Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041044.D
Acq On : 22 Jul 2023 08:25
Operator : MA/JU
Sample : 03540-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:10 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	4400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14552	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	9815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	24831	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.466	240	13667	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	22593	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16775	2.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	9020	0.465	ng/ul	-0.01
18) Fluoranthene-d10	19.301	212	18711	0.325	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1796	0.236	ng/ul#	1
5) Naphthalene	10.708	128	808790	20.320	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	304746	13.955	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	223795	9.646	ng/ul	99
10) Acenaphthylene	14.231	152	159720	3.885	ng/ul	98
11) Acenaphthene	14.574	153	1018123	28.096	ng/ul	96
12) Fluorene	15.564	166	1287679	34.322	ng/ul	96
14) Pentachlorophenol	16.923	266	234	0.047	ng/ul	95
15) Phenanthrene	17.320	178	10150335	136.763	ng/ul	97
16) Anthracene	17.405	178	2249417	38.898	ng/ul	97
19) Fluoranthene	19.343	202	10009843	141.856	ng/ul	94
20) Pyrene	19.696	202	2841175	39.412	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	4280970	102.825	ng/ul	96
22) Chrysene	21.504	228	3312856	69.605	ng/ul#	95
24) Benzo(b)fluoranthene	23.135	252	3877423	44.714	ng/ul	83
25) Benzo(k)fluoranthene	23.135	252	772436	9.375	ng/ul#	83
26) Benzo(a)pyrene	23.746	252	461802	6.165	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.324	276	605361	6.091	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.334	278	546393	7.267	ng/ul#	88
29) Benzo(g,h,i)perylene	27.082	276	25902	0.282	ng/ul#	65

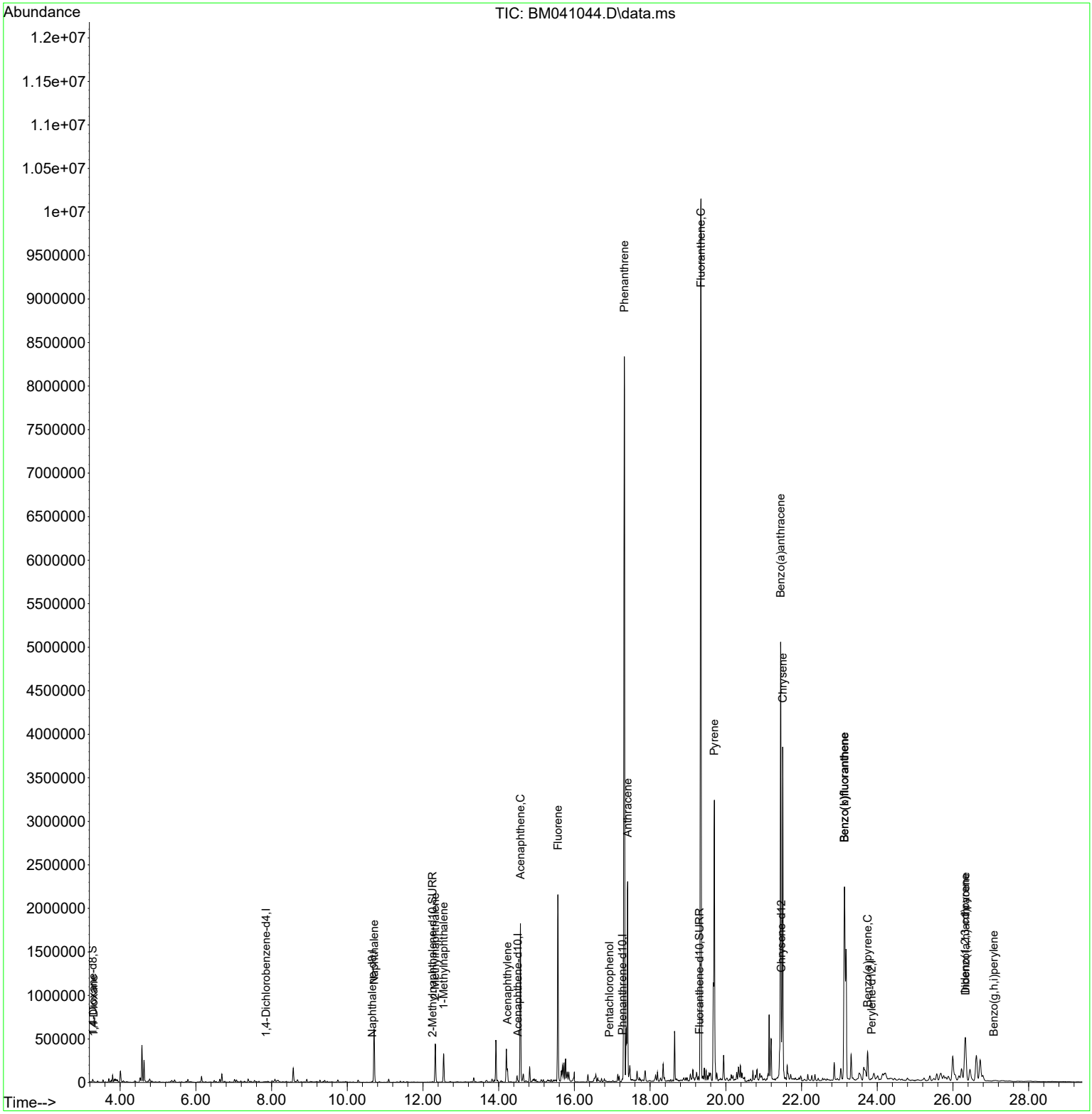
(#) = qualifier out of range (m) = manual integration (+) = signals summed

