Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
Data File : BM037151.D
Acq On : 19 Oct 2022 14:09
Operator : CG/JU
Sample : SSTD3.278
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Quant Time: Oct 20 02:01:02 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 : Thu Oct 20 01:35:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3245	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	9831	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	5518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	11768	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	11247	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	9562	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	12388	2.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	49337	3.323	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	110027	3.271	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	12908	2.885	ng/ul	90
5) Naphthalene	10.759	128	96904	3.448	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	61750	3.592	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	64572	3.698	ng/ul	99
10) Acenaphthylene	14.260	152	83207	3.628	ng/ul	98
11) Acenaphthene	14.598	153	70515	3.543	ng/ul	98
12) Fluorene	15.583	166	83503	3.703	ng/ul	100
14) Pentachlorophenol	16.929	266	11056	3.882	ng/ul	99
15) Phenanthrene	17.322	178	132774	3.534	ng/ul	98
16) Anthracene	17.410	178	117176	3.732	ng/ul	99
19) Fluoranthene	19.331	202	159731	3.571	ng/ul	99
20) Pyrene	19.693	202	158452	3.397	ng/ul	98
21) Benzo(a)anthracene	21.438	228	150539	3.705	ng/ul	100
22) Chrysene	21.491	228	157485	3.610	ng/ul	99
24) Benzo(b)fluoranthene	23.107	252	169032	3.957	ng/ul	91
25) Benzo(k)fluoranthene	23.154	252	166807	4.007	ng/ul#	91
26) Benzo(a)pyrene	23.727	252	138907	4.008	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.296	276	205965	4.195	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.313	278	165637	4.175	ng/ul	94
29) Benzo(g,h,i)perylene	27.057	276	175440	4.055	ng/ul	97

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

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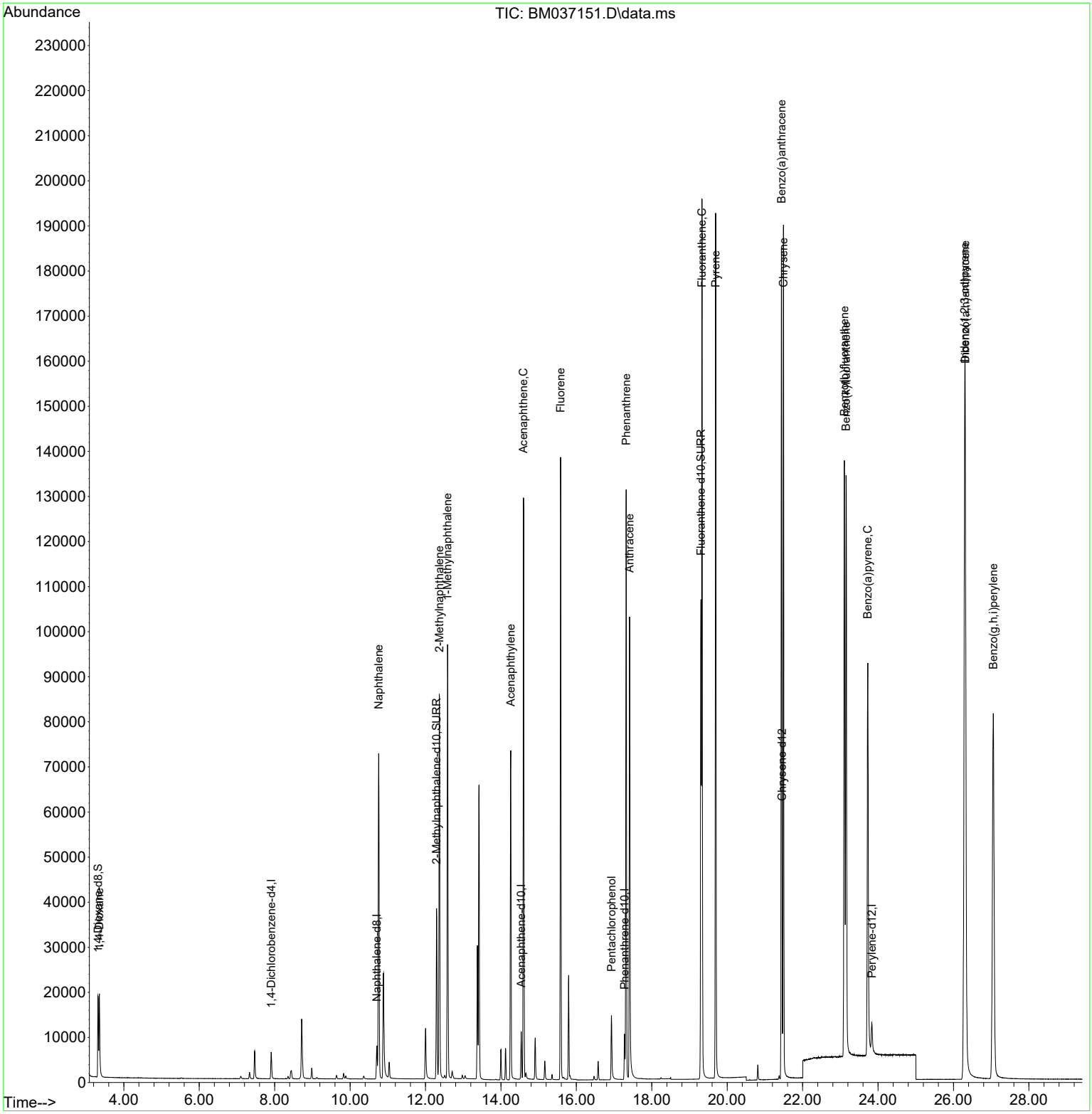
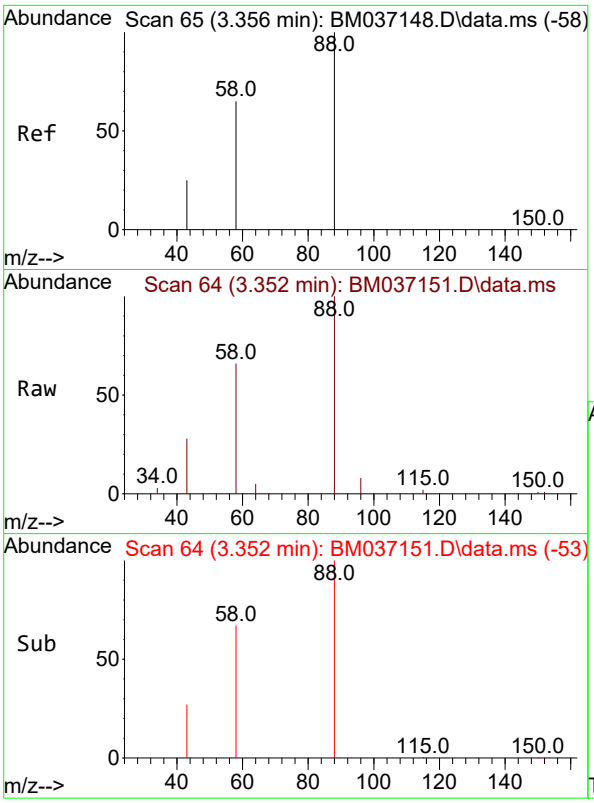


