Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037406.D
Acq On : 08 Nov 2022 00:27
Operator : CG/JU
Sample : N5407-14MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Quant Time: Nov 08 01:08:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	5335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	17616	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	10356	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	21654	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	15045	0.400	ng/ul	0.00
23) Perylene-d12	23.715	264	12328	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1388	0.205	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	8895	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	24198	0.514	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	4196	0.627	ng/ul	93
5) Naphthalene	10.682	128	17444	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	10983	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	11841	0.360	ng/ul	100
10) Acenaphthylene	14.191	152	15365	0.348	ng/ul	100
11) Acenaphthene	14.529	153	13854	0.356	ng/ul	99
12) Fluorene	15.514	166	16364	0.367	ng/ul	98
14) Pentachlorophenol	16.866	266	4799	0.840	ng/ul	100
15) Phenanthrene	17.250	178	29906	0.403	ng/ul	100
16) Anthracene	17.343	178	24930	0.413	ng/ul	100
19) Fluoranthene	19.266	202	37159	0.521	ng/ul	99
20) Pyrene	19.624	202	38927	0.522	ng/ul	99
21) Benzo(a)anthracene	21.365	228	30497	0.470	ng/ul	100
22) Chrysene	21.418	228	32966	0.455	ng/ul	100
24) Benzo(b)fluoranthene	23.002	252	32666	0.462	ng/ul	100
25) Benzo(k)fluoranthene	23.049	252	31738	0.468	ng/ul	99
26) Benzo(a)pyrene	23.610	252	26167	0.442	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.125	276	33870	0.430	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.142	278	26255	0.433	ng/ul	98
29) Benzo(g,h,i)perylene	26.866	276	28912	0.424	ng/ul	98

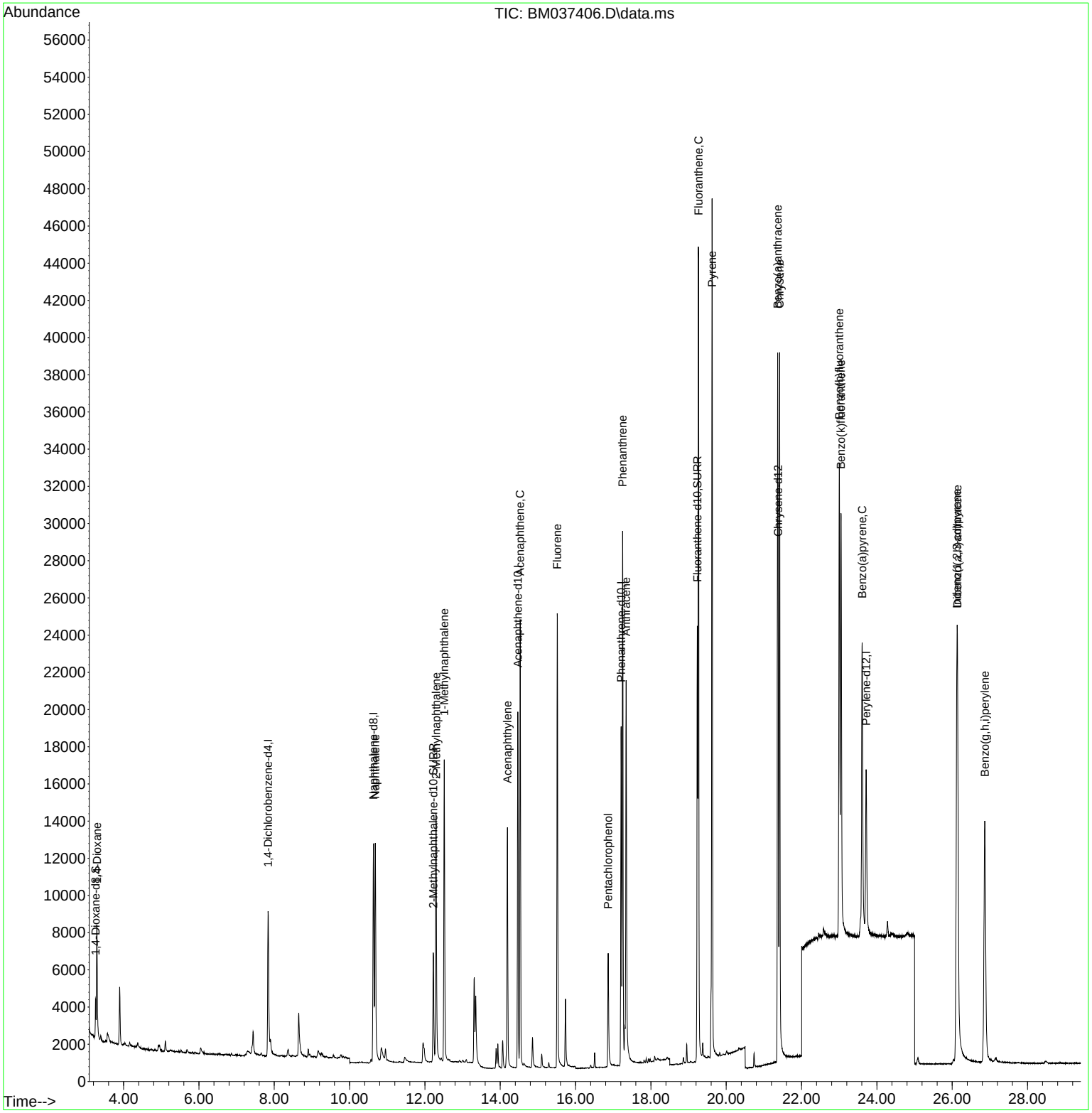
(#) = qualifier out of range (m) = manual integration (+) = signals summed