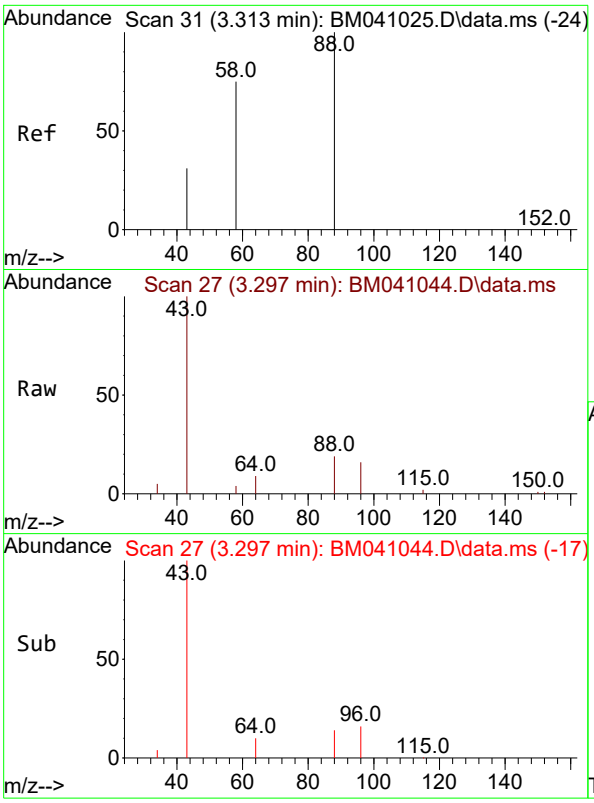
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041044.D
Acq On : 22 Jul 2023 08:25
Operator : MA/JU
Sample : 03540-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:10 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



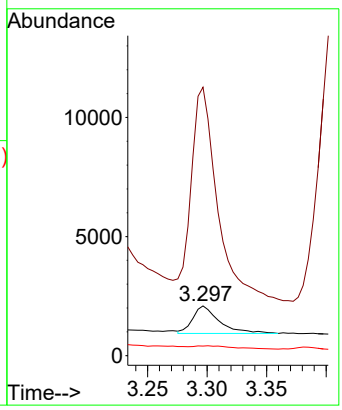


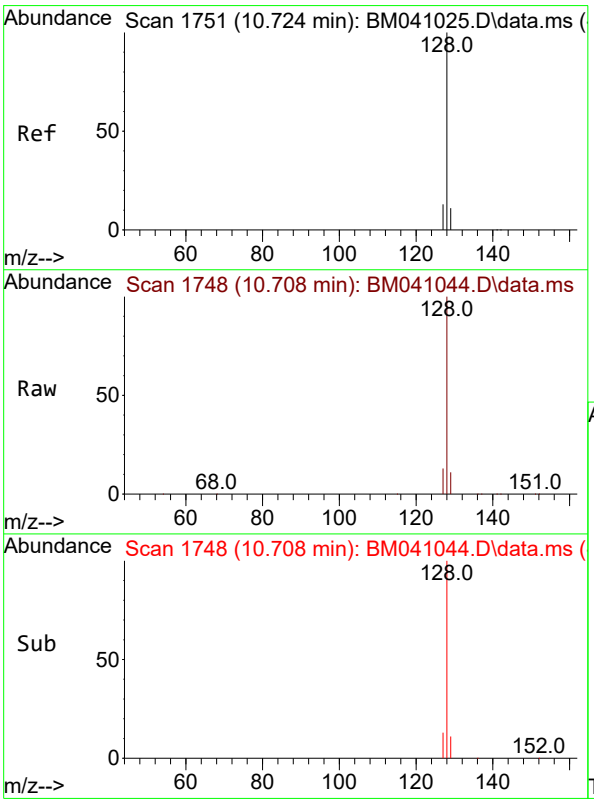
#2
1,4-Dioxane
Concen: 0.236 ng/ul
RT: 3.297 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1796

Ion	Ratio	Lower	Upper
88	100		
43	538.9	46.7	70.1#
58	19.3	40.3	60.5#

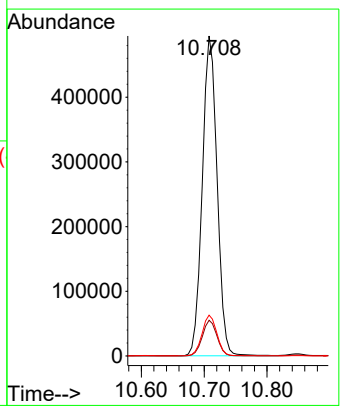


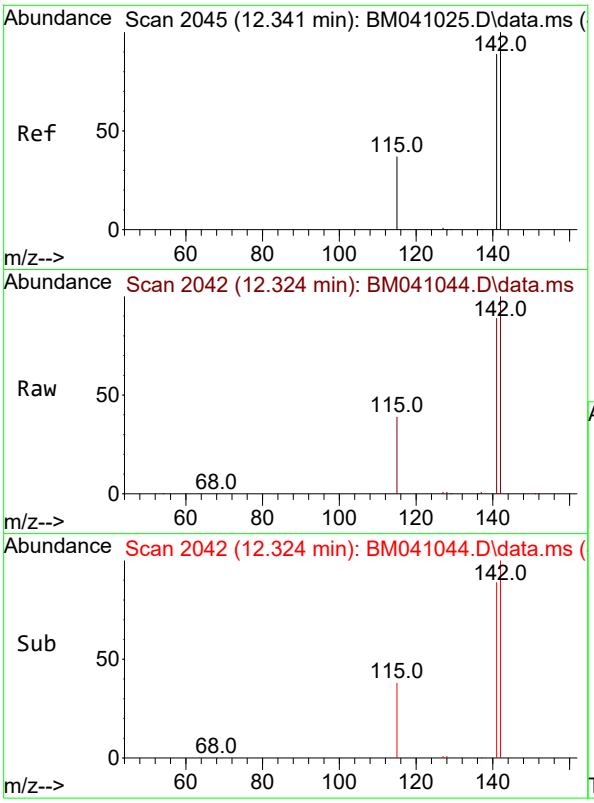


#5
Naphthalene
Concen: 20.320 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:128 Resp: 808790

