Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043058.D
Acq On : 27 Nov 2023 20:37
Operator : MA/JU
Sample : PB157100BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 28 00:23:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	2525	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.459	164	1510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	3128	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	1672	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	2006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	736	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1096	0.324	ng/ul	-0.01
18) Fluoranthene-d10	19.257	212	2160	0.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	2029	1.877	ng/ul#	86
5) Naphthalene	10.693	128	1978	0.288	ng/ul	98
7) 2-Methylnaphthalene	12.321	142	1190	0.294	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	1273	0.282	ng/ul	98
10) Acenaphthylene	14.196	152	2238	0.290	ng/ul	98
11) Acenaphthene	14.524	153	1732	0.297	ng/ul	96
12) Fluorene	15.533	166	1800	0.300	ng/ul	96
14) Pentachlorophenol	16.891	266	478	0.565	ng/ul	94
15) Phenanthrene	17.271	178	2577	0.289	ng/ul	99
16) Anthracene	17.385	178	2451	0.290	ng/ul	98
19) Fluoranthene	19.289	202	3122	0.329	ng/ul	99
20) Pyrene	19.656	202	3286	0.326	ng/ul	99
21) Benzo(a)anthracene	21.409	228	1763	0.325	ng/ul	98
22) Chrysene	21.453	228	3122	0.309	ng/ul	100
24) Benzo(b)fluoranthene	23.046	252	2272	0.336	ng/ul	98
25) Benzo(k)fluoranthene	23.095	252	3180	0.341	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2407	0.326	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.235	276	3310	0.331	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	2603	0.337	ng/ul	100
29) Benzo(g,h,i)perylene	26.997	276	3255	0.335	ng/ul	99

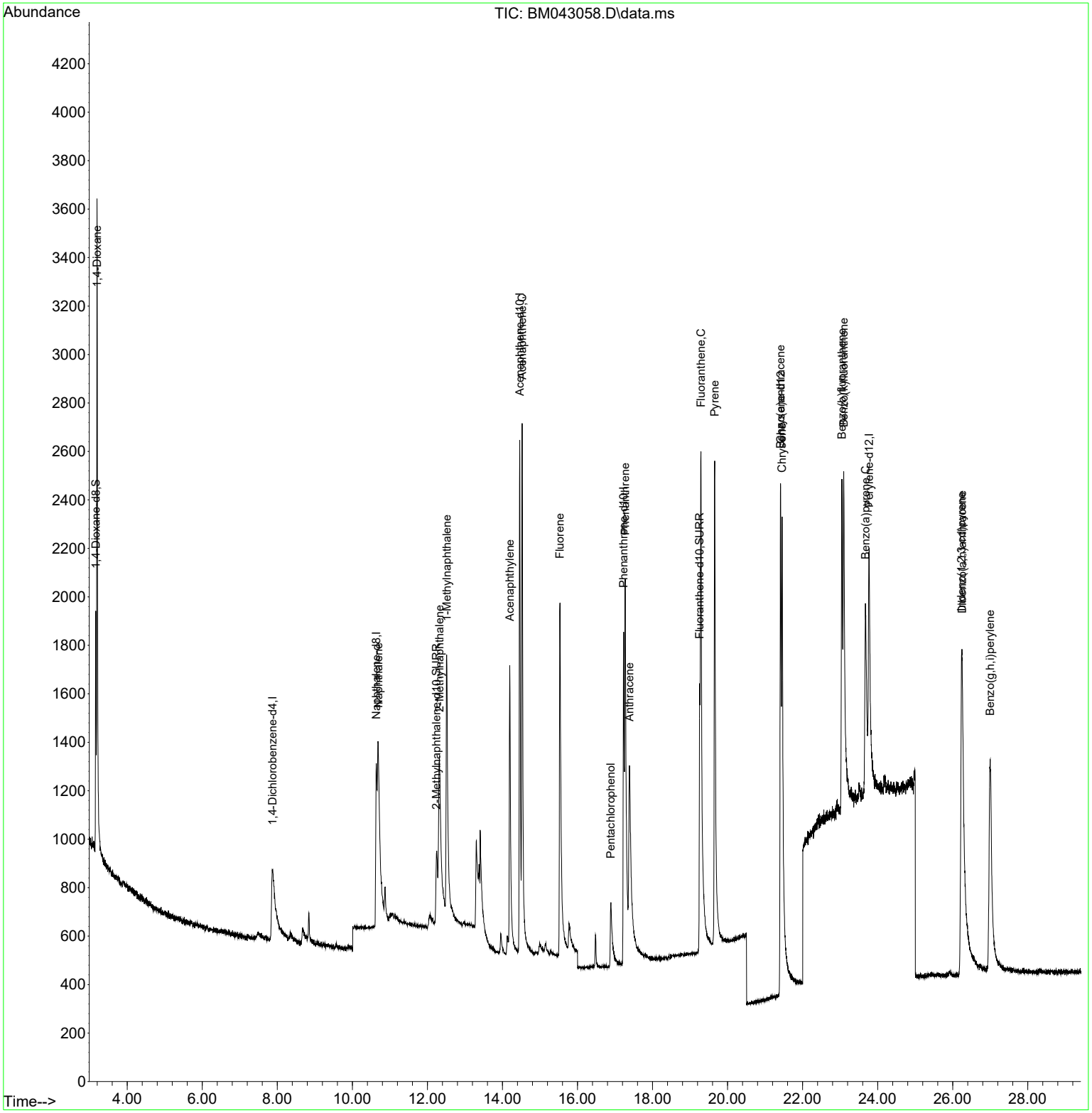
(#) = qualifier out of range (m) = manual integration (+) = signals summed

