Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040922.D
Acq On : 17 Jul 2023 14:40
Operator : MA/JU
Sample : PB153876BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 18 02:46:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	11955	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	4908	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	7915	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	5244	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	5535	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3671	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4707	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5368	0.319	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	9500	1.635	ng/ul	89
5) Naphthalene	10.708	128	9989	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	5327	0.275	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	5433	0.281	ng/ul	99
10) Acenaphthylene	14.226	152	6059	0.276	ng/ul	98
11) Acenaphthene	14.564	153	5342	0.289	ng/ul	97
12) Fluorene	15.559	166	5209	0.264	ng/ul	97
14) Pentachlorophenol	16.919	266	1015	0.666	ng/ul	91
15) Phenanthrene	17.299	178	7135	0.290	ng/ul	98
16) Anthracene	17.396	178	5639	0.273	ng/ul	96
19) Fluoranthene	19.320	202	6898	0.310	ng/ul	100
20) Pyrene	19.687	202	7383	0.309	ng/ul	98
21) Benzo(a)anthracene	21.436	228	5131	0.289	ng/ul	98
22) Chrysene	21.489	228	6075	0.300	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	6568	0.307	ng/ul	93
25) Benzo(k)fluoranthene	23.155	252	6413	0.304	ng/ul#	89
26) Benzo(a)pyrene	23.728	252	5786	0.300	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.293	276	8619	0.321	ng/ul	95
28) Dibenzo(a,h)anthracene	26.307	278	6864	0.326	ng/ul	95
29) Benzo(g,h,i)perylene	27.045	276	7709	0.327	ng/ul	98

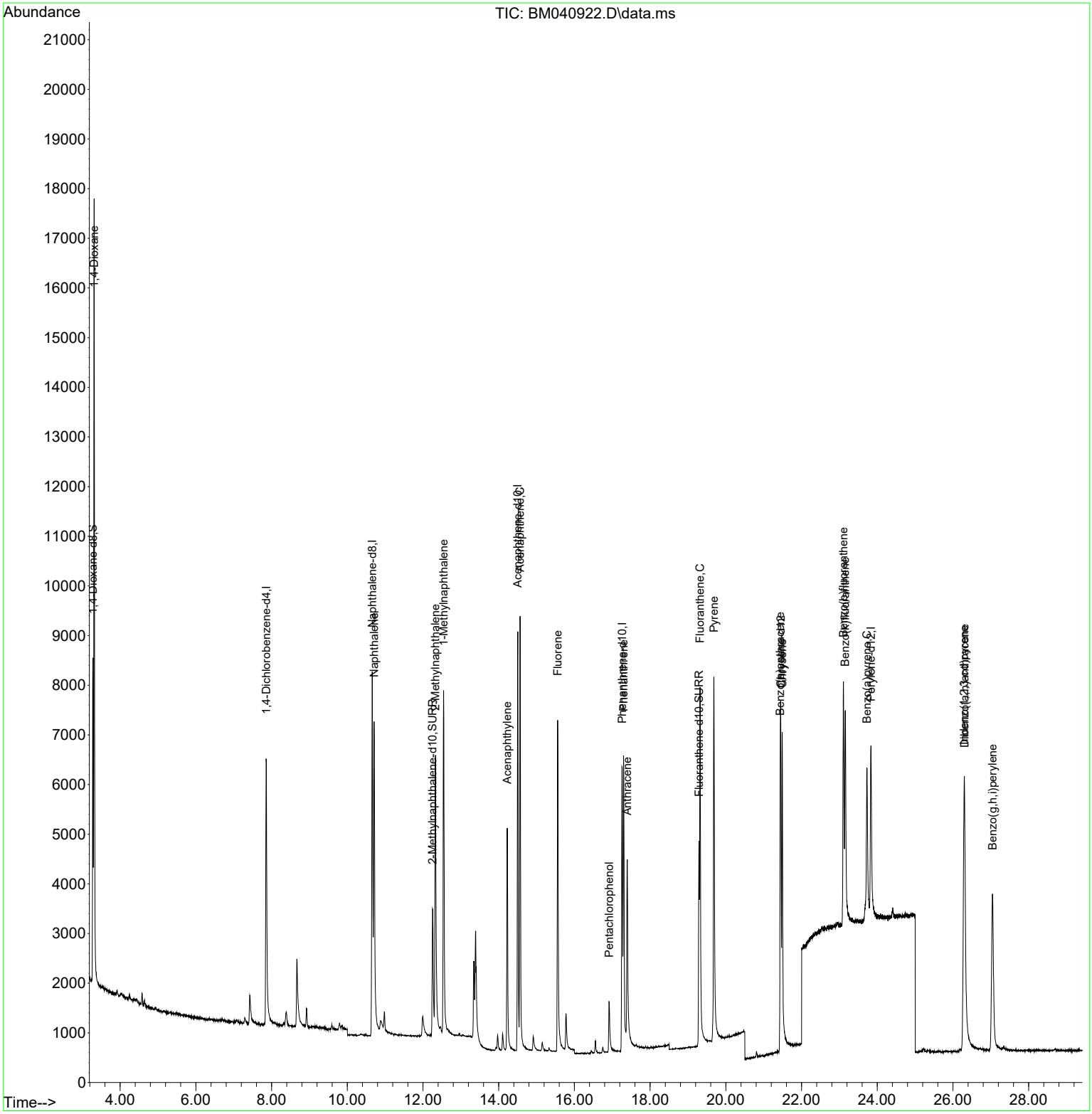
(#) = qualifier out of range (m) = manual integration (+) = signals summed