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.8
127	12.8	11.0	16.4



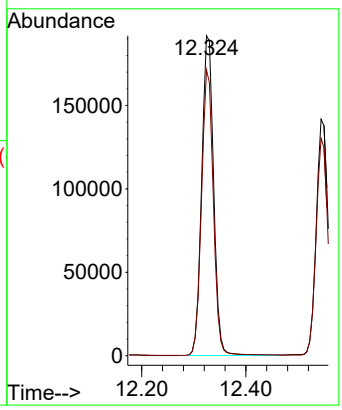


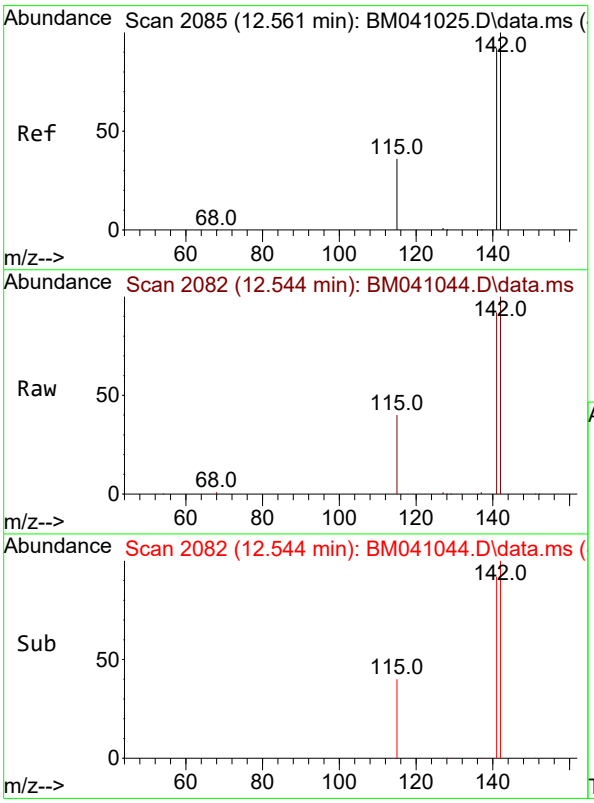
#7
2-Methylnaphthalene
Concen: 13.955 ng/ul
RT: 12.324 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 304746

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.2	109.8

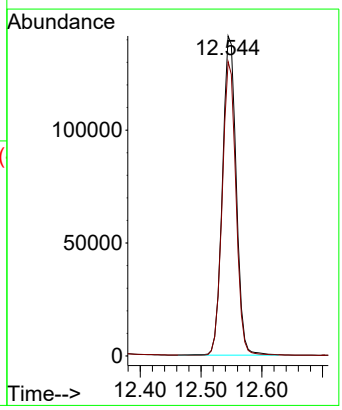


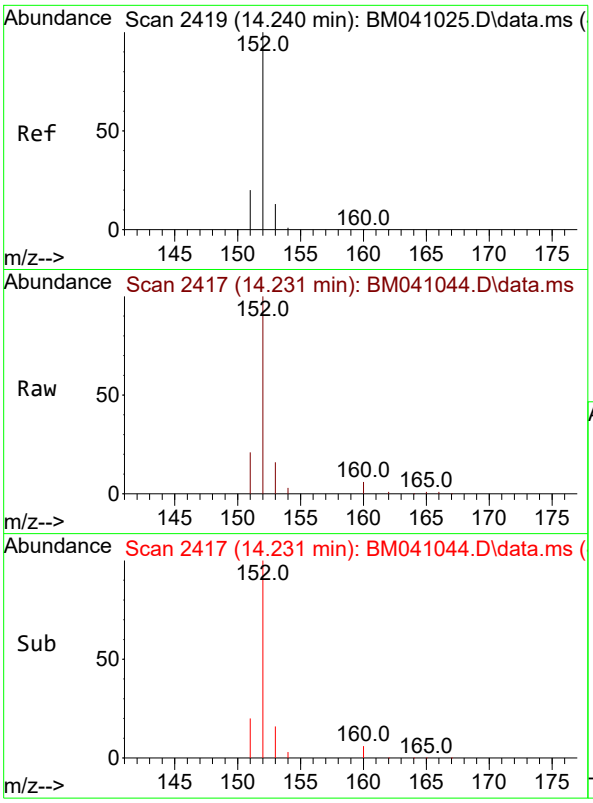


#8
1-Methylnaphthalene
Concen: 9.646 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:142 Resp: 223795

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.4	110.2



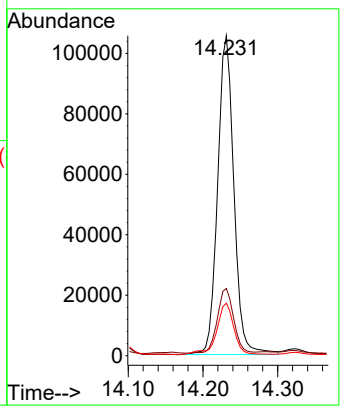


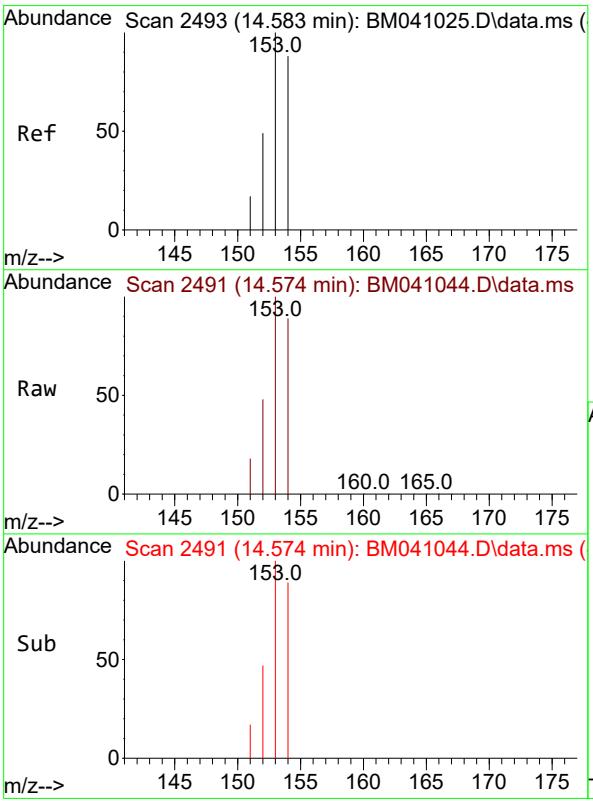
#10
Acenaphthylene
Concen: 3.885 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 159720