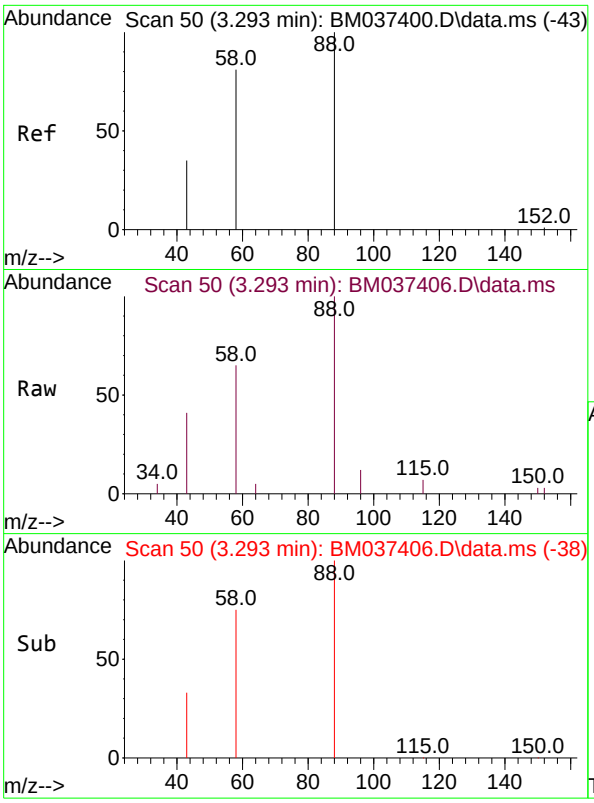
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037406.D
Acq On : 08 Nov 2022 00:27
Operator : CG/JU
Sample : N5407-14MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Quant Time: Nov 08 01:08:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration



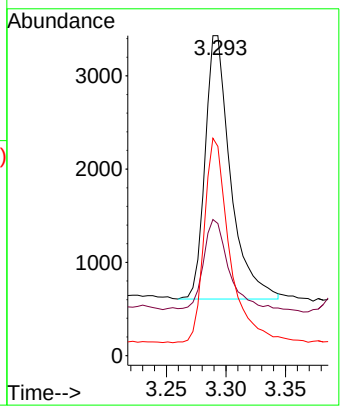


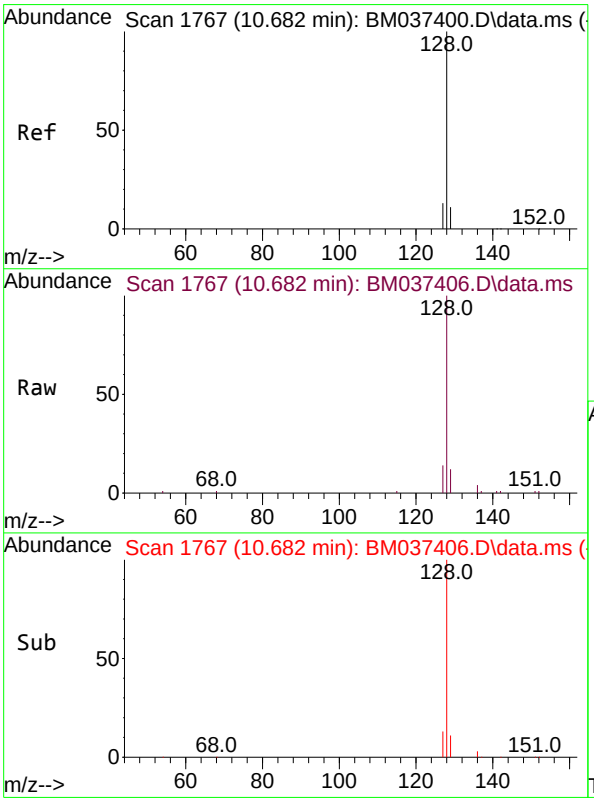
#2
1,4-Dioxane
Concen: 0.627 ng/ul
RT: 3.293 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion: 88 Resp: 4196