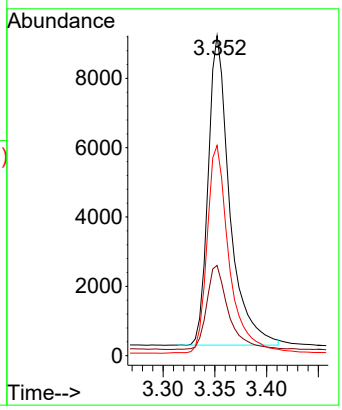


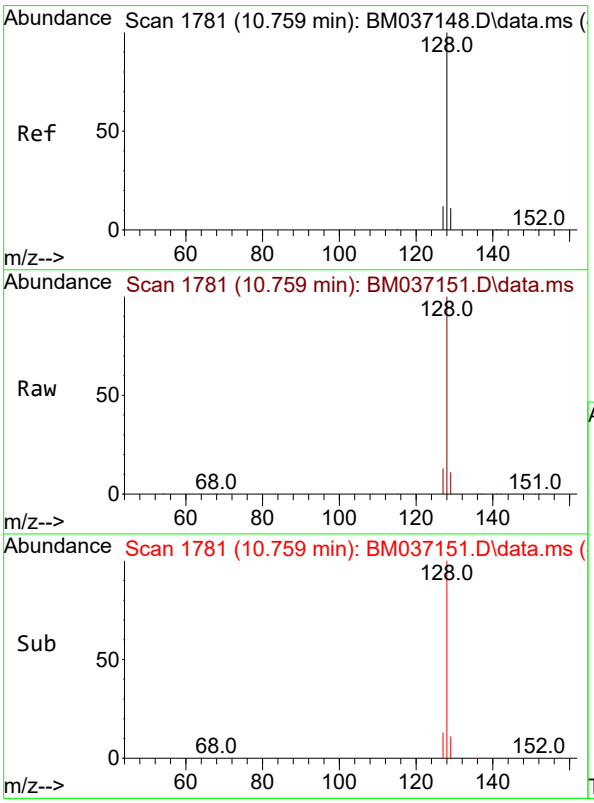
#2
1,4-Dioxane
Concen: 2.885 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion: 88 Resp: 12908

Ion	Ratio	Lower	Upper
88	100		
43	28.2	25.5	38.3
58	65.7	45.8	68.6

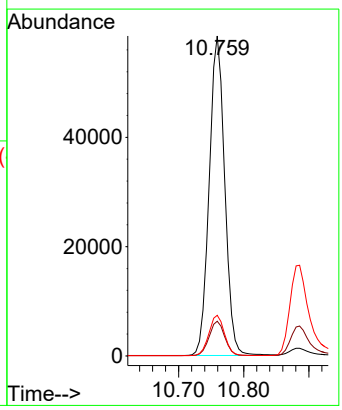


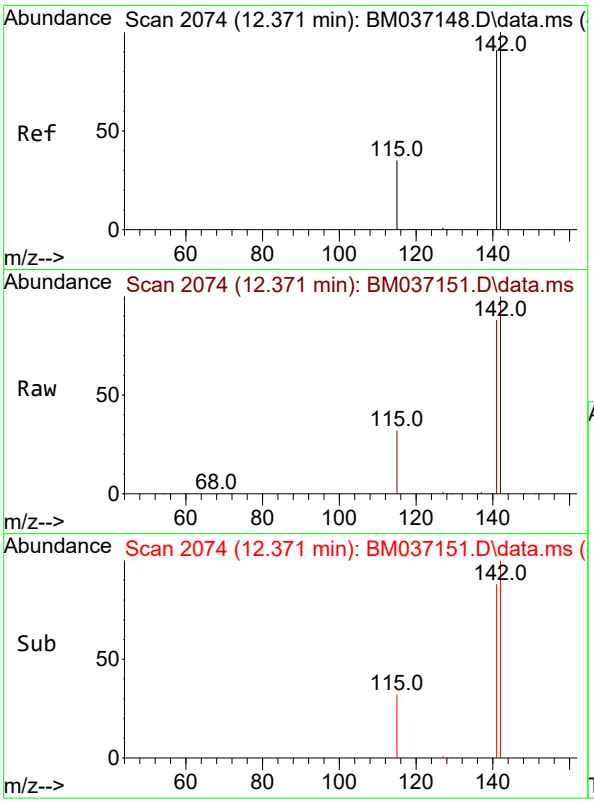


#5
Naphthalene
Concen: 3.448 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:128 Resp: 96904

