Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041024.D
Acq On : 21 Jul 2023 18:45
Operator : MA/JU
Sample : 03472-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:50:57 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 : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	3630	0.400	ng/ul		0.00
4) Naphthalene-d8	10.669	136	12275	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.518	164	6299	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.270	188	17270	0.400	ng/ul		0.00
17) Chrysene-d12	21.463	240	10689	0.400	ng/ul		0.00
23) Perylene-d12	23.854	264	9567	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.280	96	3664	0.614	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.264	152	3809	0.233	ng/ul		0.00
18) Fluoranthene-d10	19.301	212	7178	0.160	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.301	88	1274	0.203	ng/ul	#	1
5) Naphthalene	10.719	128	6287	0.187	ng/ul		96
7) 2-Methylnaphthalene	12.335	142	1363	0.074	ng/ul		99
8) 1-Methylnaphthalene	12.555	142	1219	0.062	ng/ul		94
10) Acenaphthylene	14.236	152	2336	0.089	ng/ul	#	81
11) Acenaphthene	14.578	153	2493	0.107	ng/ul		98
12) Fluorene	15.568	166	3199	0.133	ng/ul	#	97
15) Phenanthrene	17.312	178	39893	0.773	ng/ul		99
16) Anthracene	17.405	178	2408	0.060	ng/ul	#	88
19) Fluoranthene	19.334	202	71104	1.288	ng/ul	#	93
20) Pyrene	19.696	202	50632	0.898	ng/ul		94
21) Benzo(a)anthracene	21.448	228	22393	0.688	ng/ul		98
22) Chrysene	21.501	228	29393	0.790	ng/ul		98
24) Benzo(b)fluoranthene	23.129	252	34508	0.940	ng/ul		92
26) Benzo(a)pyrene	23.752	252	2485	0.078	ng/ul	#	42
27) Indeno(1,2,3-cd)pyrene	26.324	276	12582	0.299	ng/ul	#	85
28) Dibenzo(a,h)anthracene	26.334	278	3883	0.122	ng/ul	#	77
29) Benzo(g,h,i)perylene	27.088	276	1014	0.026	ng/ul	#	41

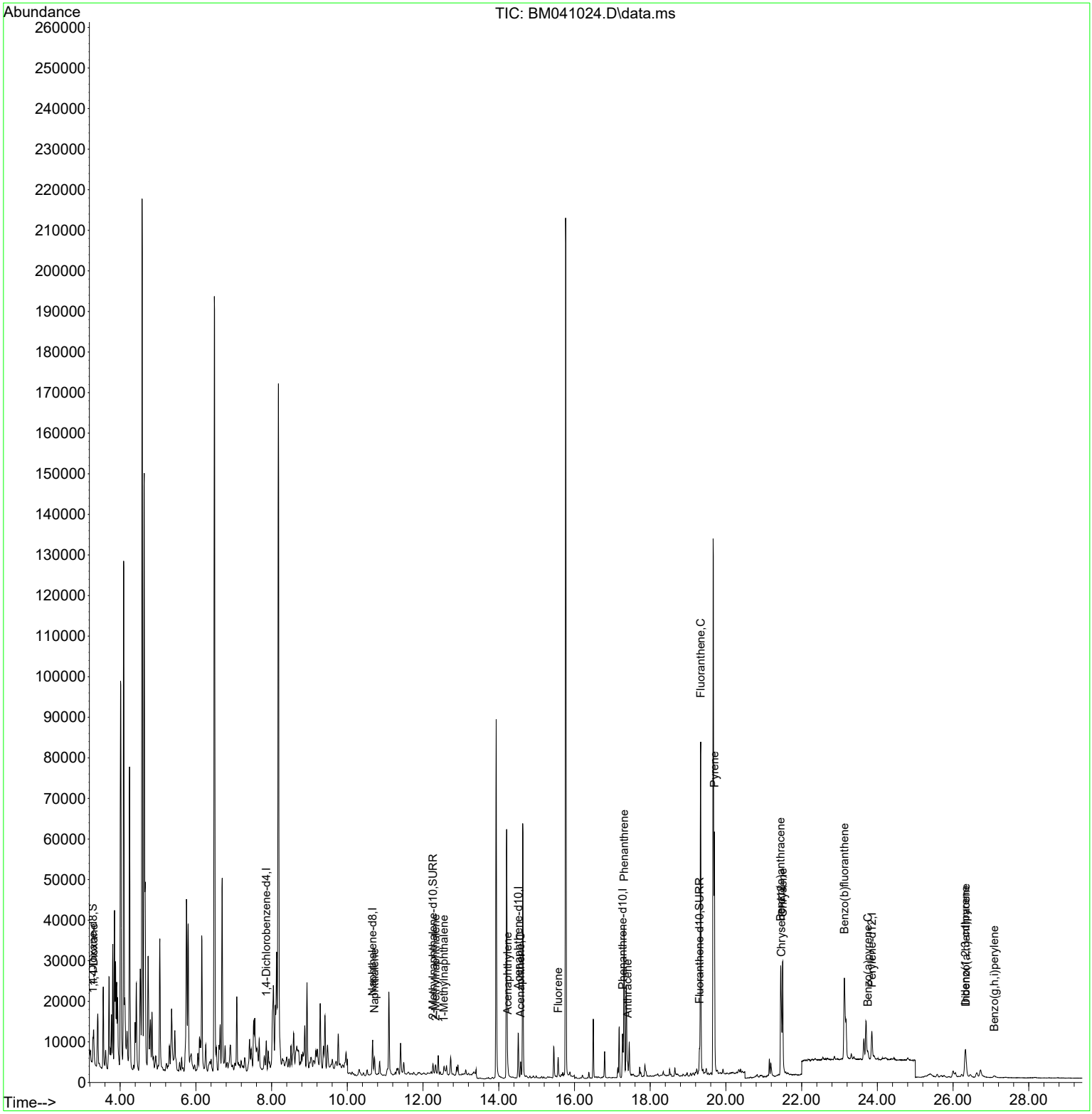
(#) = qualifier out of range (m) = manual integration (+) = signals summed