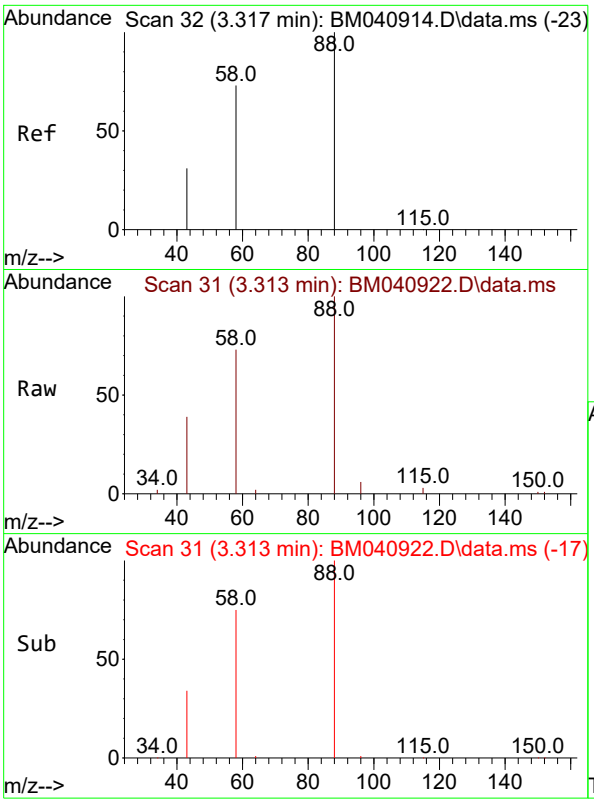
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040922.D
Acq On : 17 Jul 2023 14:40
Operator : MA/JU
Sample : PB153876BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 18 02:46:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration



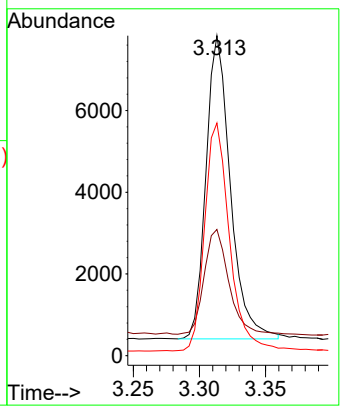


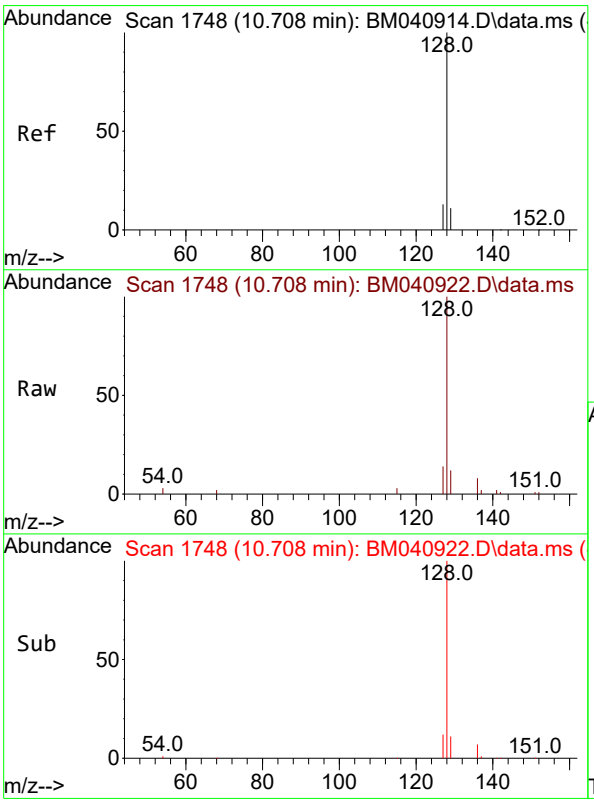
#2
1,4-Dioxane
Concen: 1.635 ng/ul
RT: 3.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 9500