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	12.7	10.5	15.7



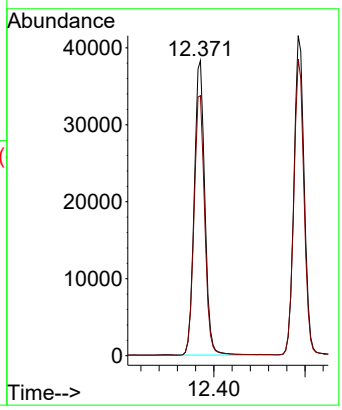


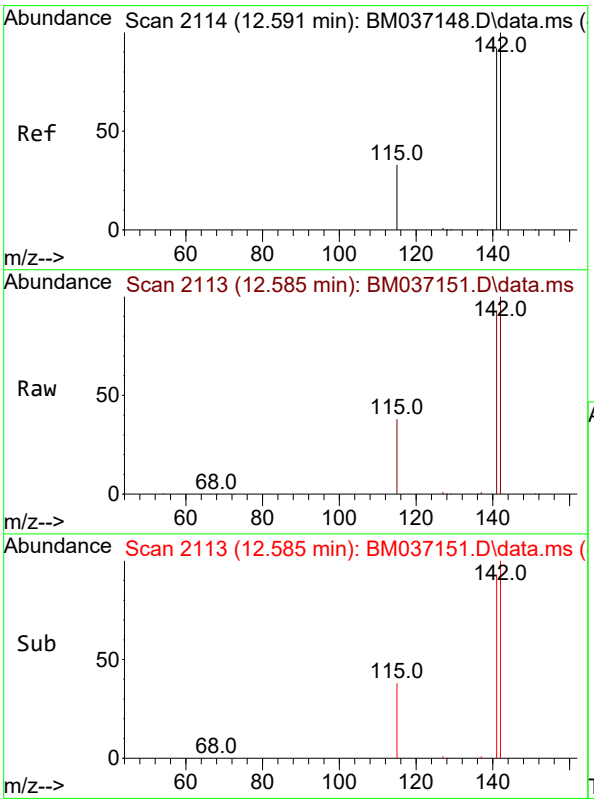
#7
2-Methylnaphthalene
Concen: 3.592 ng/ul
RT: 12.371 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:142 Resp: 61750

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.8	109.2

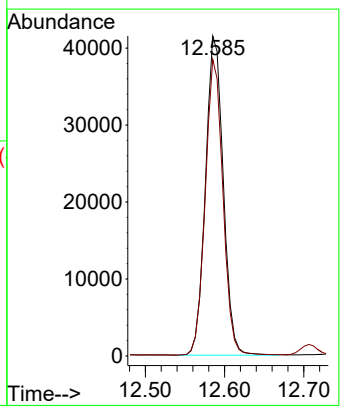


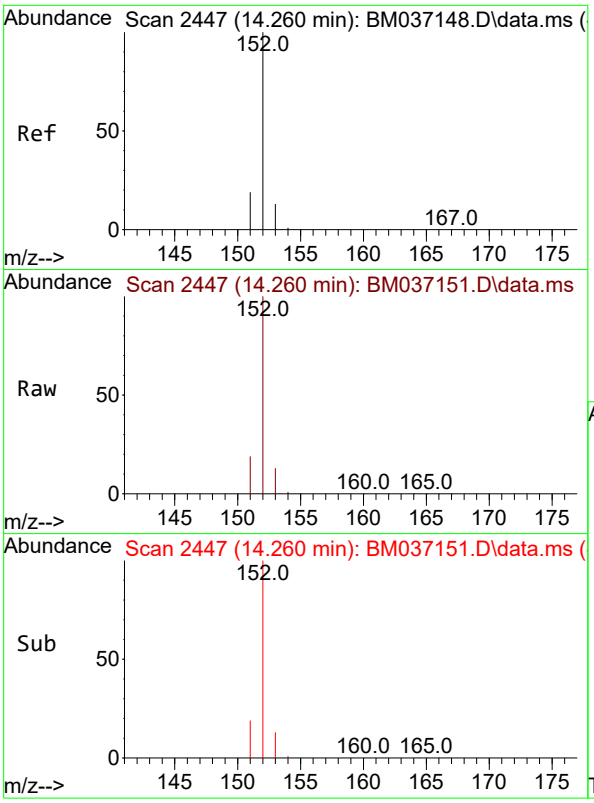


#8
1-Methylnaphthalene
Concen: 3.698 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:142 Resp: 64572

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4



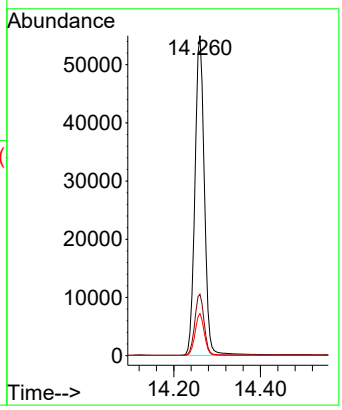


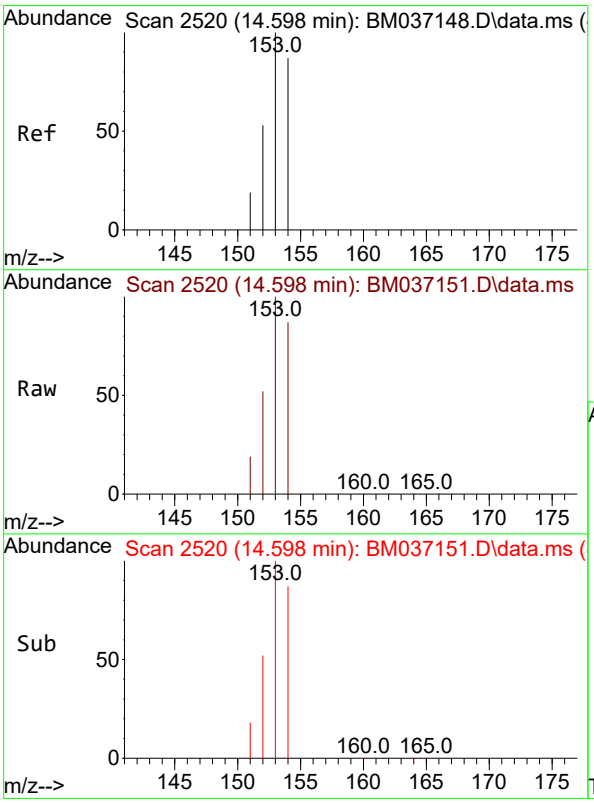
#10
Acenaphthylene
Concen: 3.628 ng/ul
RT: 14.260 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:152 Resp: 83207

