Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041563.D
Acq On : 29 Aug 2023 19:32
Operator : MA/JU
Sample : SSTD0.118
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Quant Time: Aug 30 01:42:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	13350	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9822	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3225	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	3712	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	919	0.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	1646	0.093	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	1667	0.126	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	906	0.121	ng/ul#	71
5) Naphthalene	10.999	128	4396	0.103	ng/ul	95
7) 2-Methylnaphthalene	12.594	142	2497	0.096	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	2525	0.096	ng/ul	99
10) Acenaphthylene	14.481	152	3714	0.107	ng/ul	97
11) Acenaphthene	14.819	153	2581	0.106	ng/ul	98
12) Fluorene	15.799	166	2751	0.105	ng/ul	98
14) Pentachlorophenol	17.130	266	368	0.091	ng/ul	99
15) Phenanthrene	17.548	178	4584	0.114	ng/ul	97
16) Anthracene	17.641	178	3688	0.100	ng/ul	94
19) Fluoranthene	19.557	202	4280	0.143	ng/ul	97
20) Pyrene	19.924	202	4498	0.149	ng/ul	97
21) Benzo(a)anthracene	21.673	228	2878	0.125	ng/ul	97
22) Chrysene	21.729	228	3081	0.135	ng/ul	97
24) Benzo(b)fluoranthene	23.459	252	3395	0.144	ng/ul	68
25) Benzo(k)fluoranthene	23.512	252	3146	0.136	ng/ul#	66
26) Benzo(a)pyrene	24.137	252	3024	0.142	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.961	276	3883	0.135	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.995	278	2591	0.126	ng/ul#	78
29) Benzo(g,h,i)perylene	27.810	276	3331	0.139	ng/ul#	87

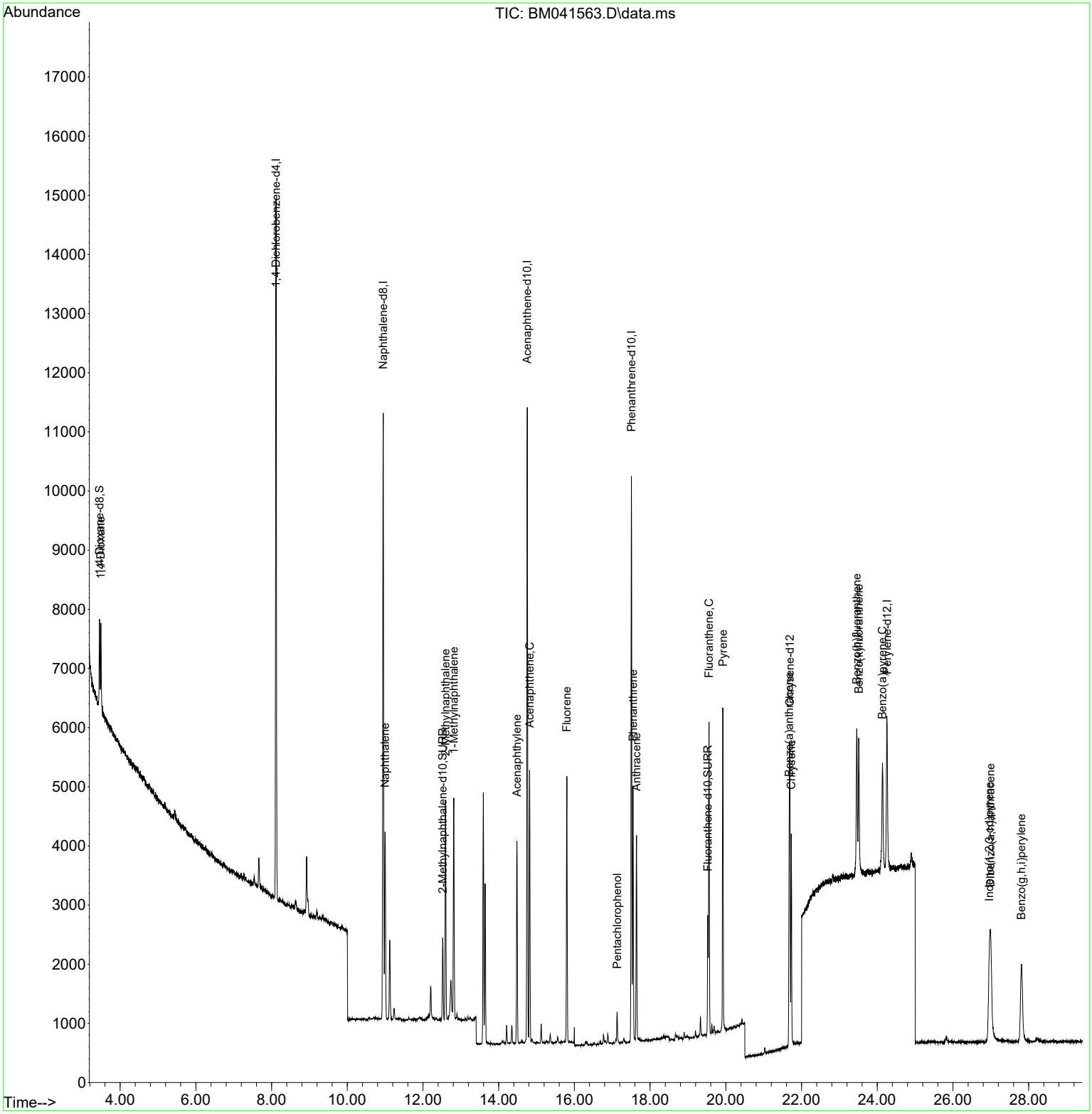
(#) = qualifier out of range (m) = manual integration (+) = signals summed

