Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042262.D
Acq On : 10 Oct 2023 22:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Quant Time: Oct 11 00:47:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	10135	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	4331	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	8254	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.591	240	3329	0.400	ng/ul	# 0.00
23) Perylene-d12	24.064	264	3282	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2369	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4960	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	5638	0.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	2407	0.426	ng/ul	88
5) Naphthalene	10.895	128	12995	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	7703	0.380	ng/ul	98
8) 1-Methylnaphthalene	12.715	142	7809	0.383	ng/ul	99
10) Acenaphthylene	14.393	152	10453	0.382	ng/ul	100
11) Acenaphthene	14.726	153	8570	0.414	ng/ul	99
12) Fluorene	15.712	166	9379	0.402	ng/ul	98
14) Pentachlorophenol	17.046	266	888	0.237	ng/ul	97
15) Phenanthrene	17.455	178	14155	0.416	ng/ul	100
16) Anthracene	17.548	178	12101	0.389	ng/ul	99
19) Fluoranthene	19.464	202	13886	0.549	ng/ul#	93
20) Pyrene	19.831	202	14096	0.524	ng/ul#	93
21) Benzo(a)anthracene	21.574	228	9598	0.447	ng/ul	100
22) Chrysene	21.629	228	9999	0.478	ng/ul	99
24) Benzo(b)fluoranthene	23.295	252	10278	0.531	ng/ul	96
25) Benzo(k)fluoranthene	23.348	252	9824	0.516	ng/ul	97
26) Benzo(a)pyrene	23.950	252	8240	0.494	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.659	276	11610	0.491	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.683	278	8402	0.471	ng/ul#	93
29) Benzo(g,h,i)perylene	27.471	276	10142	0.513	ng/ul	94

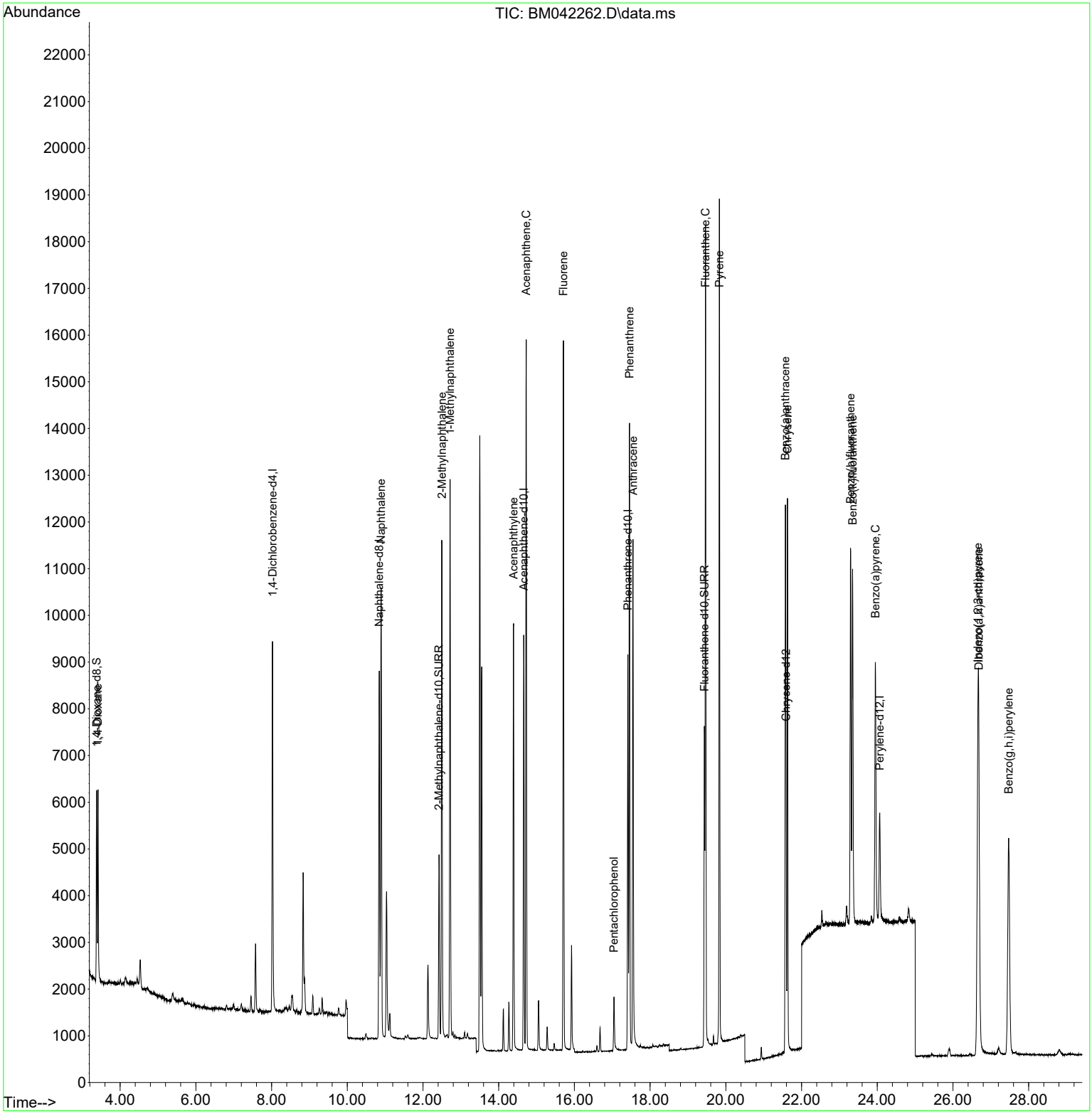
(#) = qualifier out of range (m) = manual integration (+) = signals summed