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	13.2	10.8	16.2

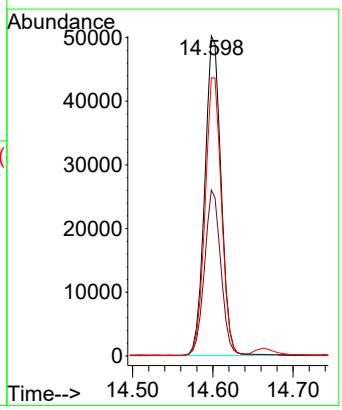


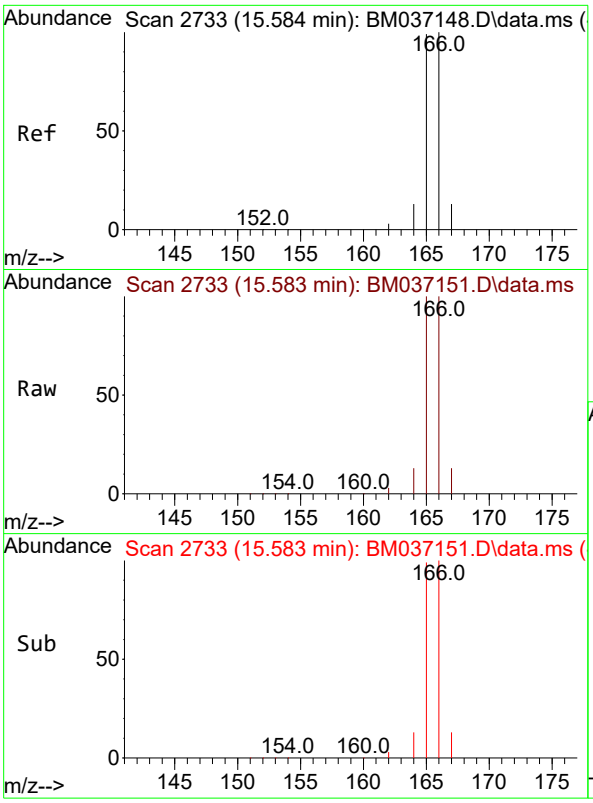


#11
Acenaphthene
Concen: 3.543 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:153 Resp: 70515

Ion	Ratio	Lower	Upper
153	100		
152	51.9	43.3	64.9
154	86.9	70.0	105.0



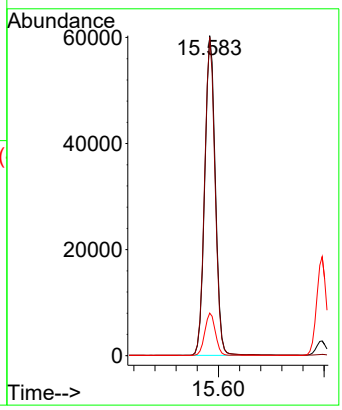


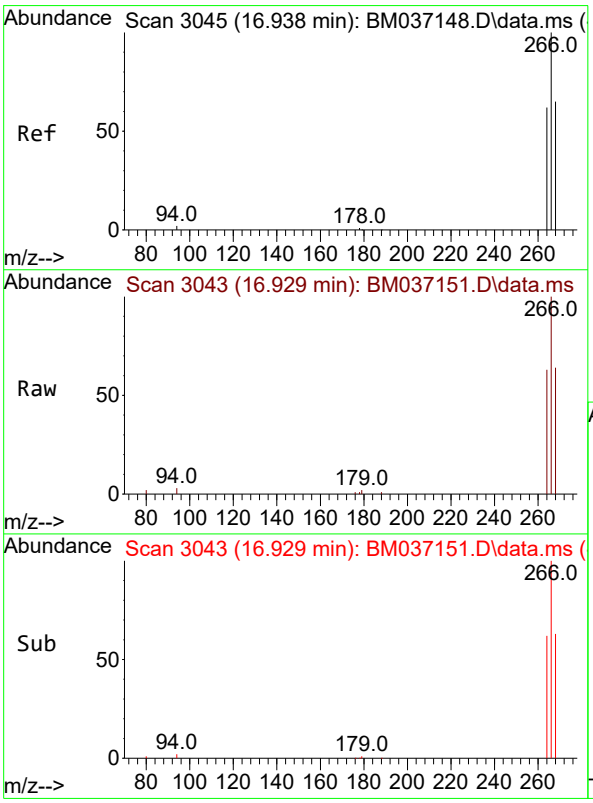
#12
Fluorene
Concen: 3.703 ng/ul
RT: 15.583 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:166 Resp: 83503

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.4	119.2
167	13.3	11.3	16.9

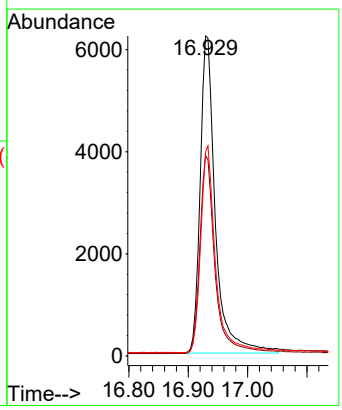


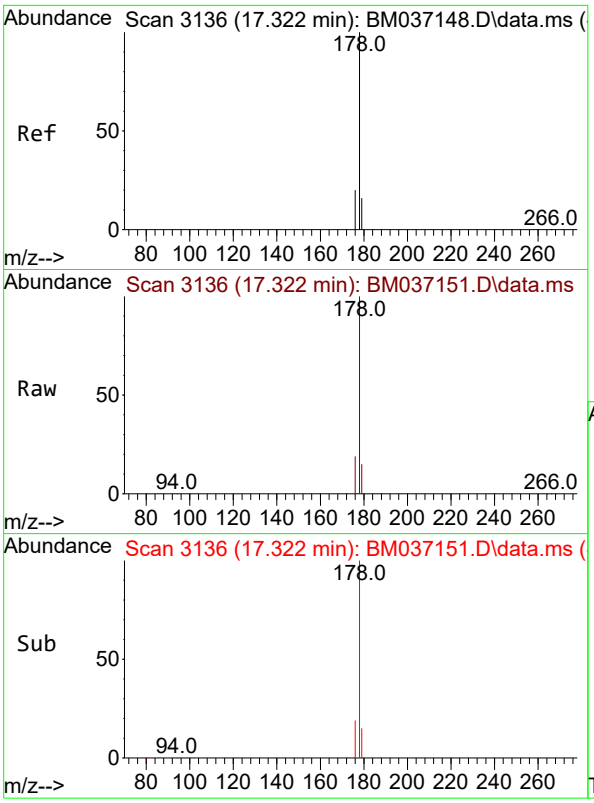


#14
Pentachlorophenol
Concen: 3.882 ng/ul
RT: 16.929 min Scan# 3043
Delta R.T. -0.009 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:266 Resp: 11056