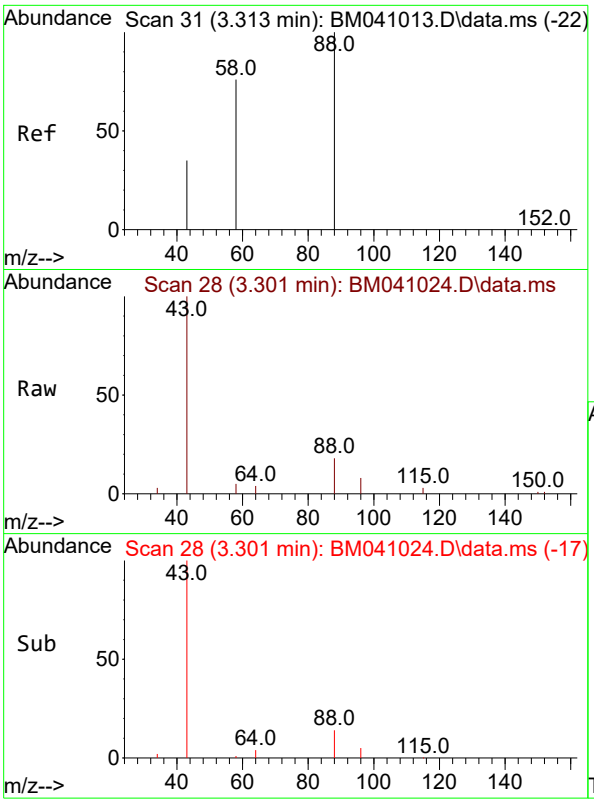
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041024.D
Acq On : 21 Jul 2023 18:45
Operator : MA/JU
Sample : 03472-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:50:57 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 : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration



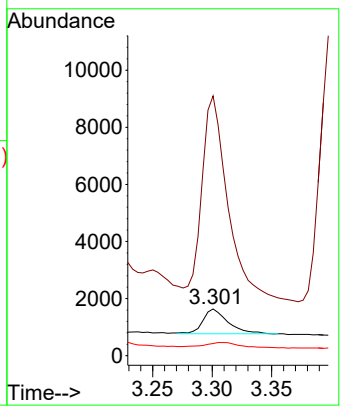


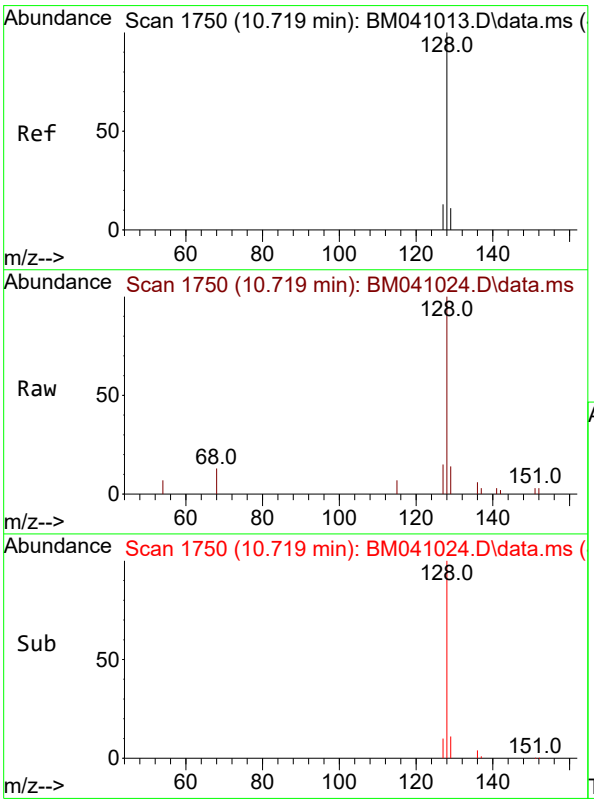
#2
1,4-Dioxane
Concen: 0.203 ng/ul
RT: 3.301 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1274