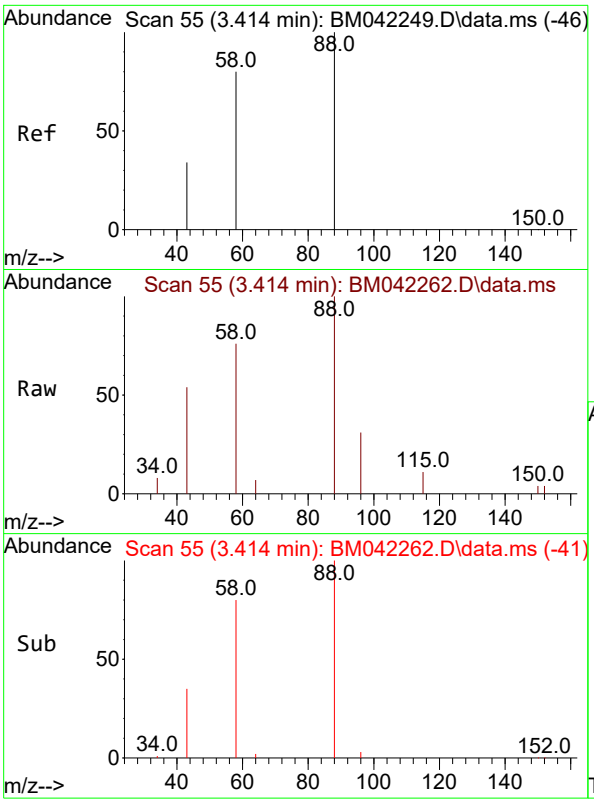
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042262.D
Acq On : 10 Oct 2023 22:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Quant Time: Oct 11 00:47:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration



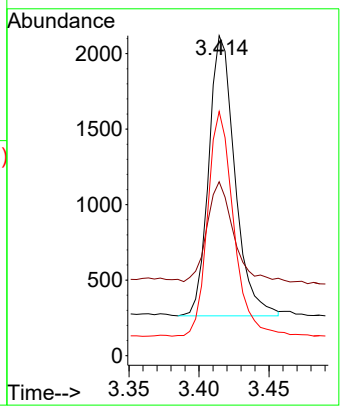


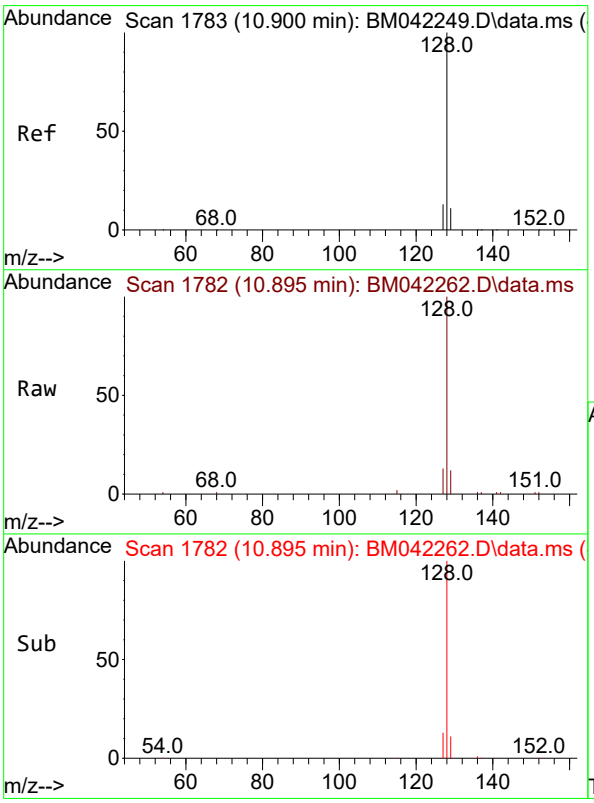
#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion: 88 Resp: 2407