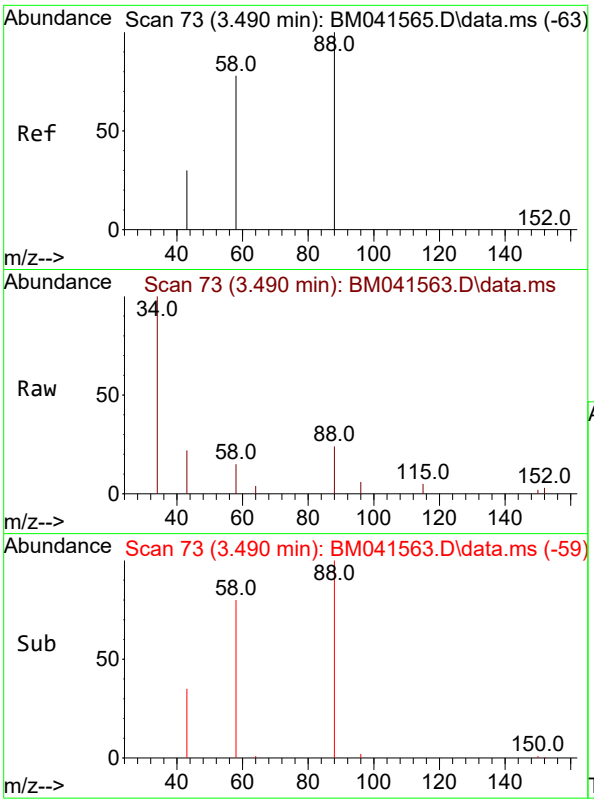
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041563.D
Acq On : 29 Aug 2023 19:32
Operator : MA/JU
Sample : SSTD0.118
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Quant Time: Aug 30 01:42:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration



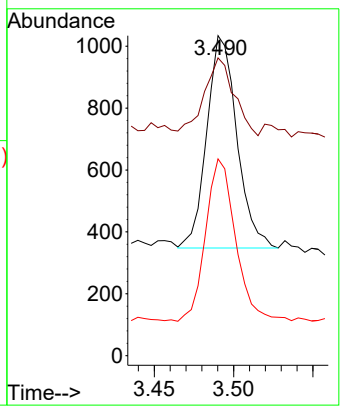


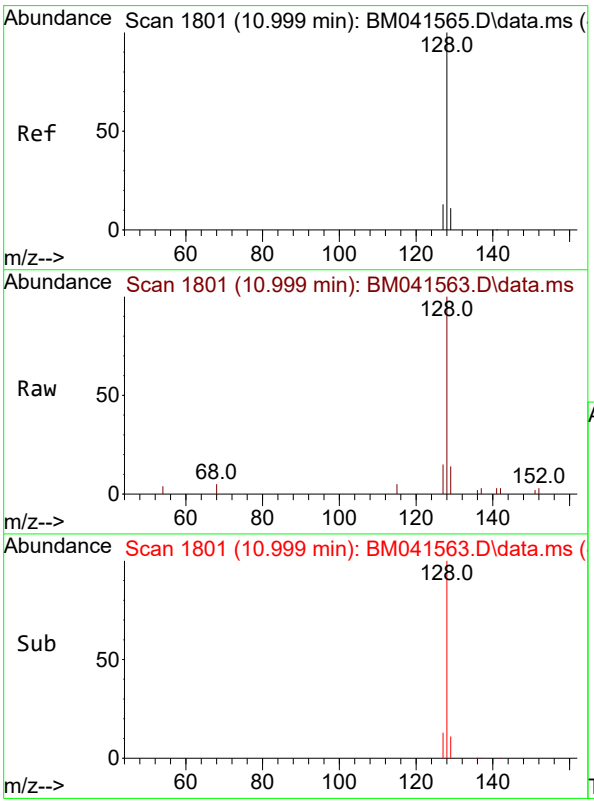
#2
1,4-Dioxane
Concen: 0.121 ng/ul
RT: 3.490 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion: 88 Resp: 906

