Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041121.D
Acq On : 26 Jul 2023 00:31
Operator : MA/JU
Sample : 03540-05DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4732DL

Quant Time: Jul 26 04:42:34 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 : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.631	136	12745	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.486	164	6844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	15254	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	12243	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	13414	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	1663	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	850	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.278	212	1711	0.051	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	213	0.036	ng/ul#	1
5) Naphthalene	10.686	128	1352	0.033	ng/ul#	79
7) 2-Methylnaphthalene	12.308	142	711	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.528	142	798	0.038	ng/ul	97
10) Acenaphthylene	14.208	152	5679	0.196	ng/ul	97
11) Acenaphthene	14.550	153	5560	0.228	ng/ul	100
12) Fluorene	15.545	166	7548	0.284	ng/ul	99
15) Phenanthrene	17.286	178	122965	2.615	ng/ul	98
16) Anthracene	17.379	178	24451	0.642	ng/ul	99
19) Fluoranthene	19.310	202	184183	4.198	ng/ul	95
20) Pyrene	19.673	202	63229	1.307	ng/ul	98
21) Benzo(a)anthracene	21.425	228	91479	2.235	ng/ul	99
22) Chrysene	21.474	228	77054	1.630	ng/ul	99
24) Benzo(b)fluoranthene	23.097	252	77785	1.455	ng/ul	91
26) Benzo(a)pyrene	23.713	252	8482	0.196	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.273	276	10871	0.170	ng/ul	95
28) Dibenzo(a,h)anthracene	26.284	278	9999	0.199	ng/ul#	90

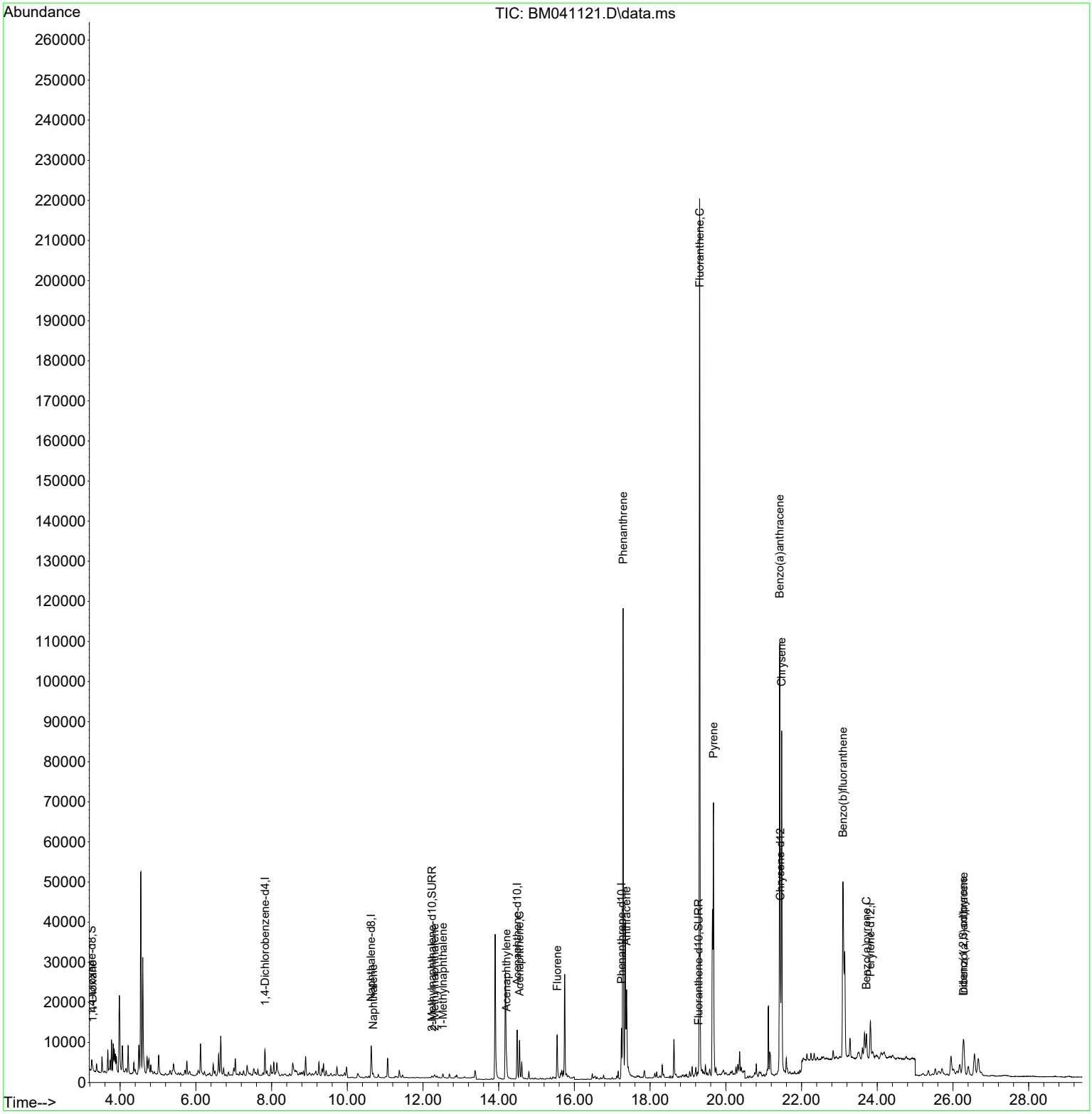
(#) = qualifier out of range (m) = manual integration (+) = signals summed

