Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037222.D
Acq On : 25 Oct 2022 11:17
Operator : CG/JU
Sample : PB148455BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 07:31:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	4336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	13756	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	7879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	16271	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	9799	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	8311	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3273	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7258	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	13836	0.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	7938	1.445	ng/ul	91
5) Naphthalene	10.749	128	13695	0.336	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	8613	0.353	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	9209	0.370	ng/ul	100
10) Acenaphthylene	14.251	152	11794	0.348	ng/ul	99
11) Acenaphthene	14.594	153	9863	0.322	ng/ul	98
12) Fluorene	15.574	166	11117	0.311	ng/ul	100
14) Pentachlorophenol	16.925	266	2071	0.526	ng/ul	99
15) Phenanthrene	17.313	178	17803	0.324	ng/ul	99
16) Anthracene	17.402	178	14814	0.341	ng/ul	99
19) Fluoranthene	19.326	202	18740	0.440	ng/ul	96
20) Pyrene	19.689	202	18774	0.435	ng/ul	98
21) Benzo(a)anthracene	21.429	228	13489	0.355	ng/ul	99
22) Chrysene	21.482	228	14680	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.092	252	14451	0.328	ng/ul	96
25) Benzo(k)fluoranthene	23.139	252	13398	0.315	ng/ul	96
26) Benzo(a)pyrene	23.709	252	11894	0.336	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.272	276	16471	0.334	ng/ul	94
28) Dibenzo(a,h)anthracene	26.289	278	13053	0.335	ng/ul	97
29) Benzo(g,h,i)perylene	27.027	276	14340	0.330	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
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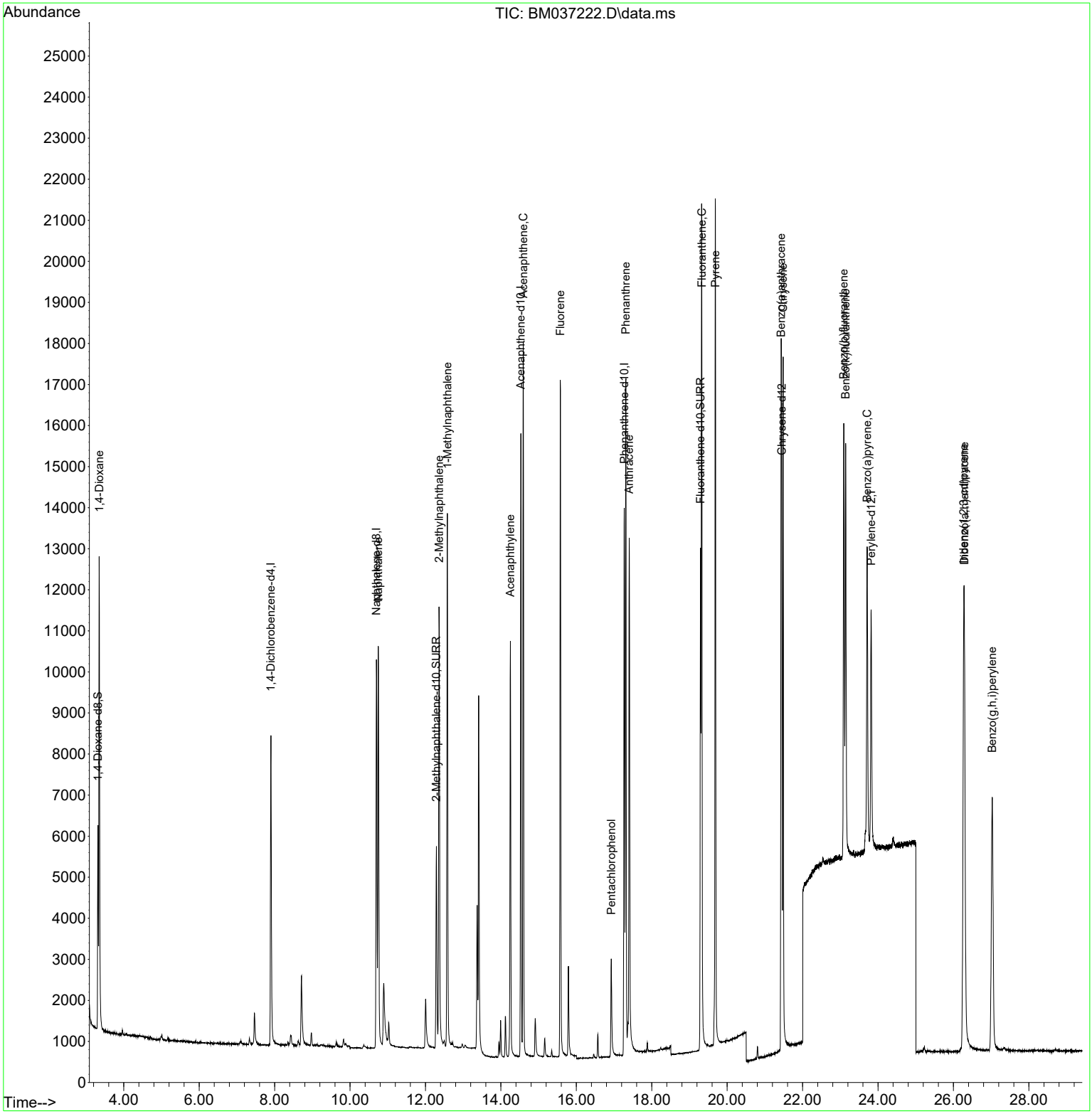
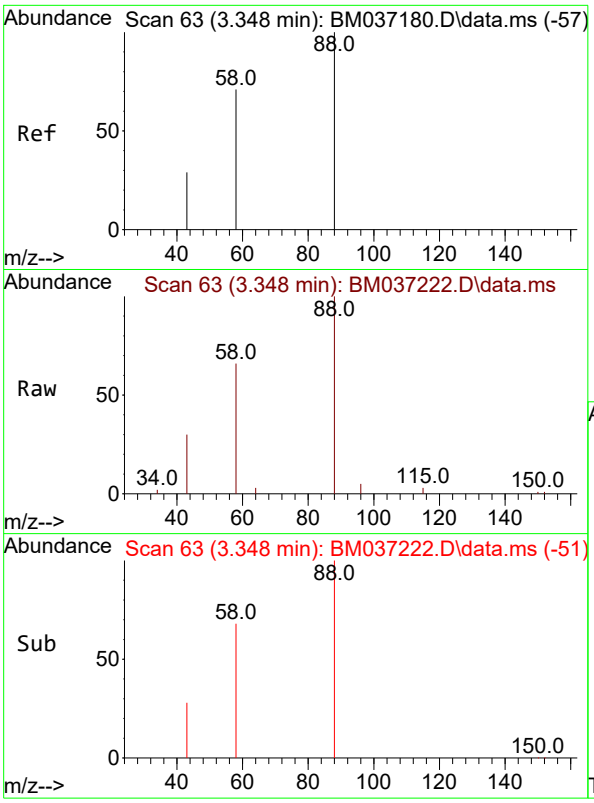


