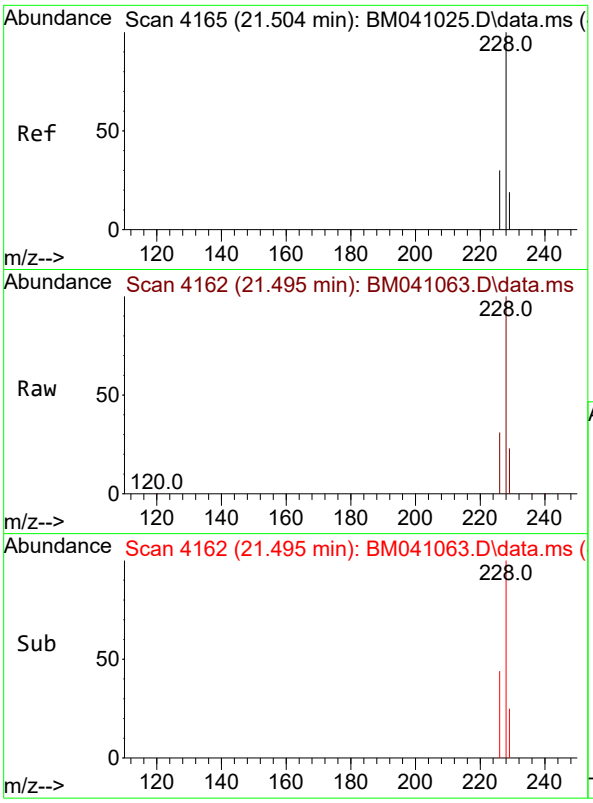


#21
Benzo(a)anthracene
Concen: 48.205 ng/ul
RT: 21.442 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:228 Resp: 2180667

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.2	24.4
226	27.6	22.3	33.5



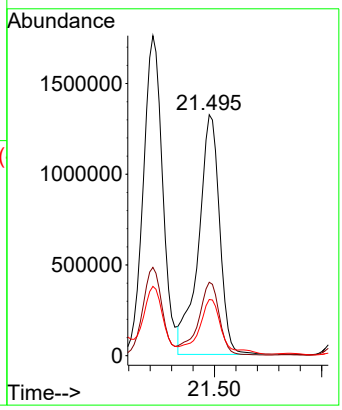


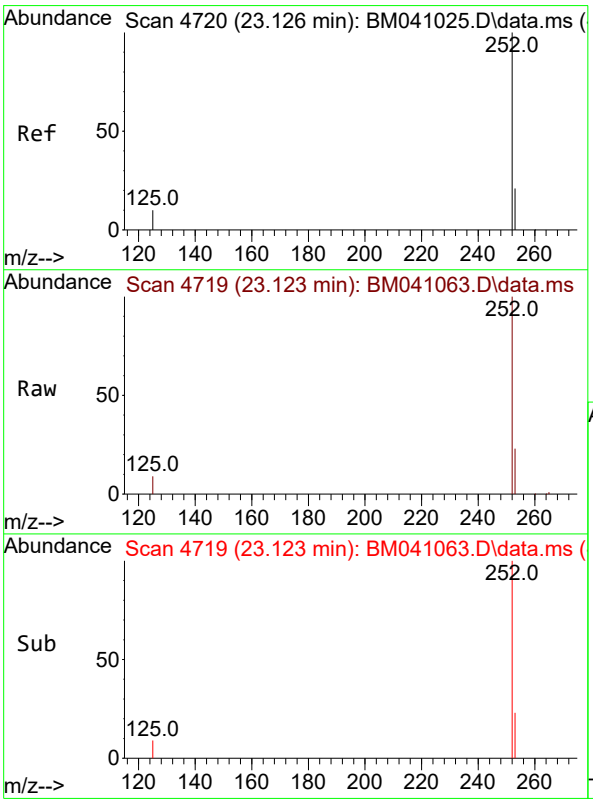
#22
Chrysene
Concen: 34.658 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1792355