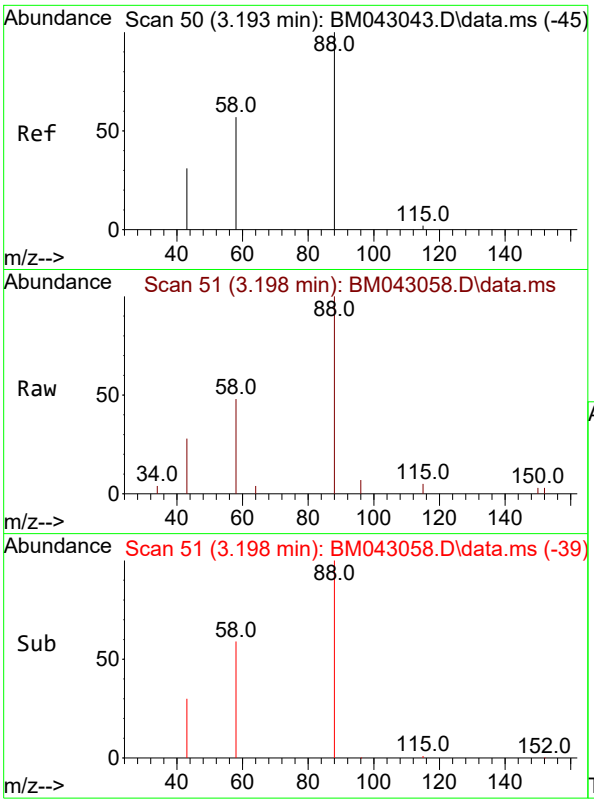
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043058.D
Acq On : 27 Nov 2023 20:37
Operator : MA/JU
Sample : PB157100BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 28 00:23:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration



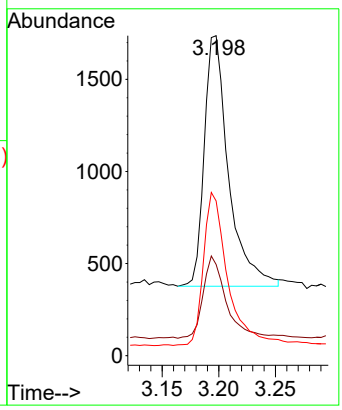


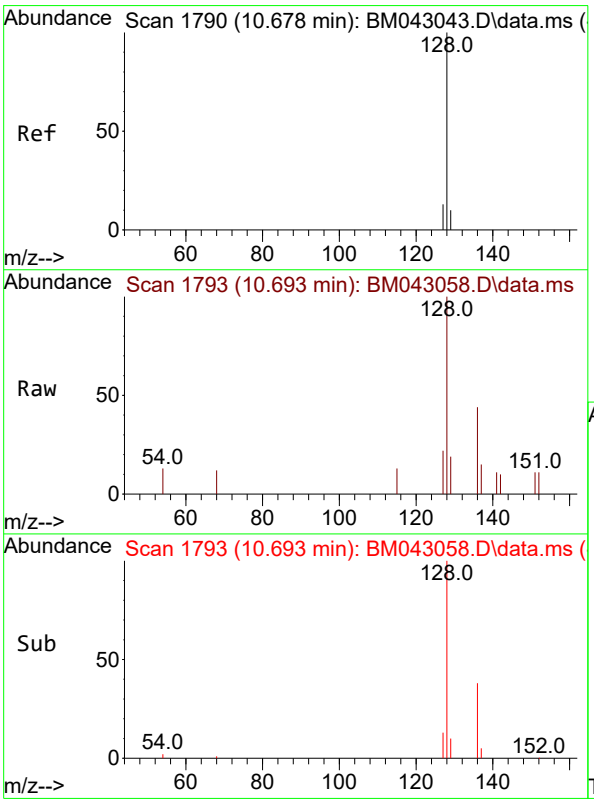
#2
1,4-Dioxane
Concen: 1.877 ng/ul
RT: 3.198 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 2029

Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.8	34.2
58	48.4	26.8	40.2#

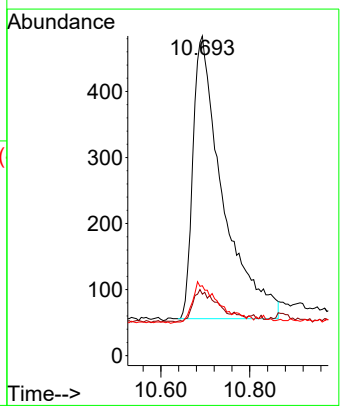


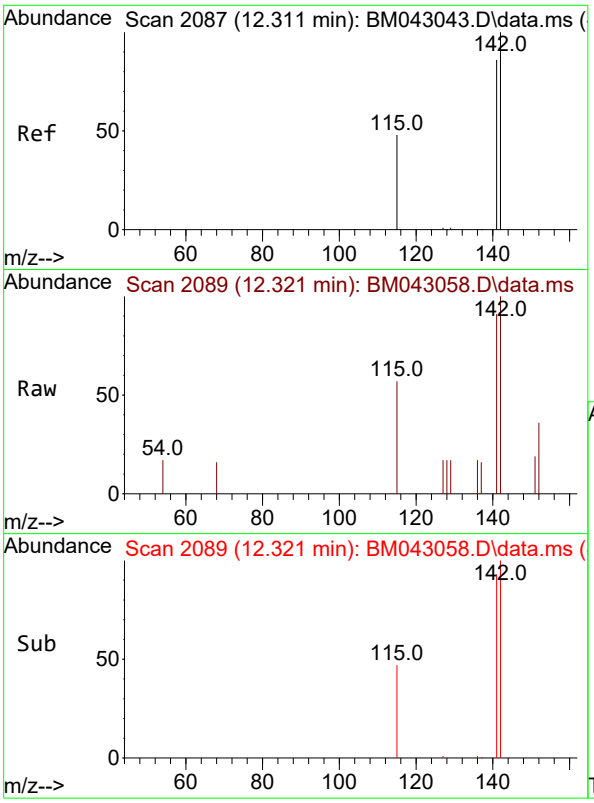


#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.693 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:128 Resp: 1978