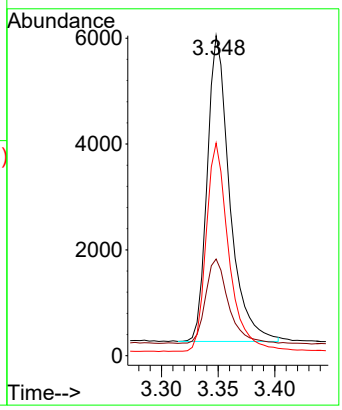


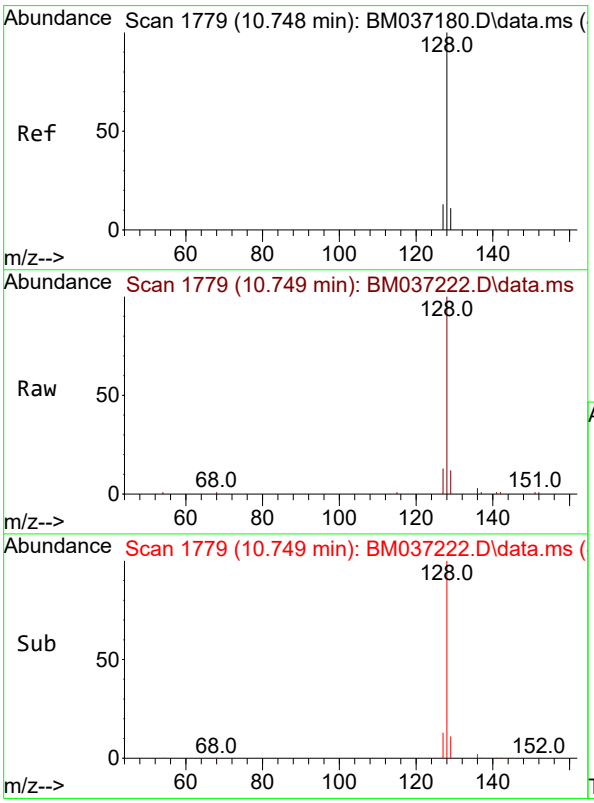
#2
1,4-Dioxane
Concen: 1.445 ng/ul
RT: 3.348 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 7938

Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.5	38.3
58	66.5	45.8	68.6

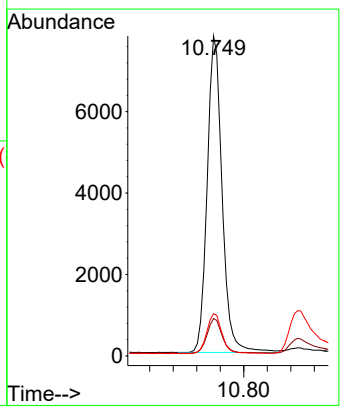


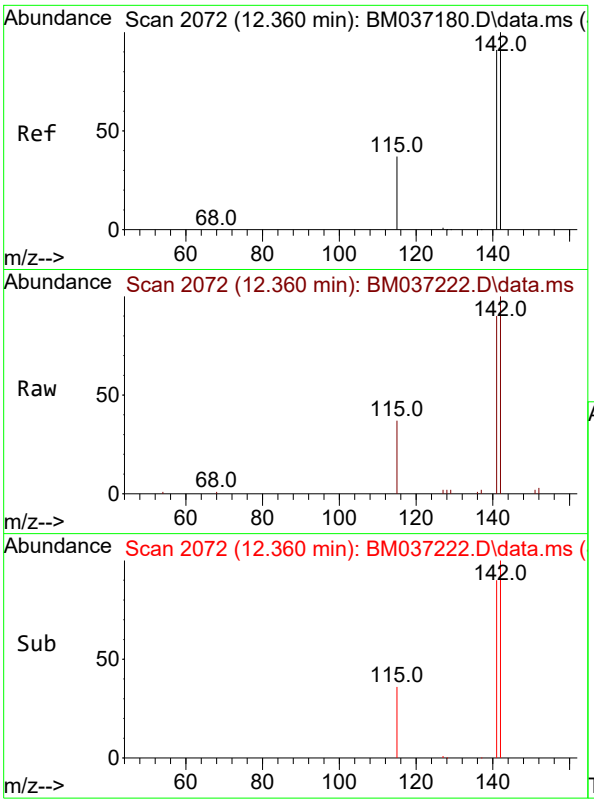


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:128 Resp: 13695

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.2	10.5	15.7



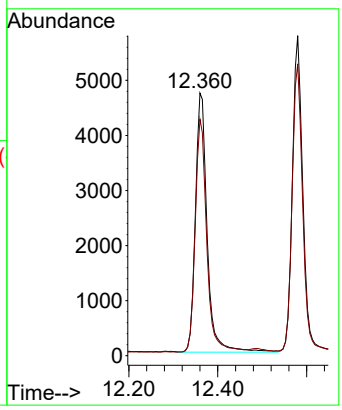


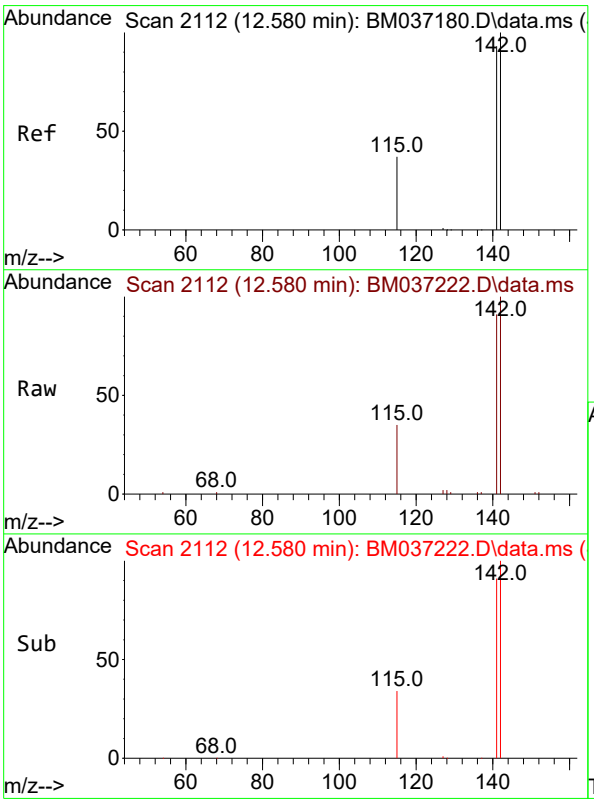
#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 8613

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.8	109.2

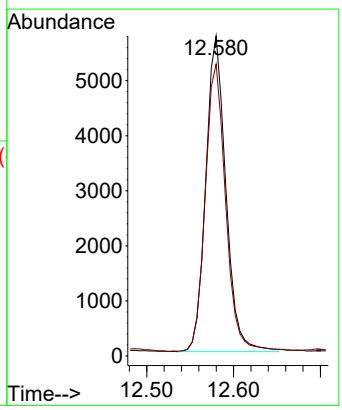


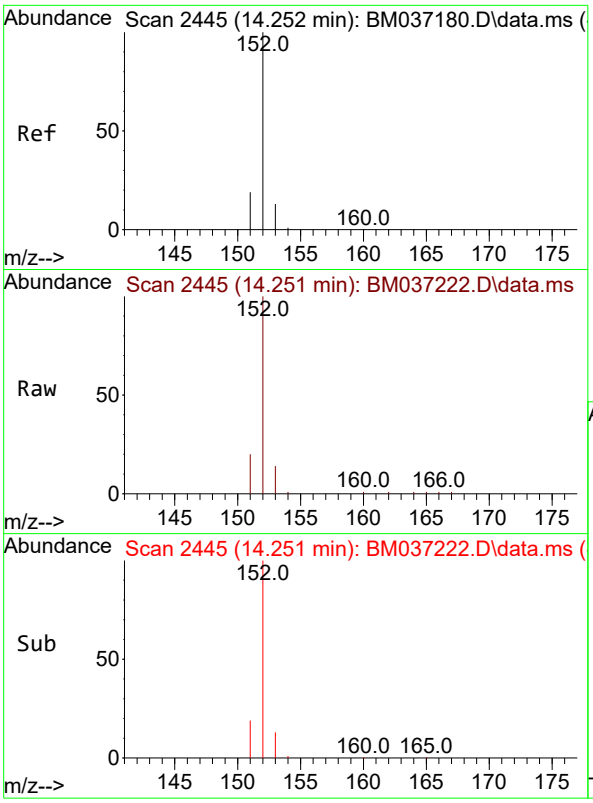


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:142 Resp: 9209

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4



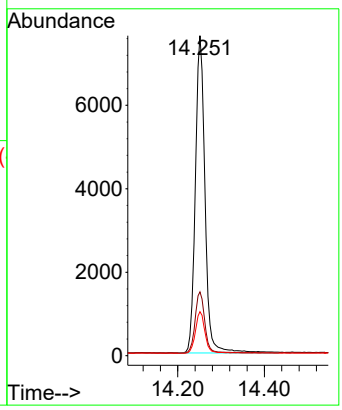


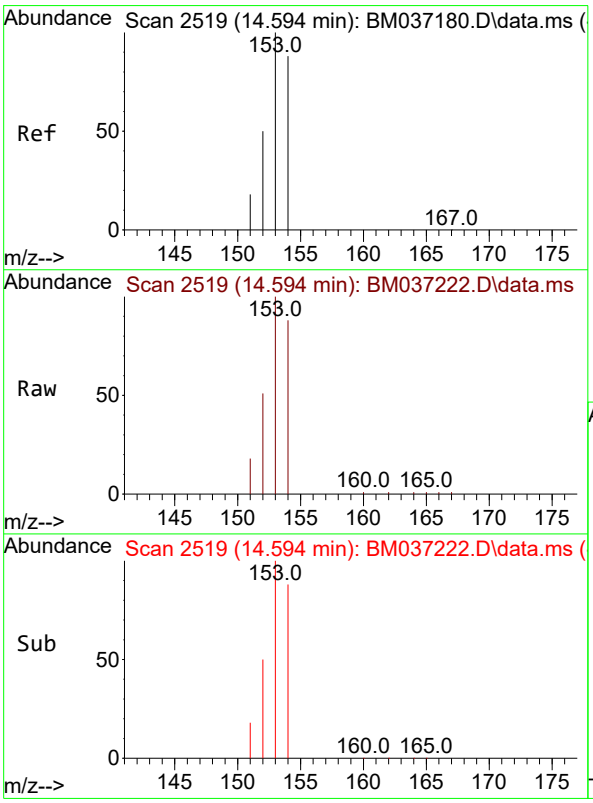
#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.251 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 11794