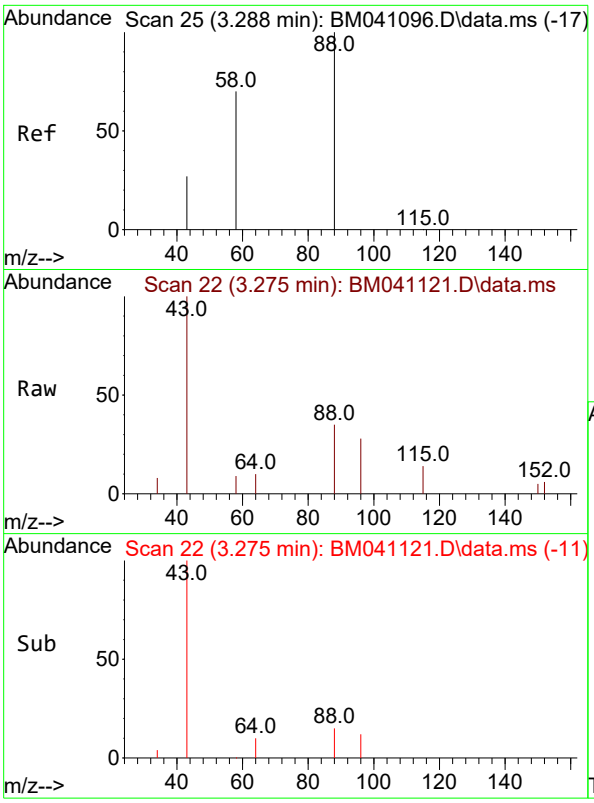
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041121.D
Acq On : 26 Jul 2023 00:31
Operator : MA/JU
Sample : 03540-05DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4732DL

Quant Time: Jul 26 04:42:34 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 : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



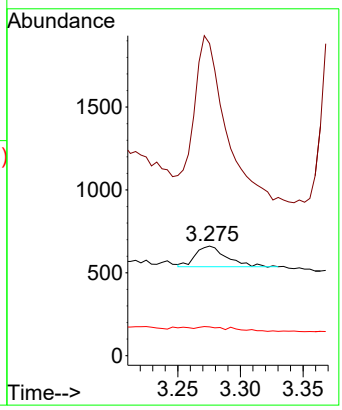


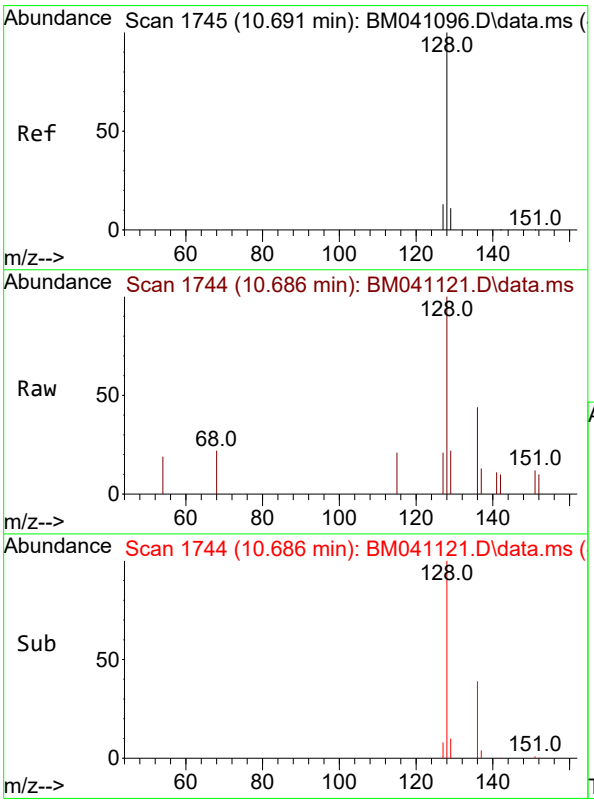
#2
1,4-Dioxane
Concen: 0.036 ng/ul
RT: 3.275 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion: 88 Resp: 213