Ion	Ratio	Lower	Upper
128	100		
129	19.2	16.0	24.0
127	21.9	16.5	24.7



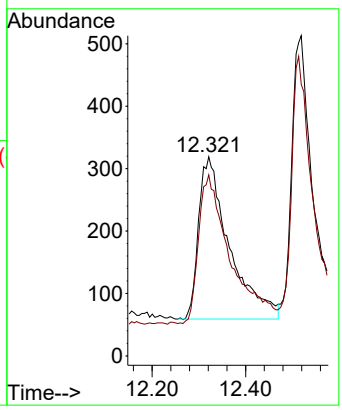


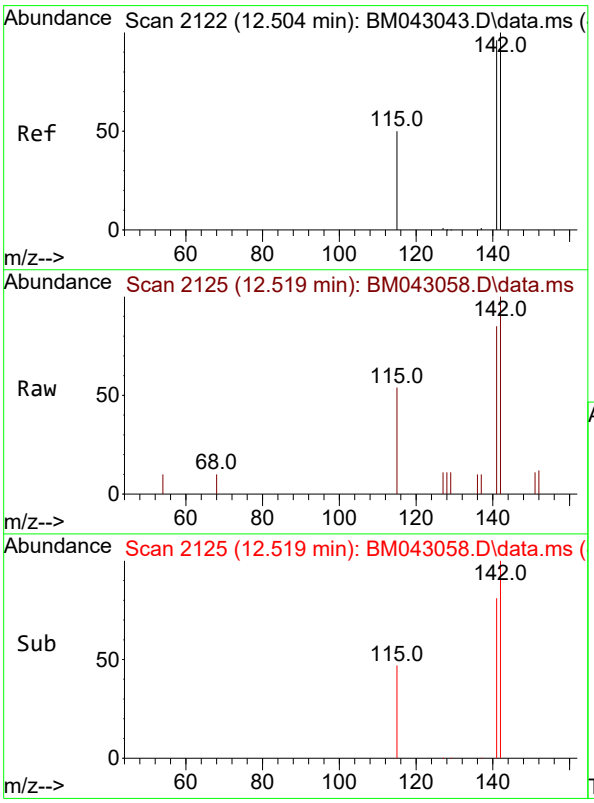
#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.321 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 1190

Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.1	114.1

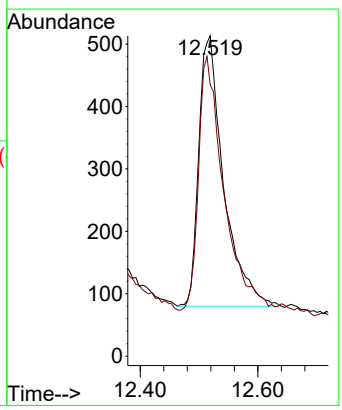


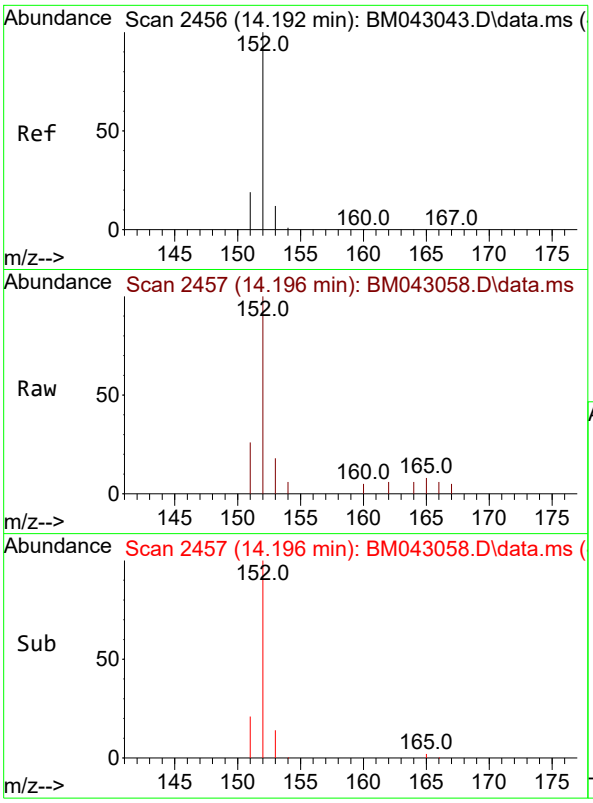


#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.519 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:142 Resp: 1273

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.8	110.8



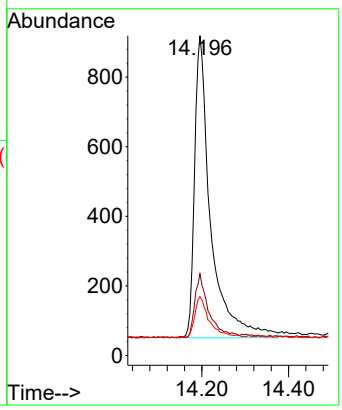


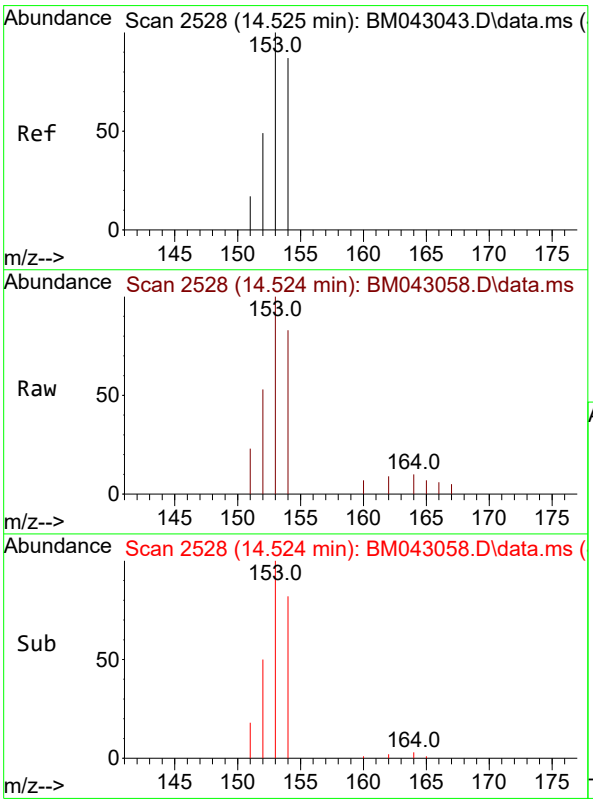
#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.196 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 2238