Ion	Ratio	Lower	Upper
88	100		
43	41.3	39.9	59.9
58	65.4	50.2	75.2

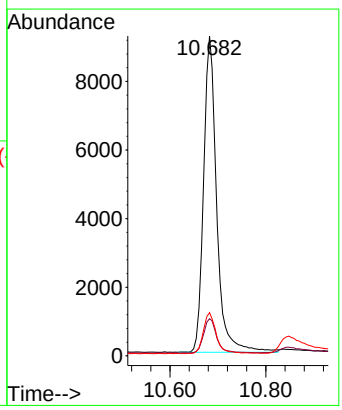


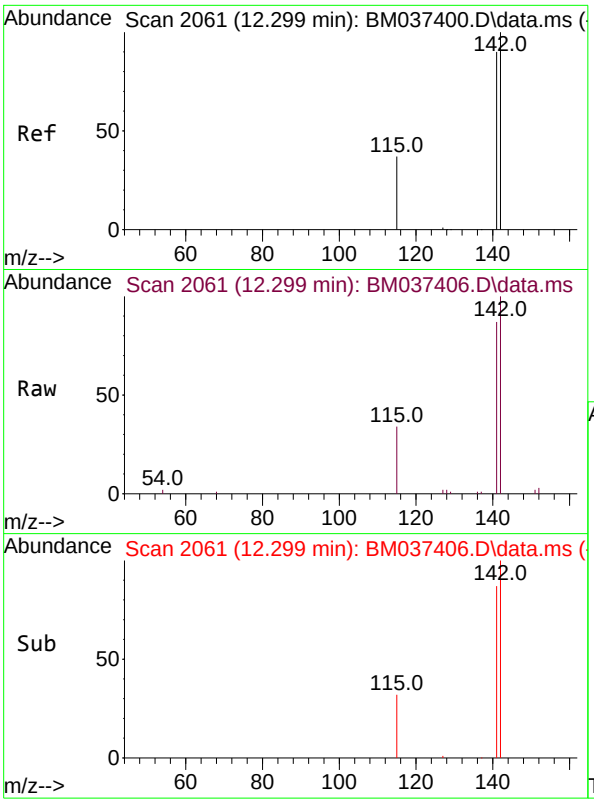


#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:128 Resp: 17444

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.5	10.2	15.4



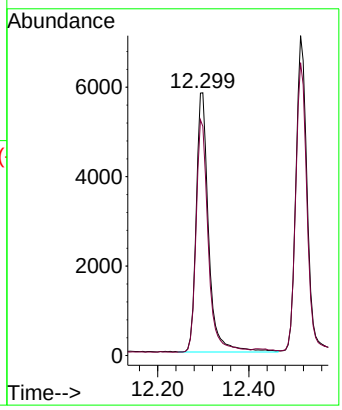


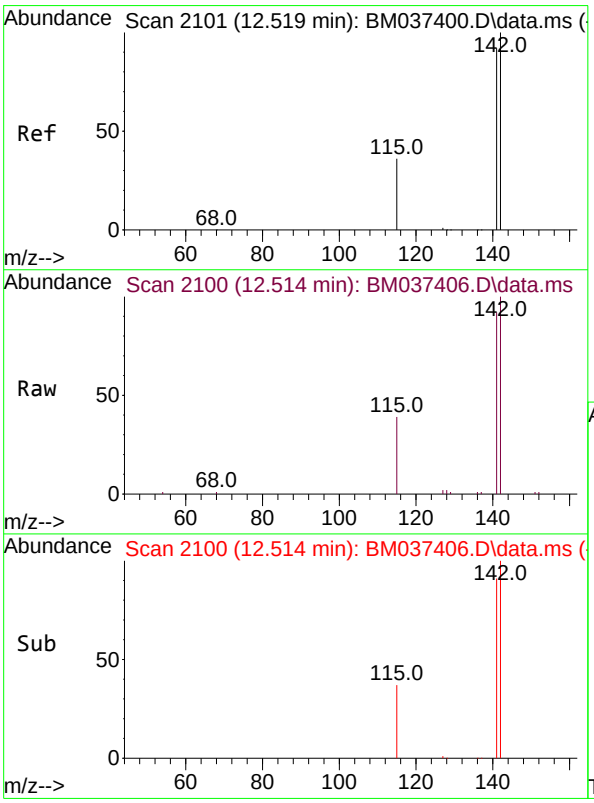
#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.299 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:142 Resp: 10983

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8

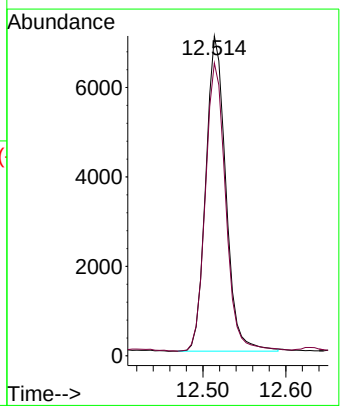


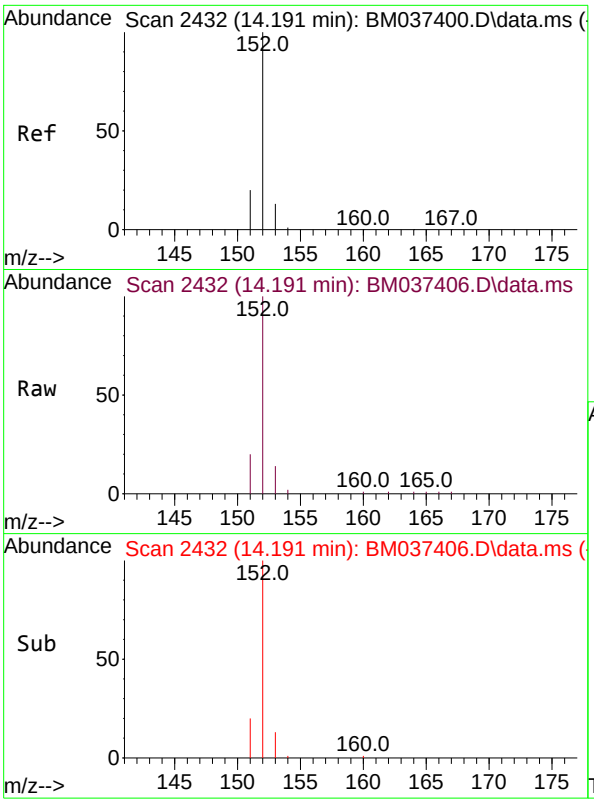


#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:142 Resp: 11841

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9



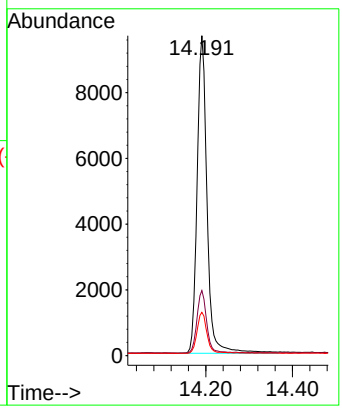


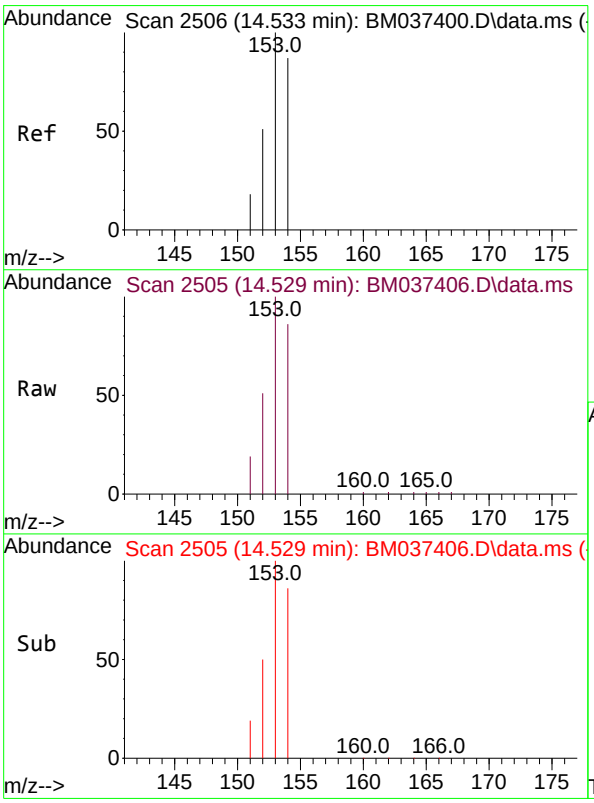
#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.191 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:152 Resp: 15365