Ion	Ratio	Lower	Upper
88	100		
43	555.7	46.7	70.1#
58	25.9	40.3	60.5#

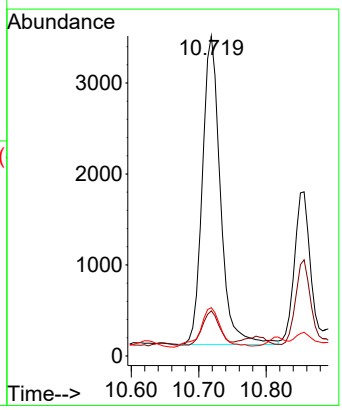


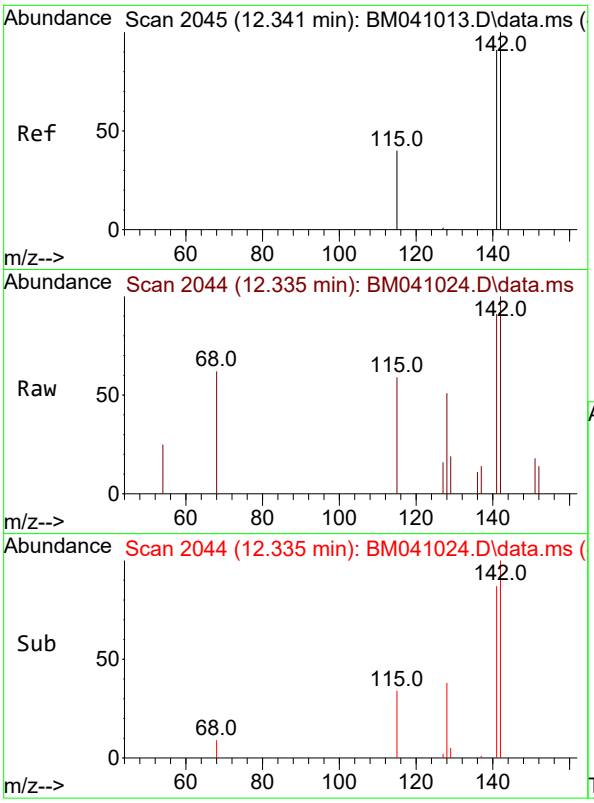


#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:128 Resp: 6287

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.8	14.8
127	15.1	11.0	16.4



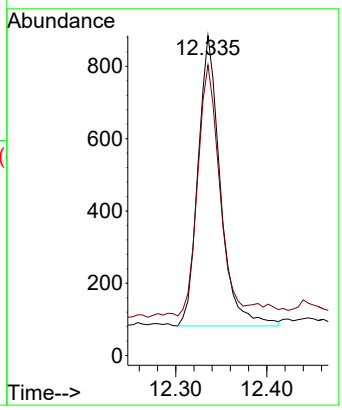


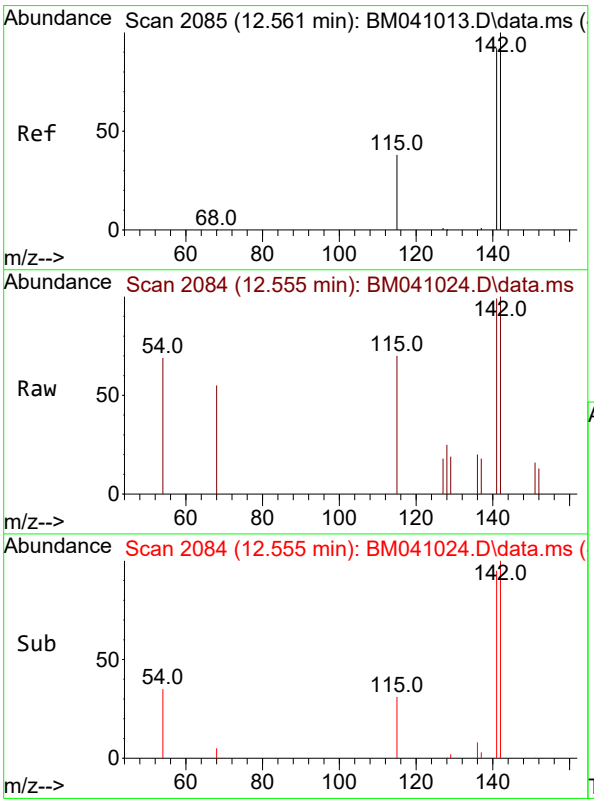
#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.335 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1363