Ion	Ratio	Lower	Upper
152	100		
151	25.6	19.4	29.0
153	18.4	14.6	21.8

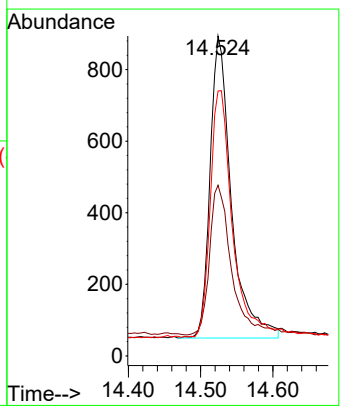


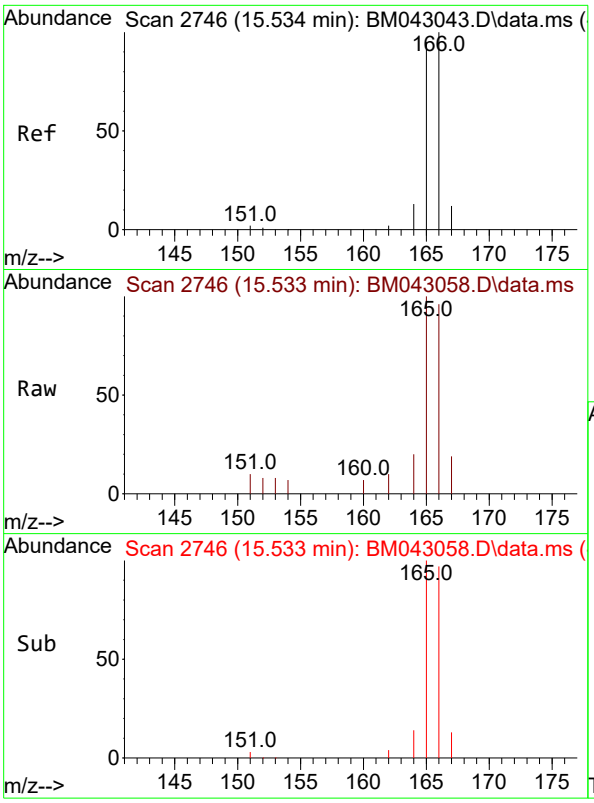


#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:153 Resp: 1732

Ion	Ratio	Lower	Upper
153	100		
152	53.4	43.9	65.9
154	82.8	70.6	105.8



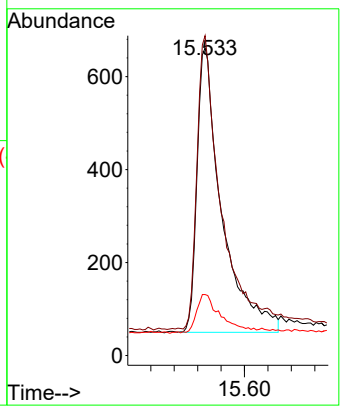


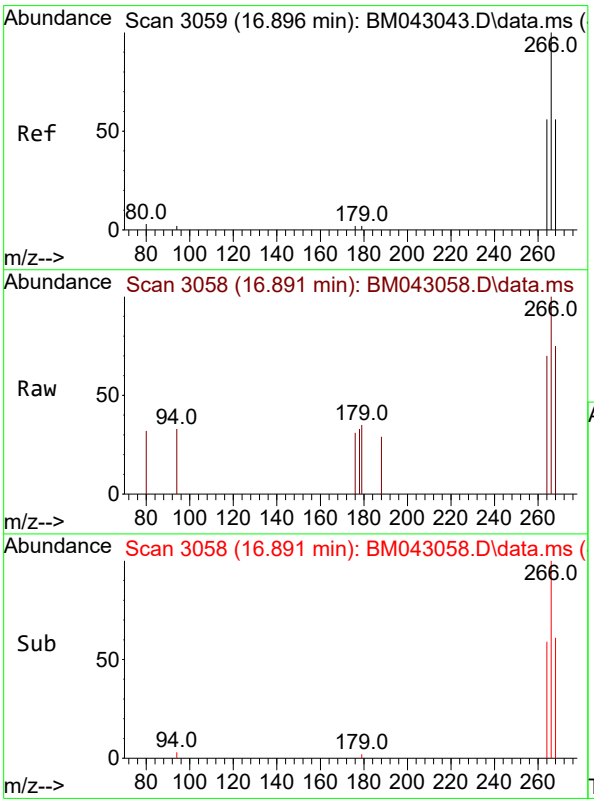
#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.533 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 1800

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.9	119.9
167	19.8	14.2	21.4

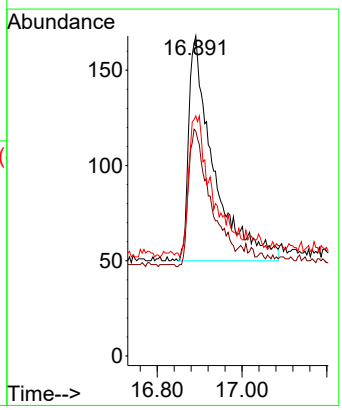


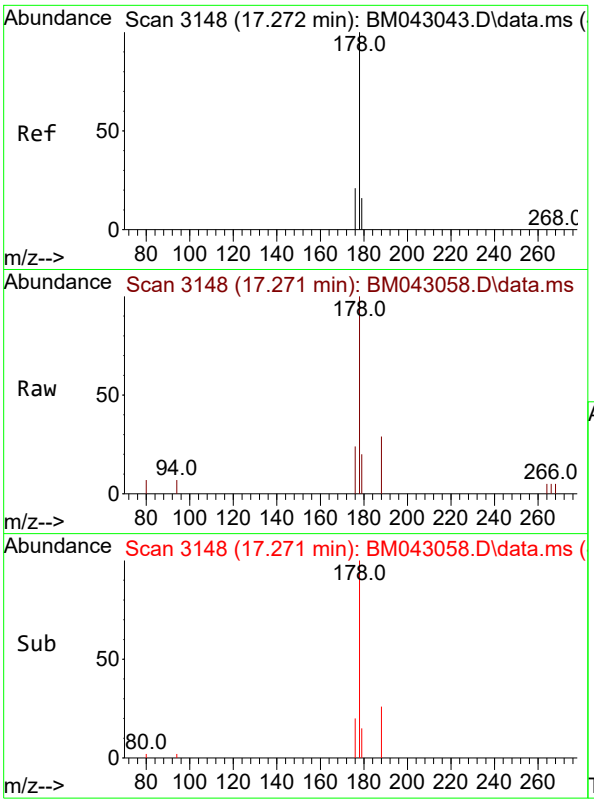


#14
Pentachlorophenol
Concen: 0.565 ng/ul
RT: 16.891 min Scan# 3058
Delta R.T. -0.021 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:266 Resp: 478