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.5	11.0	16.4

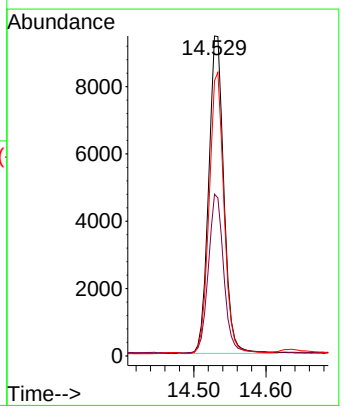


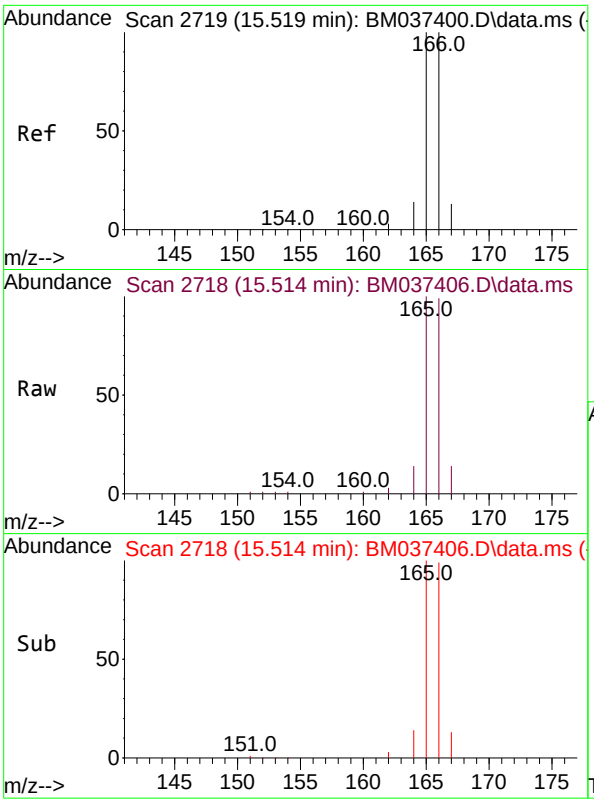


#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:153 Resp: 13854

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.2	60.4
154	86.0	70.4	105.6



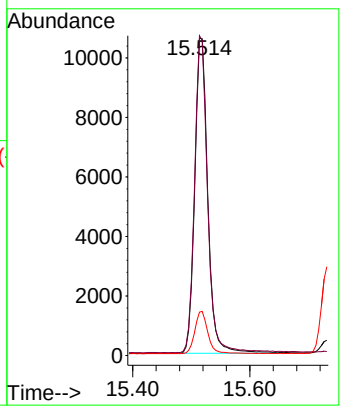


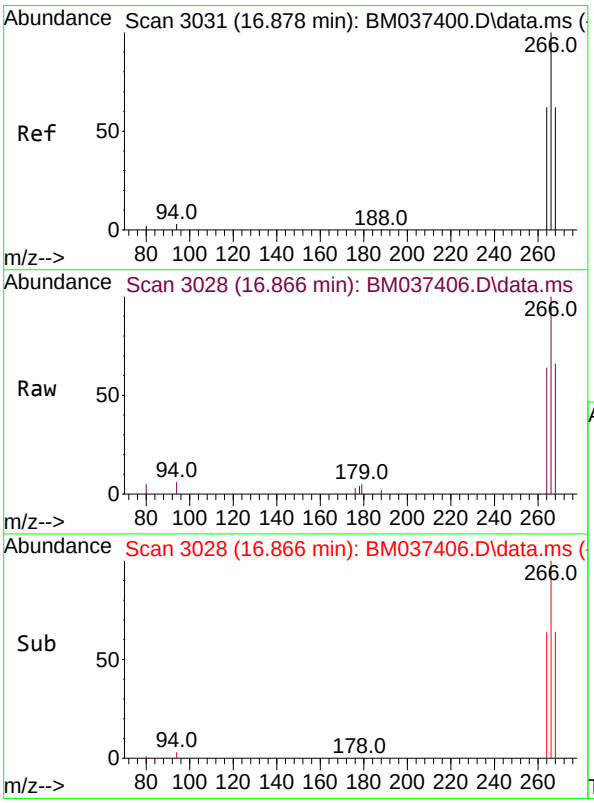
#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.514 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:166 Resp: 16364

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	13.7	11.1	16.7

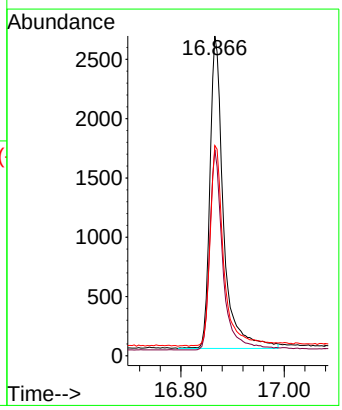


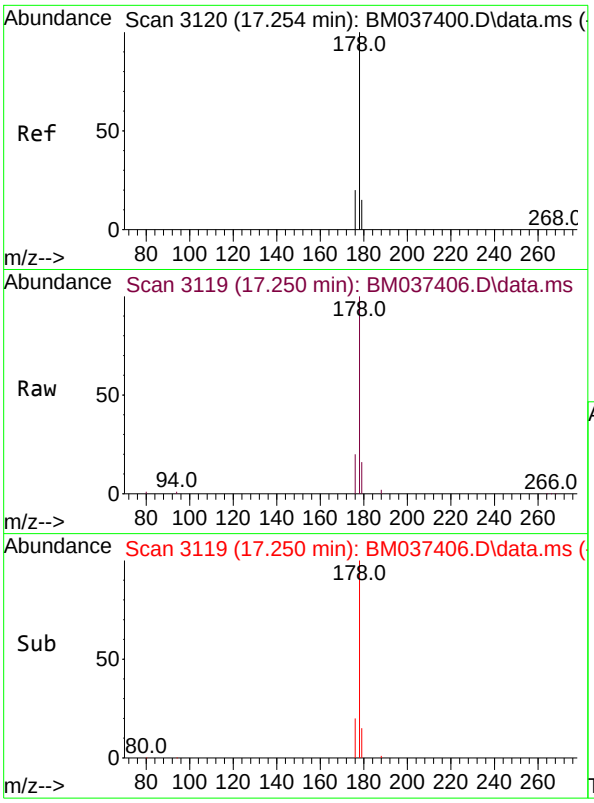


#14
Pentachlorophenol
Concen: 0.840 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.013 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:266 Resp: 4799