Ion	Ratio	Lower	Upper
88	100		
43	39.5	36.1	54.1
58	72.7	49.8	74.8

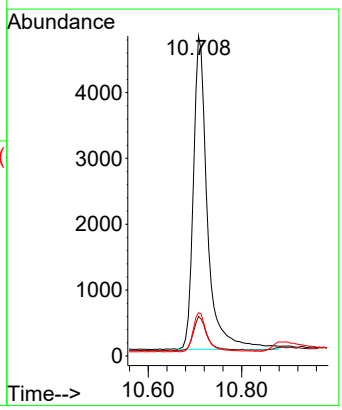


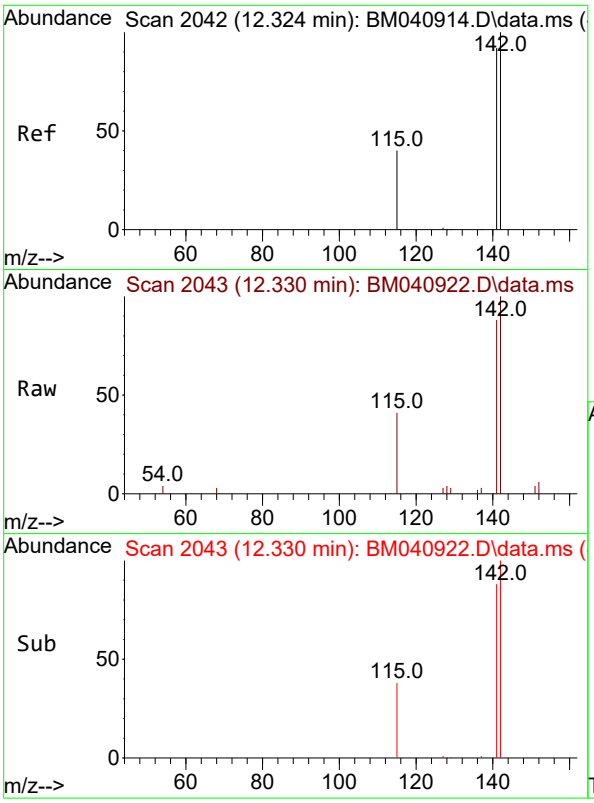


#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:128 Resp: 9989

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	13.5	10.6	15.8



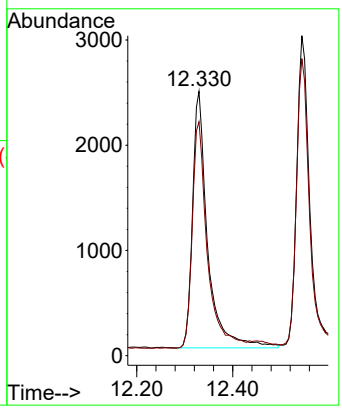


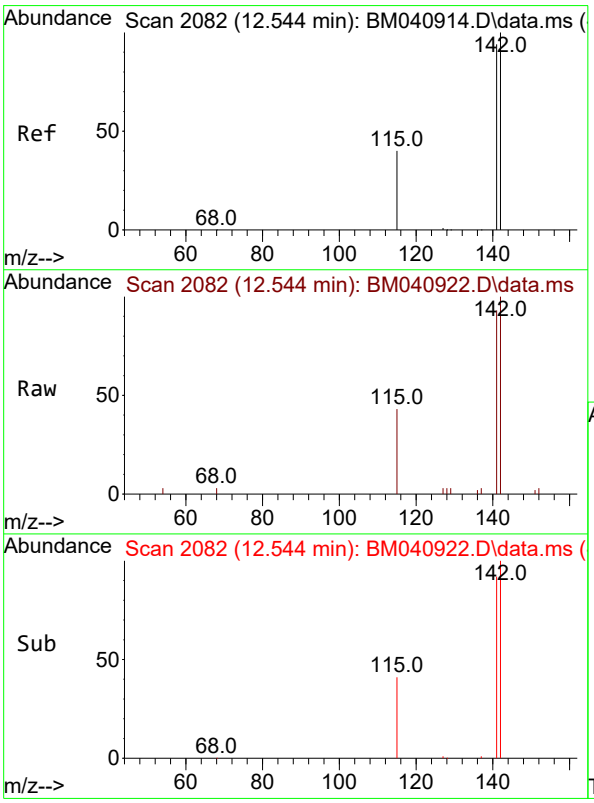
#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 5327

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.9	107.9

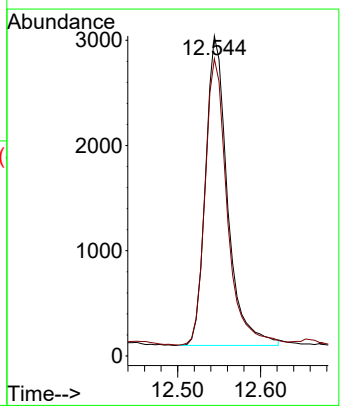


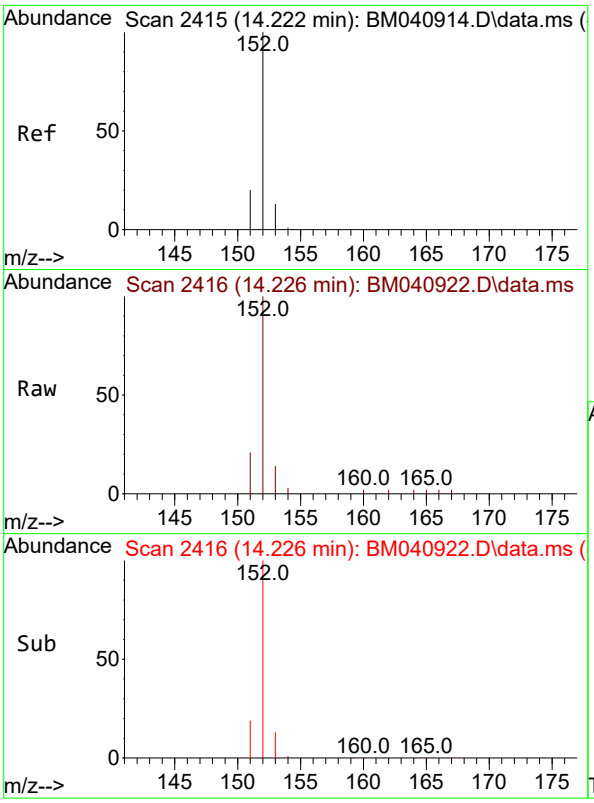


#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:142 Resp: 5433

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.7	110.5



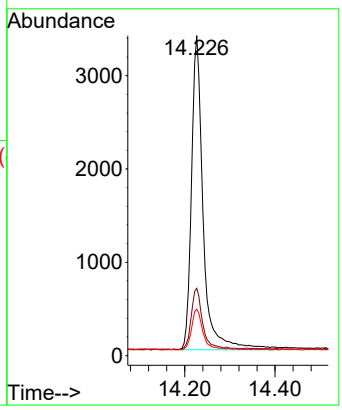


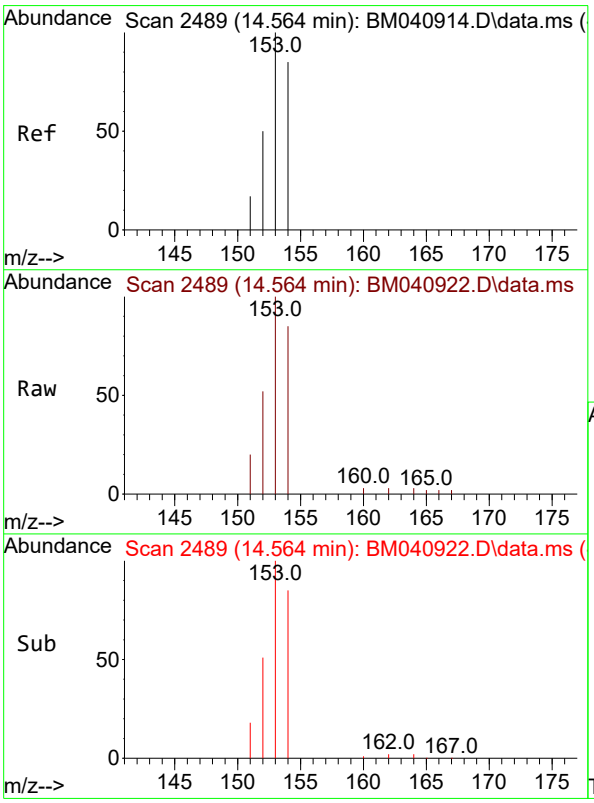
#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 14.226 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 6059