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.4	74.0
268	64.0	50.5	75.7



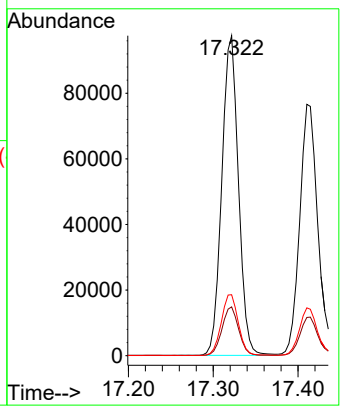


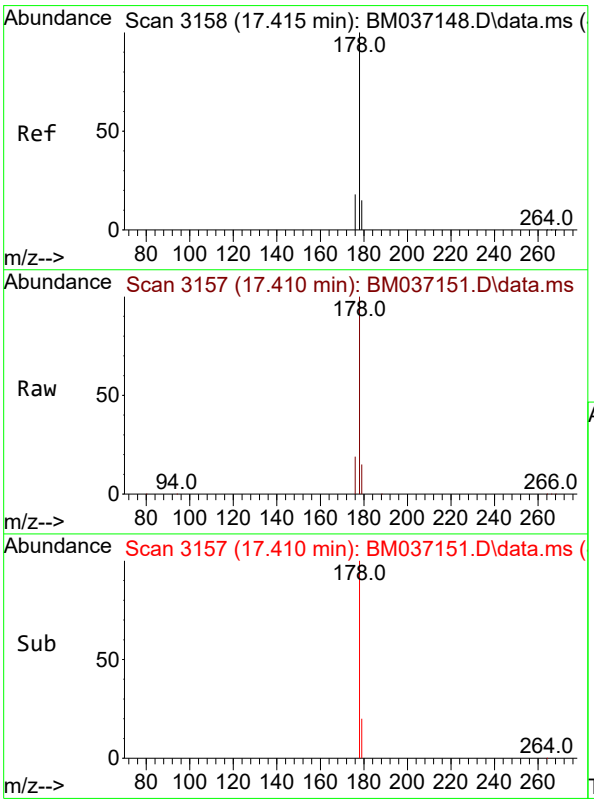
#15
Phenanthrene
Concen: 3.534 ng/ul
RT: 17.322 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:178 Resp: 132774

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	19.1	16.1	24.1

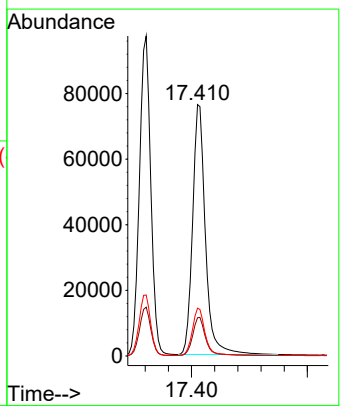


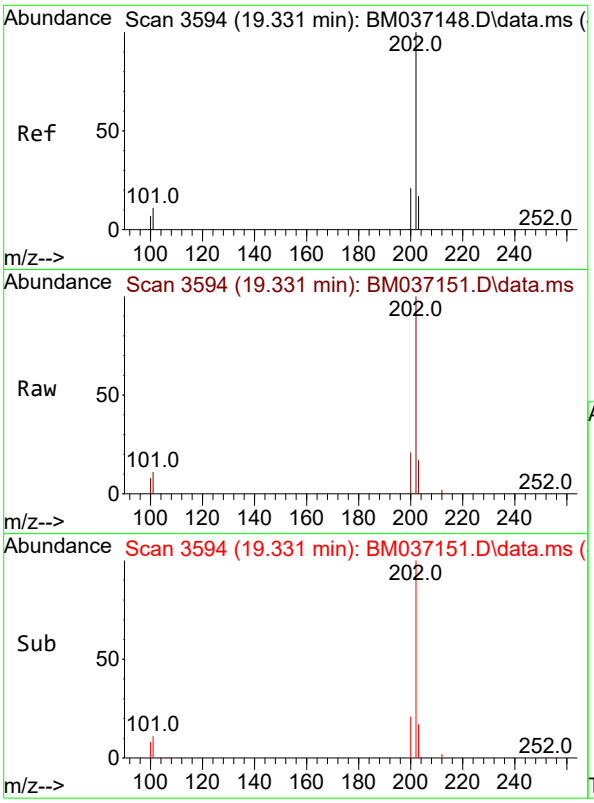


#16
Anthracene
Concen: 3.732 ng/ul
RT: 17.410 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:178 Resp: 117176

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.1	19.7
176	19.0	15.3	22.9



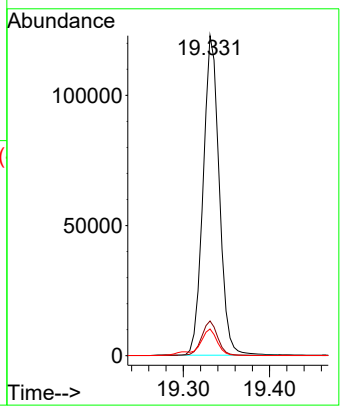


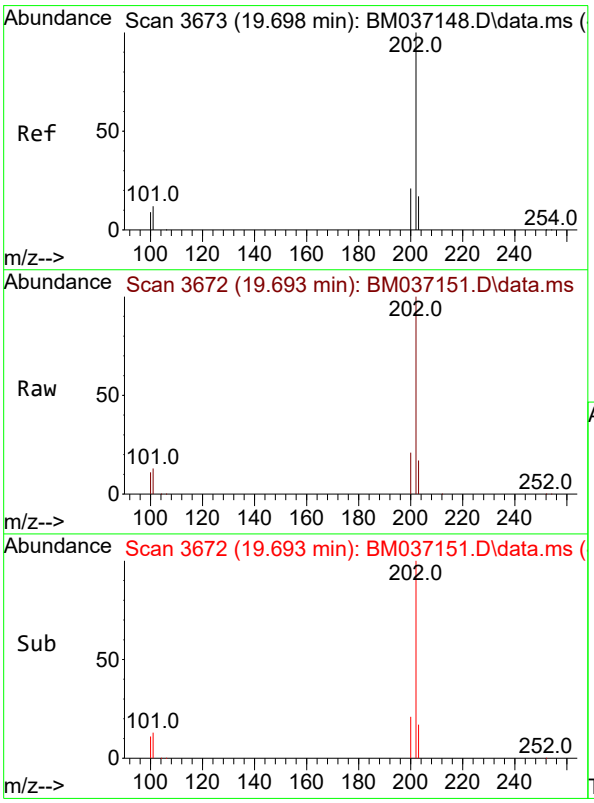
#19
Fluoranthene
Concen: 3.571 ng/ul
RT: 19.331 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:202 Resp: 159731