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.9	74.9
268	65.0	51.9	77.9



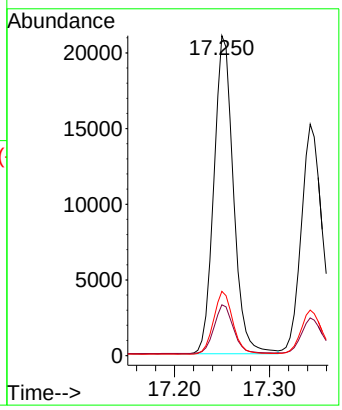


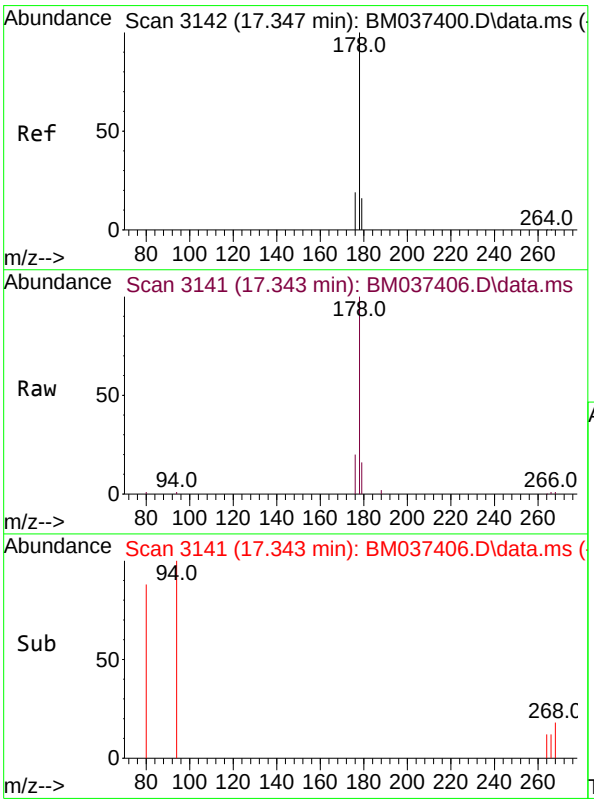
#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.250 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:178 Resp: 29906

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.1	16.0	24.0

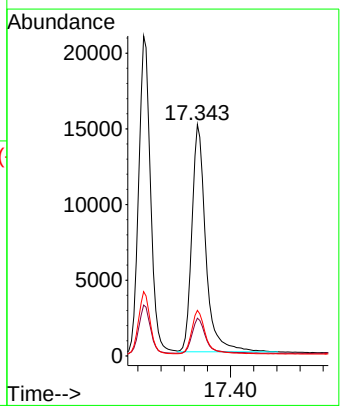


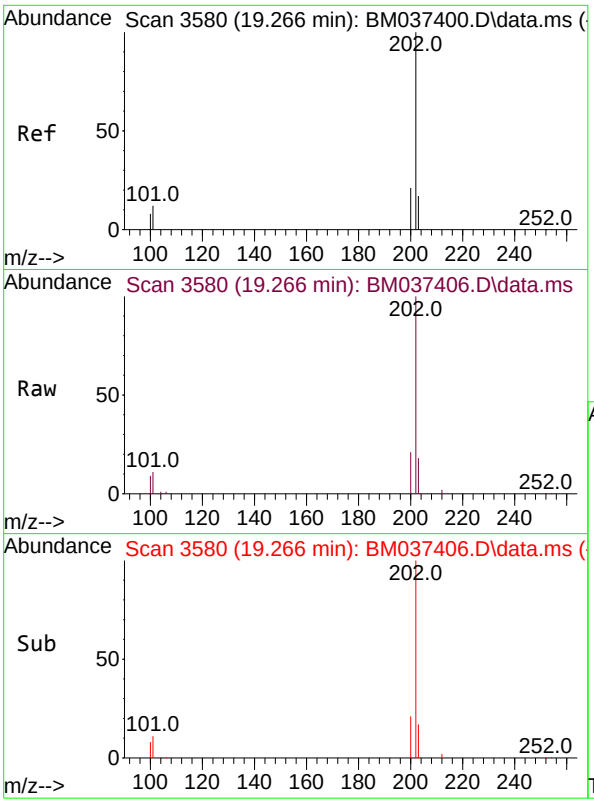


#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:178 Resp: 24930

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.7	15.5	23.3



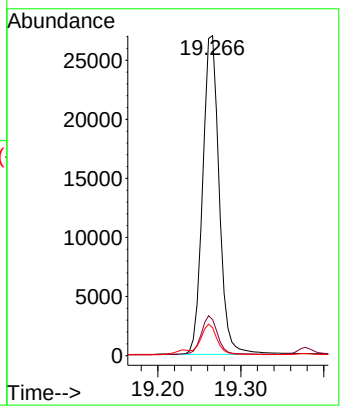


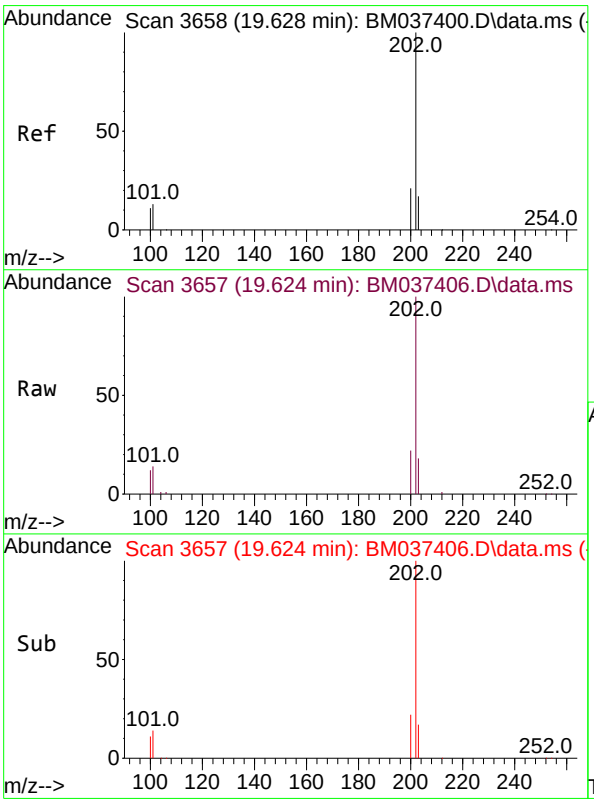
#19
Fluoranthene
Concen: 0.521 ng/ul
RT: 19.266 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:202 Resp: 37159