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8

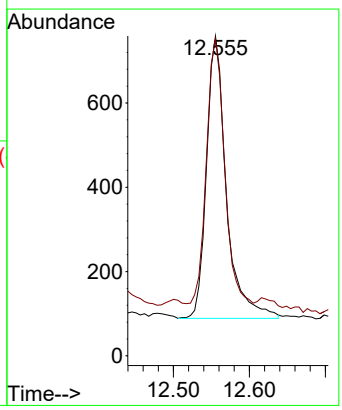


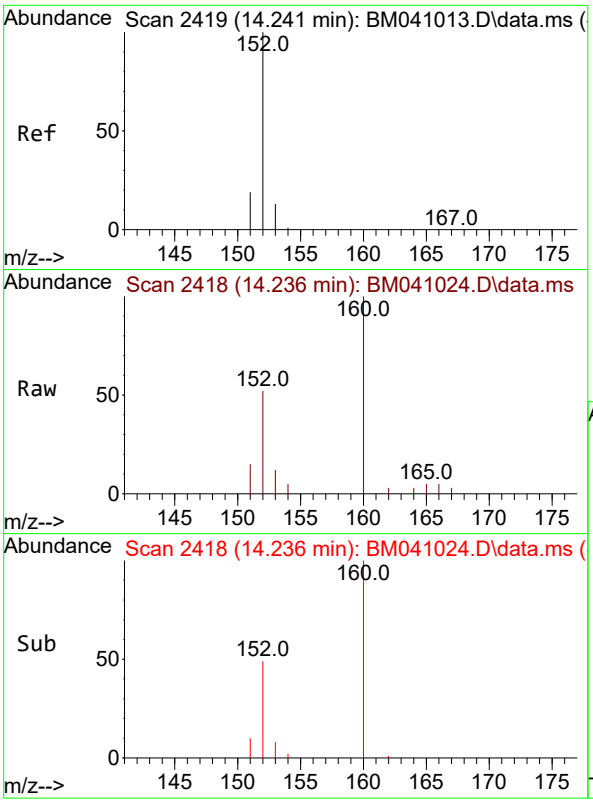


#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:142 Resp: 1219

Ion	Ratio	Lower	Upper
142	100		
141	85.9	73.4	110.2



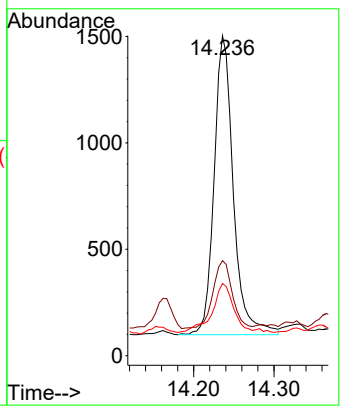


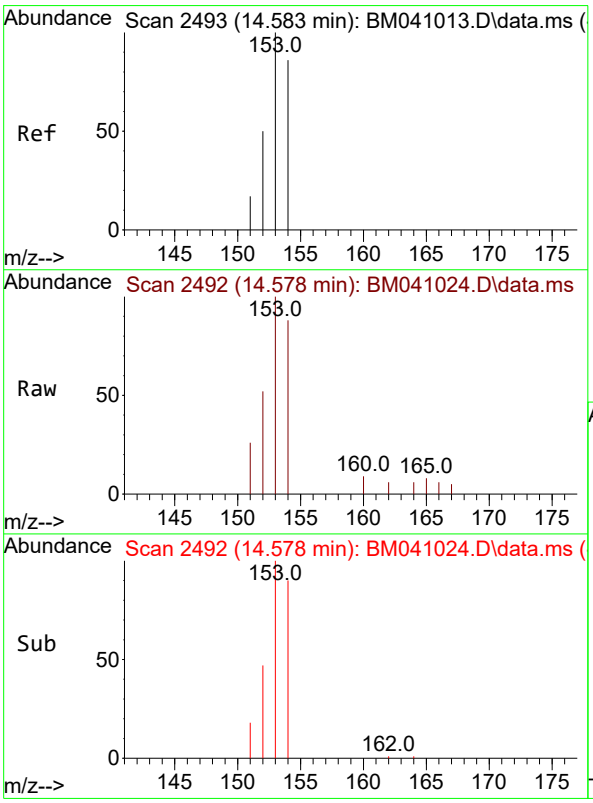
#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.236 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2336

Ion	Ratio	Lower	Upper
152	100		
151	29.7	16.8	25.2#
153	22.5	11.6	17.4#

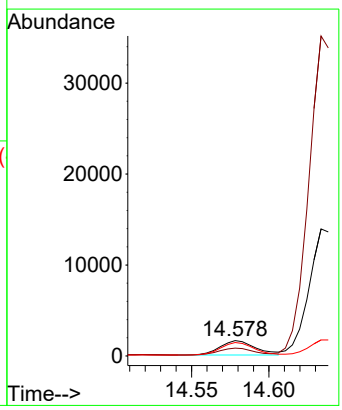


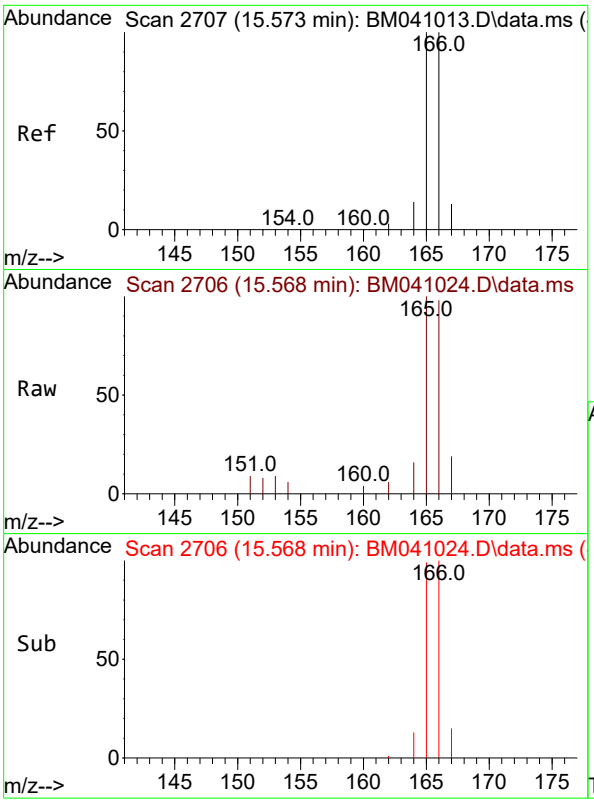


#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:153 Resp: 2493

Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.0	61.6
154	87.7	68.2	102.2



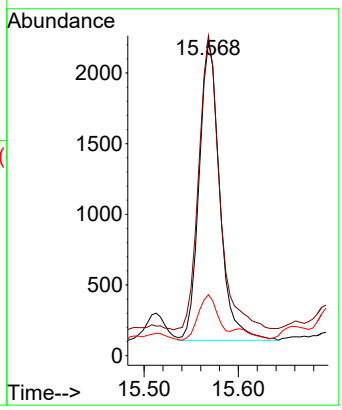


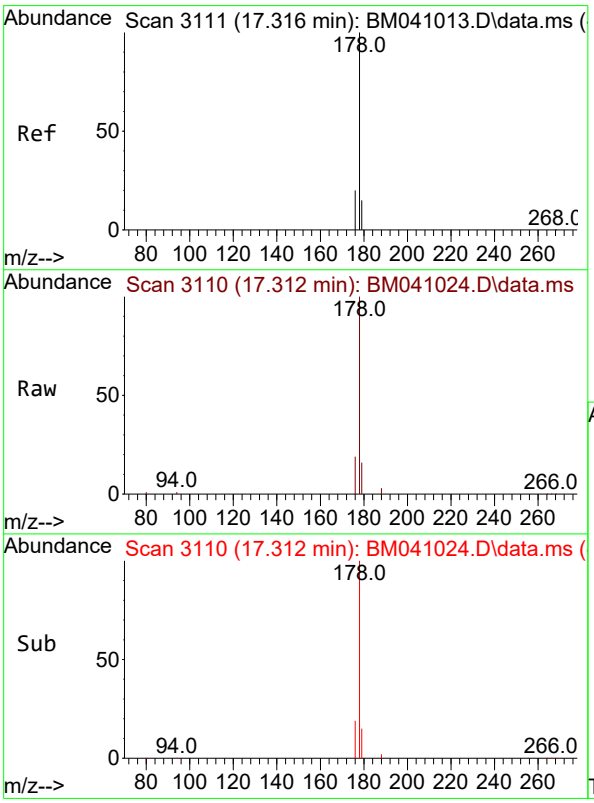
#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.568 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 3199