Ion	Ratio	Lower	Upper
88	100		
43	285.0	83.1	124.7#
58	26.3	38.8	58.2#

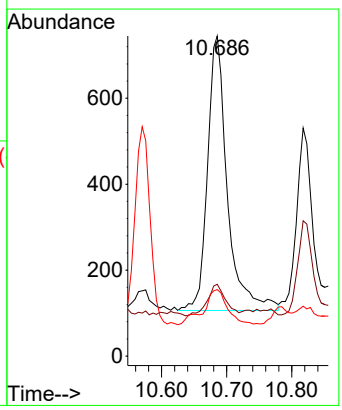


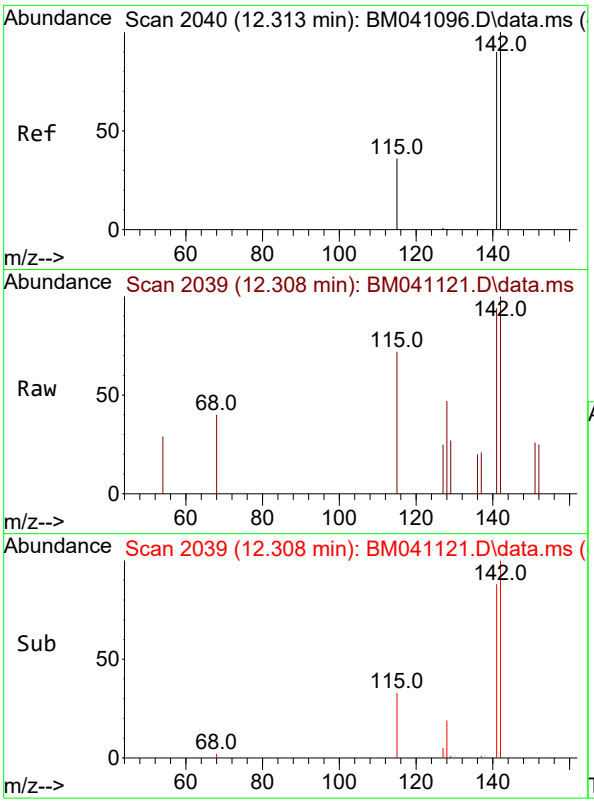


#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:128 Resp: 1352

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.8	14.8#
127	20.8	11.1	16.7#



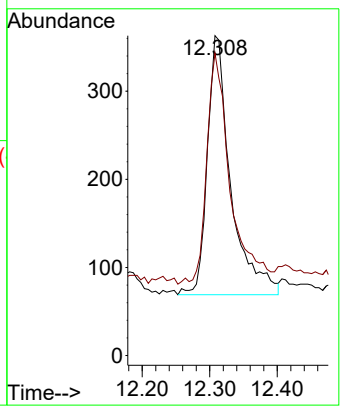


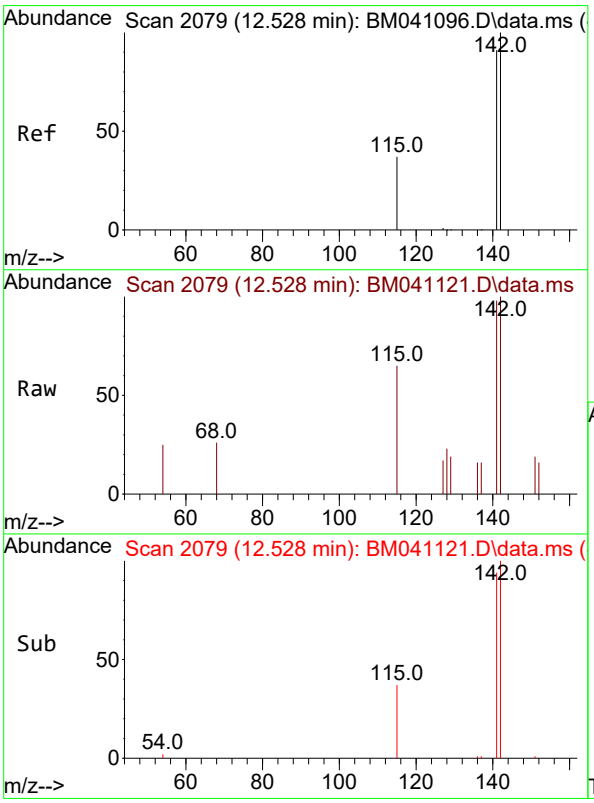
#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.308 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:142 Resp: 711