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.8	10.8	16.2

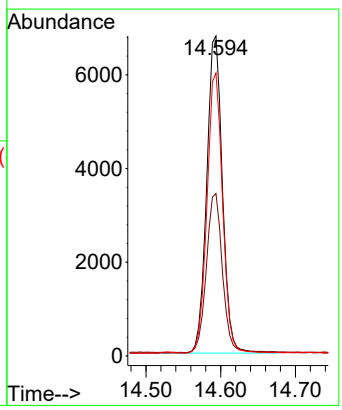


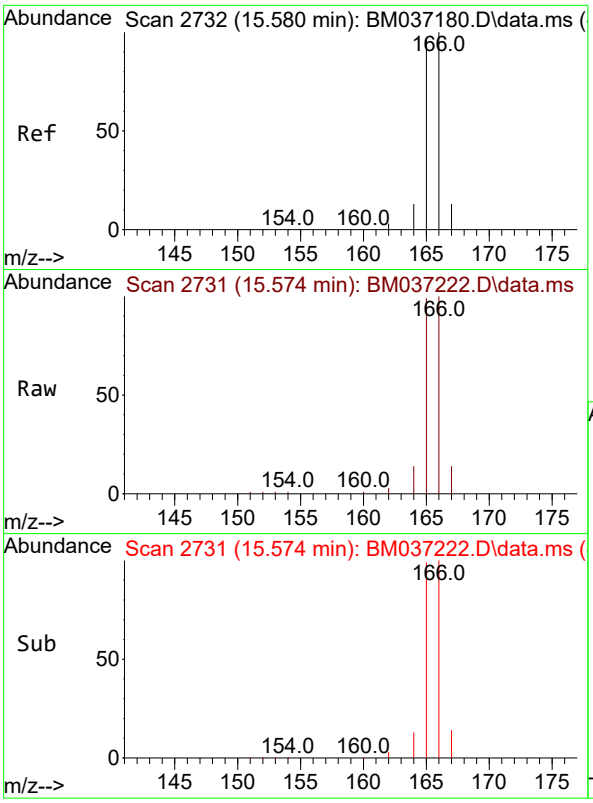


#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:153 Resp: 9863

Ion	Ratio	Lower	Upper
153	100		
152	50.7	43.3	64.9
154	88.5	70.0	105.0



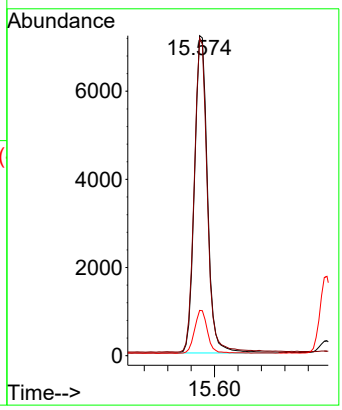


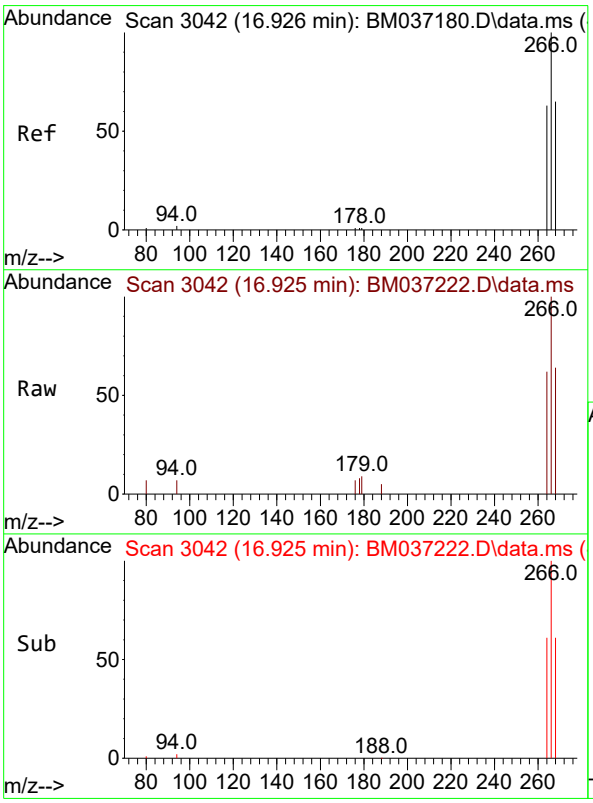
#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.574 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 11117

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.2
167	14.2	11.3	16.9

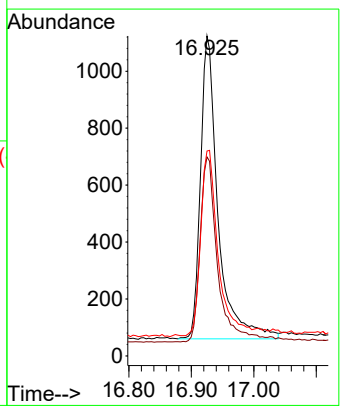


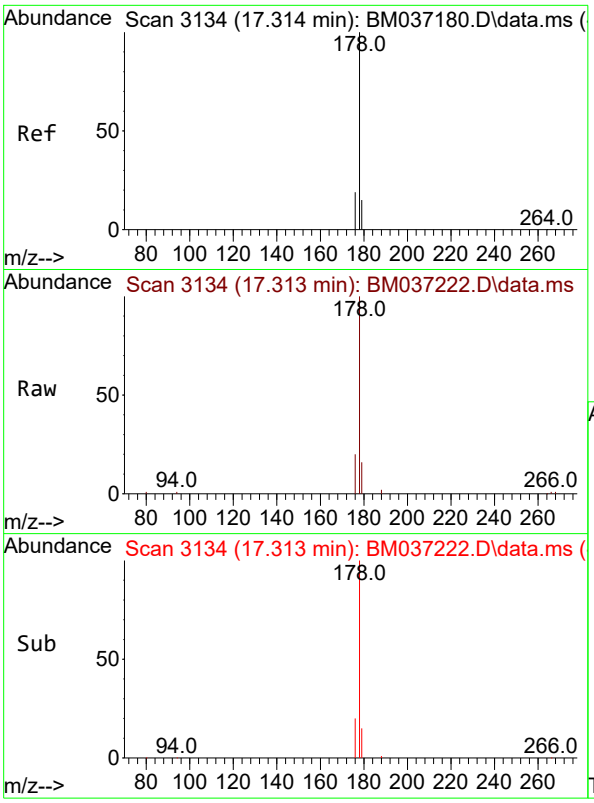


#14
Pentachlorophenol
Concen: 0.526 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:266 Resp: 2071