Ion	Ratio	Lower	Upper
88	100		
43	93.0	46.2	69.2#
58	61.5	58.1	87.1

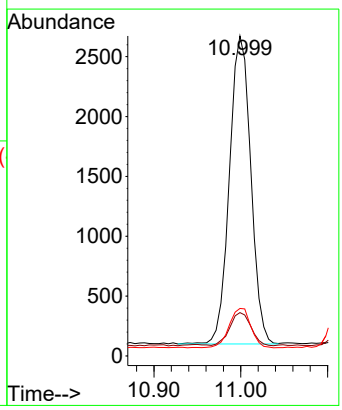


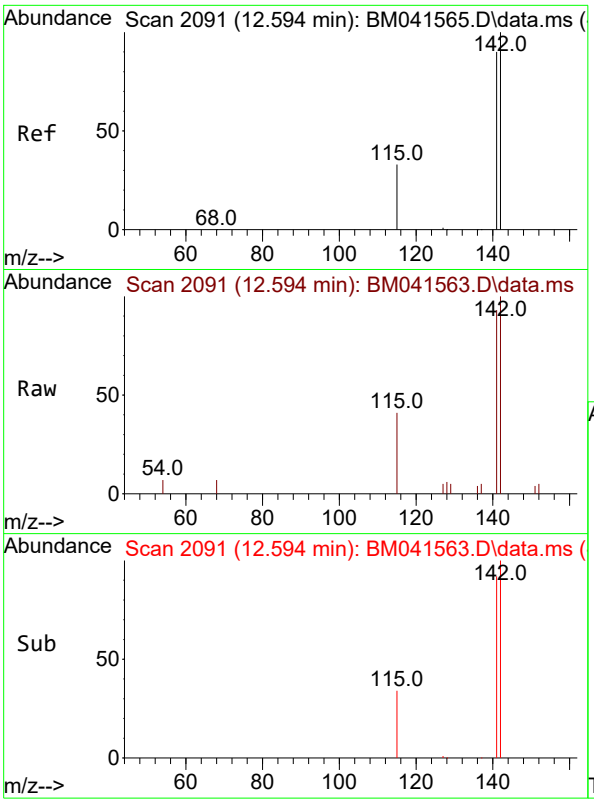


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:128 Resp: 4396

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	14.9	10.6	15.8



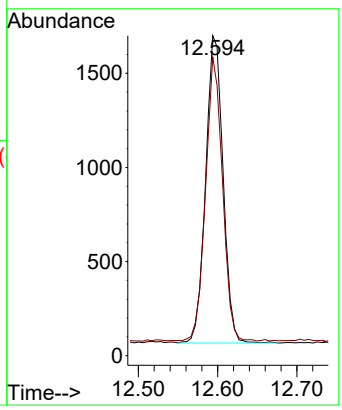


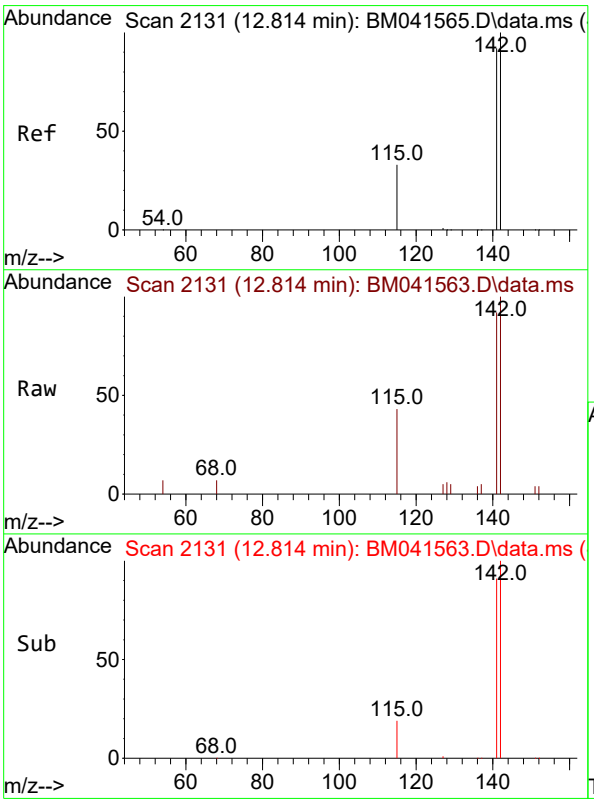
#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.594 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:142 Resp: 2497

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8

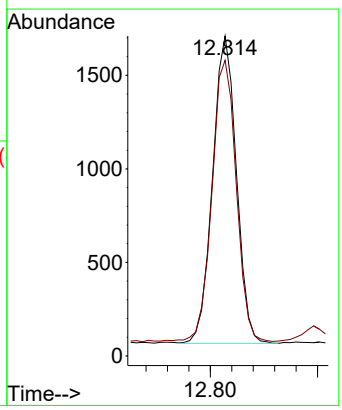


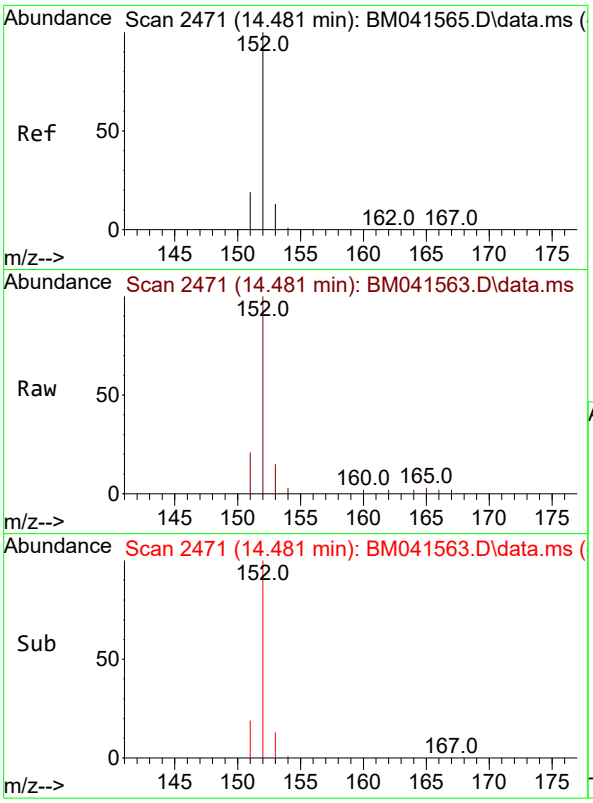


#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:142 Resp: 2525

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.2



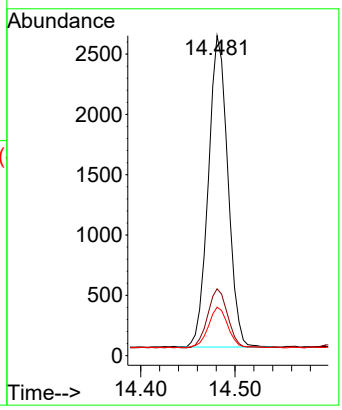


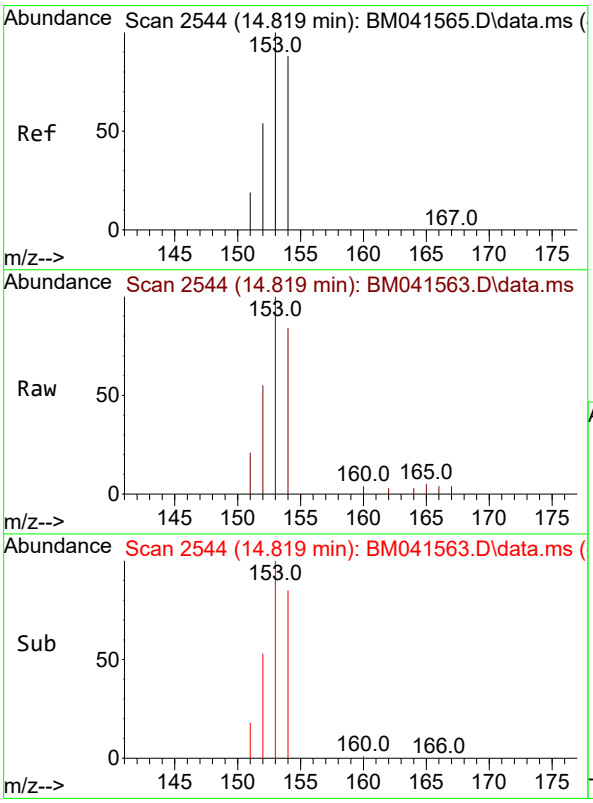
#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.481 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:152 Resp: 3714