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.3	109.9

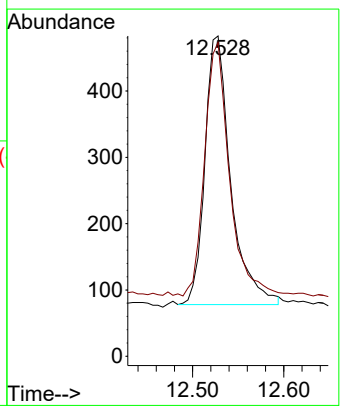


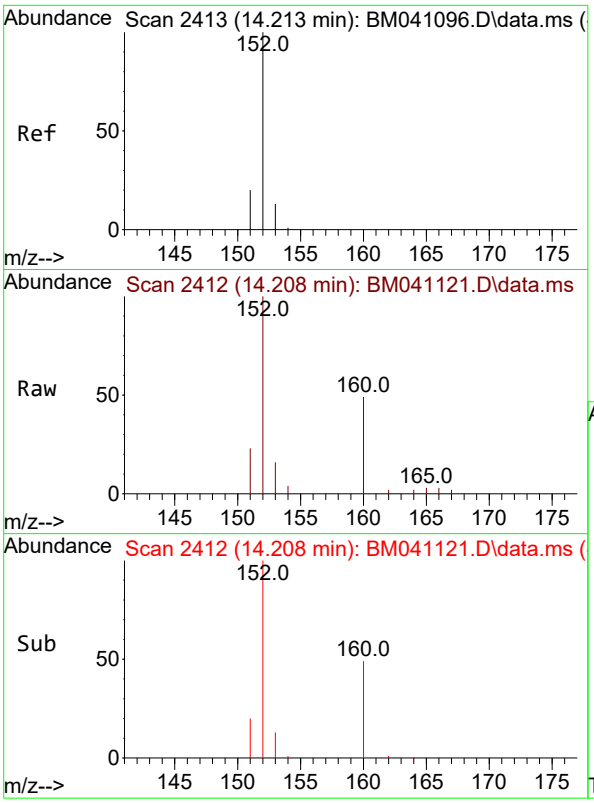


#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:142 Resp: 798

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.6	110.4



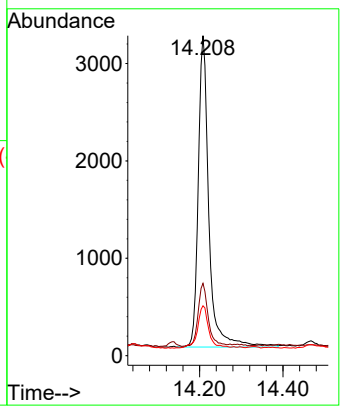


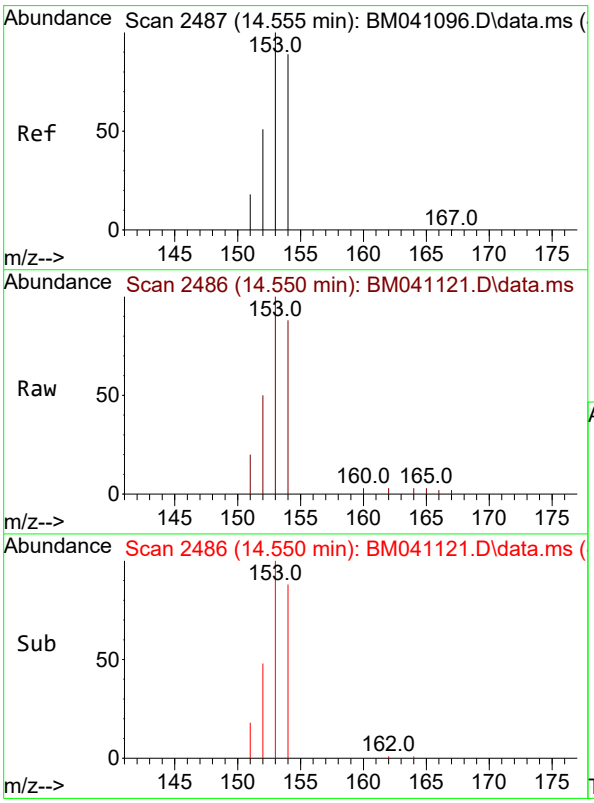
#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 14.208 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:152 Resp: 5679