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.4	74.0
268	62.3	50.5	75.7



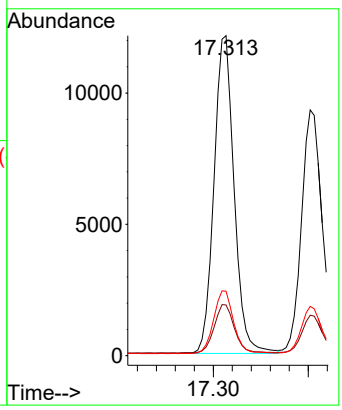


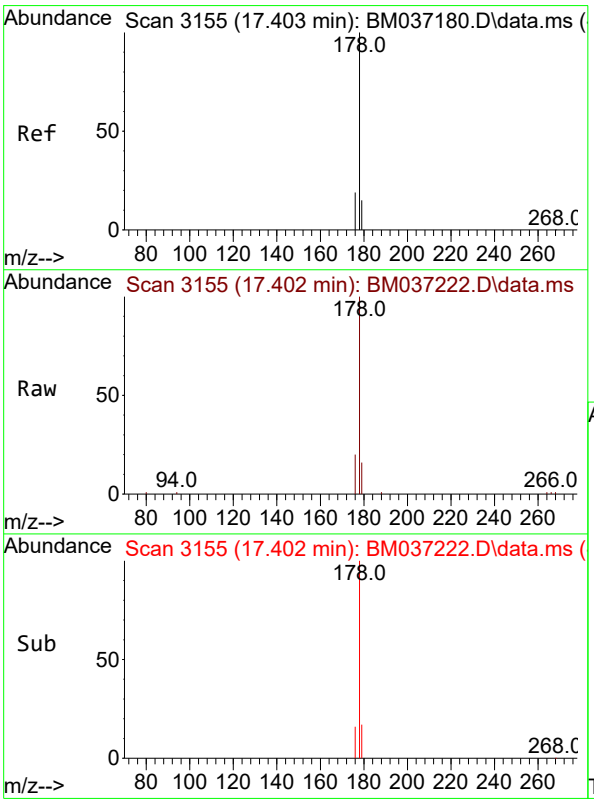
#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.313 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 17803

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	20.1	16.1	24.1

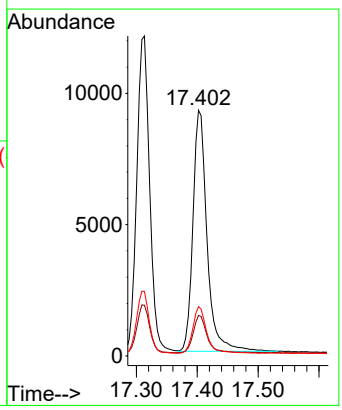


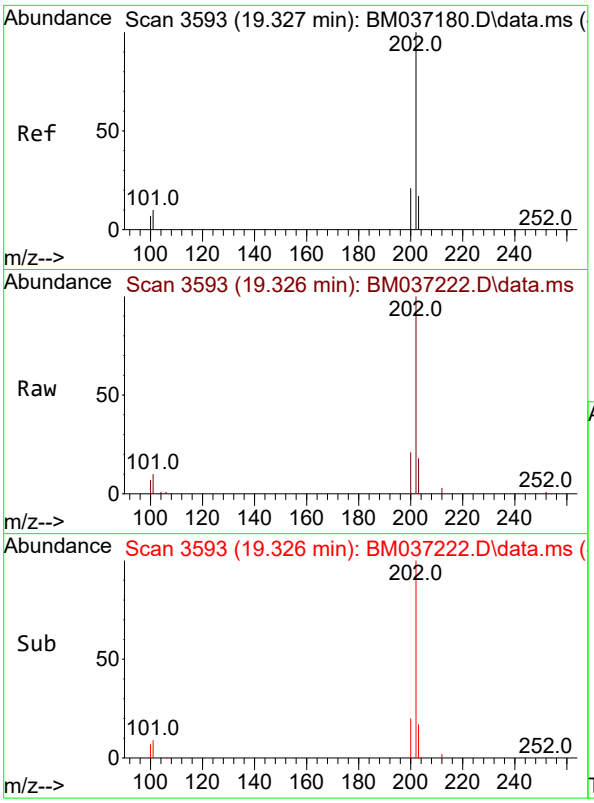


#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:178 Resp: 14814

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.1	19.7
176	20.1	15.3	22.9



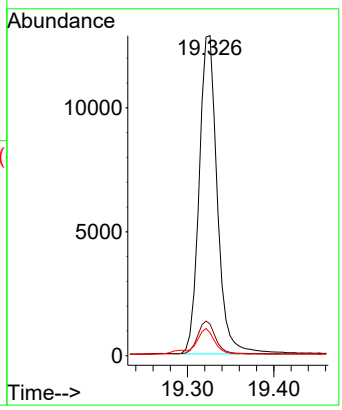


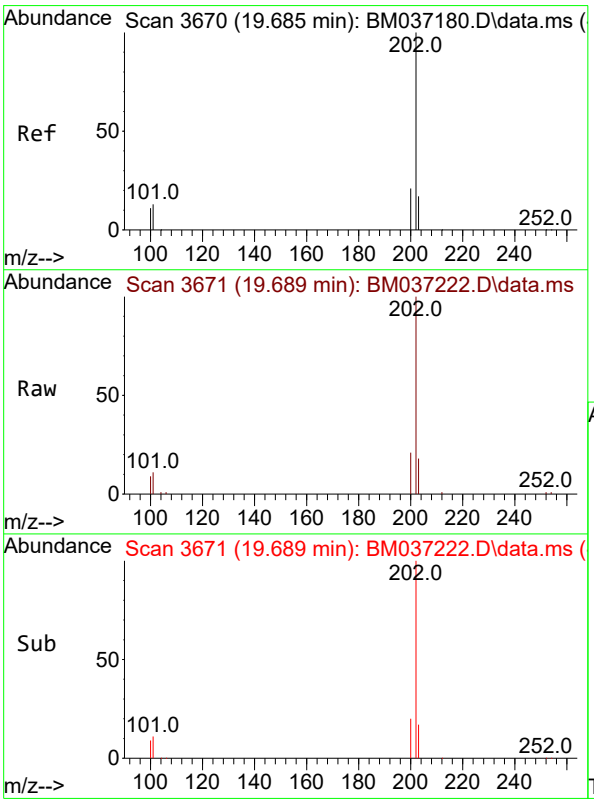
#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 18740