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2
153	14.5	10.9	16.3

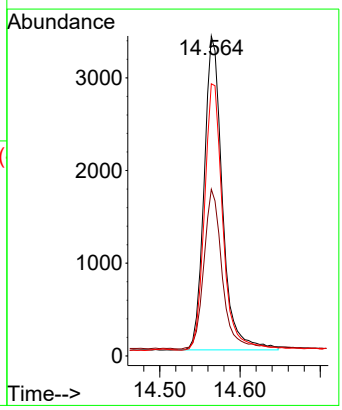


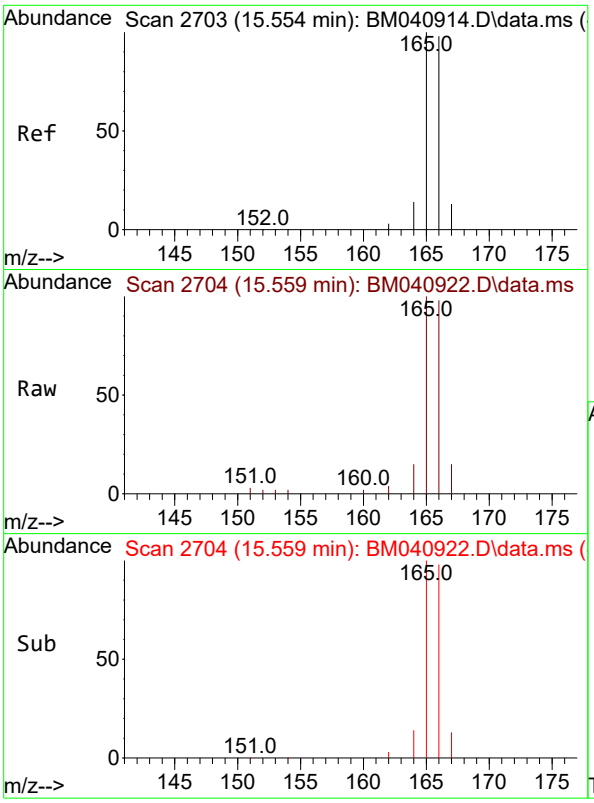


#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:153 Resp: 5342

Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.0	61.4
154	85.1	70.8	106.2



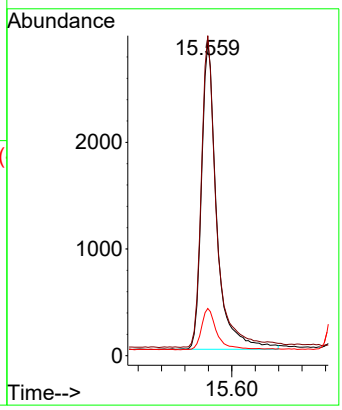


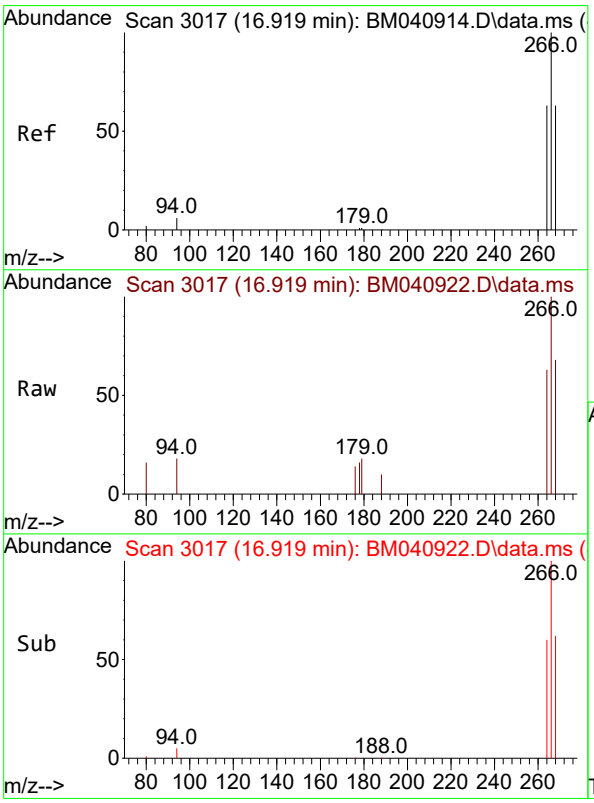
#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.559 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 5209

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.6	119.4
167	15.1	11.4	17.0

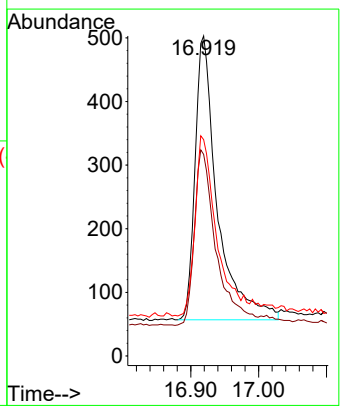


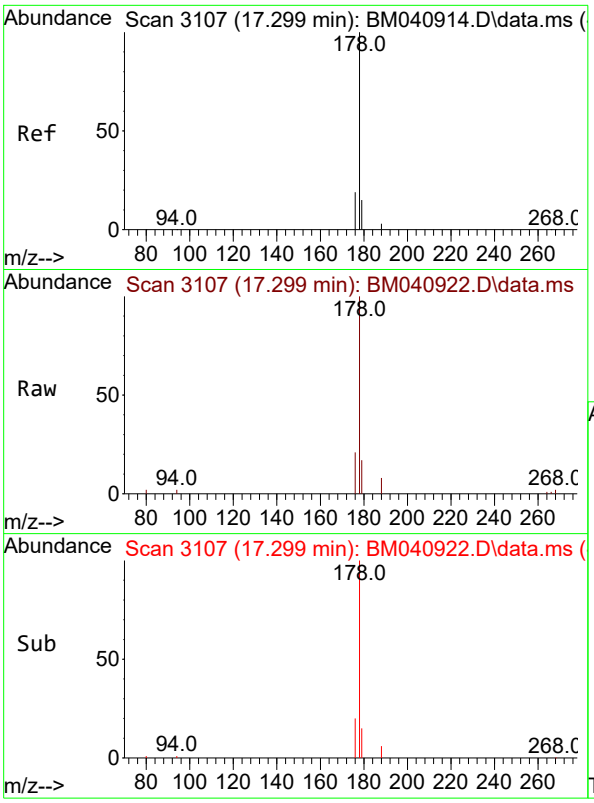


#14
Pentachlorophenol
Concen: 0.666 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:266 Resp: 1015