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	16.4	11.6	17.4

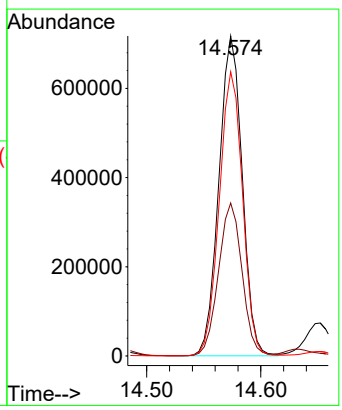


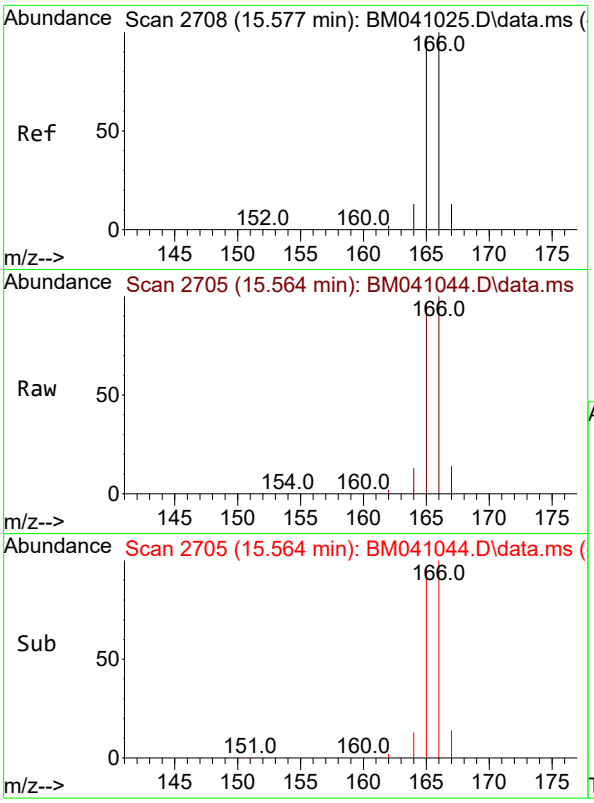


#11
Acenaphthene
Concen: 28.096 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:153 Resp: 1018123

Ion	Ratio	Lower	Upper
153	100		
152	47.8	41.0	61.6
154	88.8	68.2	102.2



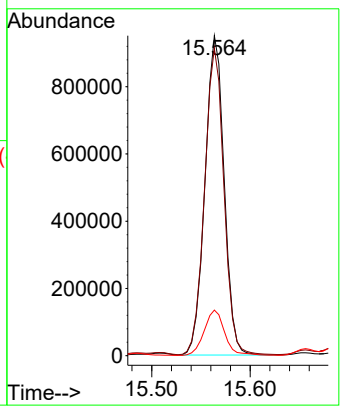


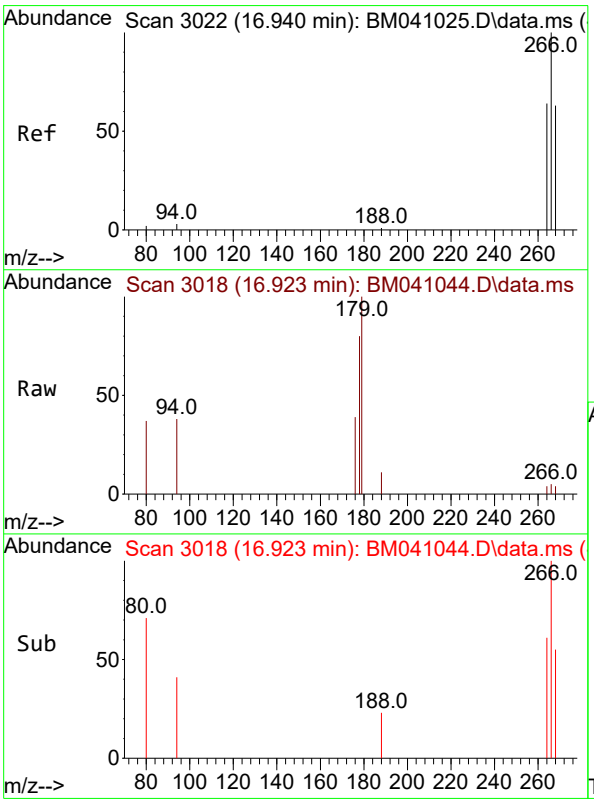
#12
Fluorene
Concen: 34.322 ng/ul
RT: 15.564 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1287679

Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.3	120.5
167	14.3	11.7	17.5

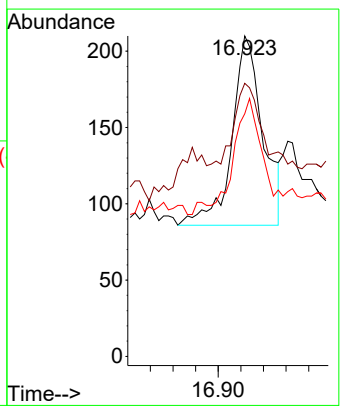


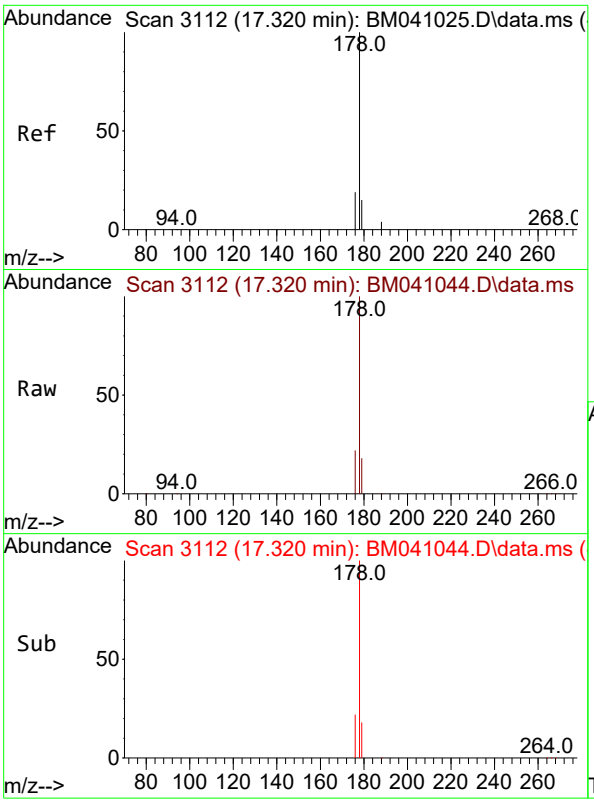


#14
Pentachlorophenol
Concen: 0.047 ng/ul
RT: 16.923 min Scan# 3018
Delta R.T. -0.012 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:266 Resp: 234

Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.7	76.1
268	60.7	52.8	79.2



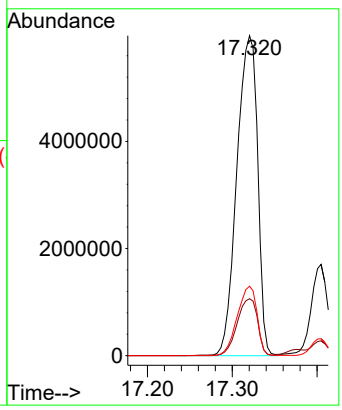


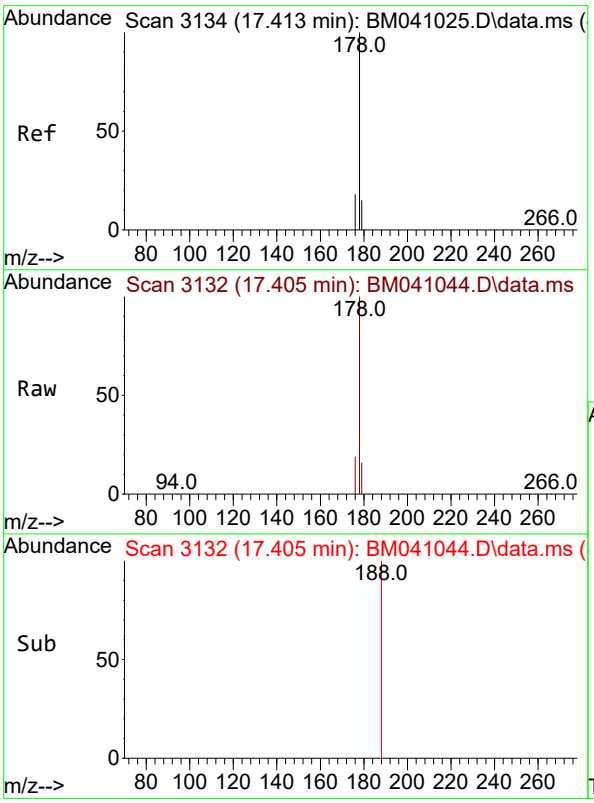
#15
Phenanthrene
Concen: 136.763 ng/ul
RT: 17.320 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:10150335

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	21.7	16.2	24.4

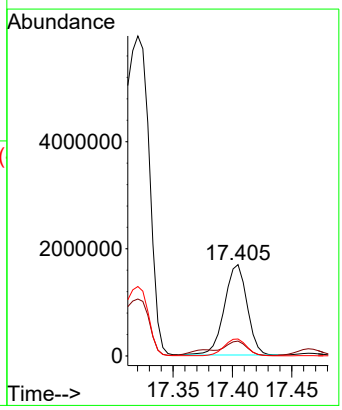


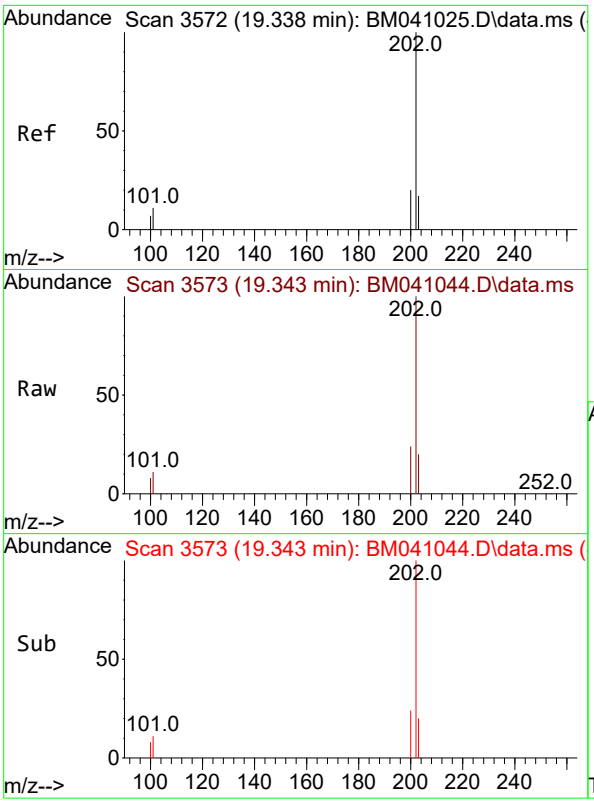


#16
Anthracene
Concen: 38.898 ng/ul
RT: 17.405 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:178 Resp: 2249417

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.7	20.5
176	18.6	16.4	24.6



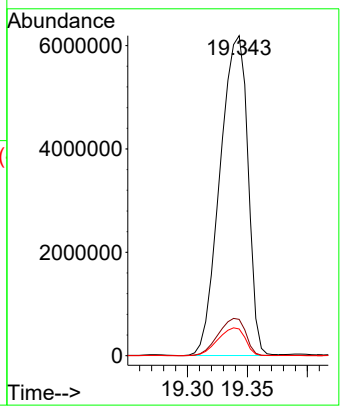


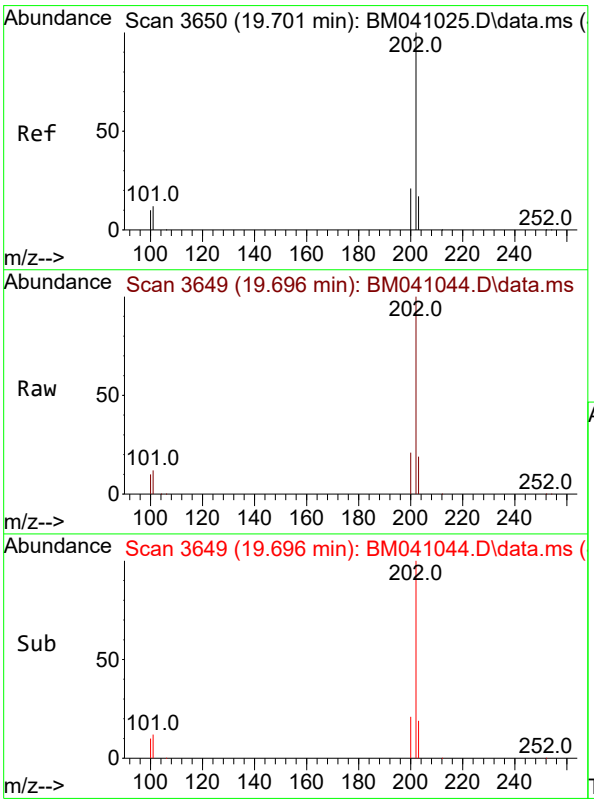
#19
Fluoranthene
Concen: 141.856 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. 0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:10009843