Ion	Ratio	Lower	Upper
166	100		
165	102.1	80.3	120.5
167	19.4	11.7	17.5#

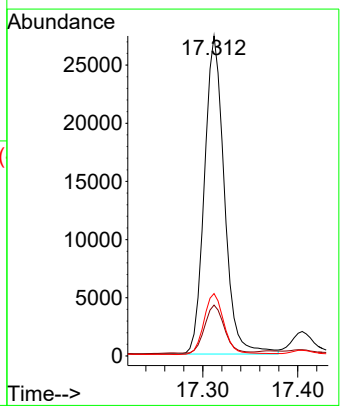


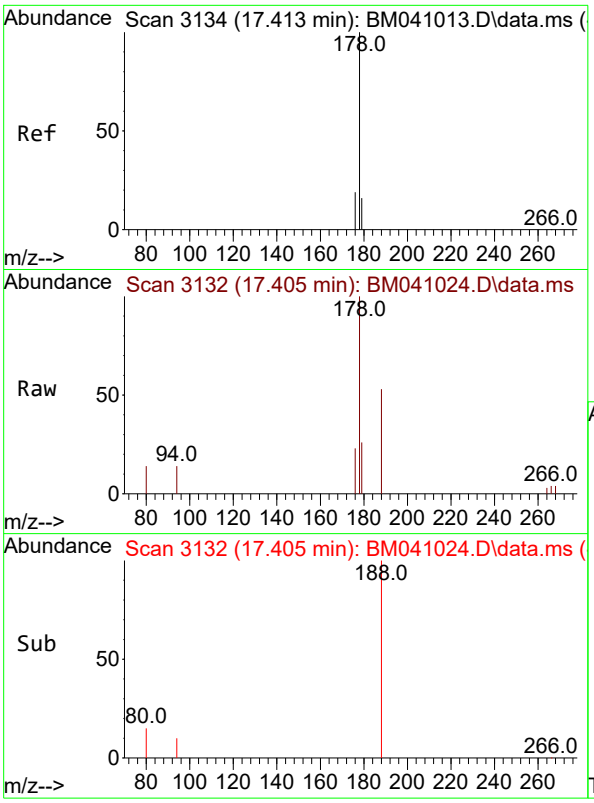


#15
Phenanthrene
Concen: 0.773 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:178 Resp: 39893

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.5	16.2	24.4



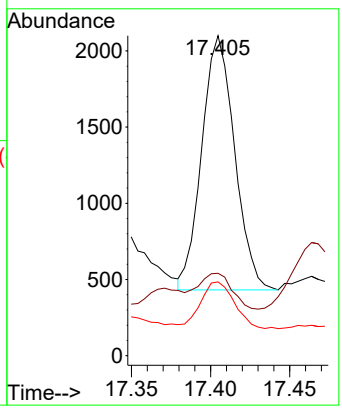


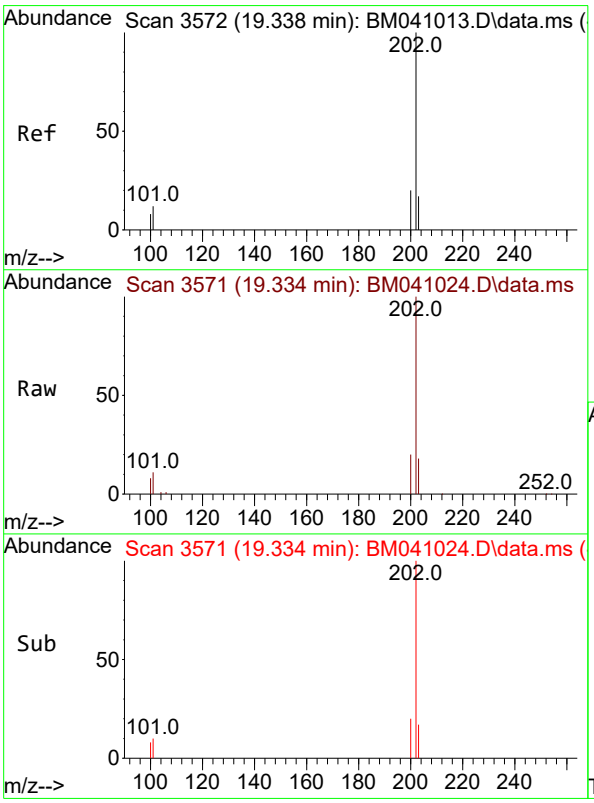
#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.405 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2408