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	15.2	10.6	15.8

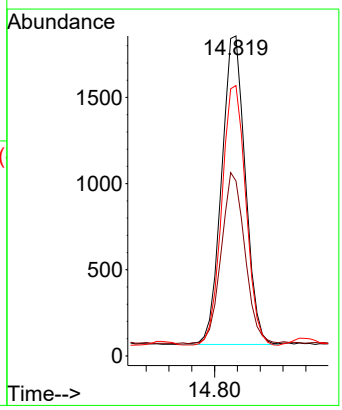


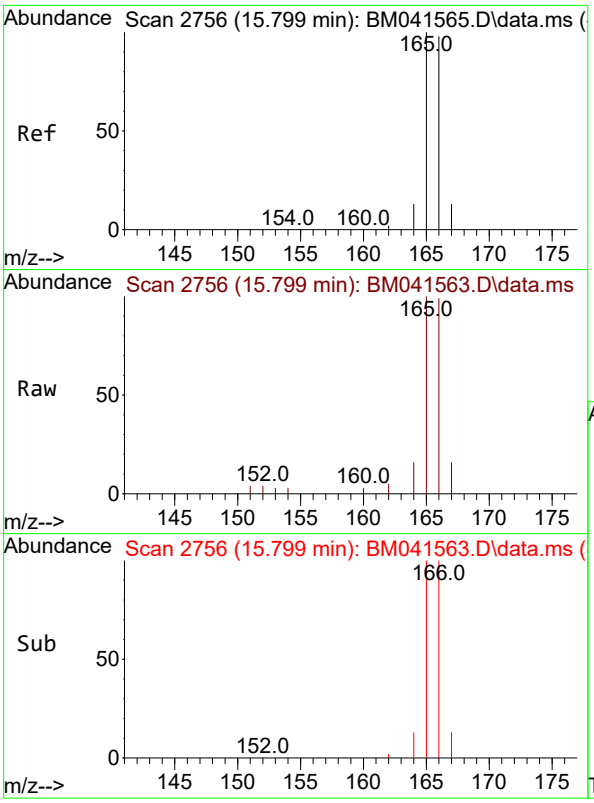


#11
Acenaphthene
Concen: 0.106 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:153 Resp: 2581

Ion	Ratio	Lower	Upper
153	100		
152	54.7	43.4	65.2
154	84.5	70.2	105.2



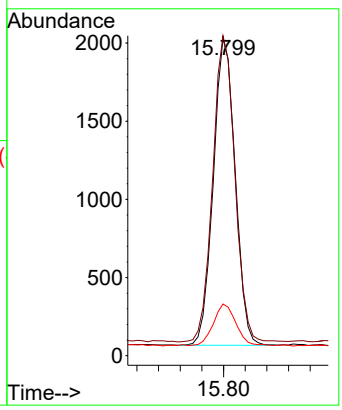


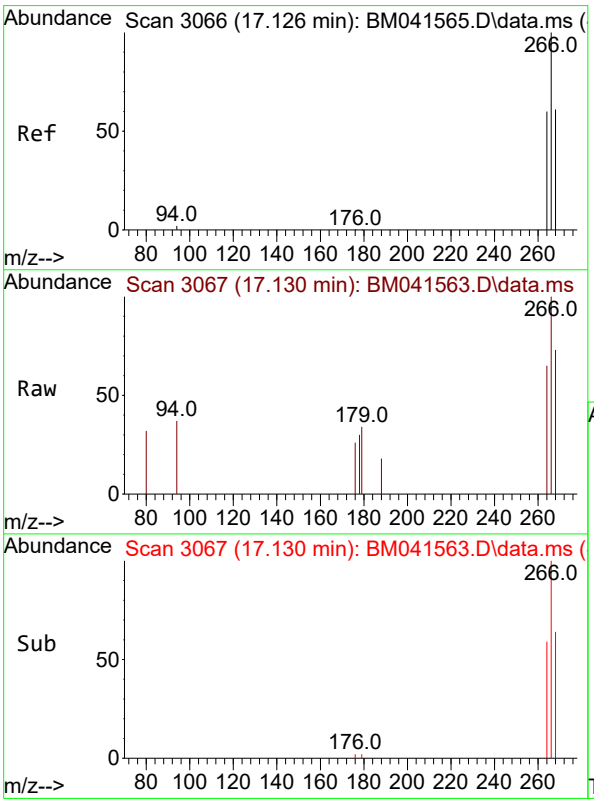
#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.799 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:166 Resp: 2751