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.0	16.4
100	8.4	8.3	12.5

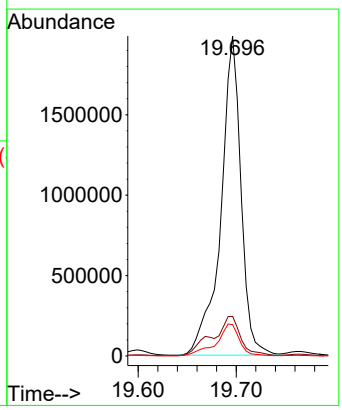


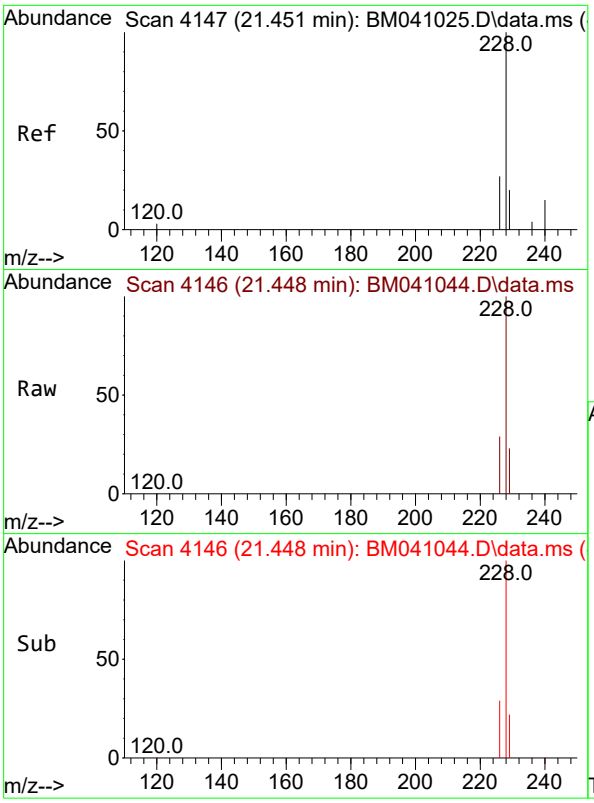


#20
Pyrene
Concen: 39.412 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:202 Resp: 2841175

Ion	Ratio	Lower	Upper
202	100		
101	12.4	12.5	18.7#
100	9.8	10.0	15.0#



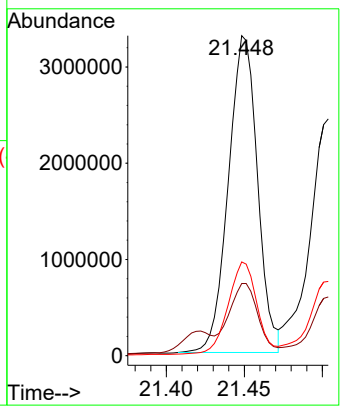


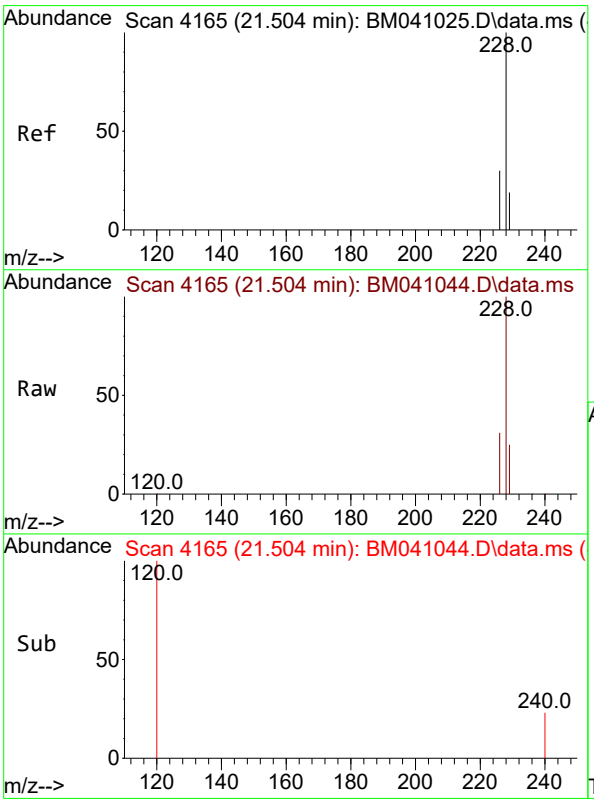
#21
Benzo(a)anthracene
Concen: 102.825 ng/ul
RT: 21.448 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 4280970

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.4
226	29.3	22.3	33.5

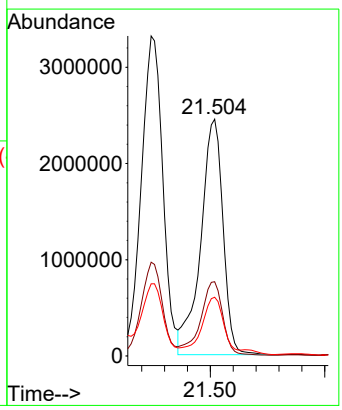


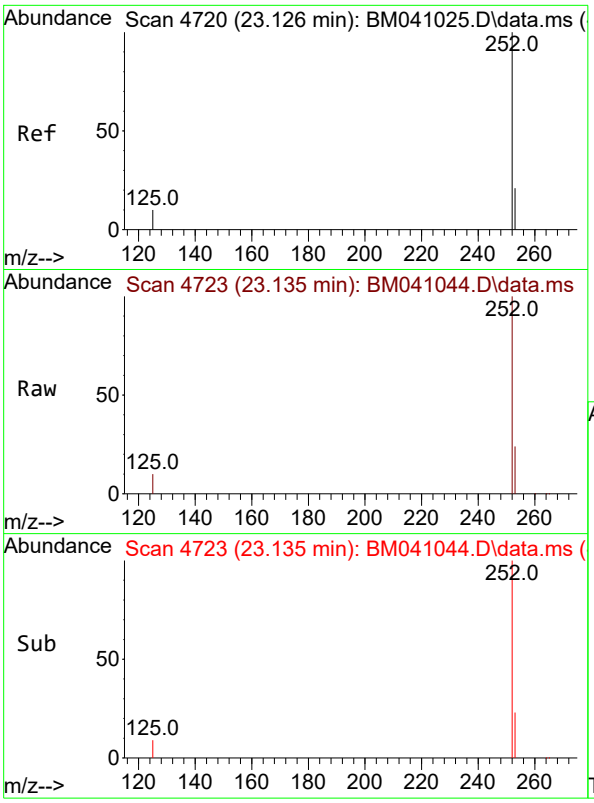


#22
Chrysene
Concen: 69.605 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:228 Resp: 3312856