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	8.3	6.9	10.3

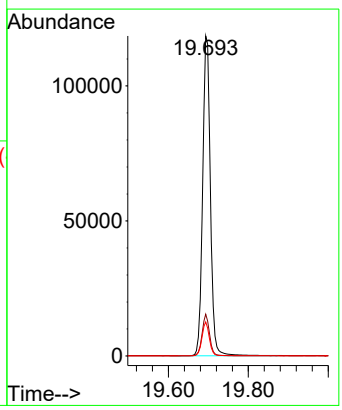


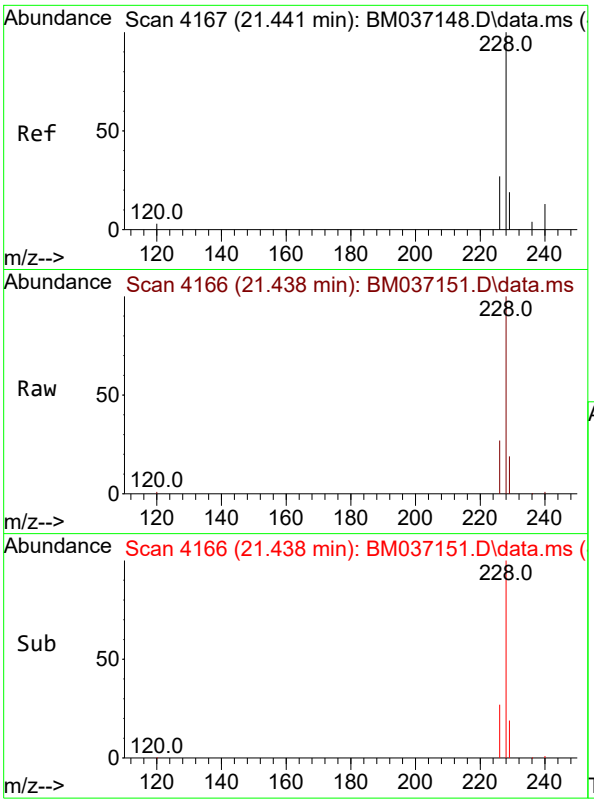


#20
Pyrene
Concen: 3.397 ng/ul
RT: 19.693 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:202 Resp: 158452

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	10.7	7.8	11.8



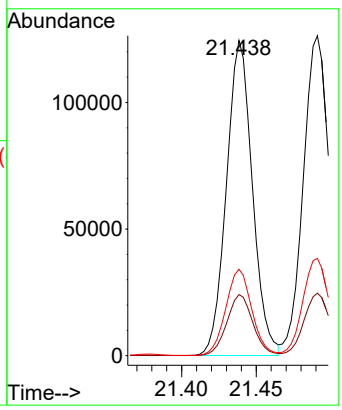


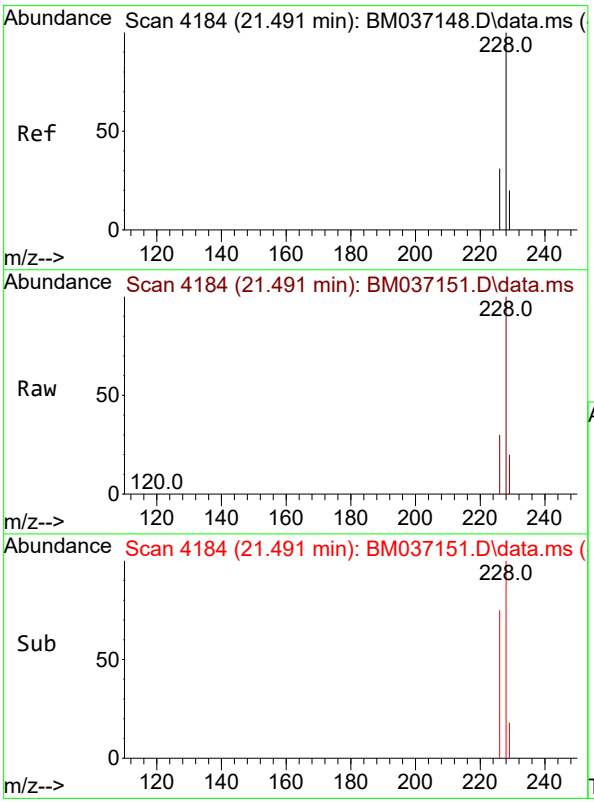
#21
Benzo(a)anthracene
Concen: 3.705 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:228 Resp: 150539