Ion	Ratio	Lower	Upper
266	100		
264	63.5	45.4	68.0
268	65.9	47.2	70.8



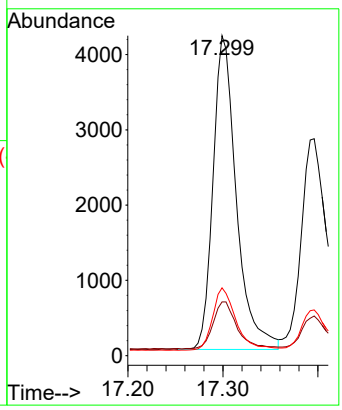


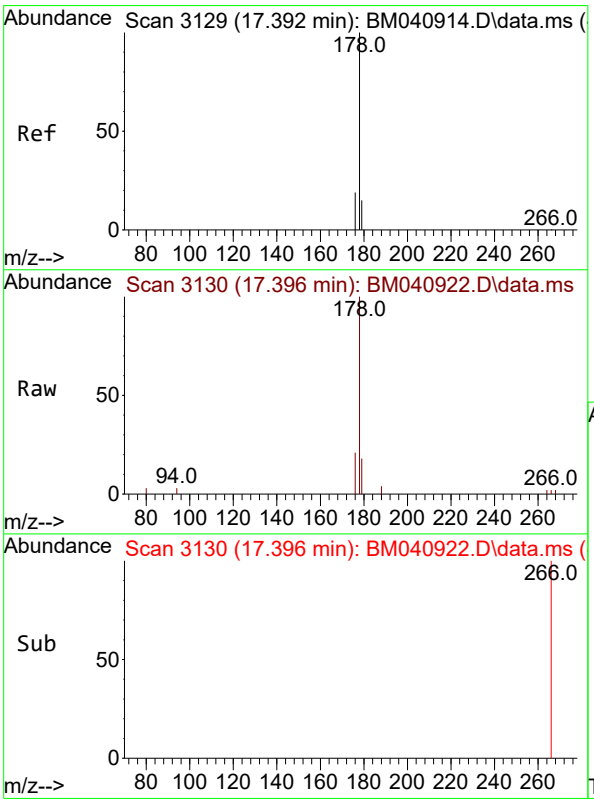
#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 7135

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	21.2	16.4	24.6

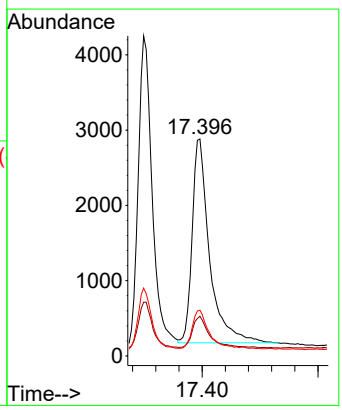


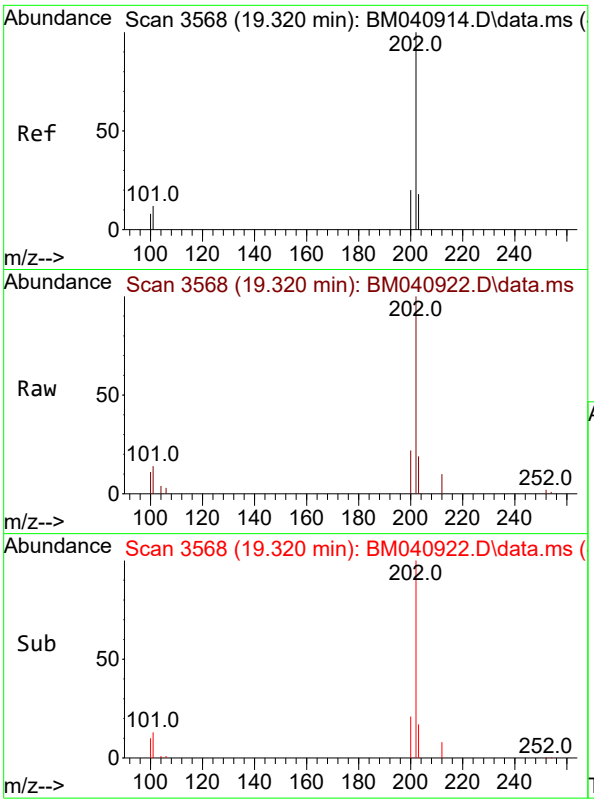


#16
Anthracene
Concen: 0.273 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:178 Resp: 5639

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	21.1	15.8	23.6



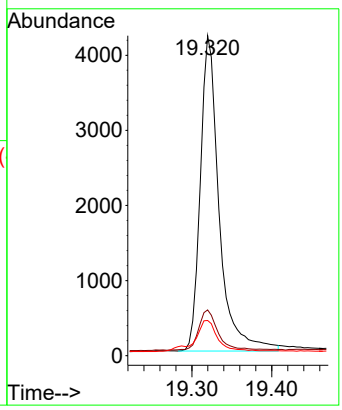


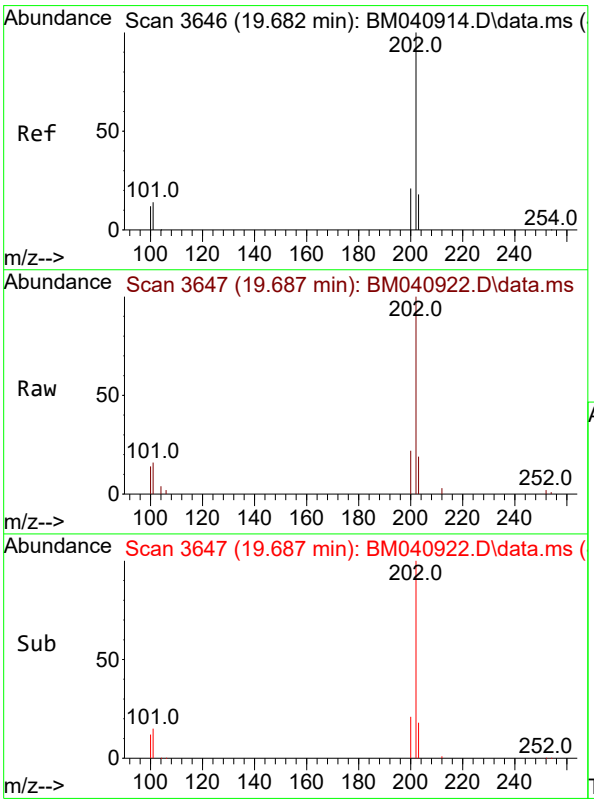
#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.320 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 6898