Ion	Ratio	Lower	Upper
88	100		
43	54.4	52.1	78.1
58	76.3	53.8	80.6

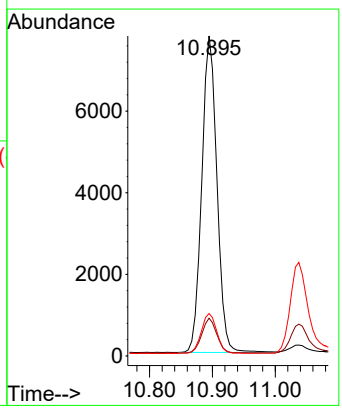


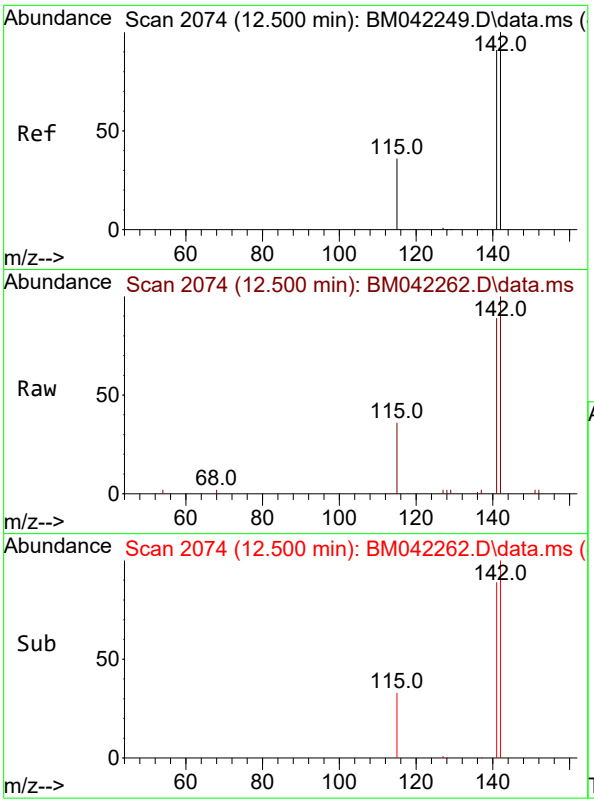


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:128 Resp: 12995

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.3	11.0	16.4



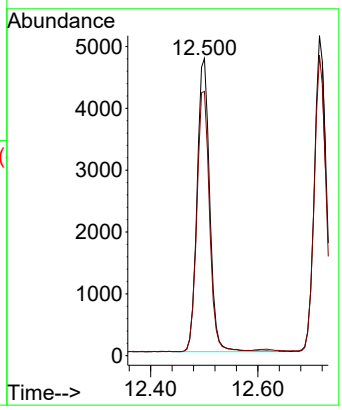


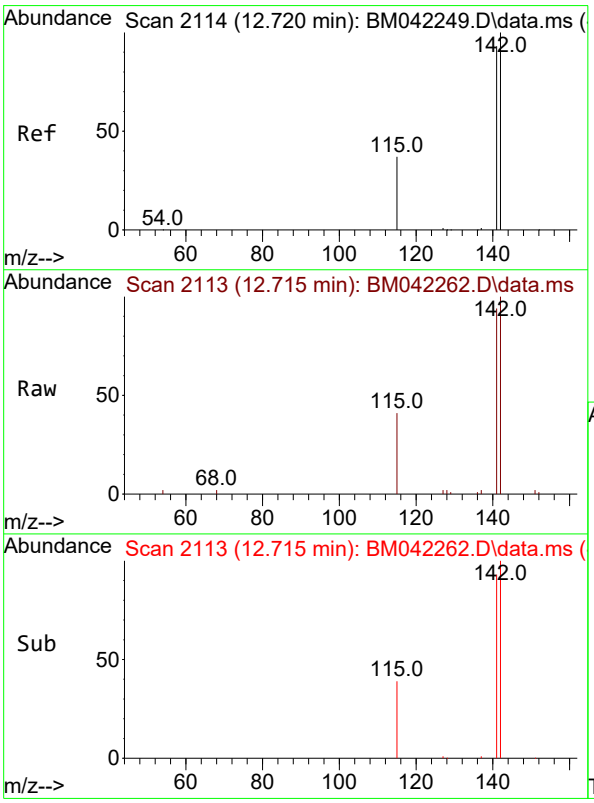
#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:142 Resp: 7703

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4

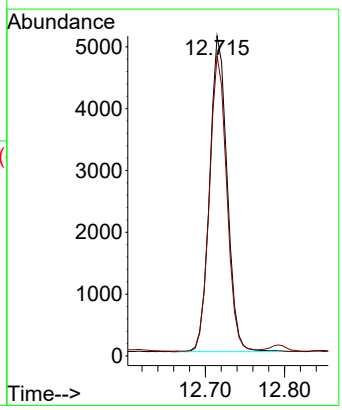


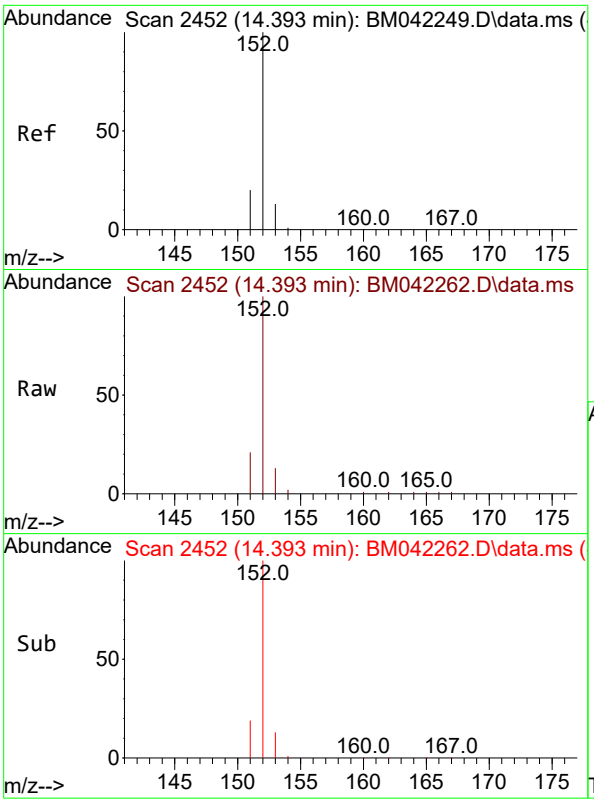


#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:142 Resp: 7809

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.5	110.3



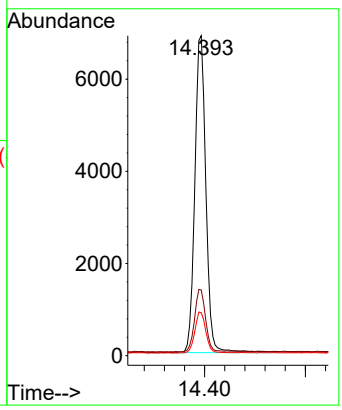


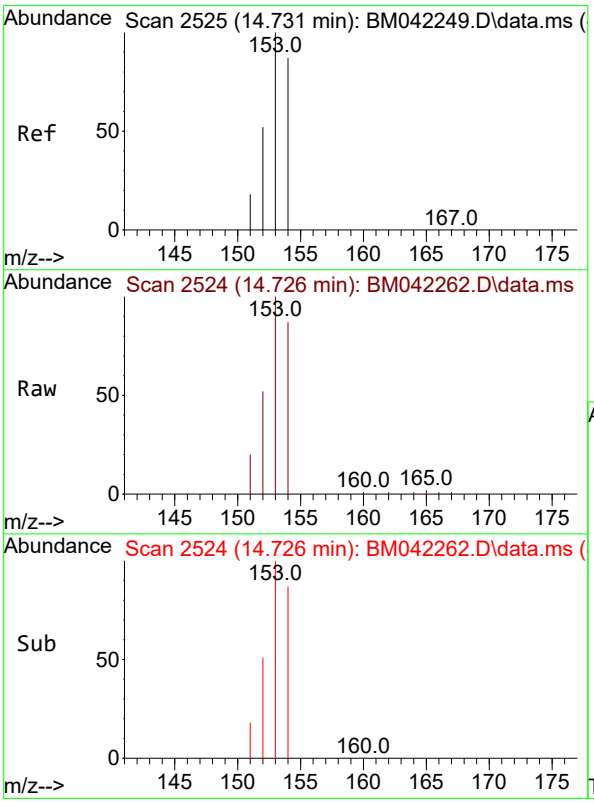
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.393 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:152 Resp: 10453