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.8	25.2
153	15.6	11.4	17.2

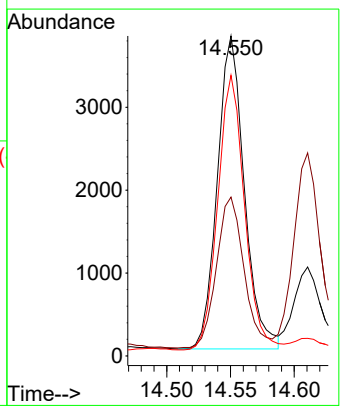


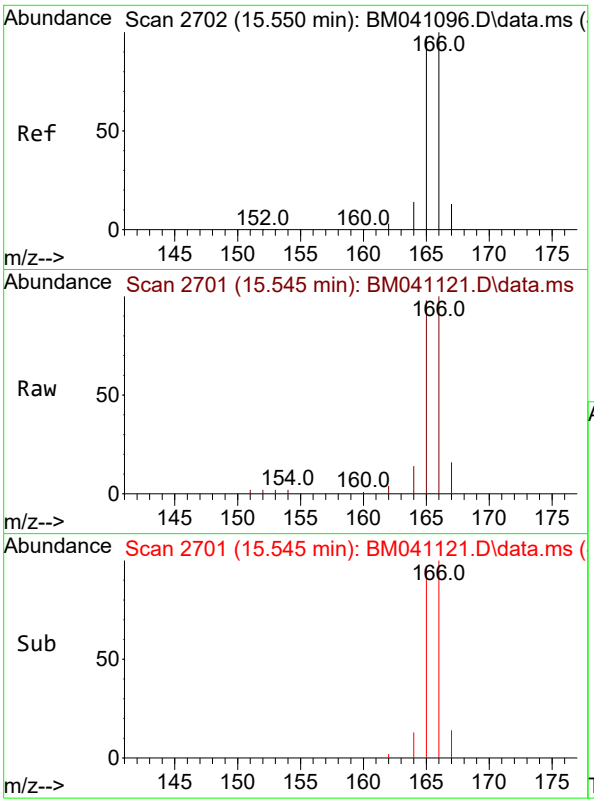


#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:153 Resp: 5560

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.2	60.4
154	87.7	70.3	105.5



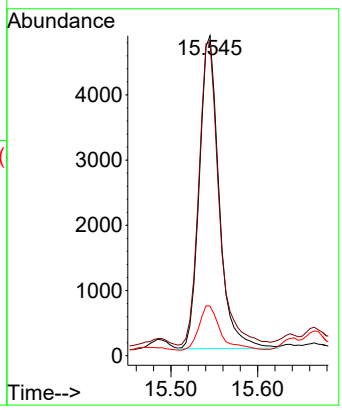


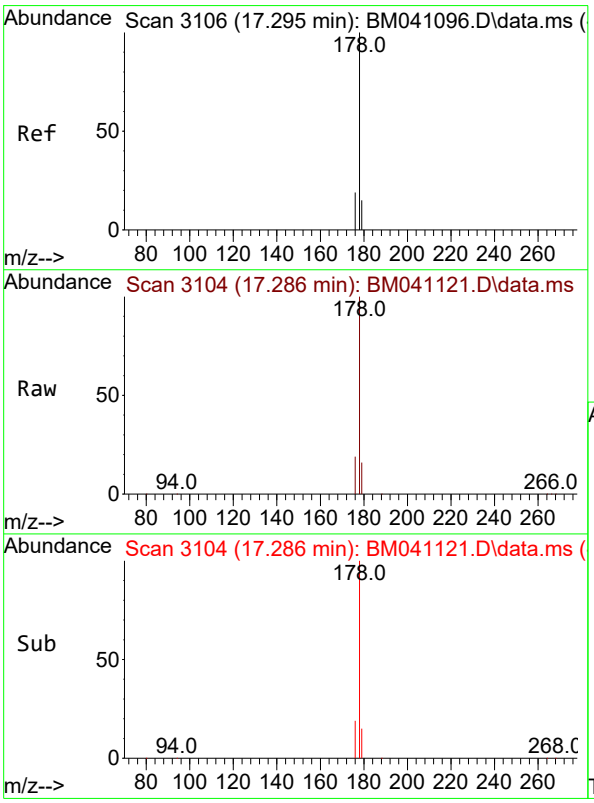
#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.545 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:166 Resp: 7548

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.4	119.0
167	15.5	11.4	17.2

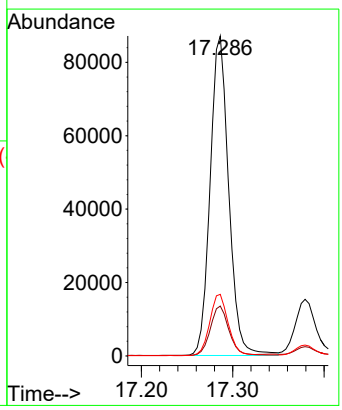


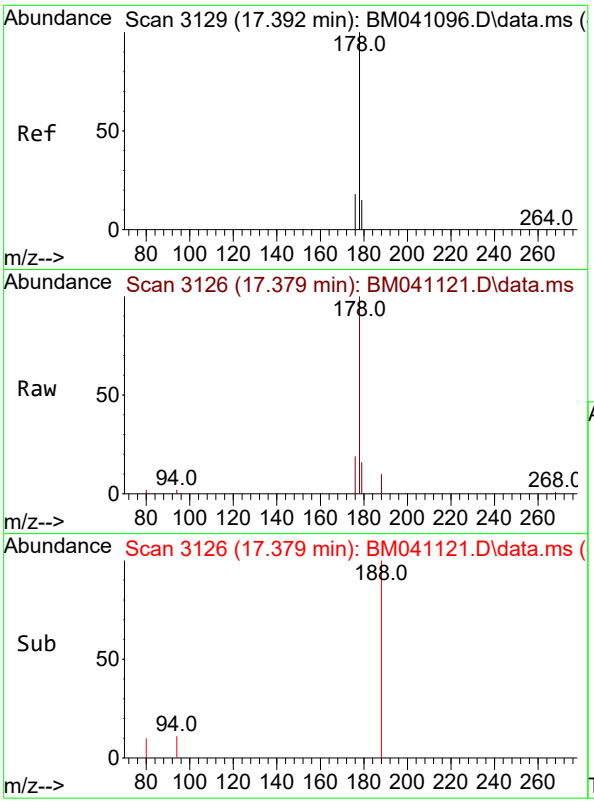


#15
Phenanthrene
Concen: 2.615 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:178 Resp: 122965

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.2	16.0	24.0



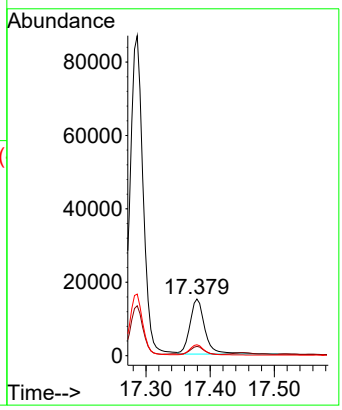


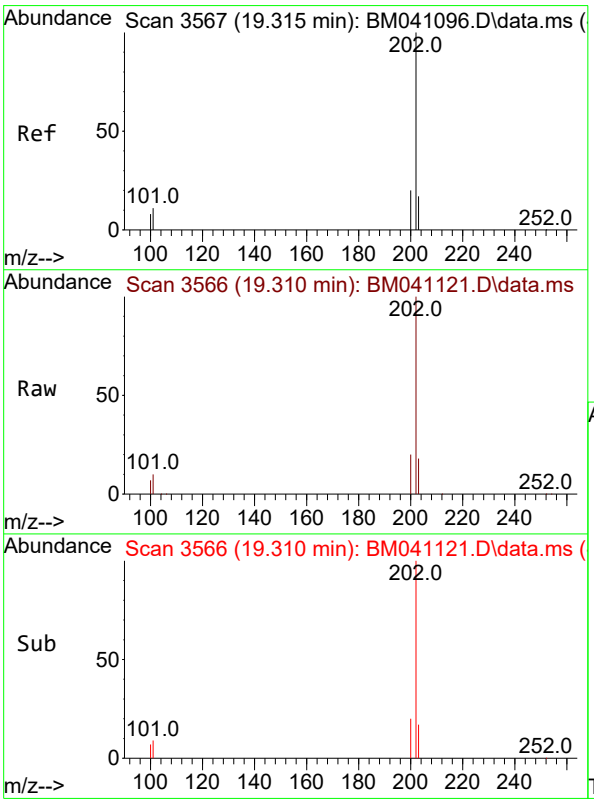
#16
Anthracene
Concen: 0.642 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:178 Resp: 24451