Ion	Ratio	Lower	Upper
166	100		
165	100.8	82.2	123.2
167	16.3	11.5	17.3

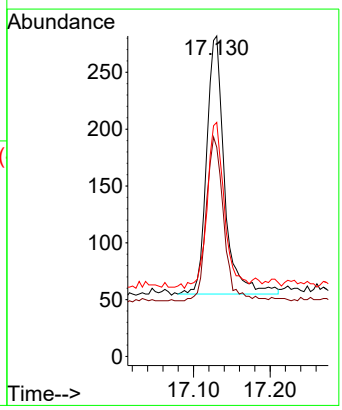


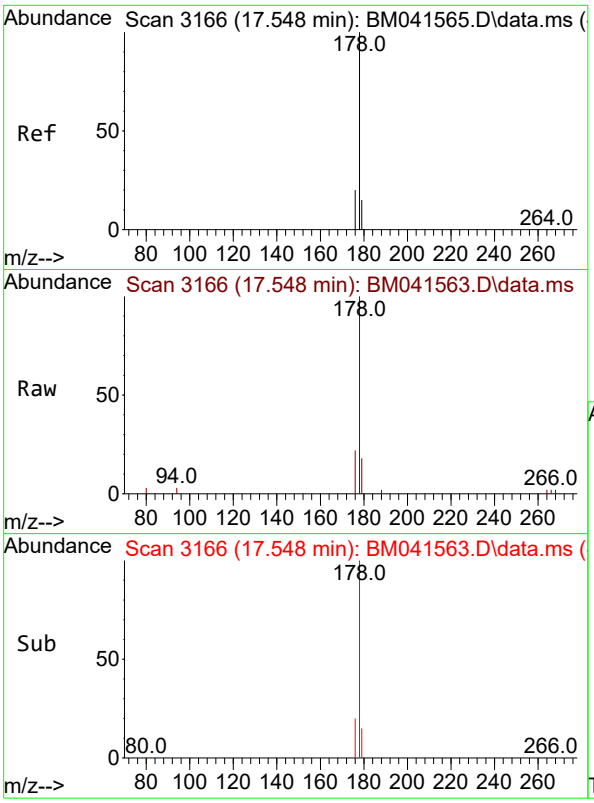


#14
Pentachlorophenol
Concen: 0.091 ng/ul
RT: 17.130 min Scan# 3067
Delta R.T. 0.004 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.3	73.9
268	61.7	50.2	75.4



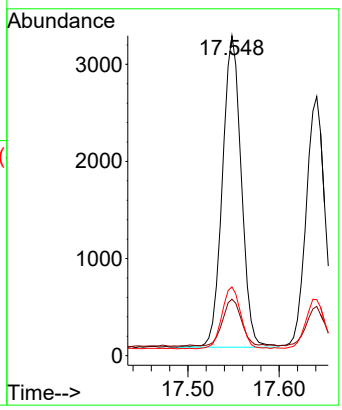


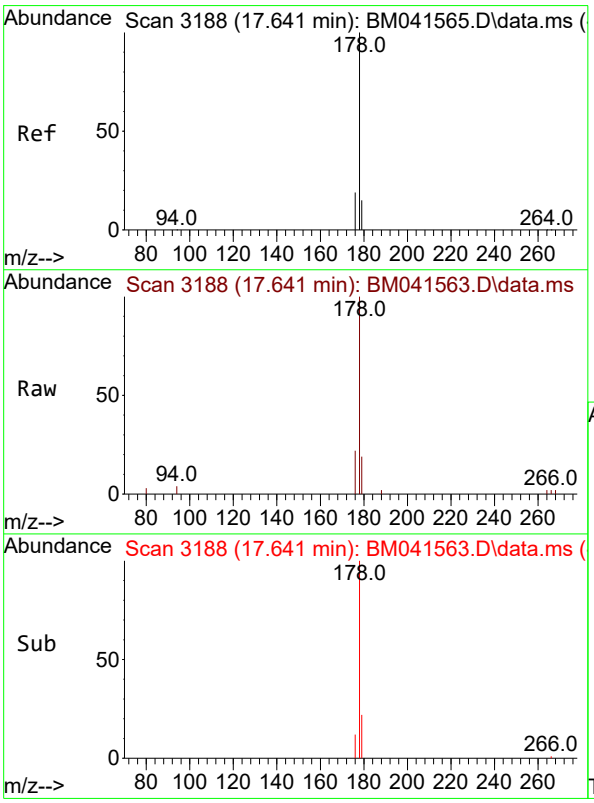
#15
Phenanthrene
Concen: 0.114 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:178 Resp: 4584