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.4	21.8	32.8

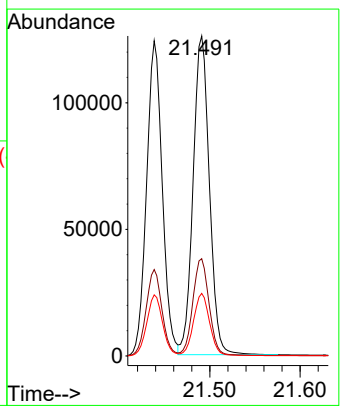


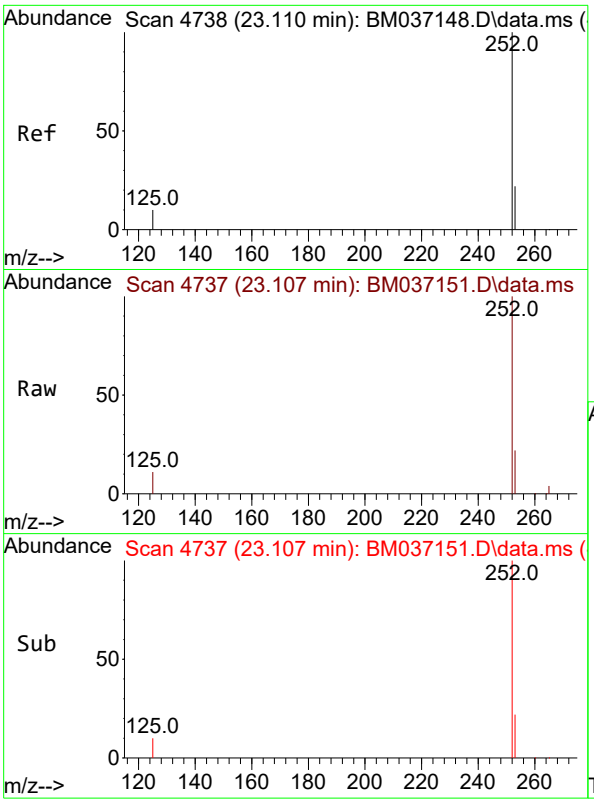


#22
Chrysene
Concen: 3.610 ng/ul
RT: 21.491 min Scan# 4184
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:228 Resp: 157485

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	19.5	16.0	24.0



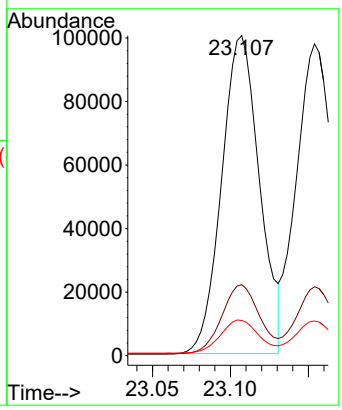


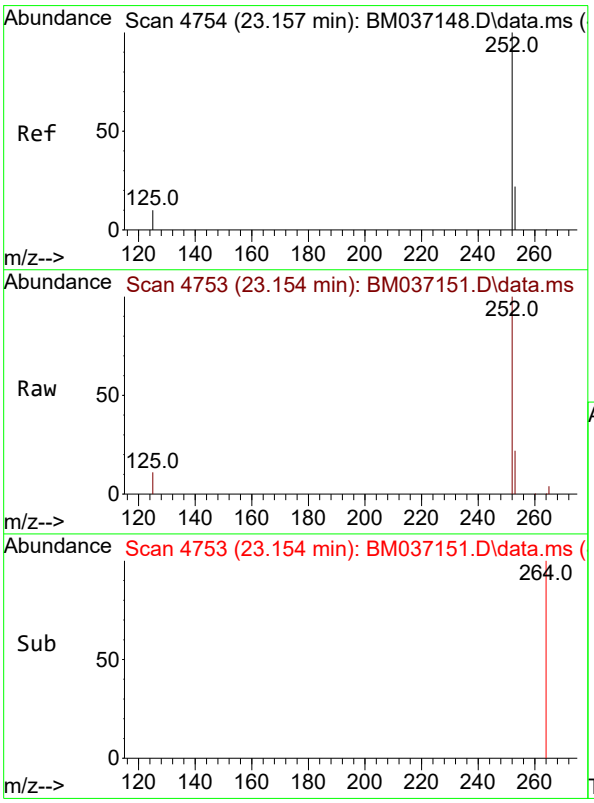
#24
Benzo(b)fluoranthene
Concen: 3.957 ng/ul
RT: 23.107 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 169032

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	50.6
125	11.0	0.0	32.6

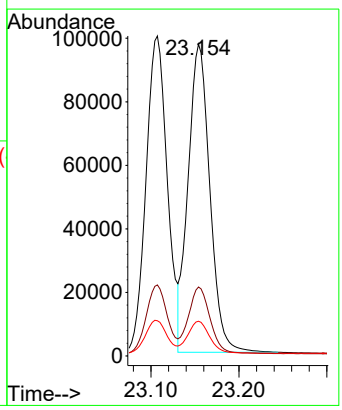


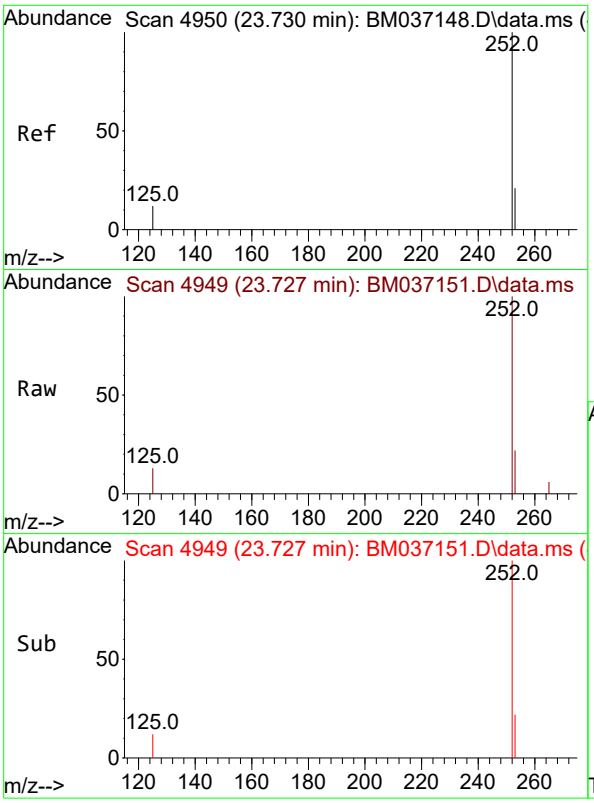


#25
Benzo(k)fluoranthene
Concen: 4.007 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:252 Resp: 166807