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.9	13.3
100	7.1	6.9	10.3

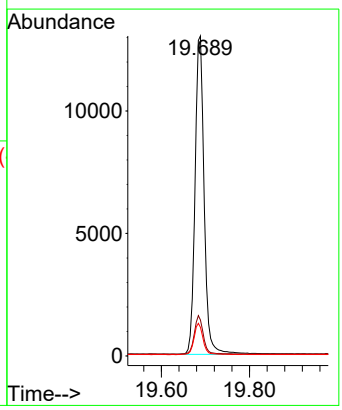


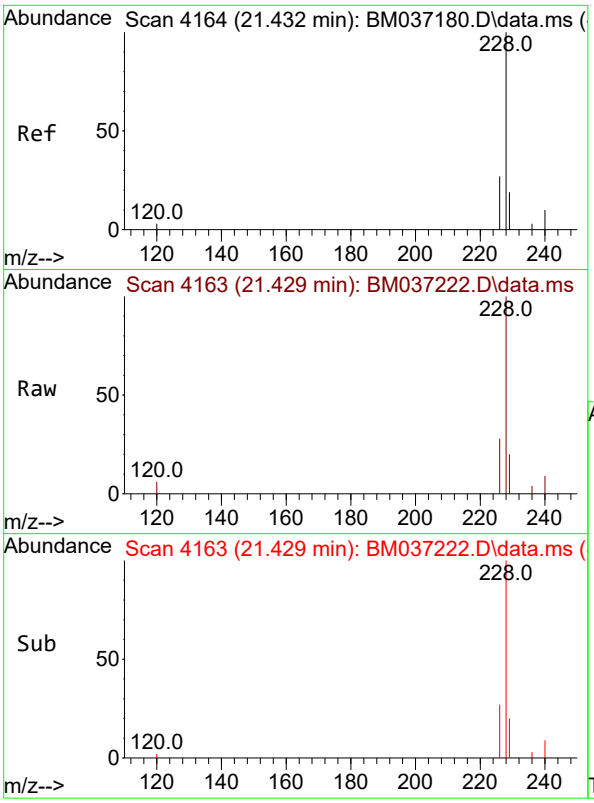


#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:202 Resp: 18774

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.7	14.5
100	8.9	7.8	11.8



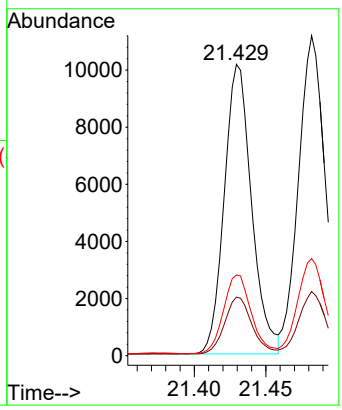


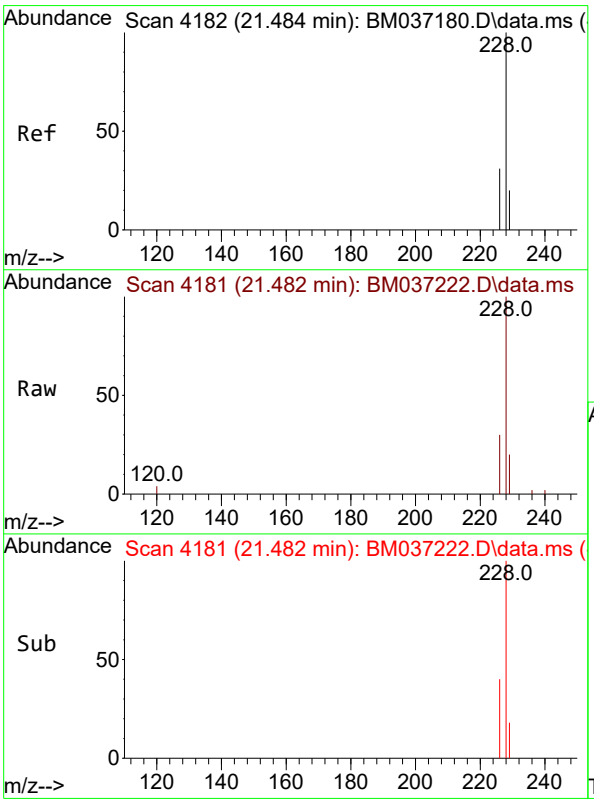
#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.429 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 13489