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.0
100	11.0	8.7	13.1

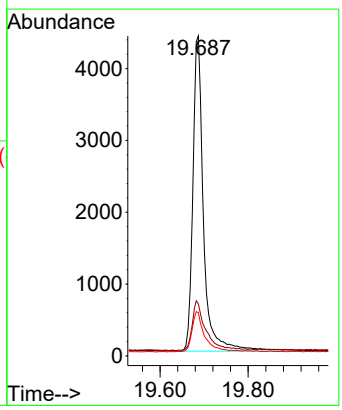


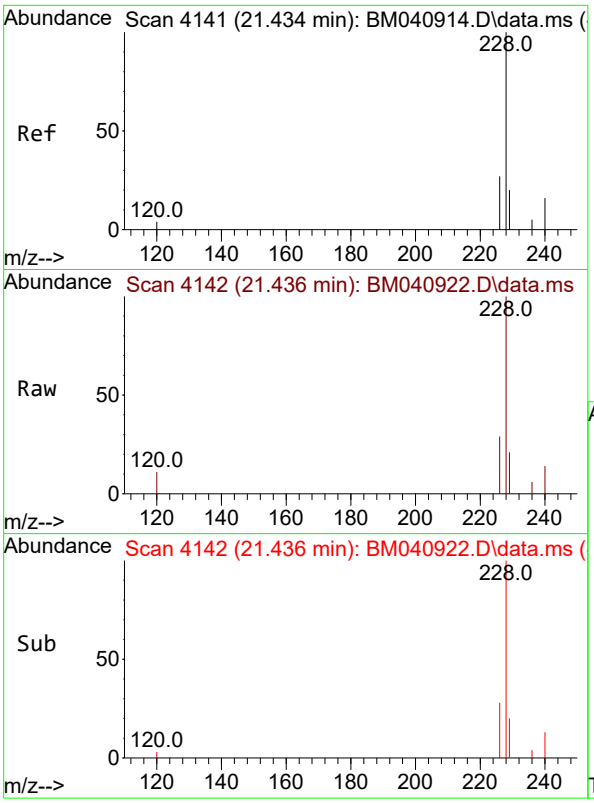


#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:202 Resp: 7383

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.6	18.8
100	13.5	9.8	14.6



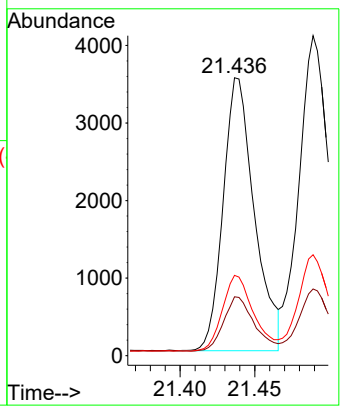


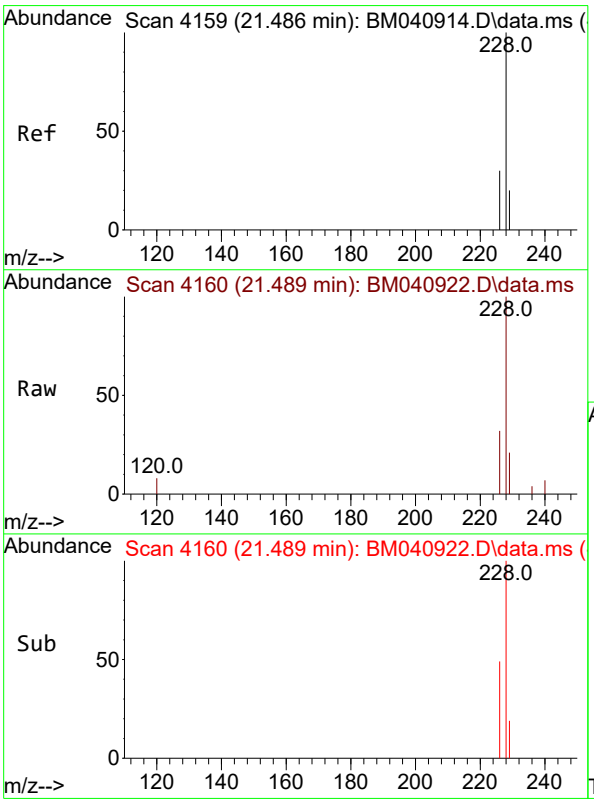
#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.436 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 5131