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.6	30.8
125	11.2	13.3	19.9#



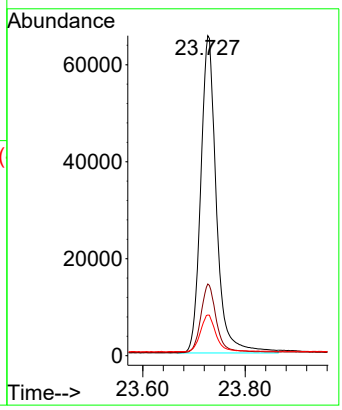


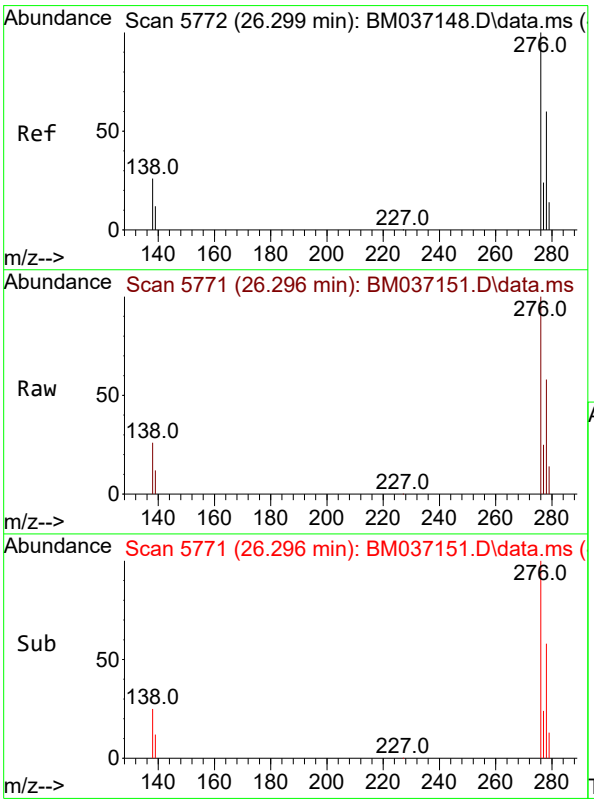
#26
Benzo(a)pyrene
Concen: 4.008 ng/ul
RT: 23.727 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 138907

Ion	Ratio	Lower	Upper
252	100		
253	22.4	22.1	33.1
125	12.7	17.6	26.4#

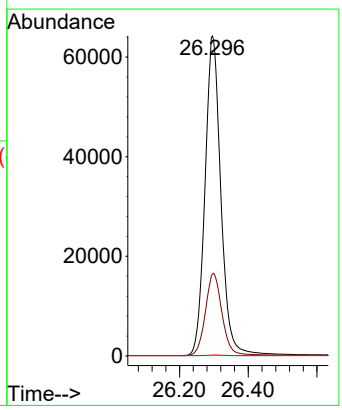


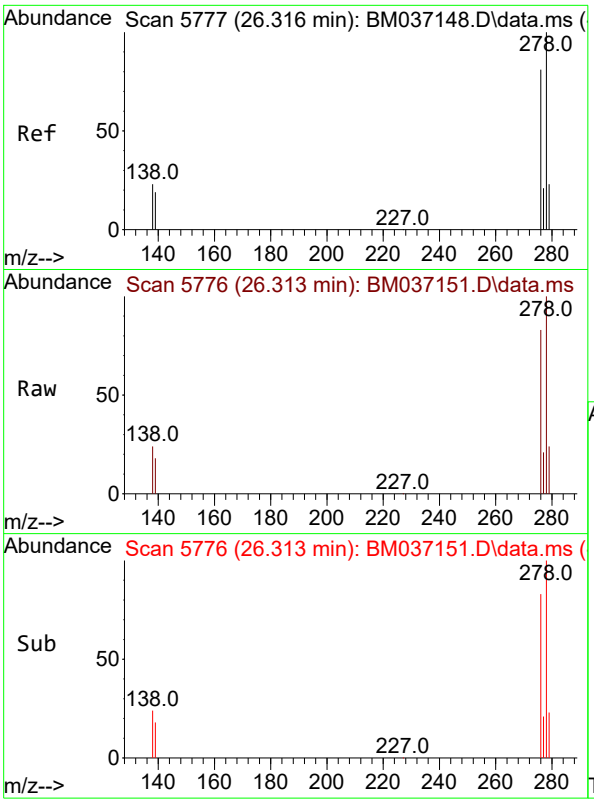


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.195 ng/ul
RT: 26.296 min Scan# 5771
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:276 Resp: 205965

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.4	32.0
227	0.2	0.1	0.1#



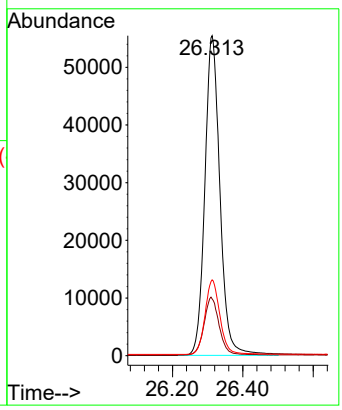


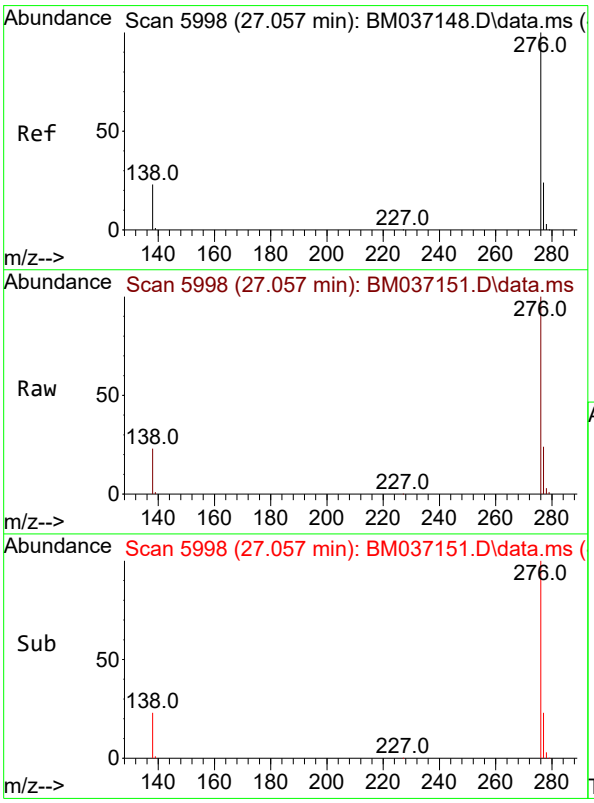
#28
Dibenzo(a,h)anthracene
Concen: 4.175 ng/ul
RT: 26.313 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:278 Resp: 165637

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.3	24.5
279	23.7	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 4.055 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. -0.000 min
Lab File: BM037151.D
Acq: 19 Oct 2022 14:09

Tgt Ion:276 Resp: 175440

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.8	29.8
277	23.6	20.1	30.1