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	27.7	21.8	32.8

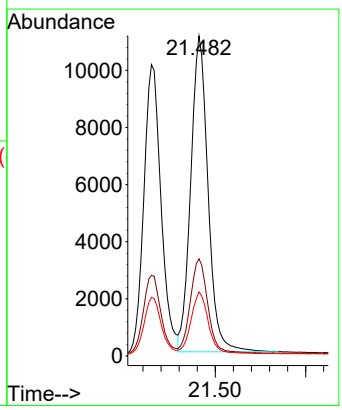


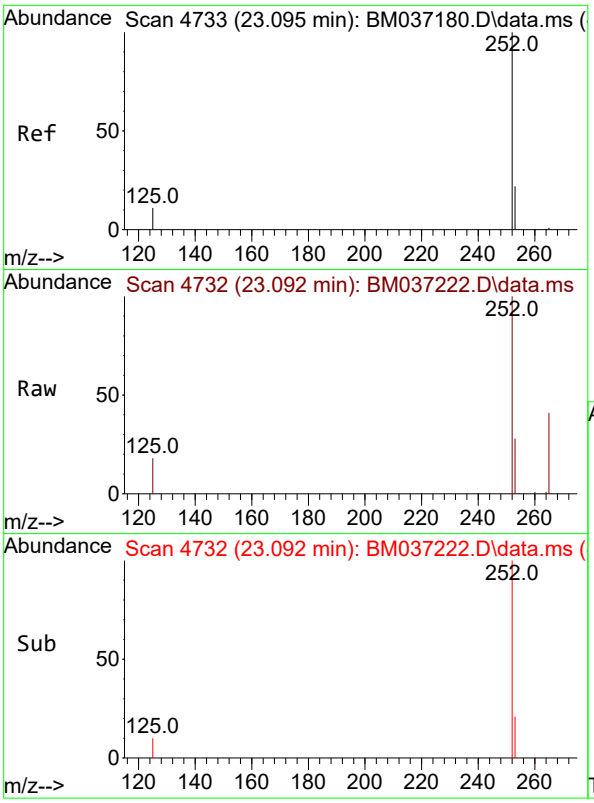


#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:228 Resp: 14680

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	20.1	16.0	24.0



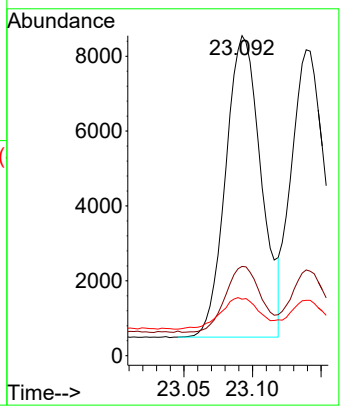


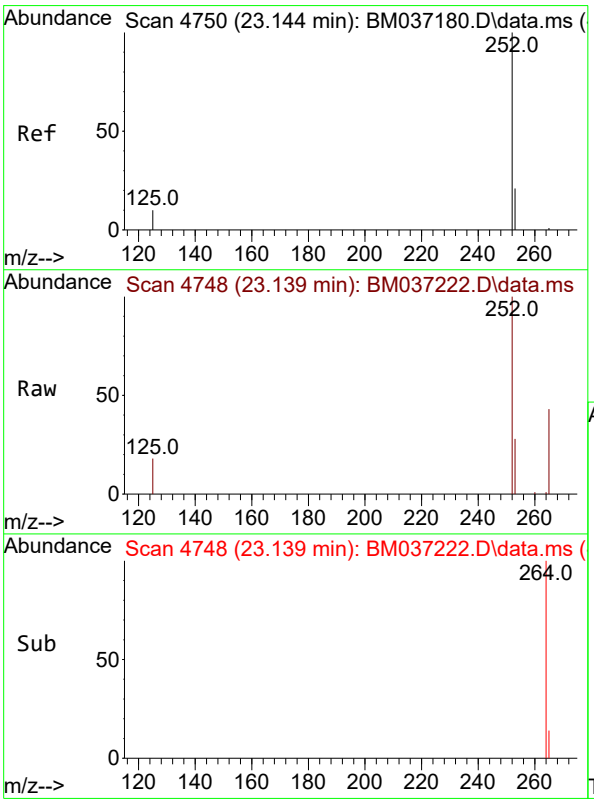
#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.092 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14451