Ion	Ratio	Lower	Upper
178	100		
179	25.8	13.7	20.5#
176	23.0	16.4	24.6

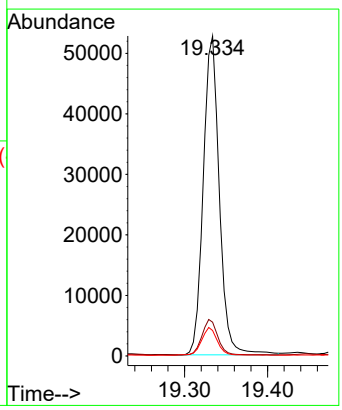


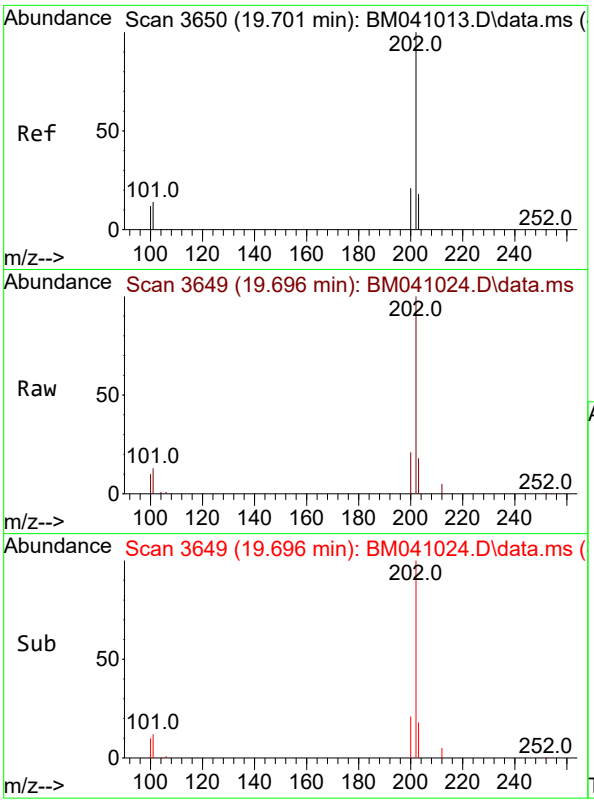


#19
Fluoranthene
Concen: 1.288 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:202 Resp: 71104

Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.0	16.4#
100	7.9	8.3	12.5#



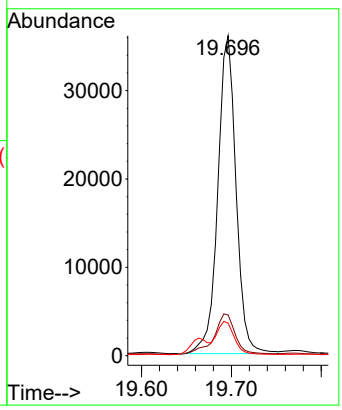


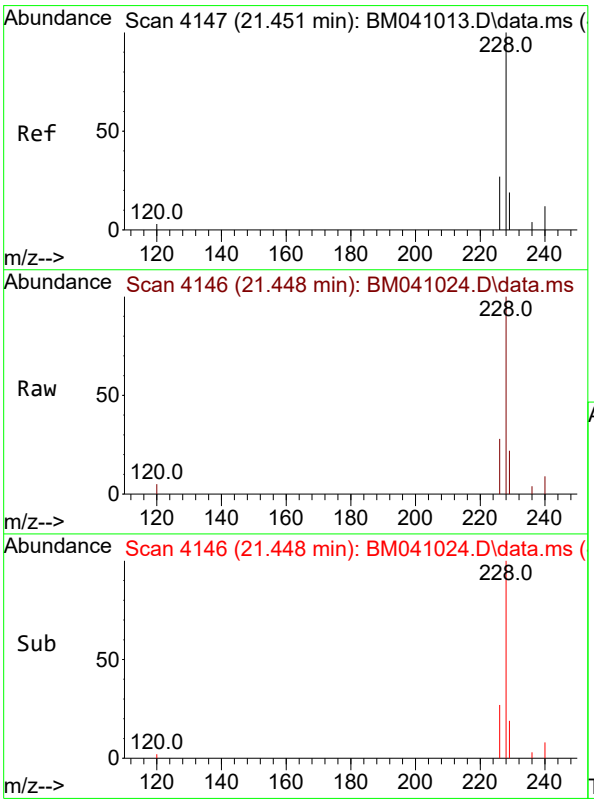
#20
Pyrene
Concen: 0.898 ng/ul
RT: 19.696 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 50632

Ion	Ratio	Lower	Upper
202	100		
101	12.7	12.5	18.7
100	10.2	10.0	15.0

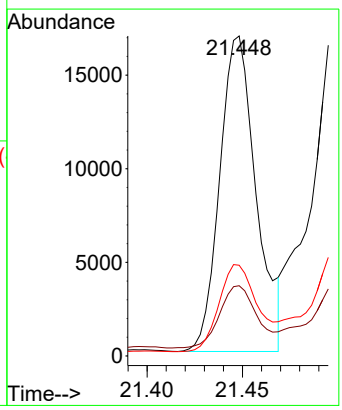


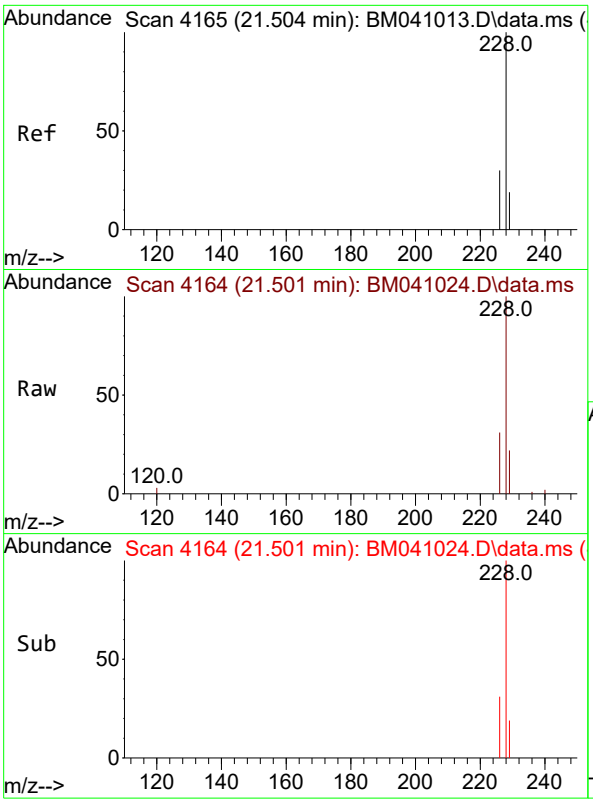


#21
Benzo(a)anthracene
Concen: 0.688 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:228 Resp: 22393