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	19.0
176	21.5	16.2	24.4

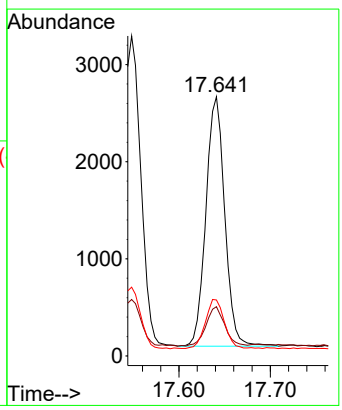


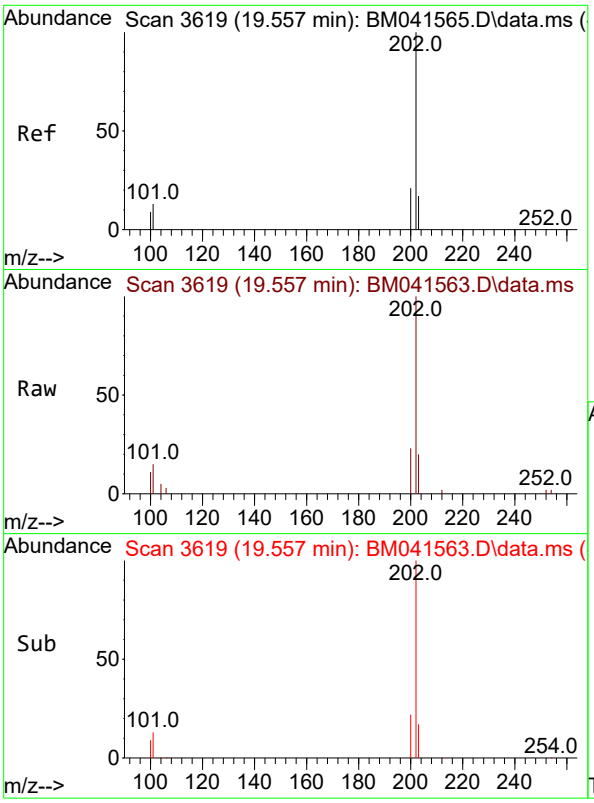


#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:178 Resp: 3688

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.9	19.3
176	21.6	15.6	23.4



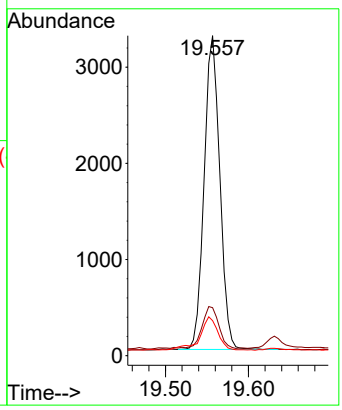


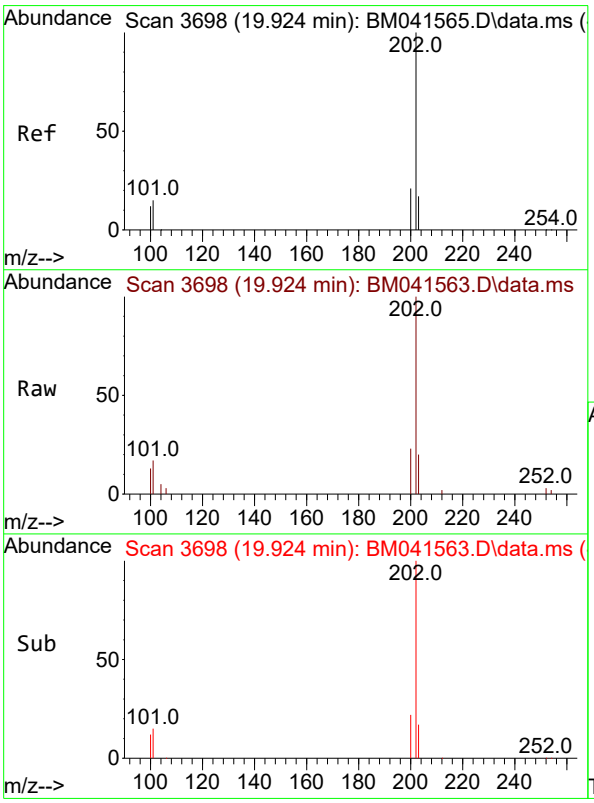
#19
Fluoranthene
Concen: 0.143 ng/ul
RT: 19.557 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:202 Resp: 4280

Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.7	16.1
100	10.9	8.1	12.1

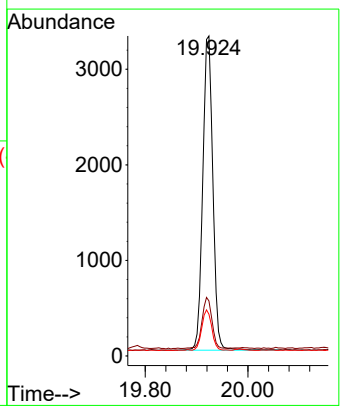


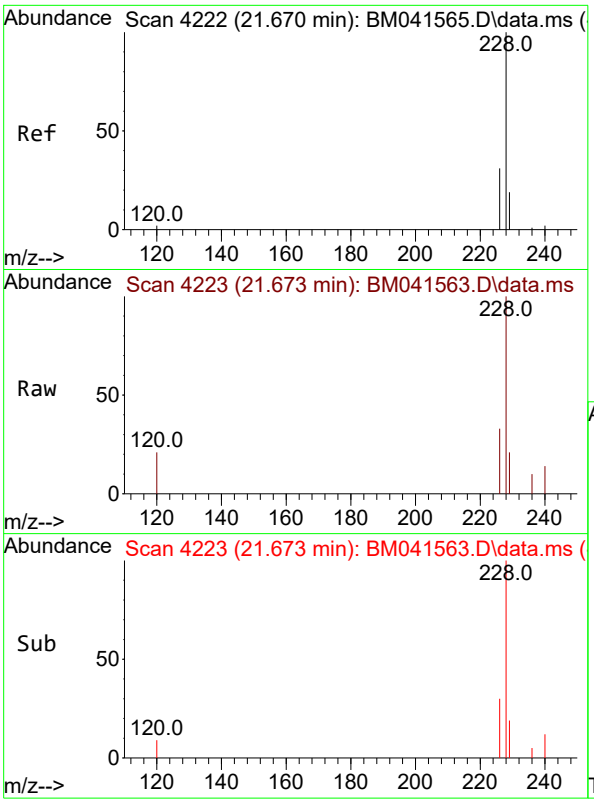


#20
Pyrene
Concen: 0.149 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:202 Resp: 4498

Ion	Ratio	Lower	Upper
202	100		
101	17.2	12.2	18.4
100	13.1	9.8	14.8



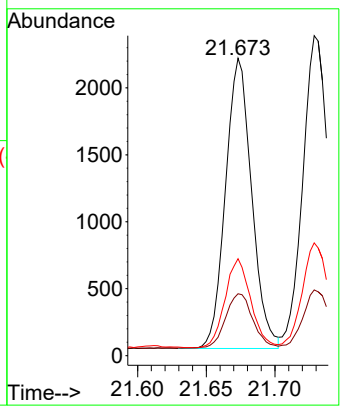


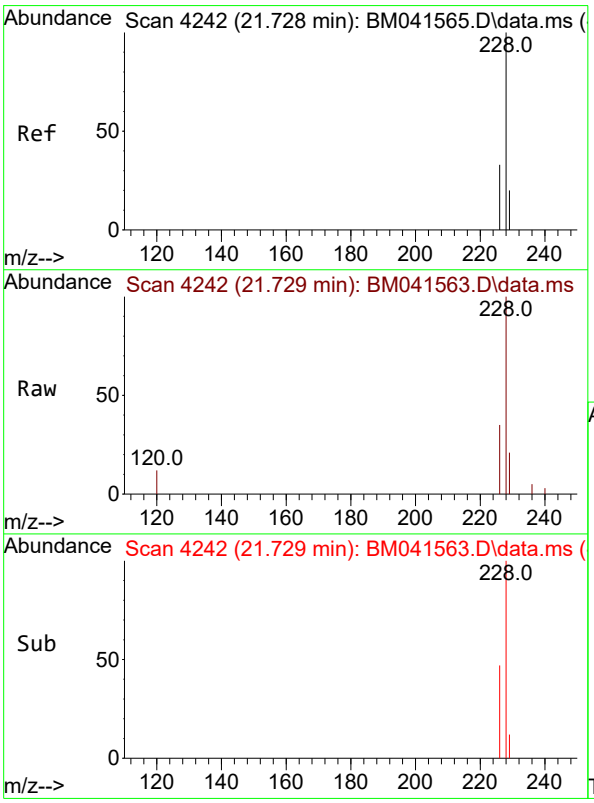
#21
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.673 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:228 Resp: 2878