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
100	8.7	6.6	10.0

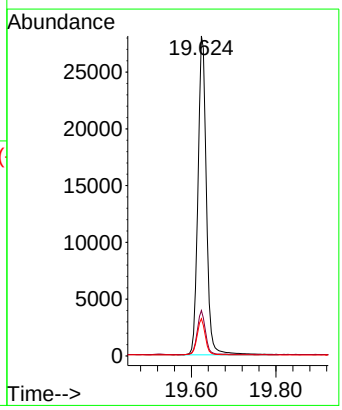


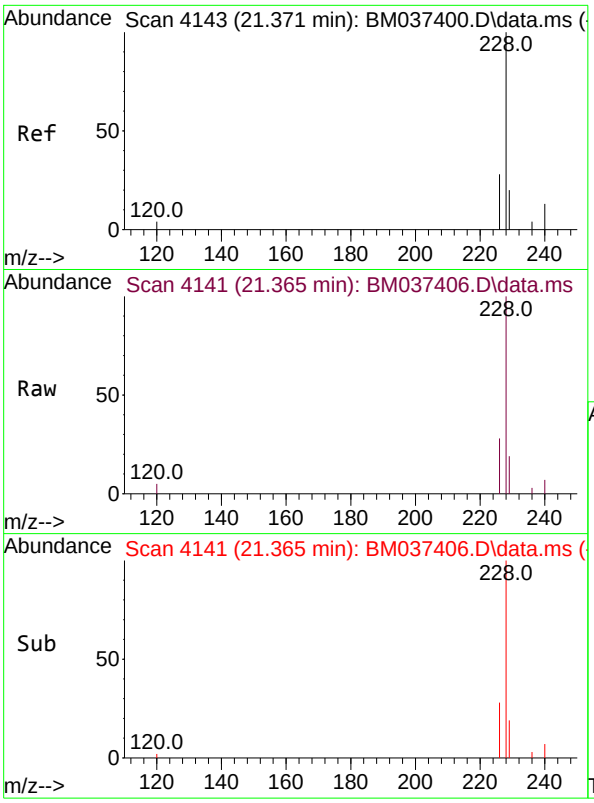


#20
Pyrene
Concen: 0.522 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:202 Resp: 38927

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.1	16.7
100	11.6	9.0	13.4



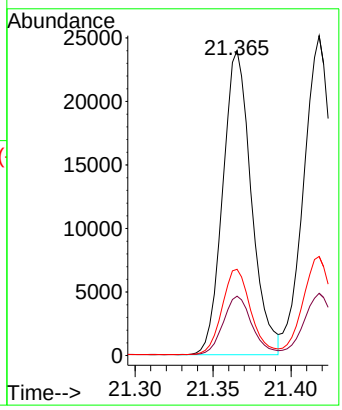


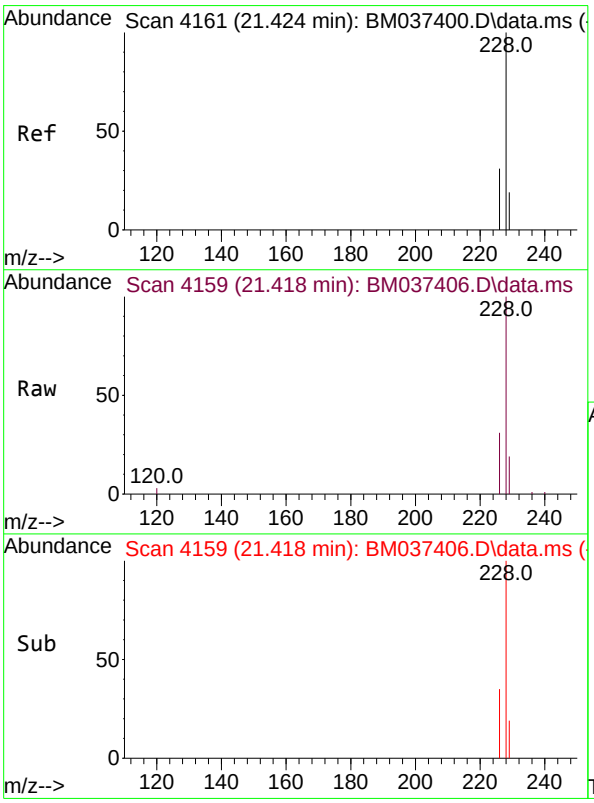
#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.365 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:228 Resp: 30497