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.4
226	28.3	22.3	33.5



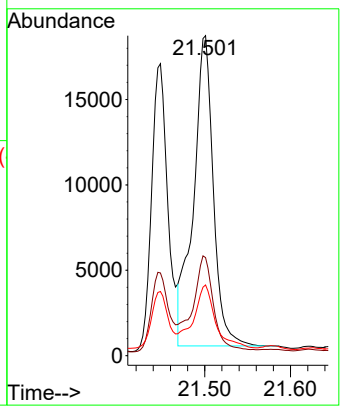


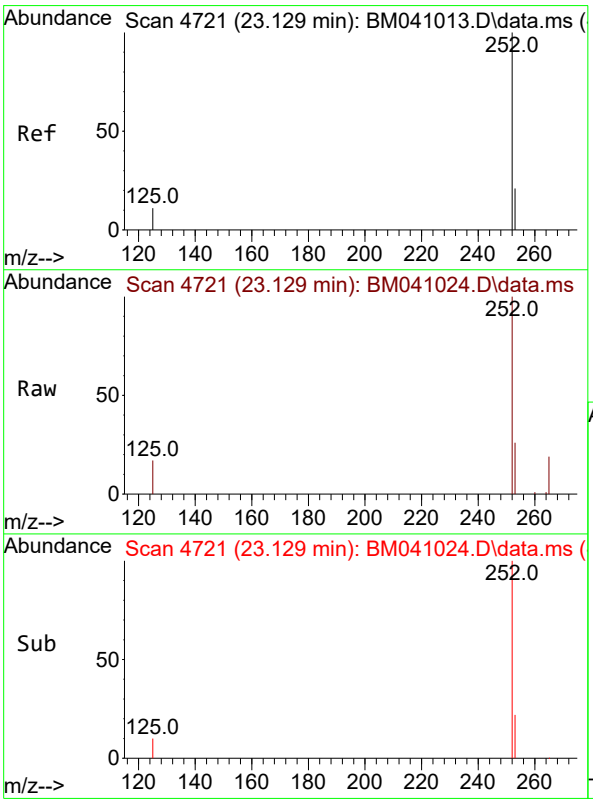
#22
Chrysene
Concen: 0.790 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 29393

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	22.1	16.1	24.1

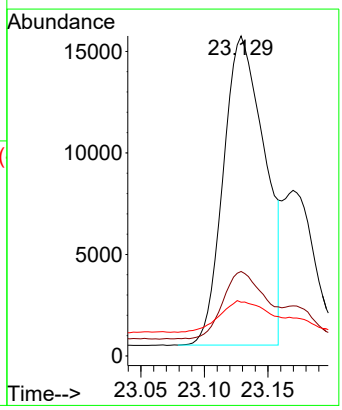


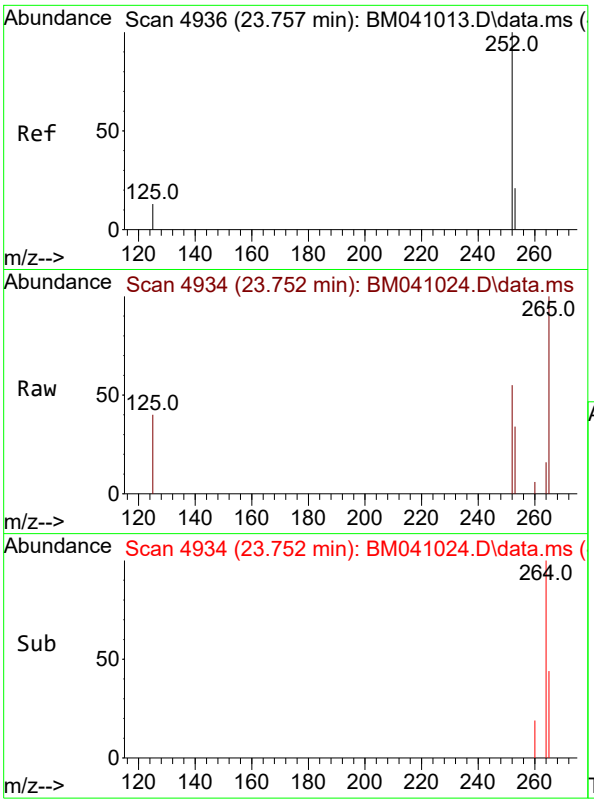


#24
Benzo(b)fluoranthene
Concen: 0.940 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:252 Resp: 34508

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	57.4
125	16.8	0.0	45.2



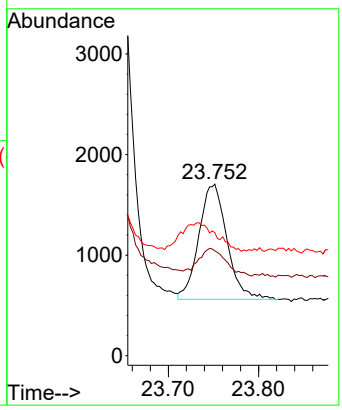


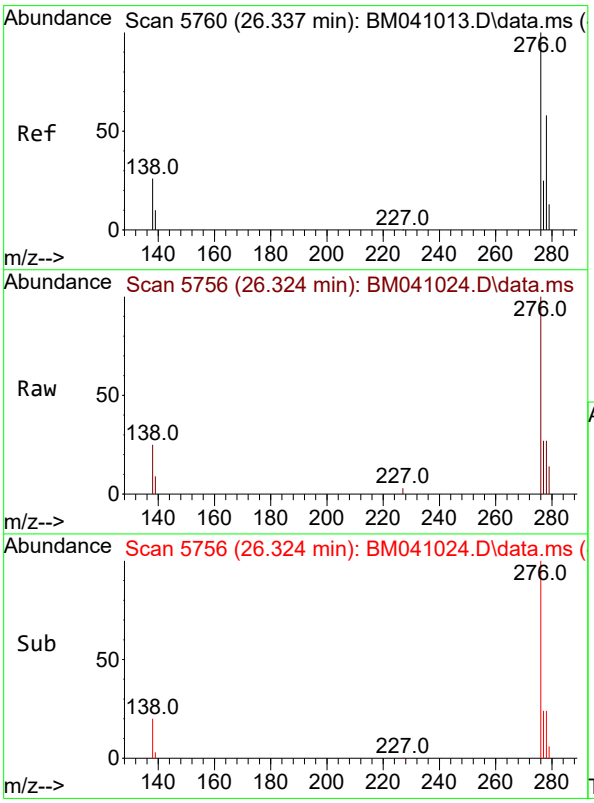
#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.752 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2485