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	23.3	16.1	24.1

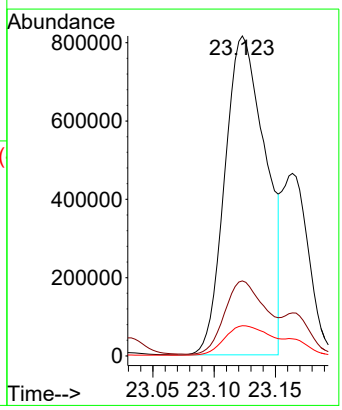


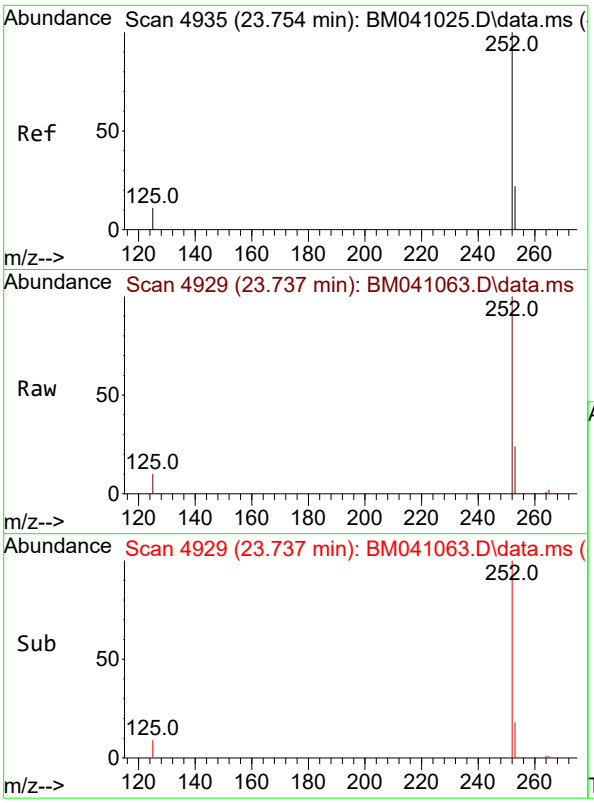


#24
Benzo(b)fluoranthene
Concen: 25.333 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:252 Resp: 1887610

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	57.4
125	9.5	0.0	45.2



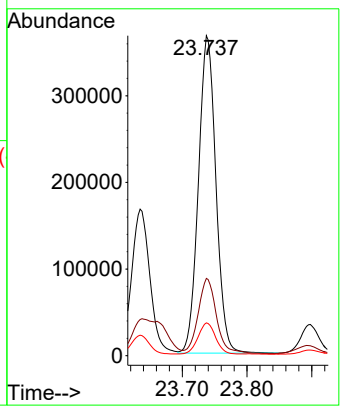


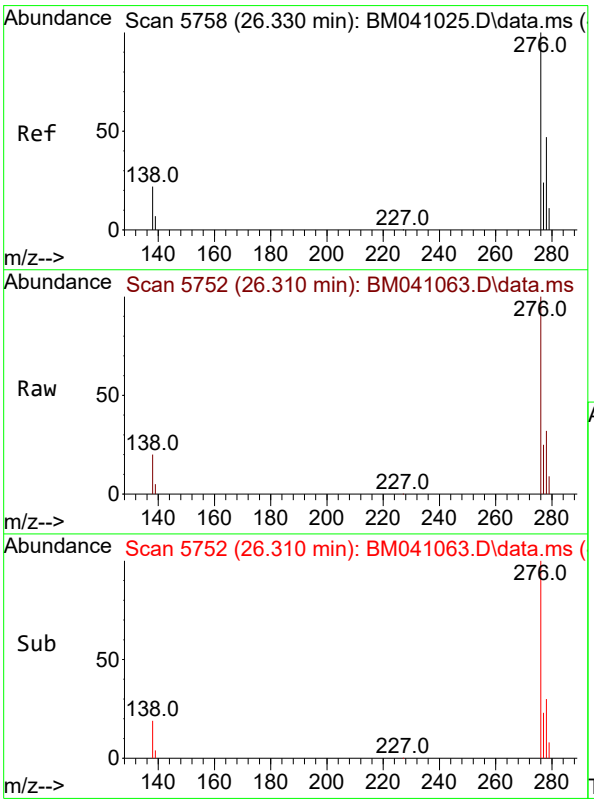
#26
Benzo(a)pyrene
Concen: 10.705 ng/ul
RT: 23.737 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 688944

Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.2	42.2#
125	10.3	25.2	37.8#