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	50.6
125	17.7	0.0	32.6

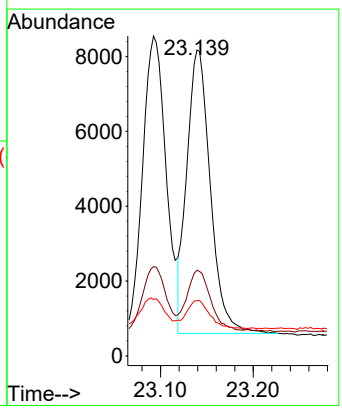


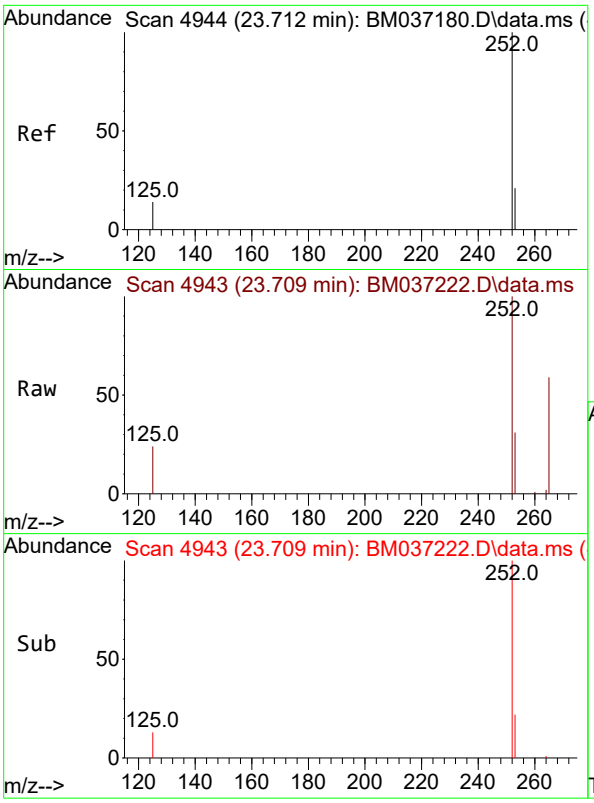


#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:252 Resp: 13398

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.6	30.8
125	18.1	13.3	19.9



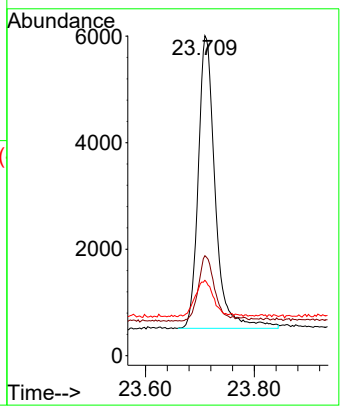


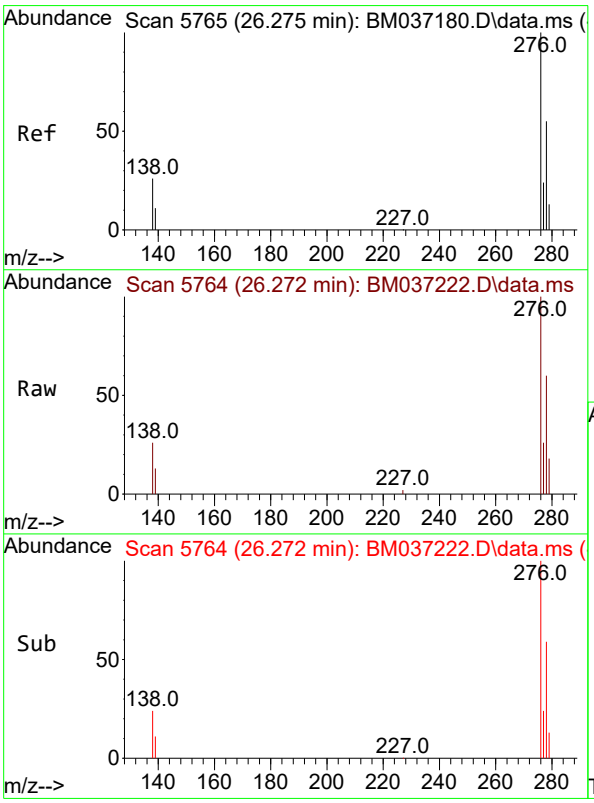
#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.709 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 11894

Ion	Ratio	Lower	Upper
252	100		
253	31.2	22.1	33.1
125	23.6	17.6	26.4

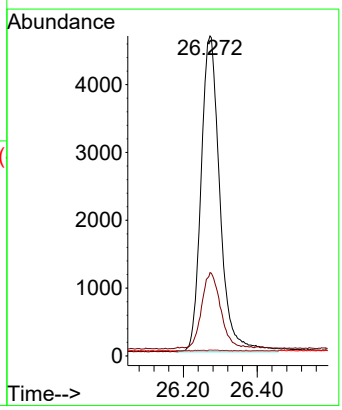


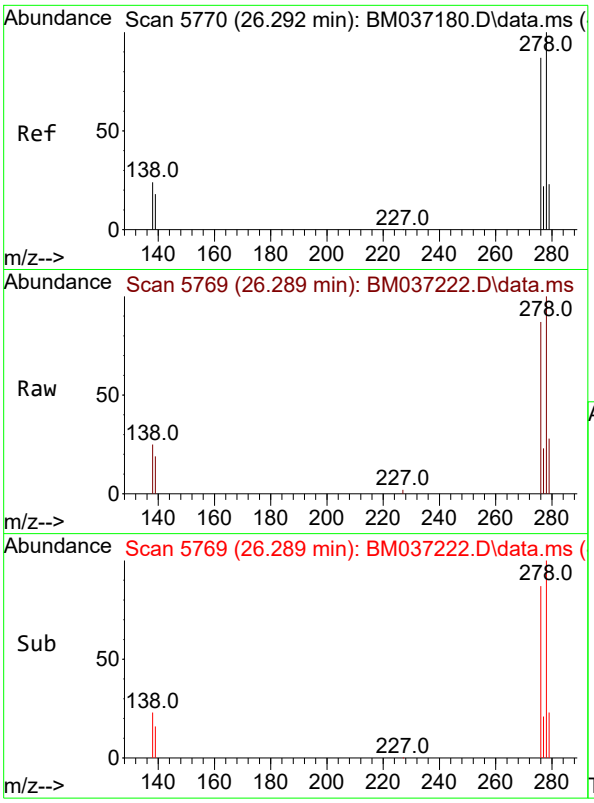


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:276 Resp: 16471

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.4	32.0
227	0.1	0.1	0.1



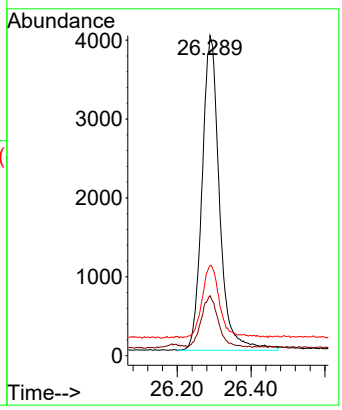


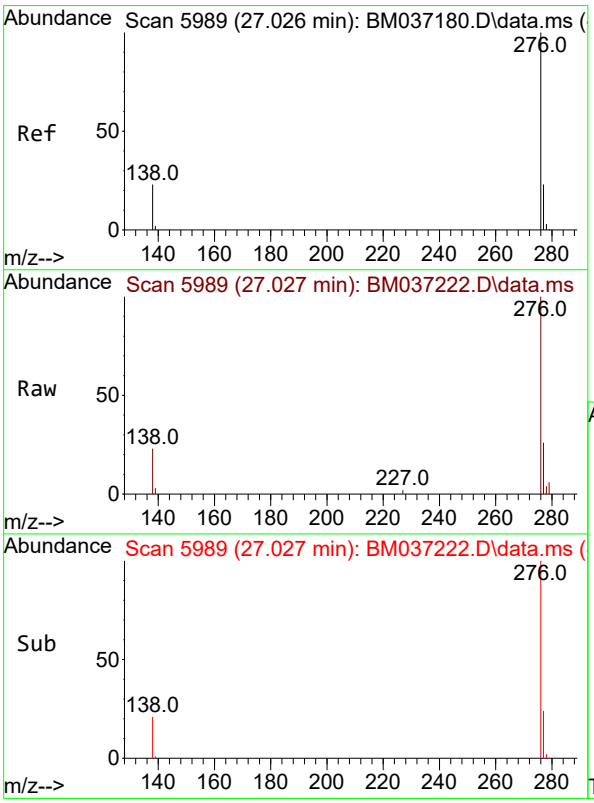
#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.289 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 13053

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.3	24.5
279	28.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 27.027 min Scan# 5989
Delta R.T. 0.001 min
Lab File: BM037222.D
Acq: 25 Oct 2022 11:17

Tgt Ion:276 Resp: 14340

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.8	29.8
277	25.6	20.1	30.1