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.4	16.0	24.0

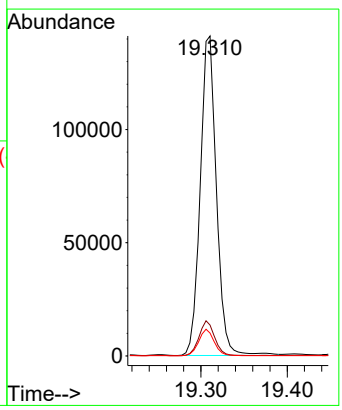


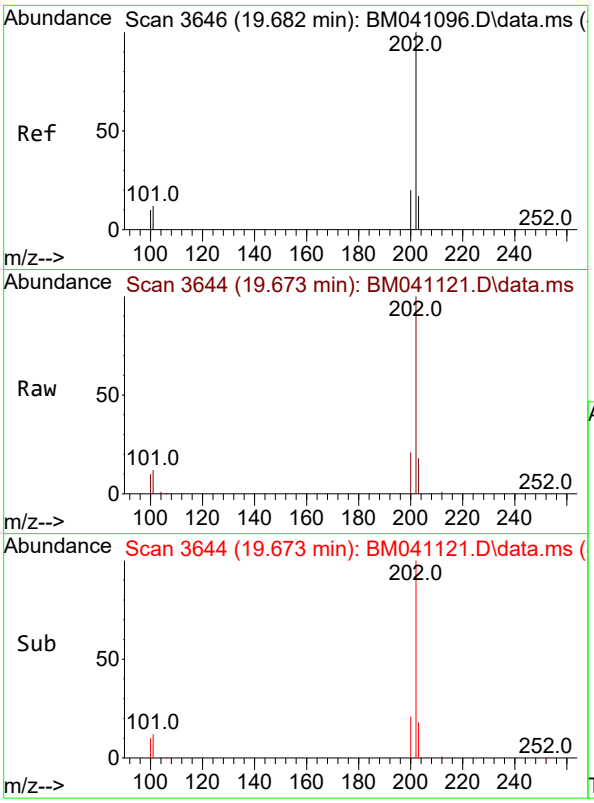


#19
Fluoranthene
Concen: 4.198 ng/ul
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:202 Resp: 184183

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.4	14.0
100	7.2	7.1	10.7



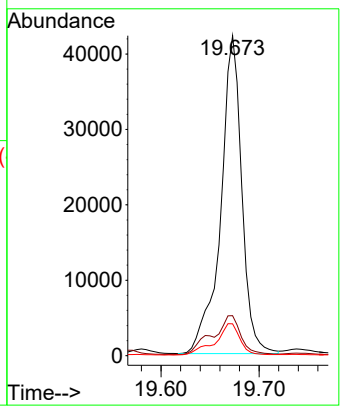


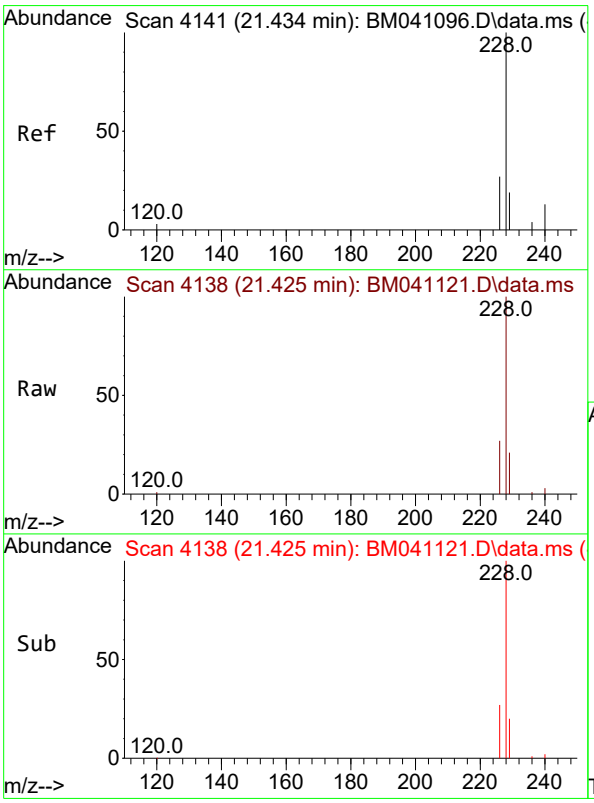
#20
Pyrene
Concen: 1.307 ng/ul
RT: 19.673 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:202 Resp: 63229