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.5	10.9	16.3

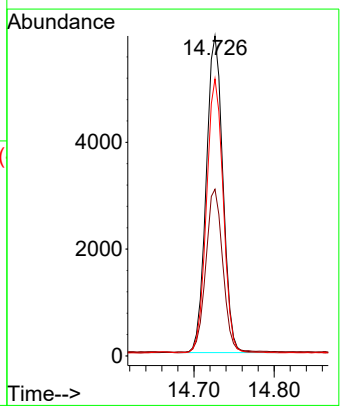


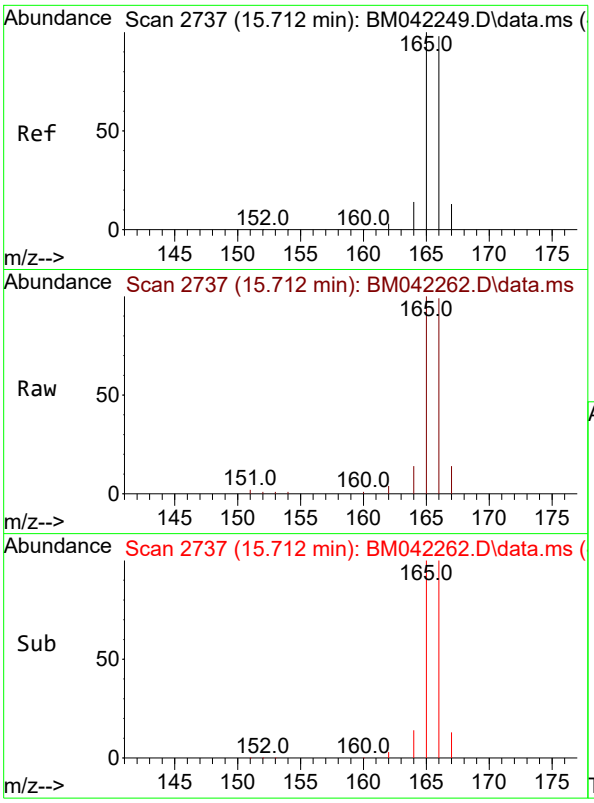


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:153 Resp: 8570

Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.1	61.7
154	86.6	69.5	104.3



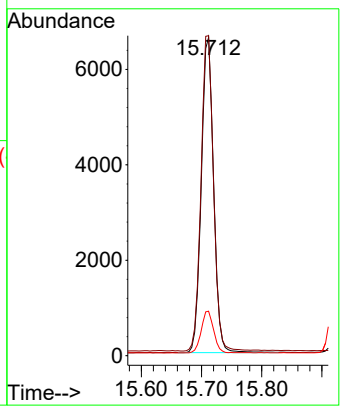


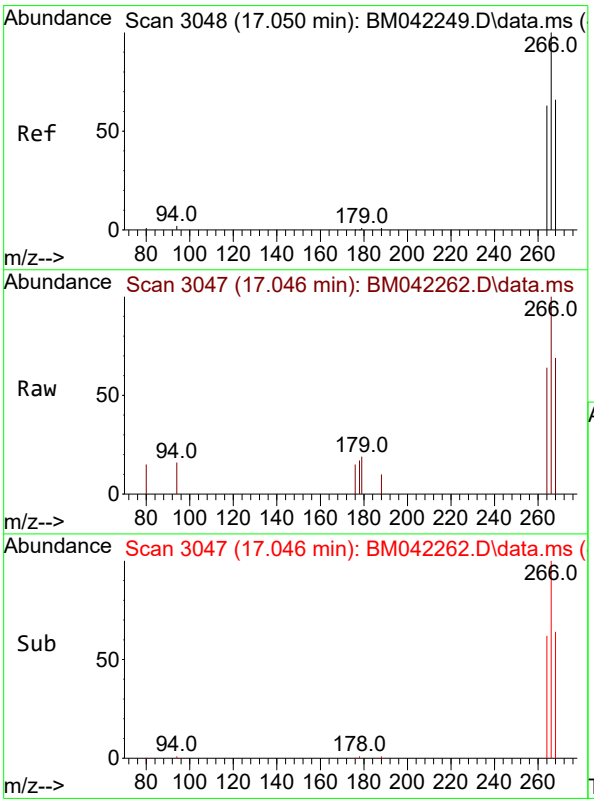
#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:166 Resp: 9379

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.4	117.6
167	14.0	11.5	17.3

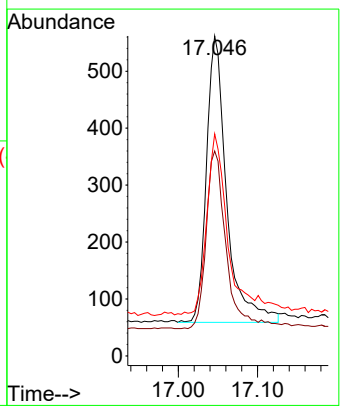


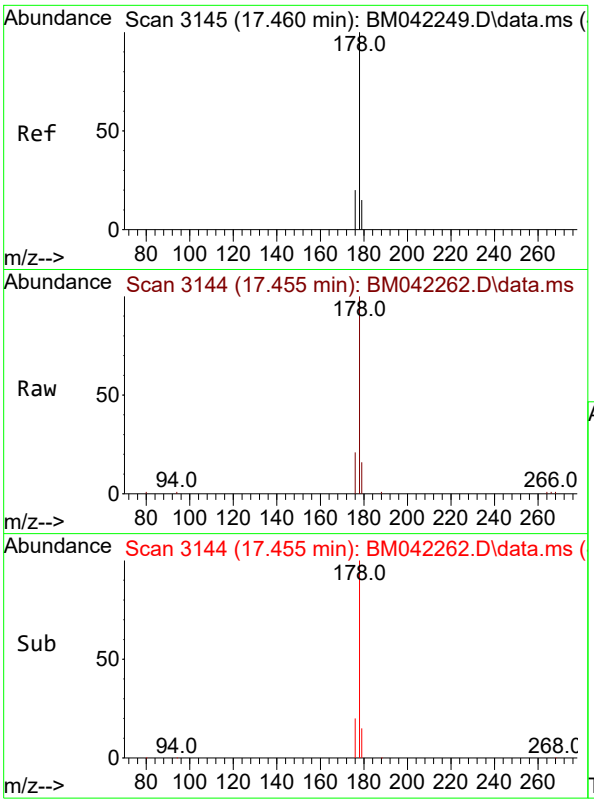


#14
Pentachlorophenol
Concen: 0.237 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:266 Resp: 888

Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.1	76.7
268	68.4	52.1	78.1



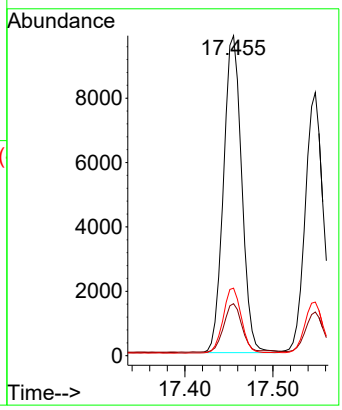


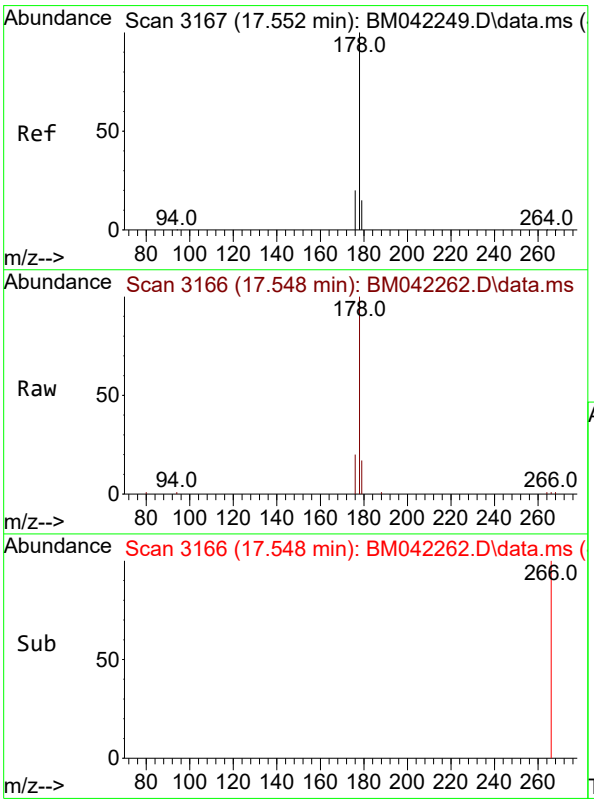
#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.455 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:178 Resp: 14155

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	21.1	16.8	25.2

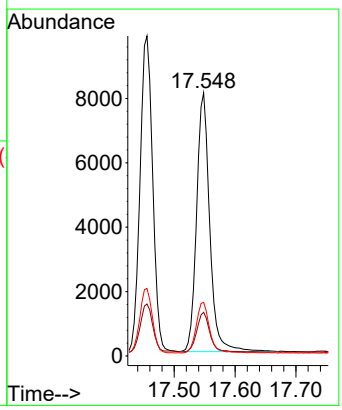


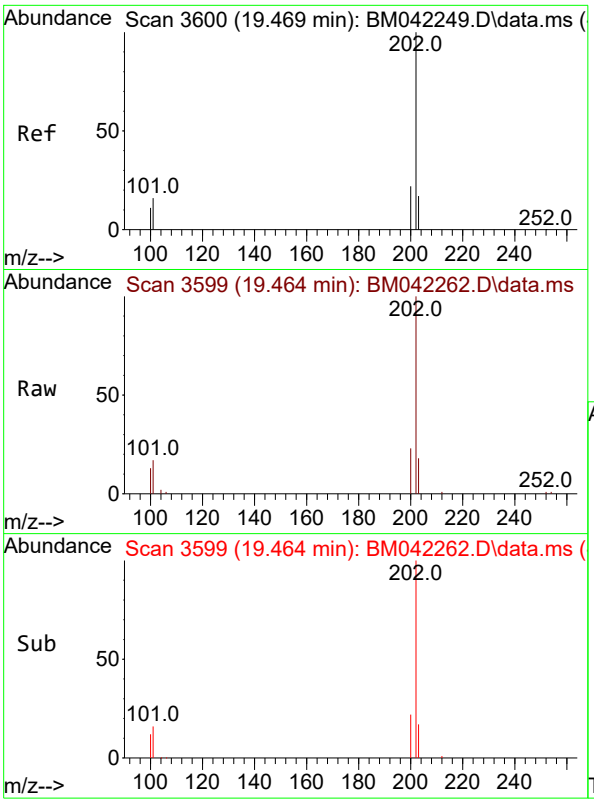


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:178 Resp: 12101

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	20.4	16.3	24.5



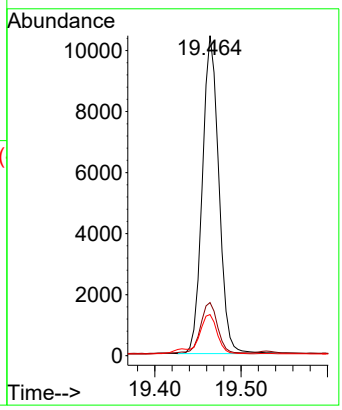


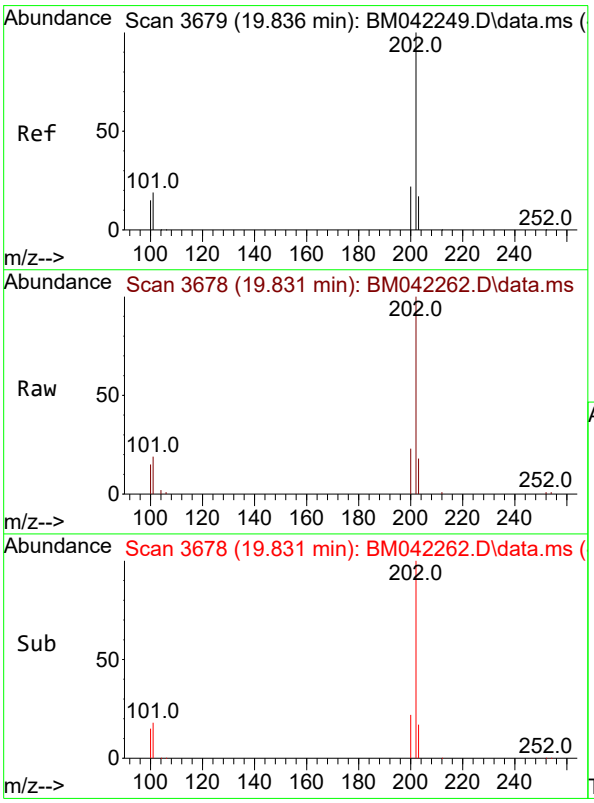
#19
Fluoranthene
Concen: 0.549 ng/ul
RT: 19.464 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:202 Resp: 13886

Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.1	16.7
100	12.8	8.2	12.2#

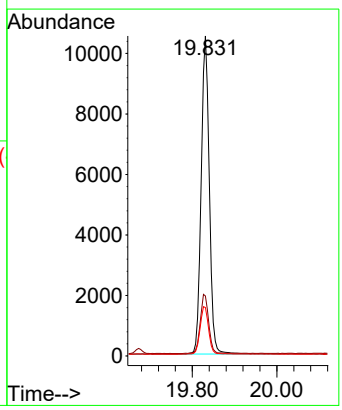


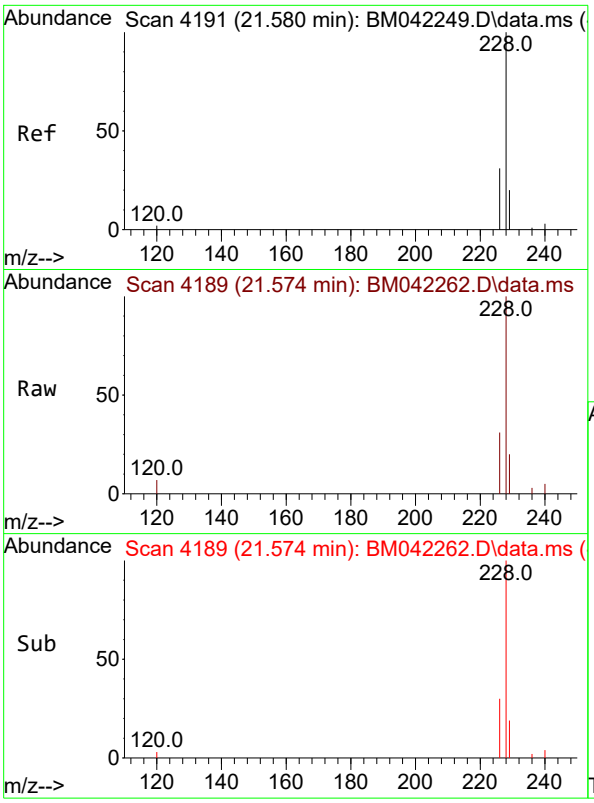


#20
Pyrene
Concen: 0.524 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:202 Resp: 14096

Ion	Ratio	Lower	Upper
202	100		
101	18.8	12.7	19.1
100	15.2	9.9	14.9#



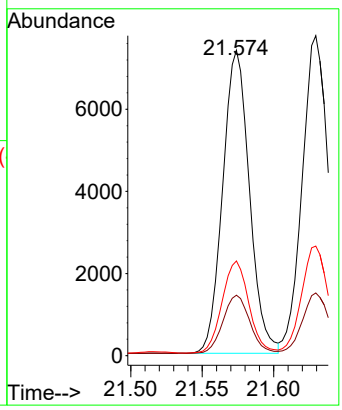


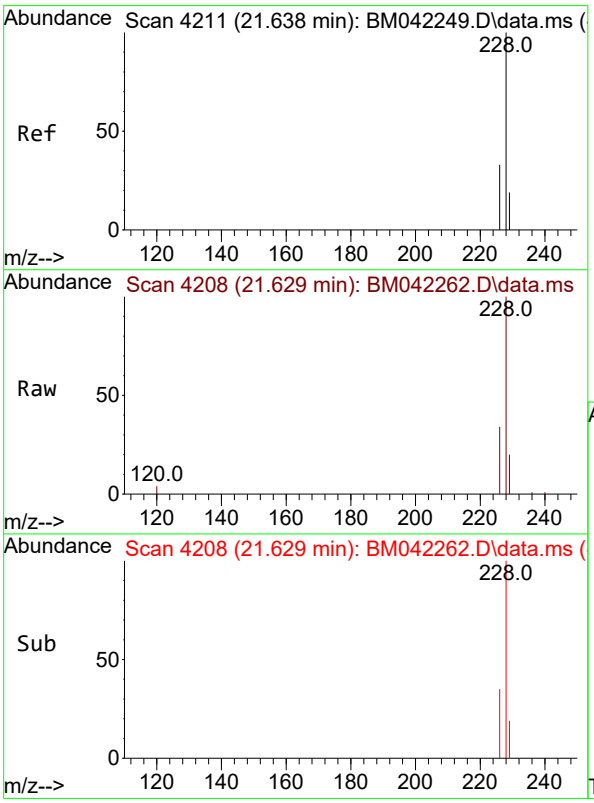
#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.574 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:228 Resp: 9598

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	31.0	24.6	37.0

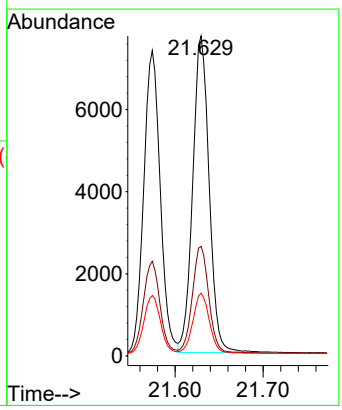


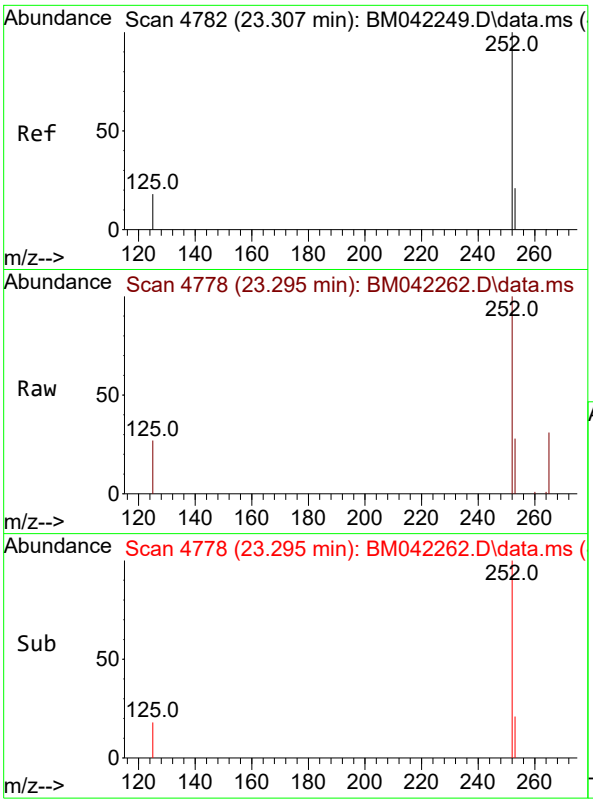


#22
Chrysene
Concen: 0.478 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.009 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:228 Resp: 9999

Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.7	40.1
229	19.6	15.8	23.8



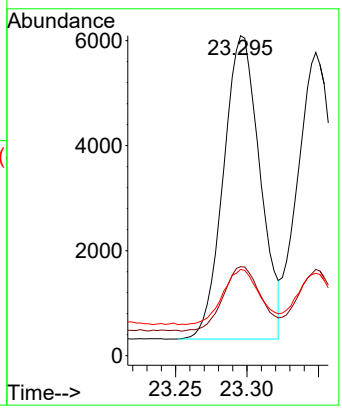


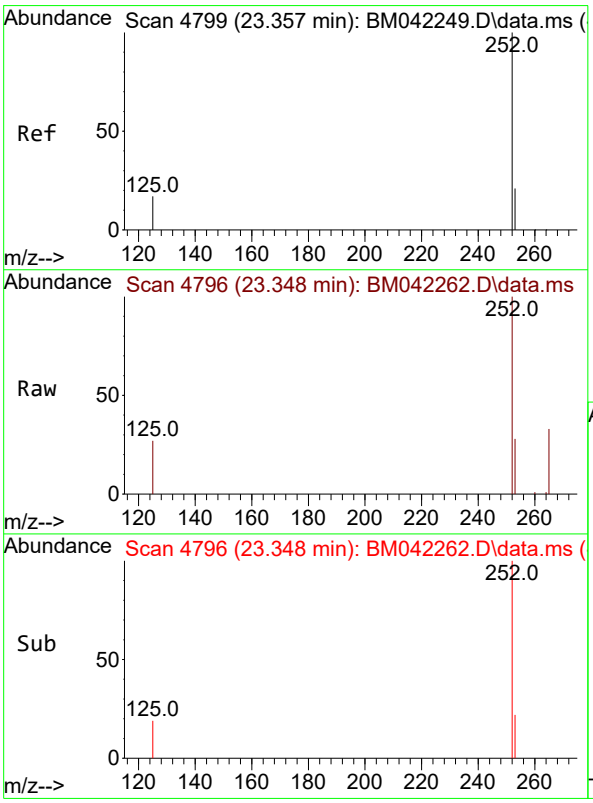
#24
Benzo(b)fluoranthene
Concen: 0.531 ng/ul
RT: 23.295 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:252 Resp: 10278

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	59.0
125	27.0	0.0	49.6

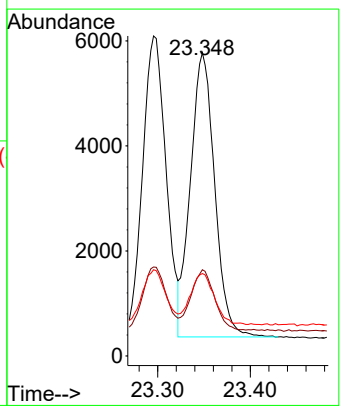


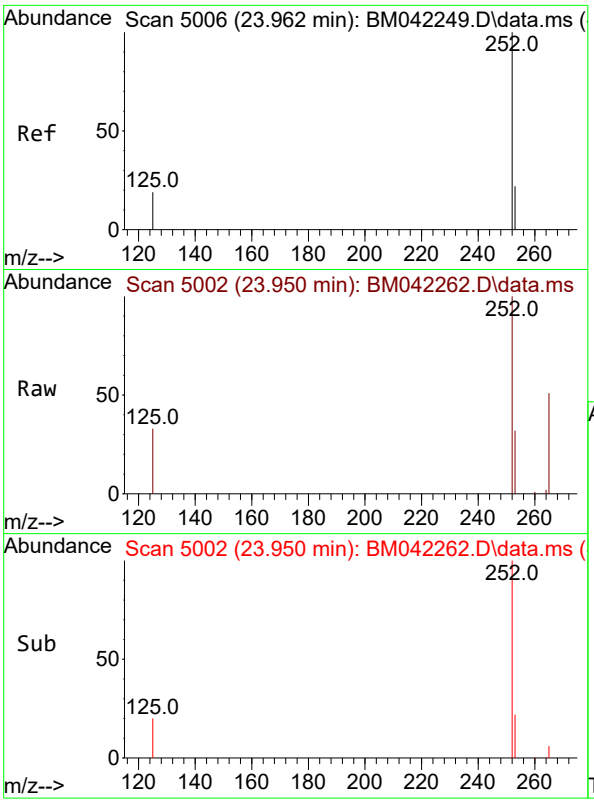


#25
Benzo(k)fluoranthene
Concen: 0.516 ng/ul
RT: 23.348 min Scan# 4796
Delta R.T. -0.009 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:252 Resp: 9824