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	28.9	22.3	33.5

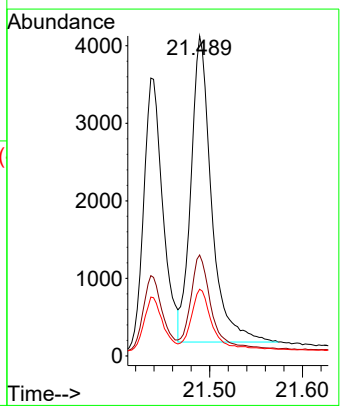


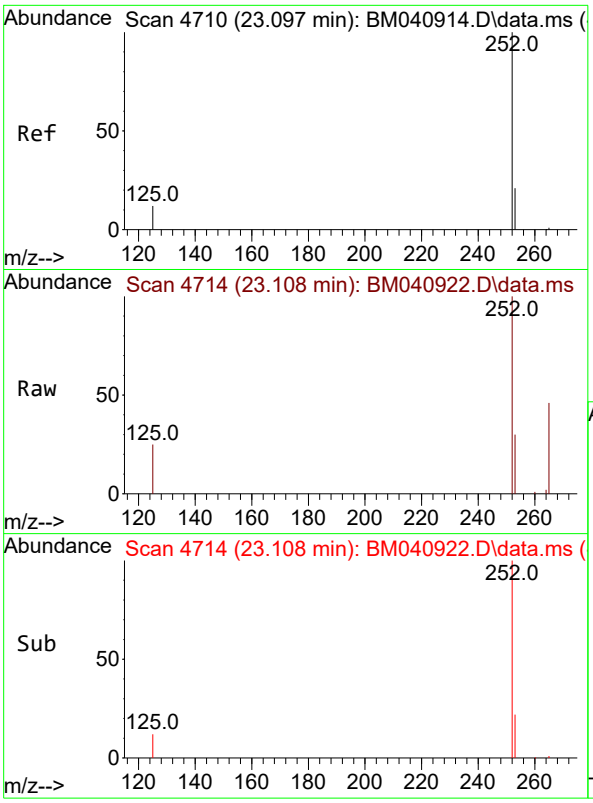


#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:228 Resp: 6075

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.9	15.8	23.6



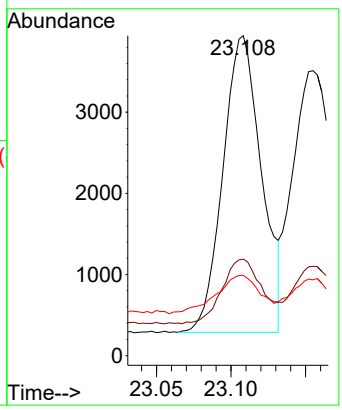


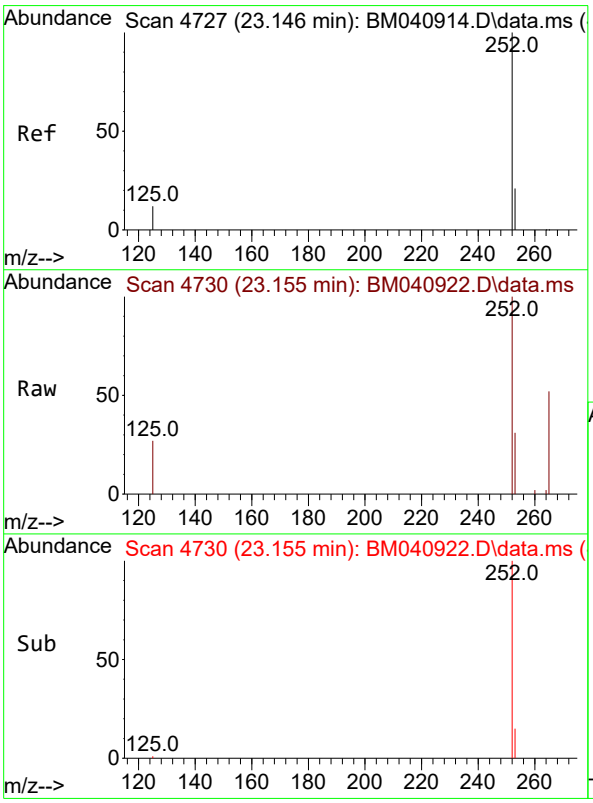
#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.108 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 6568