Ion	Ratio	Lower	Upper
252	100		
253	61.1	28.2	42.2#
125	71.7	25.2	37.8#

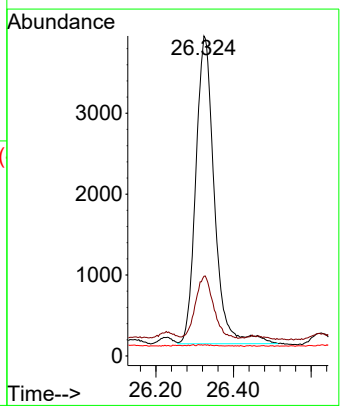


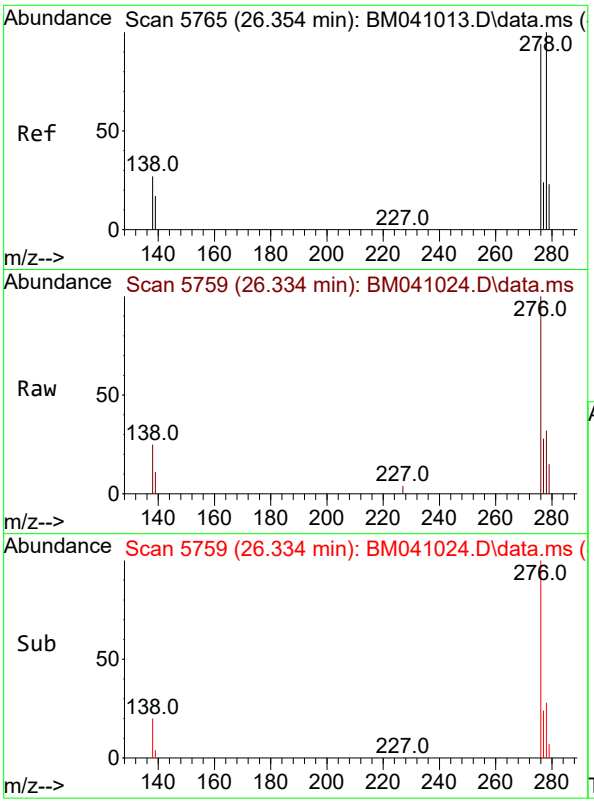


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:276 Resp: 12582

Ion	Ratio	Lower	Upper
276	100		
138	19.9	22.3	33.5#
227	0.3	0.0	0.0#



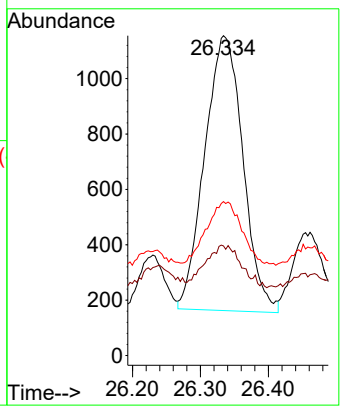


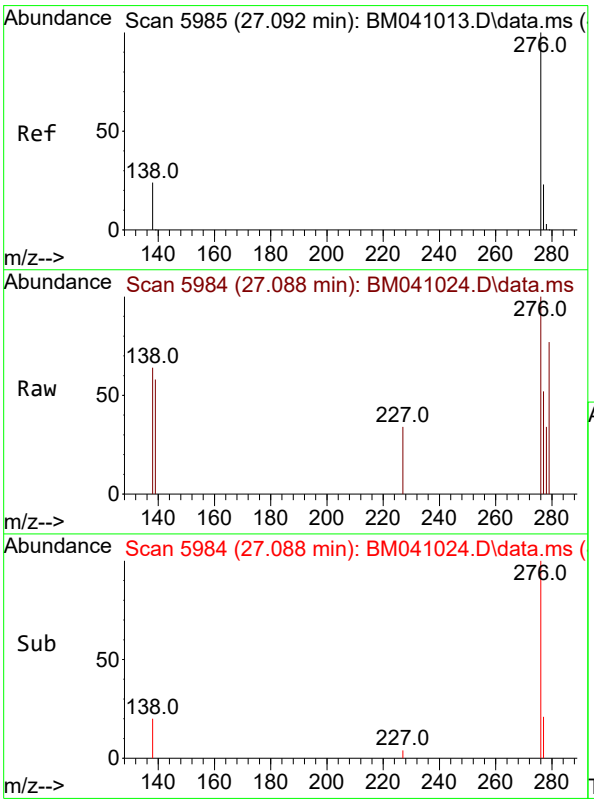
#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 26.334 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3883

Ion	Ratio	Lower	Upper
278	100		
139	34.3	19.2	28.8#
279	48.1	27.0	40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. -0.003 min
Lab File: BM041024.D
Acq: 21 Jul 2023 18:45

Tgt Ion:276 Resp: 1014

Ion	Ratio	Lower	Upper
276	100		
138	64.2	22.6	34.0#
277	52.4	21.2	31.8#