Ion	Ratio	Lower	Upper
266	100		
264	55.0	48.8	73.2
268	60.9	51.8	77.6



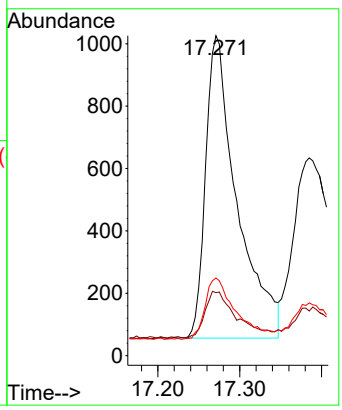


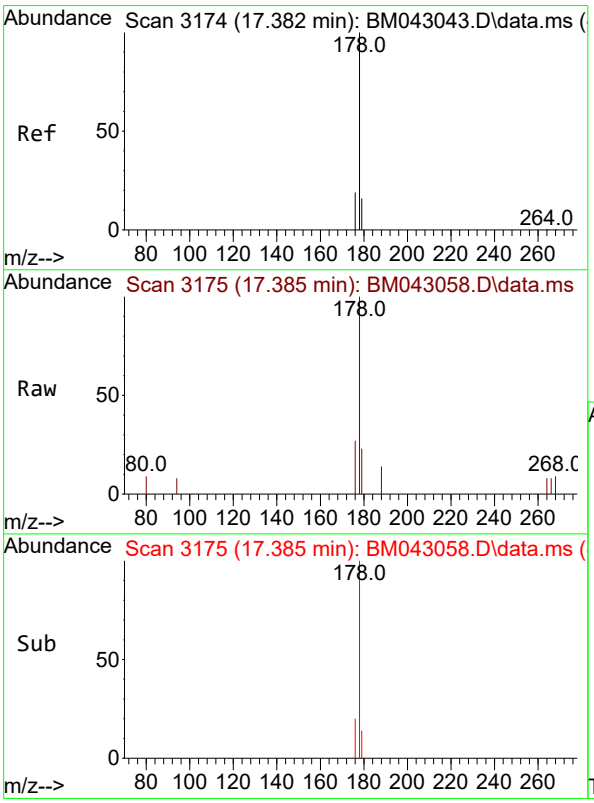
#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.271 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2577

Ion	Ratio	Lower	Upper
178	100		
179	19.7	15.7	23.5
176	24.3	18.9	28.3

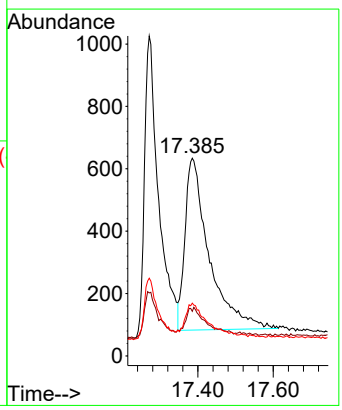


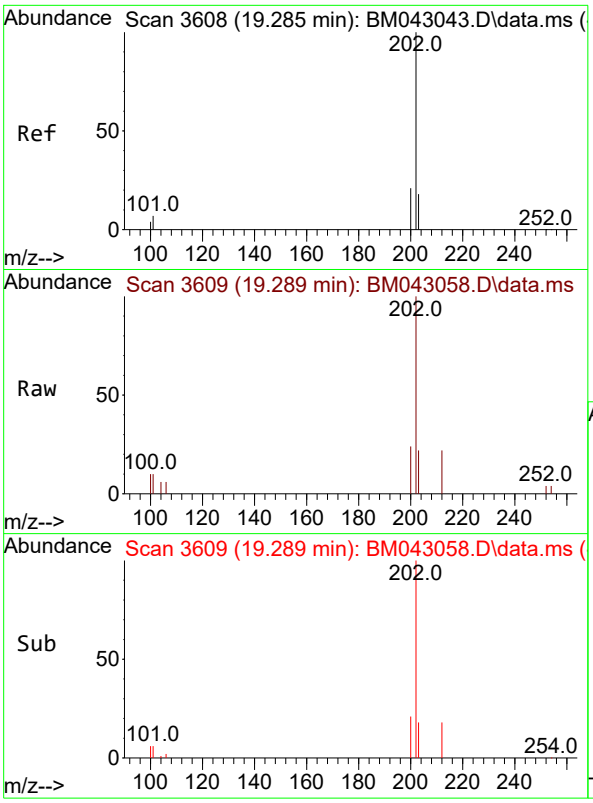


#16
Anthracene
Concen: 0.290 ng/ul
RT: 17.385 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:178 Resp: 2451

Ion	Ratio	Lower	Upper
178	100		
179	22.6	17.3	25.9
176	26.7	20.5	30.7



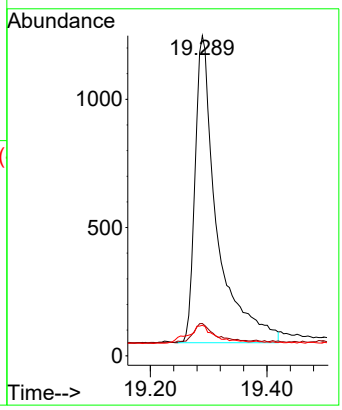


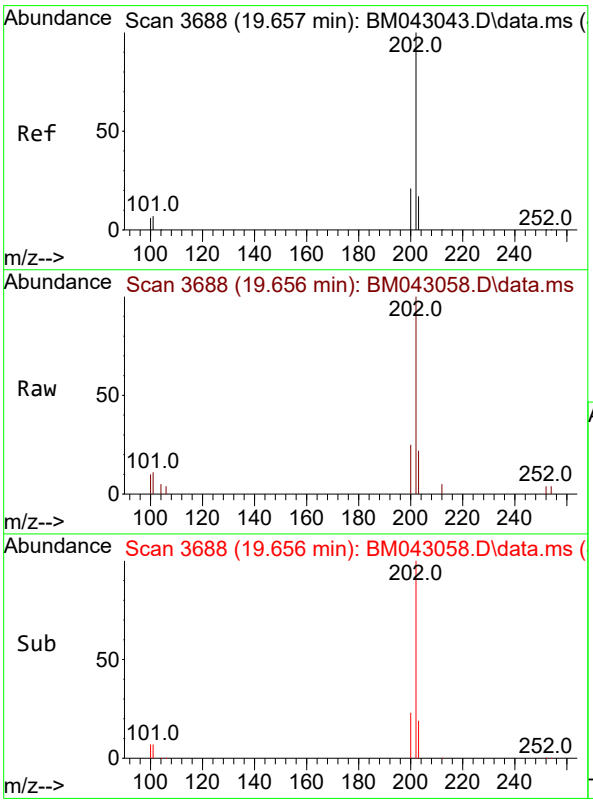
#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.289 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3122