Ion	Ratio	Lower	Upper
252	100		
253	28.5	23.4	35.0
125	27.2	19.9	29.9



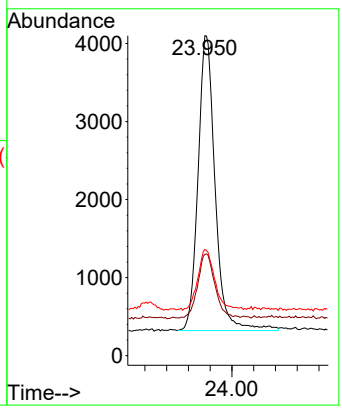


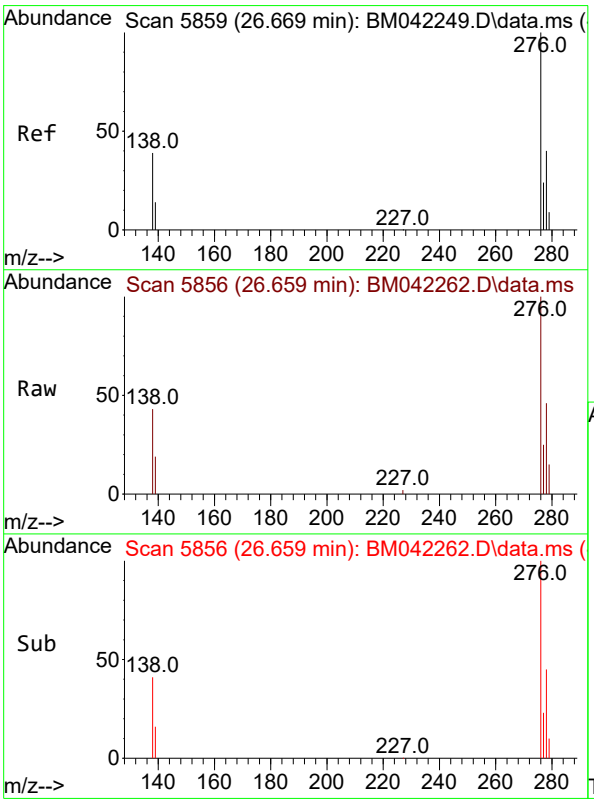
#26
Benzo(a)pyrene
Concen: 0.494 ng/ul
RT: 23.950 min Scan# 5
Delta R.T. -0.012 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:252 Resp: 8240

Ion	Ratio	Lower	Upper
252	100		
253	31.6	25.3	37.9
125	33.2	23.2	34.8

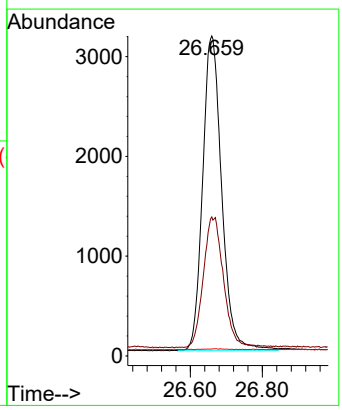


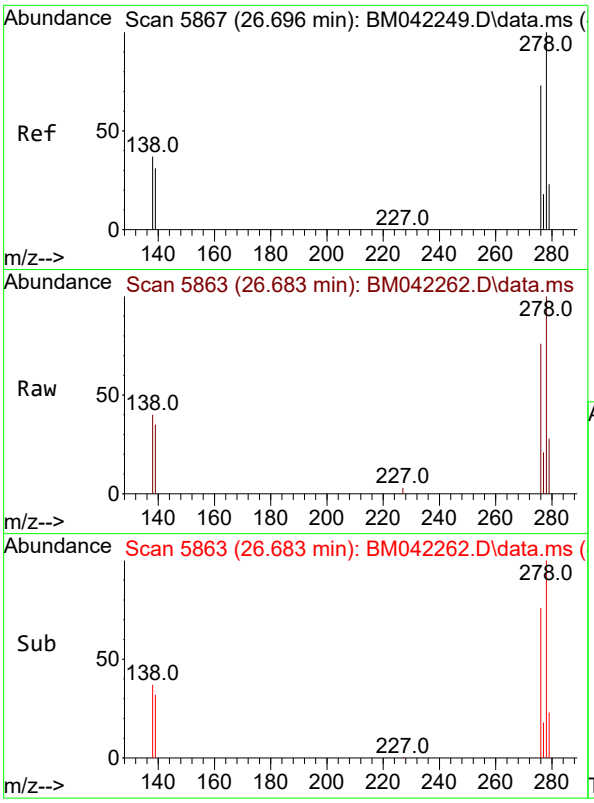


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng/ul
RT: 26.659 min Scan# 5856
Delta R.T. -0.010 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:276 Resp: 11610

Ion	Ratio	Lower	Upper
276	100		
138	44.0	26.7	40.1#
227	0.1	0.2	0.2#



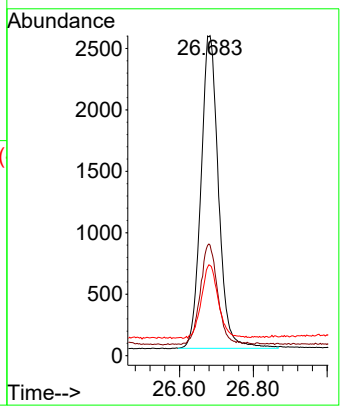


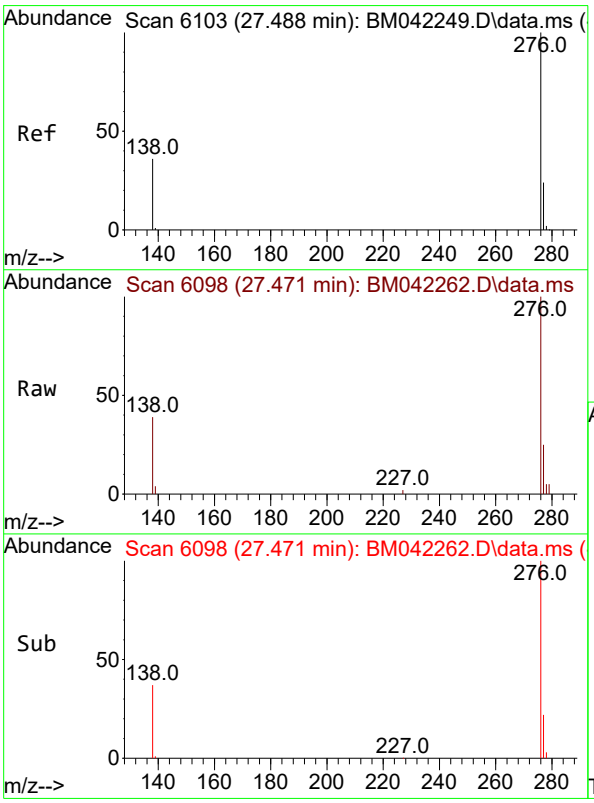
#28
Dibenzo(a,h)anthracene
Concen: 0.471 ng/ul
RT: 26.683 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Tgt Ion:278 Resp: 8402

Ion	Ratio	Lower	Upper
278	100		
139	34.6	21.7	32.5#
279	28.2	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 27.471 min Scan# 6098
Delta R.T. -0.017 min
Lab File: BM042262.D
Acq: 10 Oct 2023 22:36

Tgt Ion:276 Resp: 10142

Ion	Ratio	Lower	Upper
276	100		
138	39.3	26.8	40.2
277	24.6	20.1	30.1