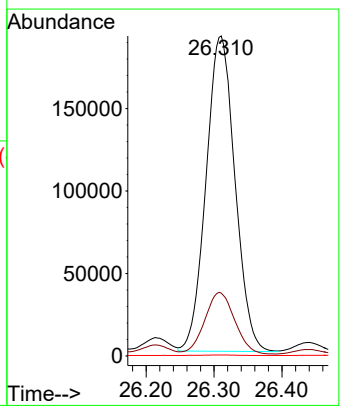


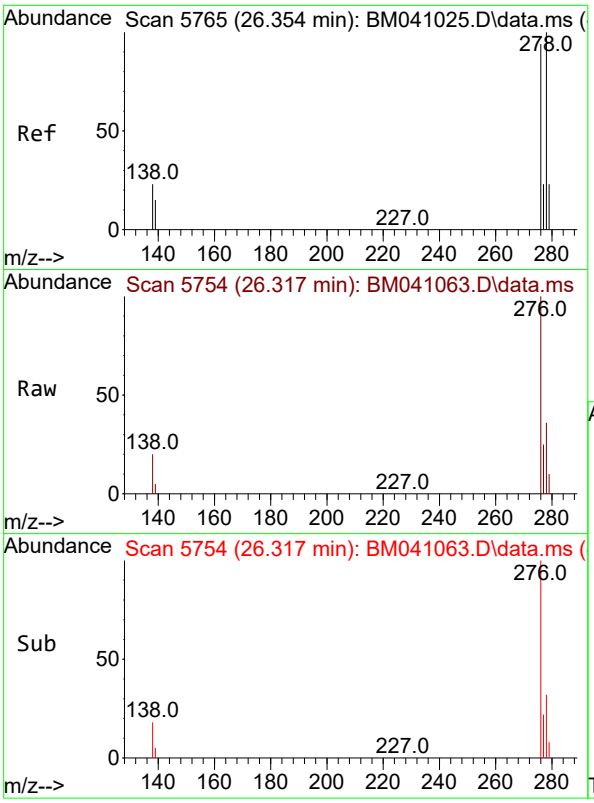


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.622 ng/ul
RT: 26.310 min Scan# 5752
Delta R.T. -0.017 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:276 Resp: 565539

Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.3	33.5#
227	0.2	0.0	0.0#



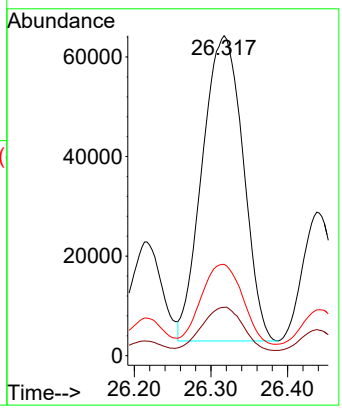


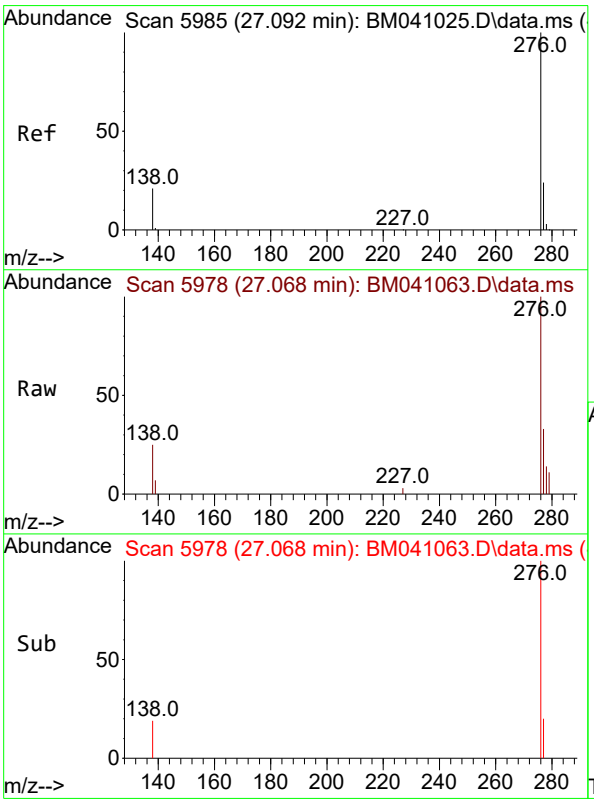
#28
Dibenzo(a,h)anthracene
Concen: 3.510 ng/ul
RT: 26.317 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 226732

Ion	Ratio	Lower	Upper
278	100		
139	15.1	19.2	28.8#
279	28.6	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 27.068 min Scan# 5978
Delta R.T. -0.017 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:276 Resp: 39482

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.6	34.0
277	33.0	21.2	31.8#