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	9.5	7.1	10.7

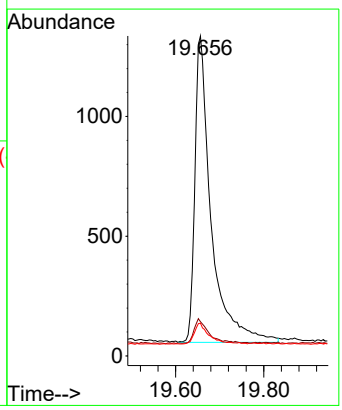


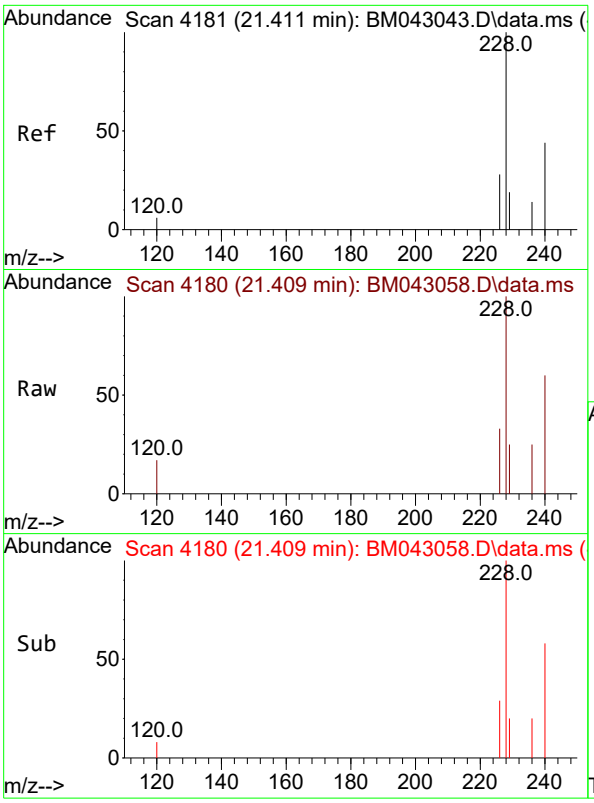


#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.004 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:202 Resp: 3286

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
100	10.3	7.8	11.8



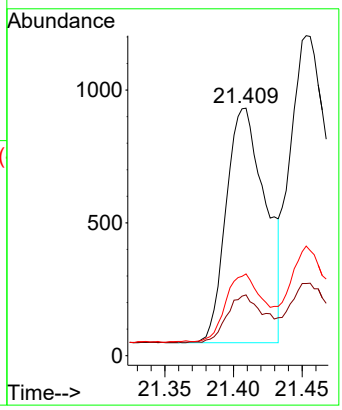


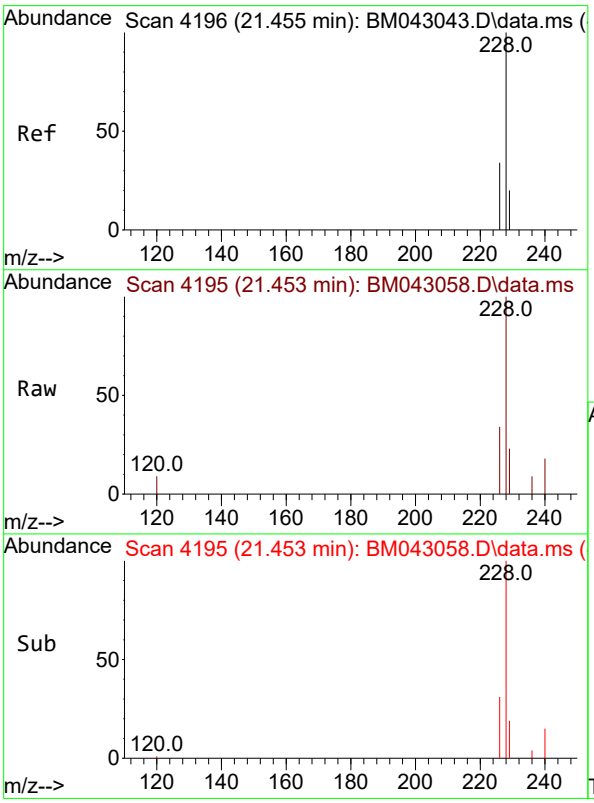
#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.409 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1763