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.7	16.1
100	10.0	8.5	12.7

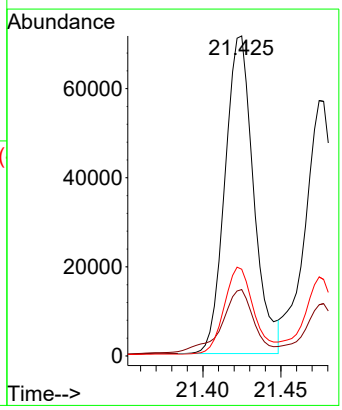


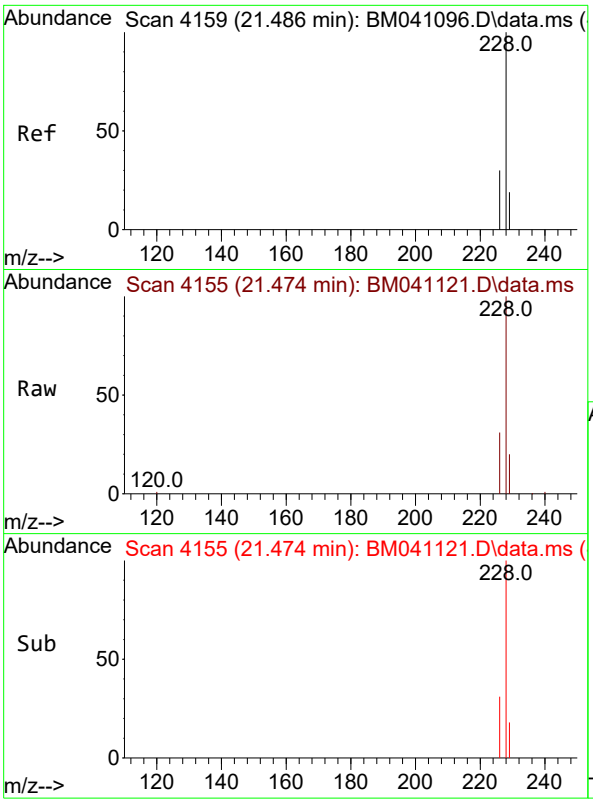


#21
Benzo(a)anthracene
Concen: 2.235 ng/ul
RT: 21.425 min Scan# 4138
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:228 Resp: 91479

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.5	24.7
226	27.1	22.2	33.2



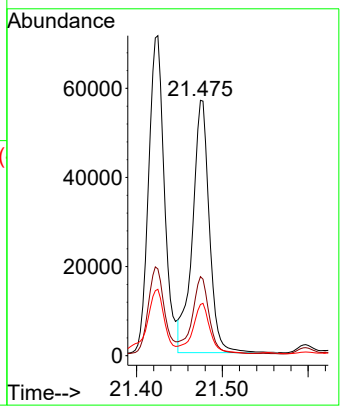


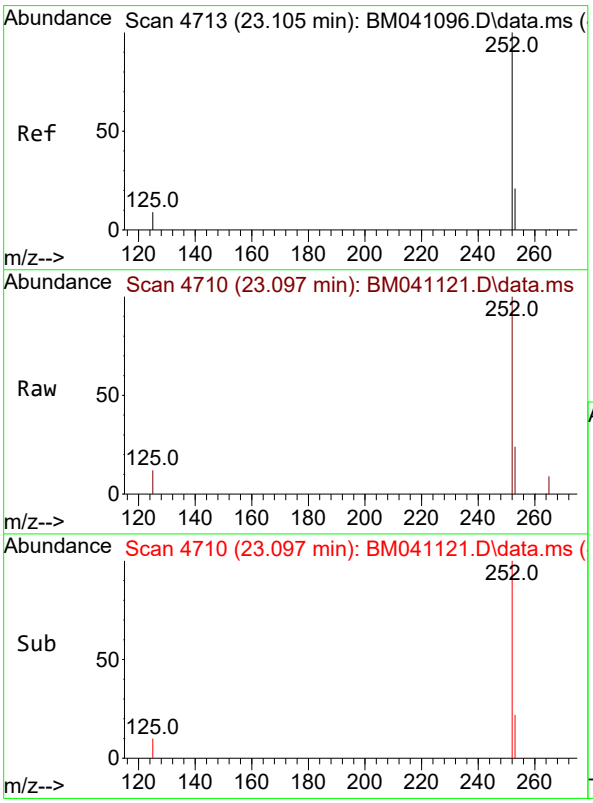
#22
Chrysene
Concen: 1.630 ng/ul
RT: 21.474 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:228 Resp: 77054

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	20.1	15.9	23.9

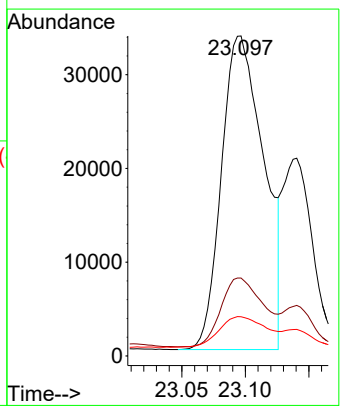


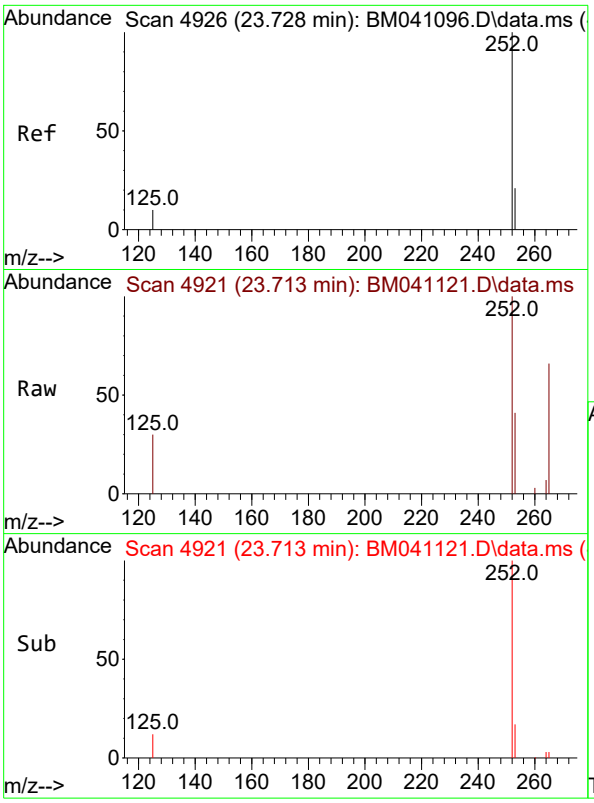


#24
Benzo(b)fluoranthene
Concen: 1.455 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:252 Resp: 77785