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	52.8
125	25.1	0.0	43.0

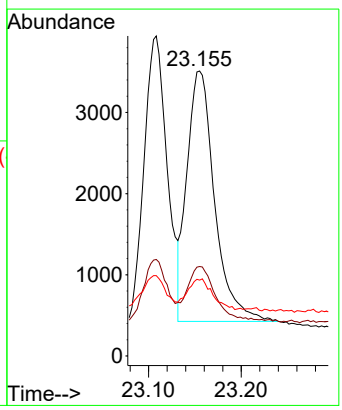


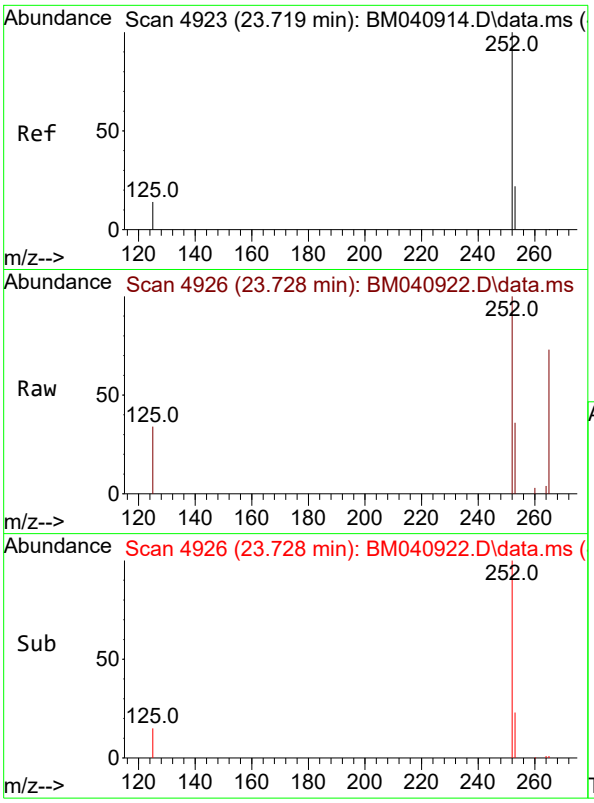


#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:252 Resp: 6413

Ion	Ratio	Lower	Upper
252	100		
253	31.4	21.2	31.8
125	26.6	16.4	24.6#



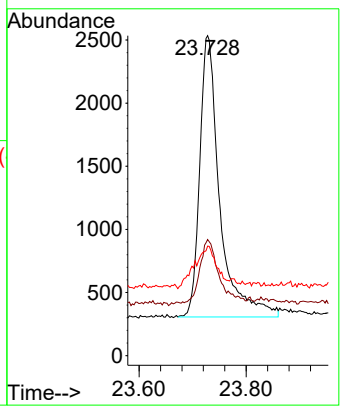


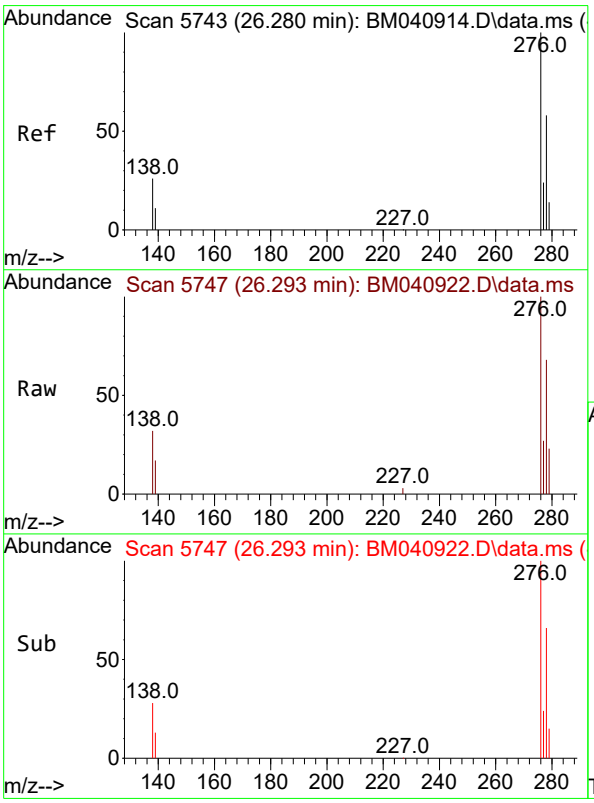
#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.728 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 5786

Ion	Ratio	Lower	Upper
252	100		
253	36.3	22.9	34.3#
125	34.3	21.0	31.4#

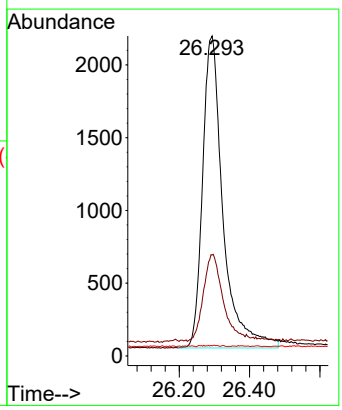


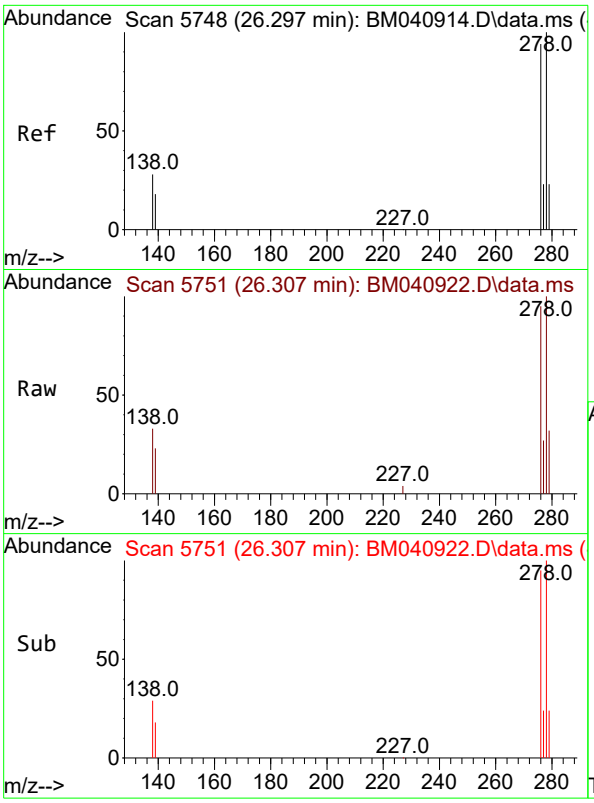


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.293 min Scan# 5747
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:276 Resp: 8619

Ion	Ratio	Lower	Upper
276	100		
138	28.0	24.5	36.7
227	0.1	0.1	0.1



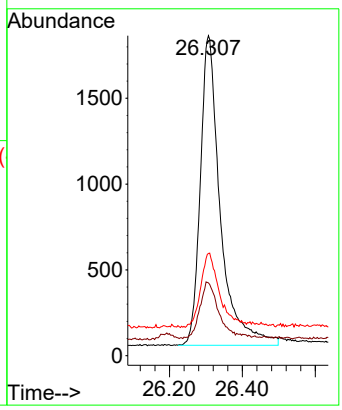


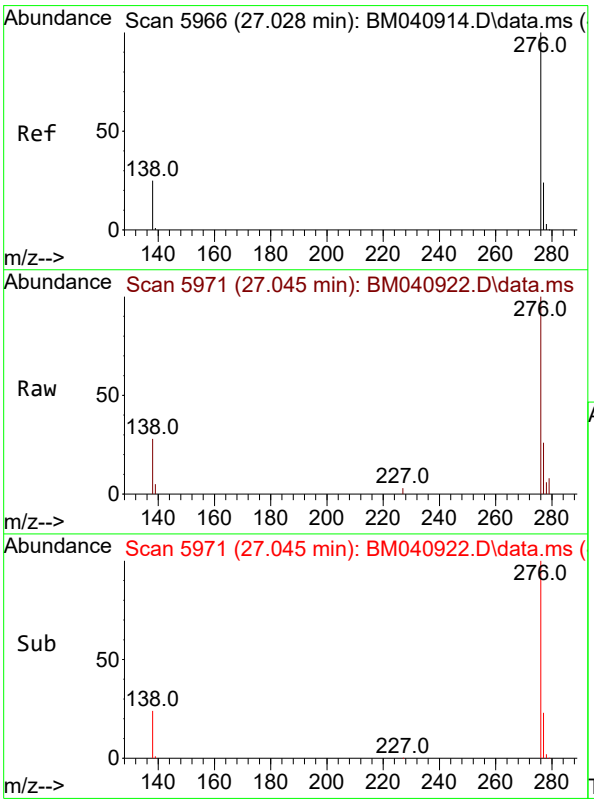
#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.307 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 6864

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.9	26.9
279	32.0	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:276 Resp: 7709

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.0	34.6
277	26.3	20.3	30.5