Ion	Ratio	Lower	Upper
228	100		
229	24.6	19.4	29.0
226	33.0	24.9	37.3

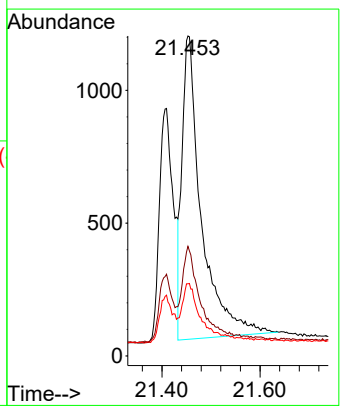


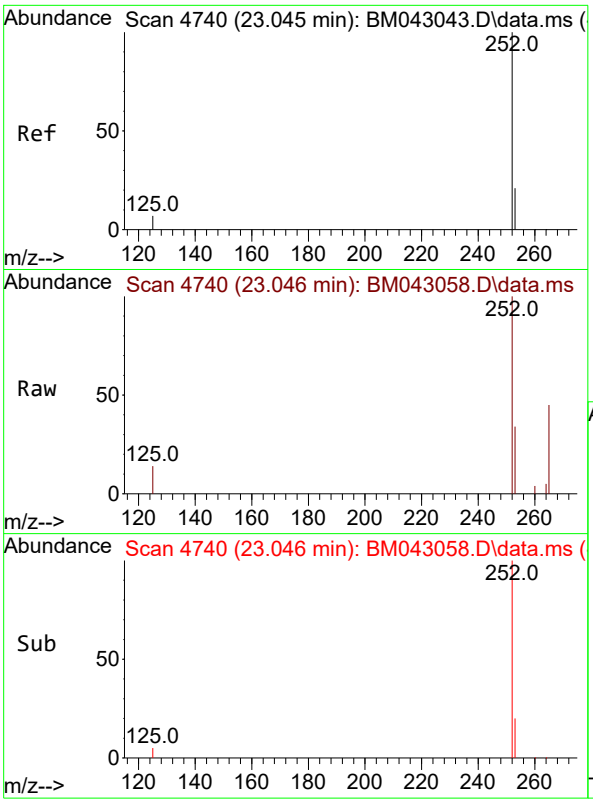


#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:228 Resp: 3122

Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.2	40.8
229	22.6	18.0	27.0



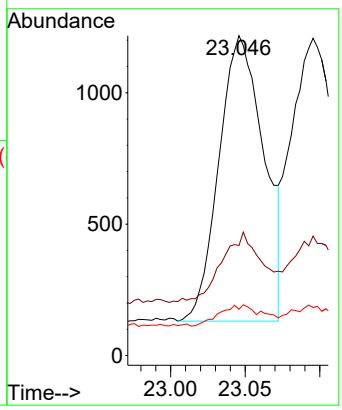


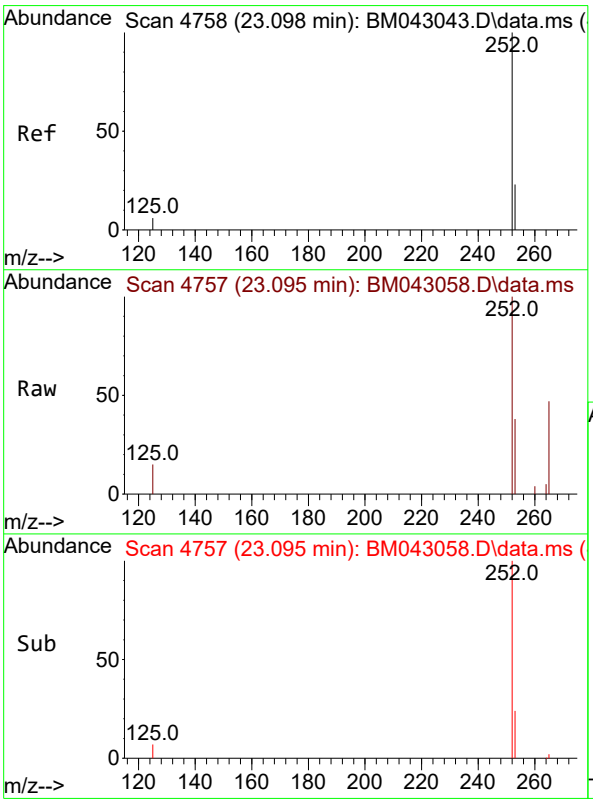
#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.046 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2272

Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	71.8
125	14.5	0.0	29.0

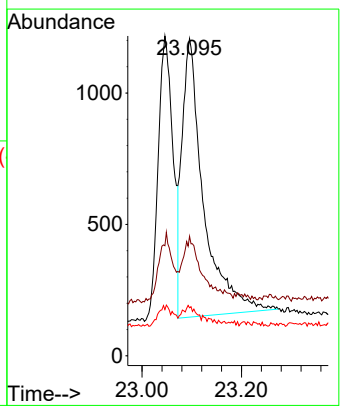


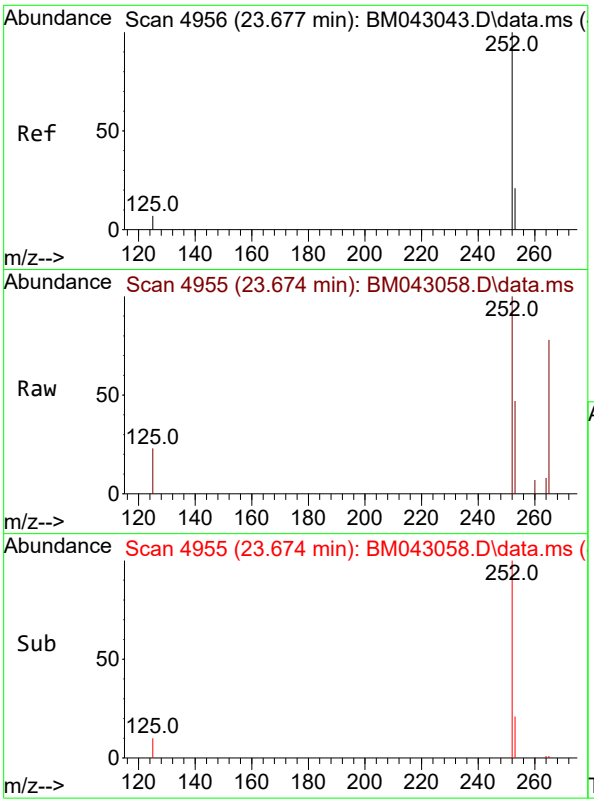


#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:252 Resp: 3180

Ion	Ratio	Lower	Upper
252	100		
253	37.7	28.2	42.2
125	15.2	11.0	16.6



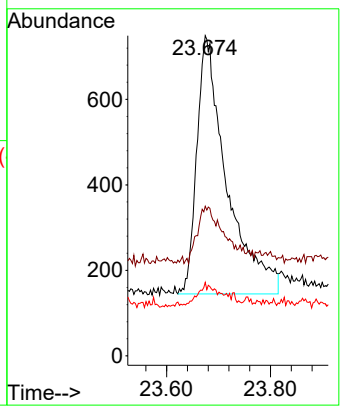


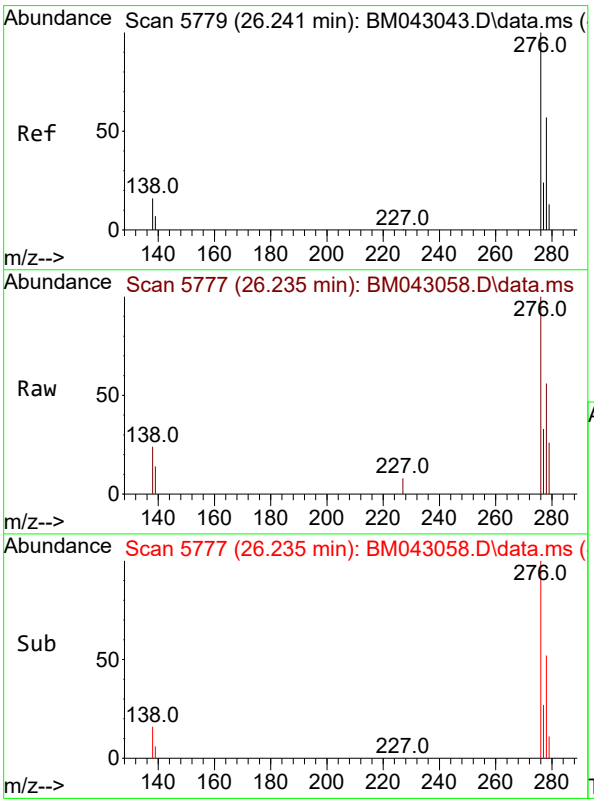
#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.674 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2407

Ion	Ratio	Lower	Upper
252	100		
253	46.7	36.6	55.0
125	23.0	16.2	24.4

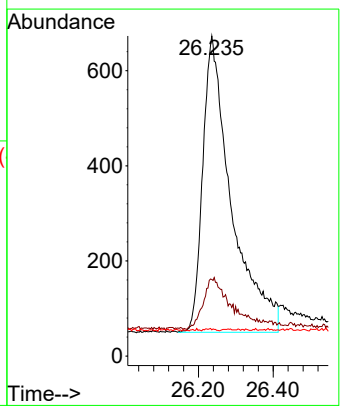


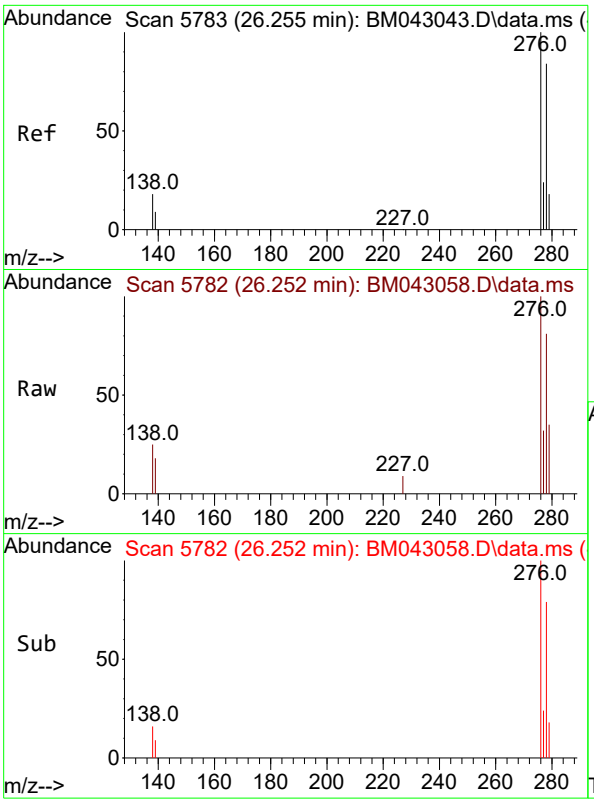


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.235 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:276 Resp: 3310

Ion	Ratio	Lower	Upper
276	100		
138	17.6	0.0	0.0#
227	0.2	0.2	0.2#



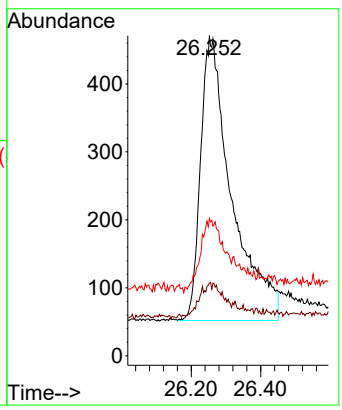


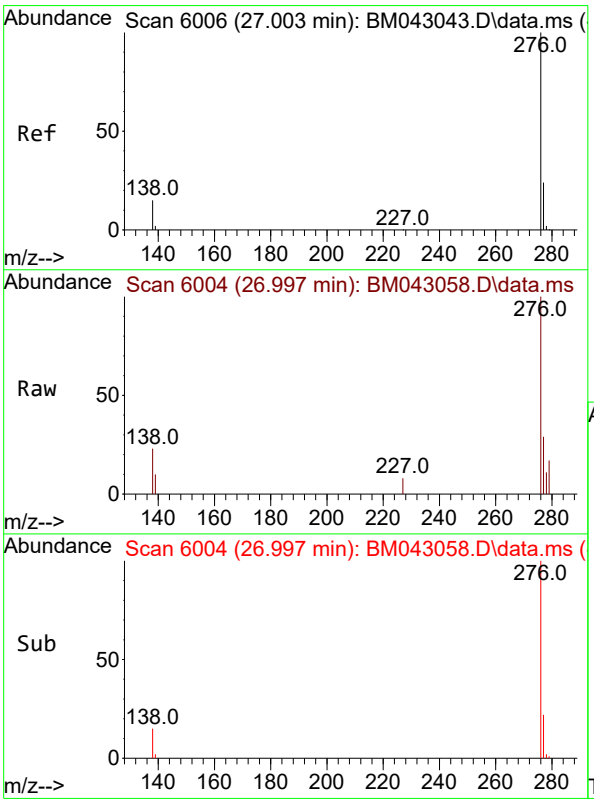
#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.252 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 2603

Ion	Ratio	Lower	Upper
278	100		
139	22.7	18.1	27.1
279	42.9	34.4	51.6





#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043058.D
Acq: 27 Nov 2023 20:37

Tgt Ion:276 Resp: 3255

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.8	26.8
277	29.3	23.8	35.8