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	28.3	22.6	33.8

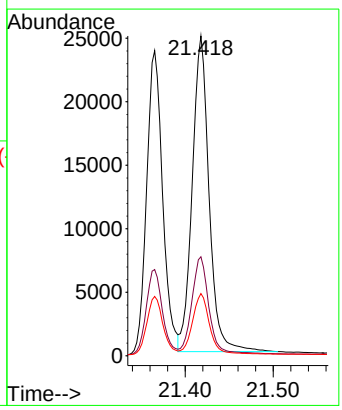


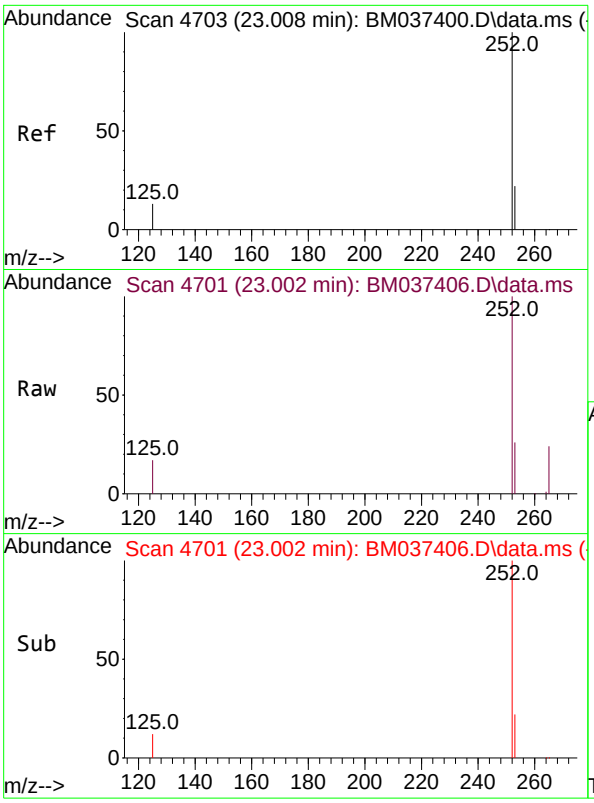


#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:228 Resp: 32966

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.5	15.6	23.4



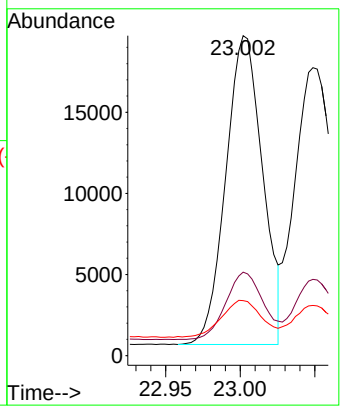


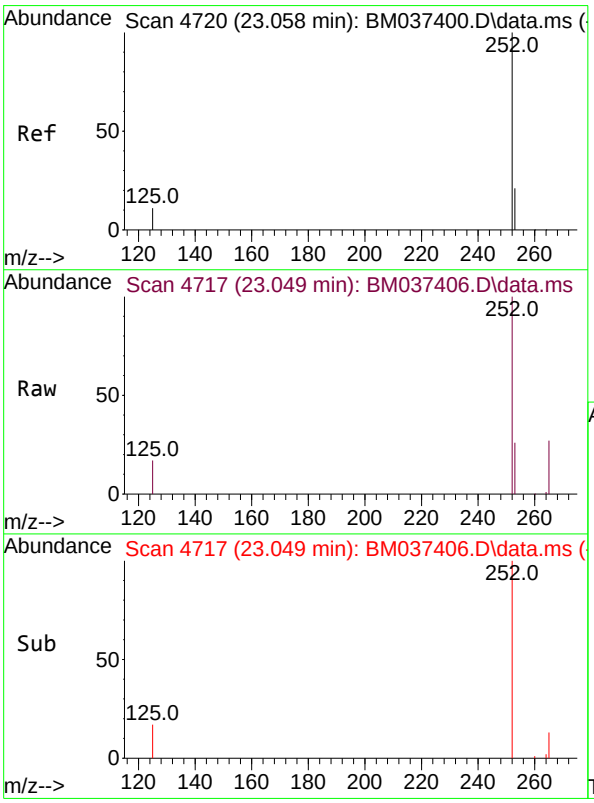
#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 23.002 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:252 Resp: 32666