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	57.6
125	12.3	0.0	33.6



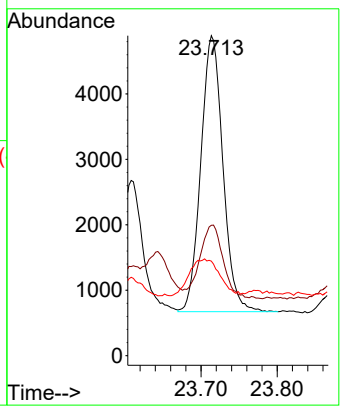


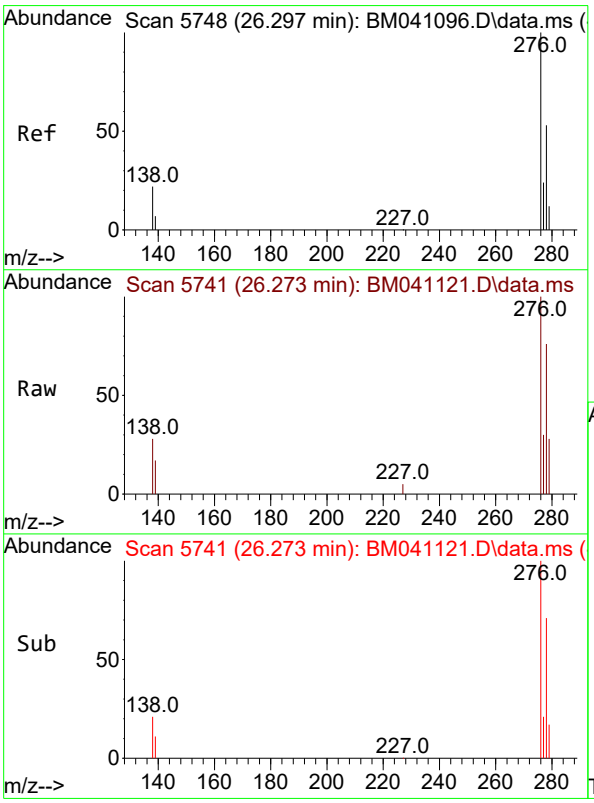
#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.713 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:252 Resp: 8482

Ion	Ratio	Lower	Upper
252	100		
253	40.7	26.7	40.1#
125	29.5	18.1	27.1#

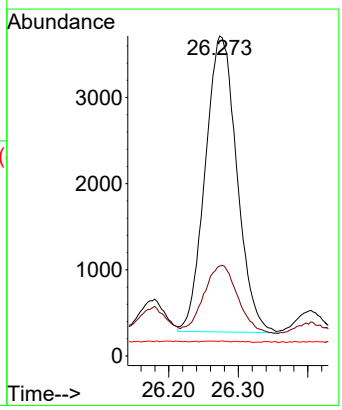


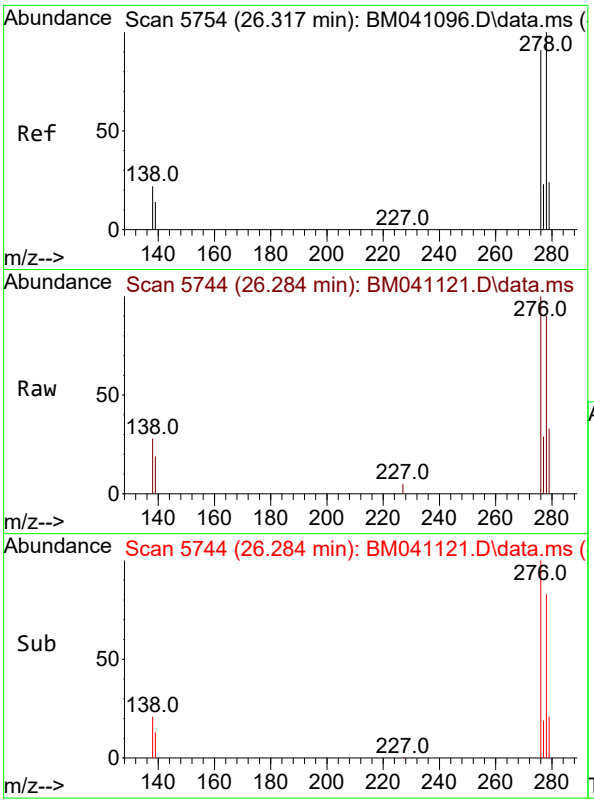


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 26.273 min Scan# 5741
Delta R.T. -0.024 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Tgt Ion:276 Resp: 10871

Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.1	27.1
227	0.2	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.199 ng/ul
RT: 26.284 min Scan# 5
Delta R.T. -0.034 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

Instrument :
BNA_P
ClientSampleId :
A4732DL

Tgt Ion:278 Resp: 9999

Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.1	21.1#
279	37.2	25.0	37.4