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	24.8	16.1	24.1#



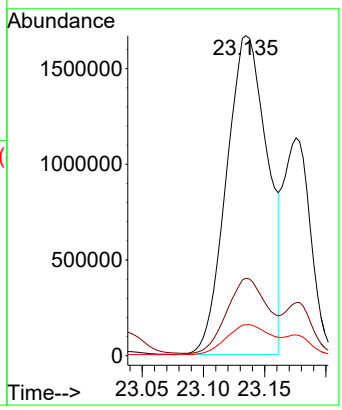


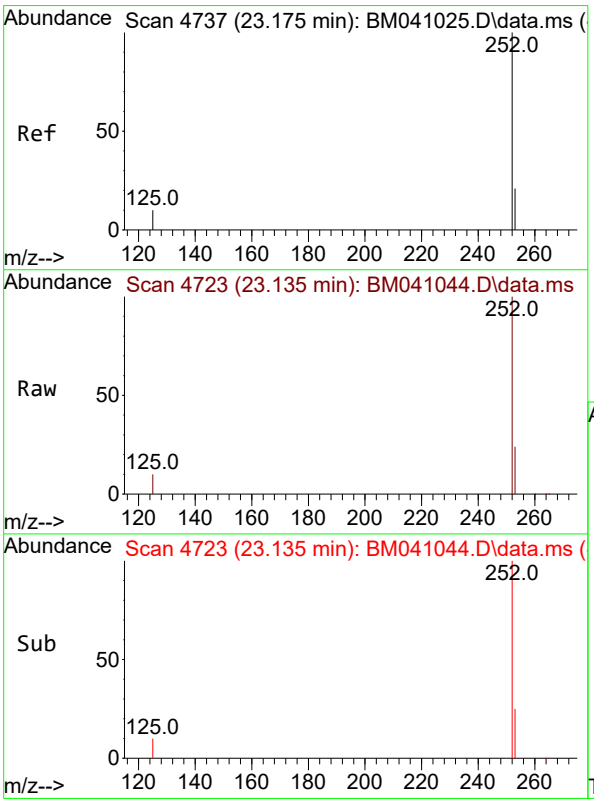
#24
Benzo(b)fluoranthene
Concen: 44.714 ng/ul
RT: 23.135 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3877423

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	57.4
125	9.7	0.0	45.2

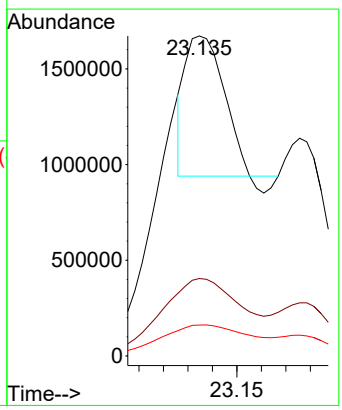


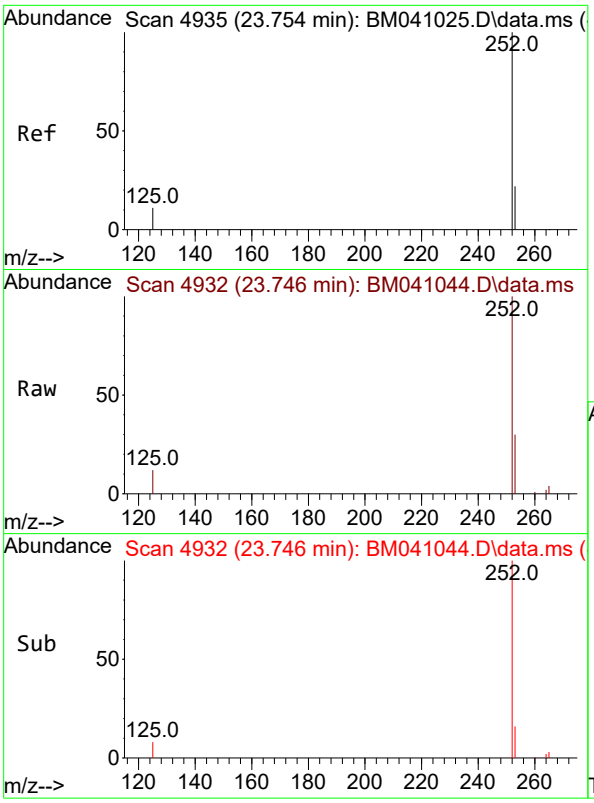


#25
Benzo(k)fluoranthene
Concen: 9.375 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.038 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:252 Resp: 772436