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	52.6
125	17.2	0.0	34.0

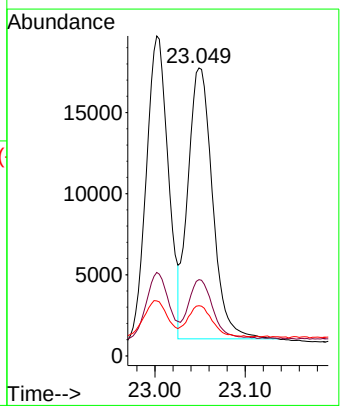


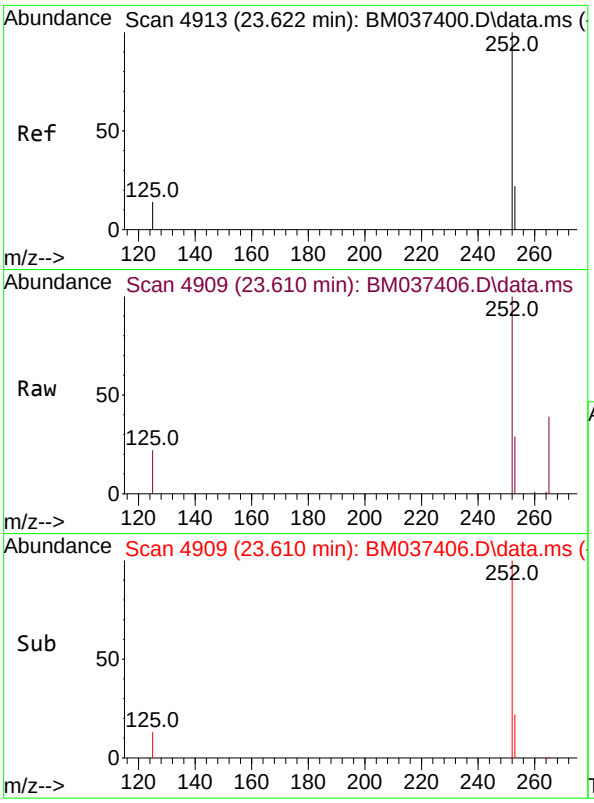


#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:252 Resp: 31738

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.6	32.4
125	17.4	13.8	20.8



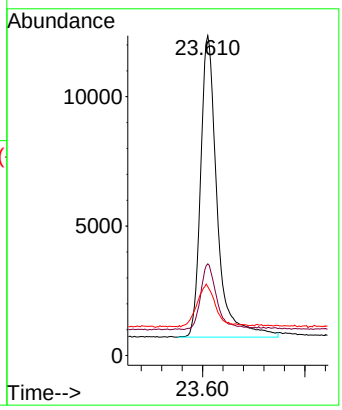


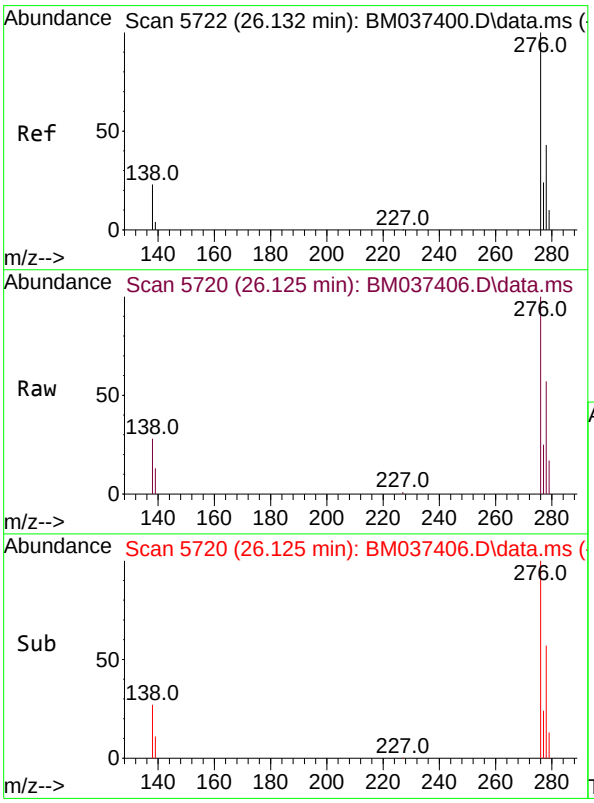
#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.610 min Scan# 49
Delta R.T. -0.009 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:252 Resp: 26167

Ion	Ratio	Lower	Upper
252	100		
253	28.7	23.8	35.6
125	21.5	17.2	25.8

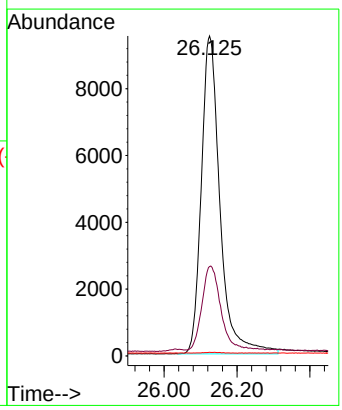


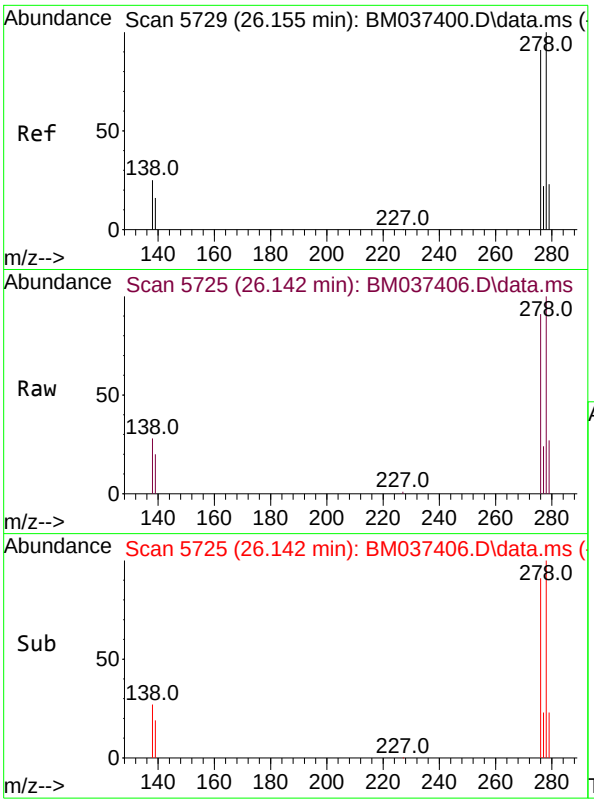


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 26.125 min Scan# 5720
Delta R.T. -0.013 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:276 Resp: 33870

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.8	31.2
227	0.2	0.1	0.1#



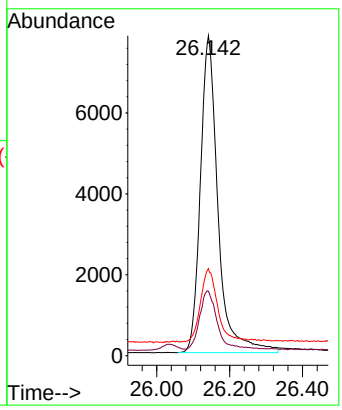


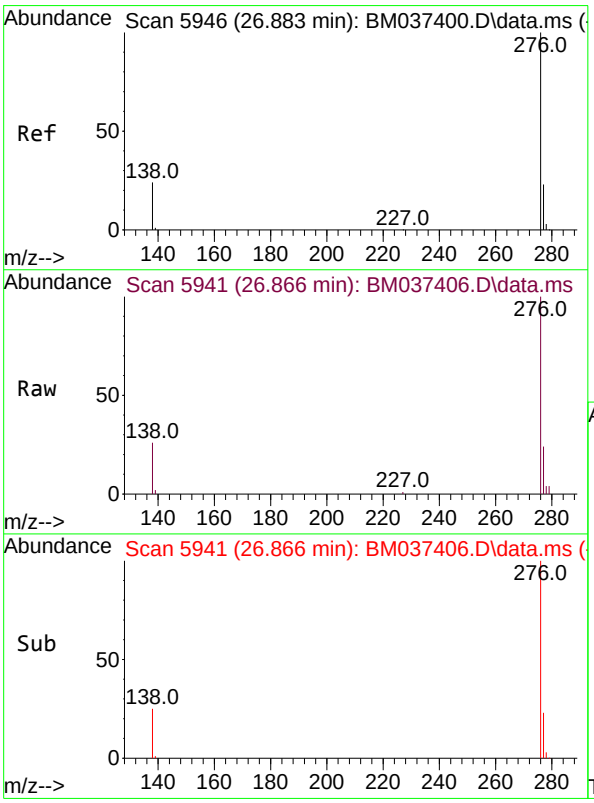
#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.142 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Instrument :
BNA_M
ClientSampleId :
EW4Z2MS

Tgt Ion:278 Resp: 26255

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.2	22.8
279	27.2	22.2	33.2





#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.866 min Scan# 5941
Delta R.T. -0.013 min
Lab File: BM037406.D
Acq: 08 Nov 2022 00:27

Tgt Ion:276 Resp: 28912

Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.6	29.4
277	24.3	20.1	30.1