Ion	Ratio	Lower	Upper
252	100		
253	24.2	23.3	34.9
125	9.7	18.2	27.2#



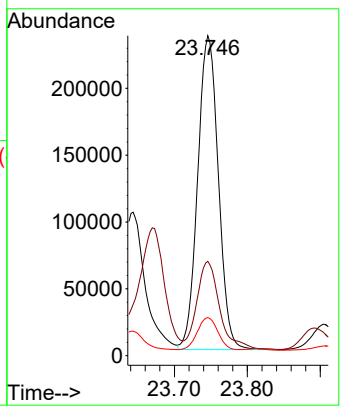


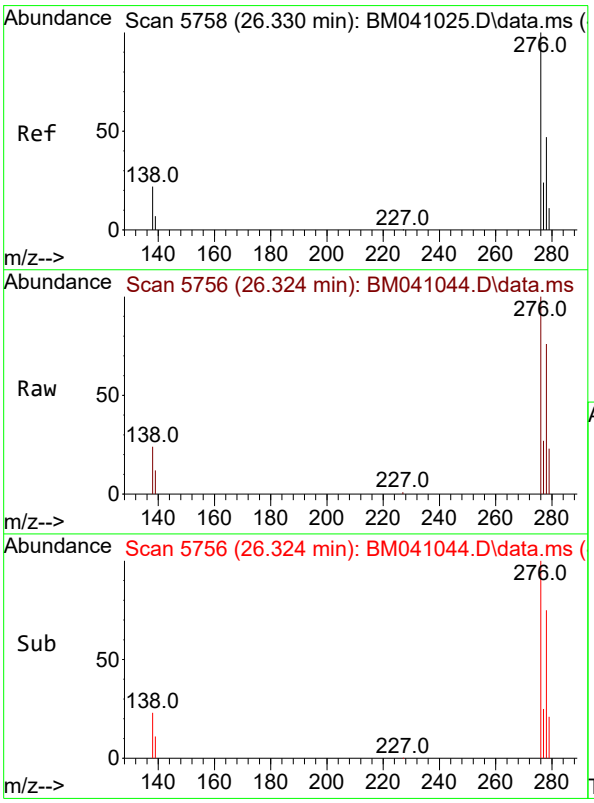
#26
Benzo(a)pyrene
Concen: 6.165 ng/ul
RT: 23.746 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 461802

Ion	Ratio	Lower	Upper
252	100		
253	29.5	28.2	42.2
125	11.9	25.2	37.8#

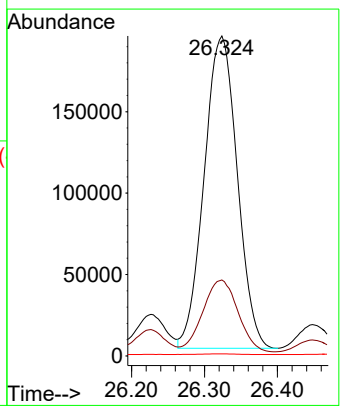


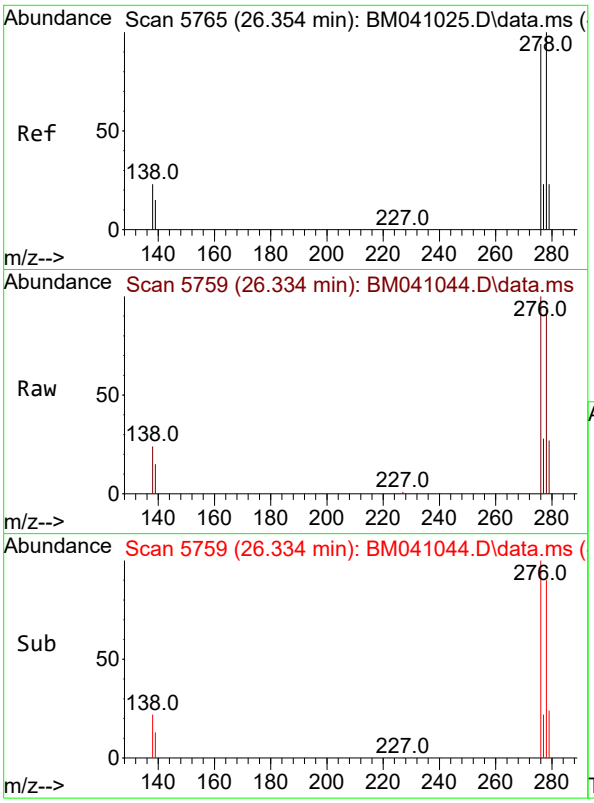


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.091 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:276 Resp: 605361

Ion	Ratio	Lower	Upper
276	100		
138	24.3	22.3	33.5
227	0.3	0.0	0.0#



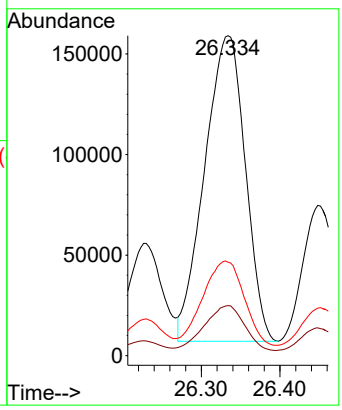


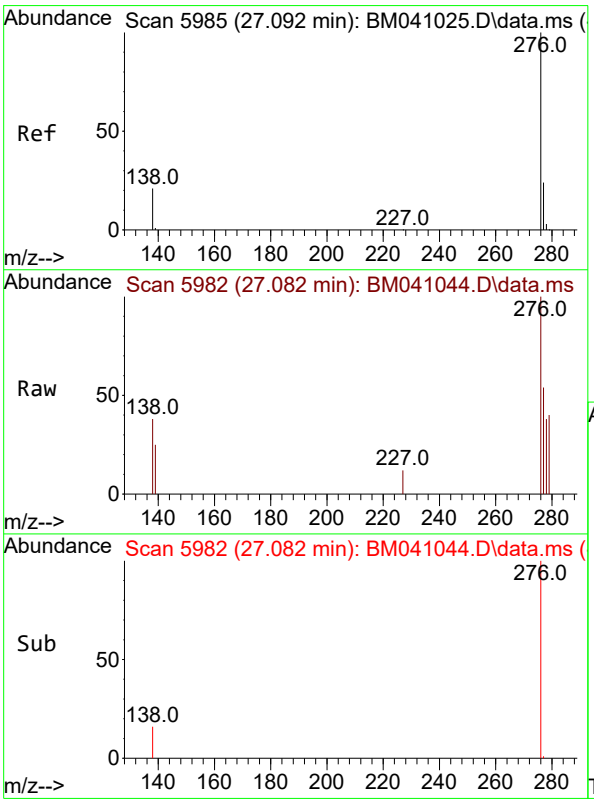
#28
Dibenzo(a,h)anthracene
Concen: 7.267 ng/ul
RT: 26.334 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 546393

Ion	Ratio	Lower	Upper
278	100		
139	15.7	19.2	28.8#
279	29.2	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:276 Resp: 25902

Ion	Ratio	Lower	Upper
276	100		
138	38.1	22.6	34.0#
277	53.8	21.2	31.8#