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	32.6	25.0	37.4

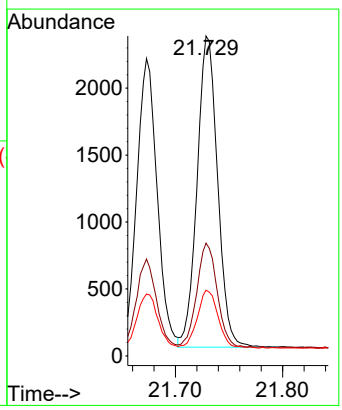


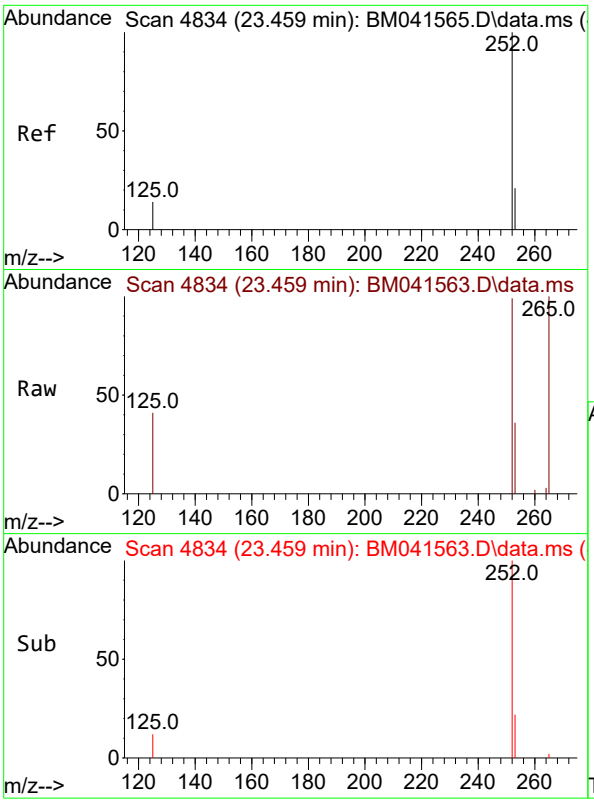


#22
Chrysene
Concen: 0.135 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:228 Resp: 3081

Ion	Ratio	Lower	Upper
228	100		
226	35.2	26.7	40.1
229	20.5	15.9	23.9



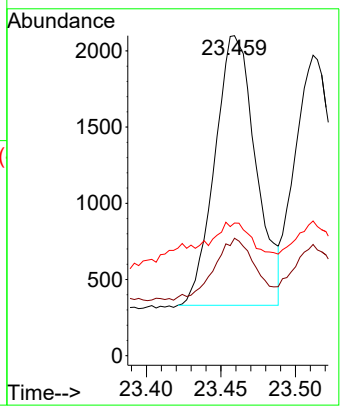


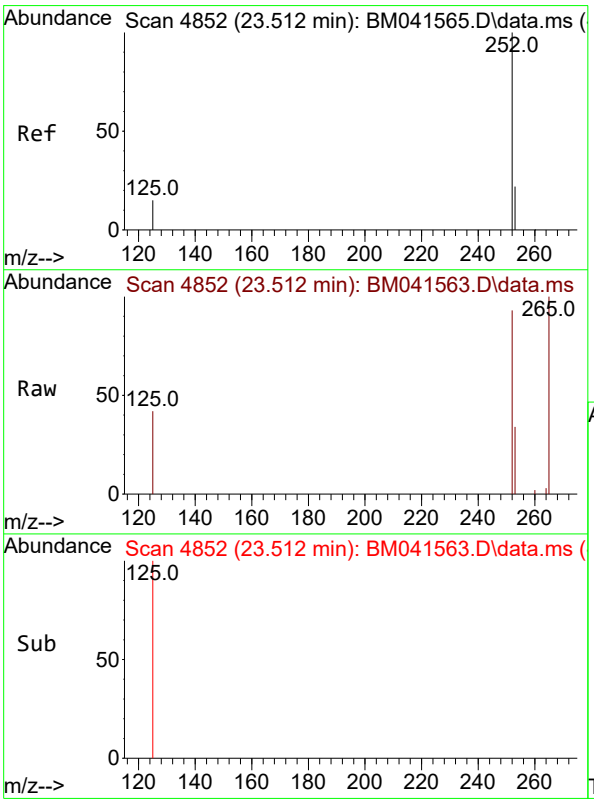
#24
Benzo(b)fluoranthene
Concen: 0.144 ng/ul
RT: 23.459 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:252 Resp: 3395

Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	50.0
125	41.5	0.0	44.0

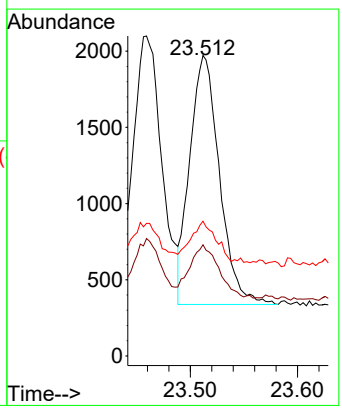


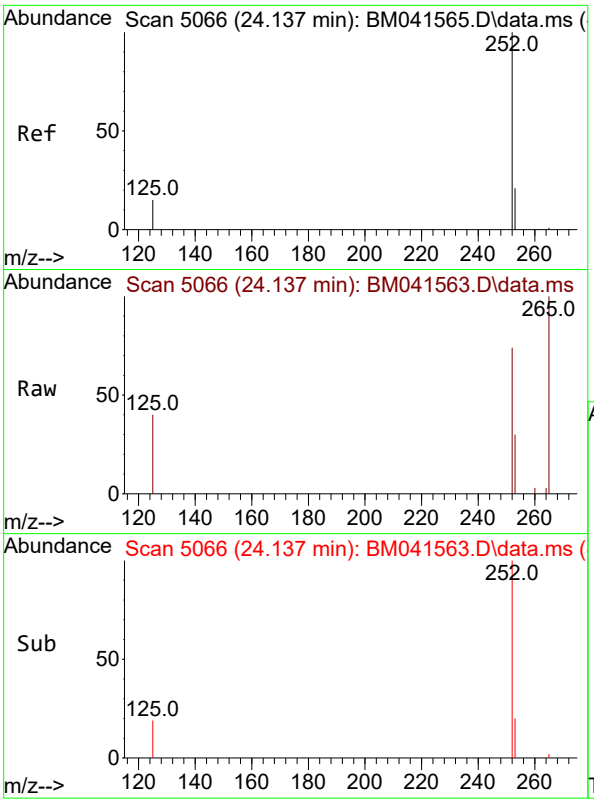


#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul
RT: 23.512 min Scan# 4852
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:252 Resp: 3146

Ion	Ratio	Lower	Upper
252	100		
253	37.0	20.2	30.4#
125	44.8	18.2	27.4#



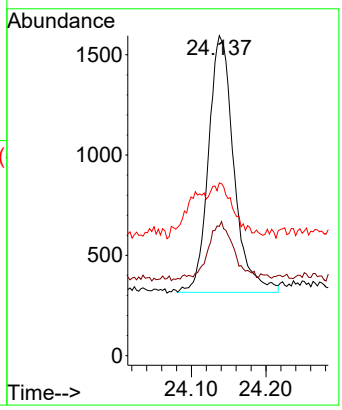


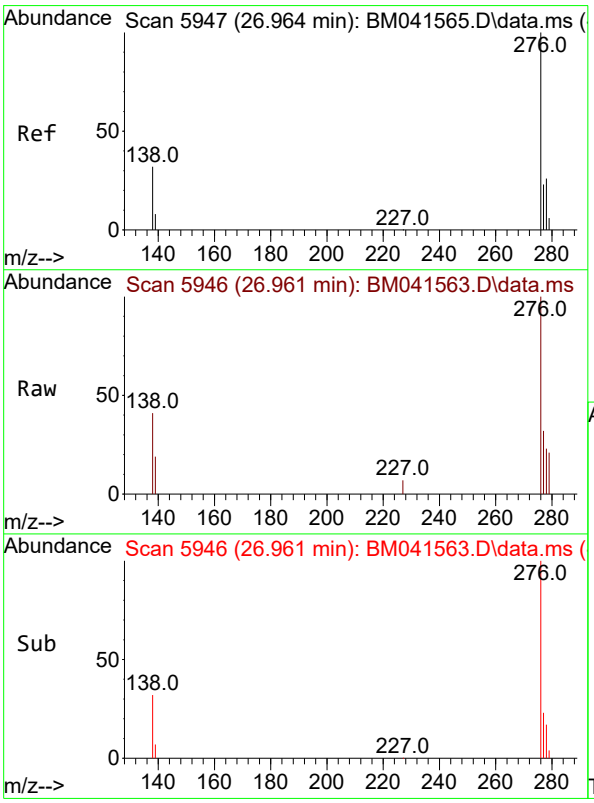
#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 24.137 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:252 Resp: 3024

Ion	Ratio	Lower	Upper
252	100		
253	40.4	20.9	31.3#
125	54.0	21.1	31.7#

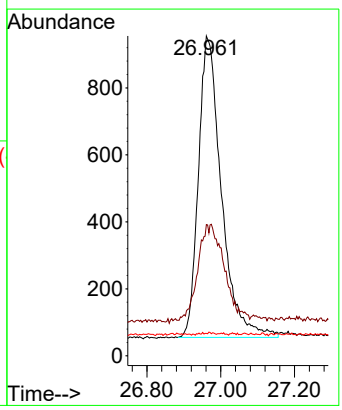


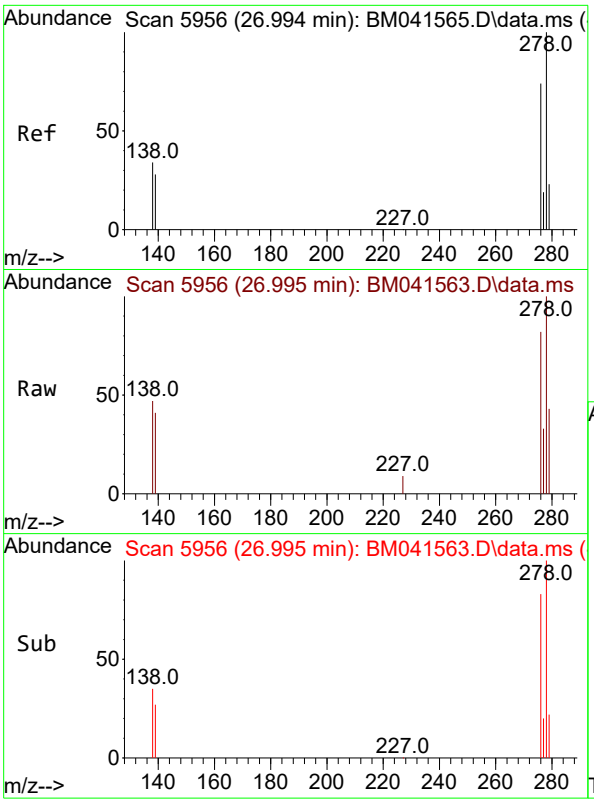


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 26.961 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:276 Resp: 3883

Ion	Ratio	Lower	Upper
276	100		
138	37.1	30.3	45.5
227	0.2	0.1	0.1#



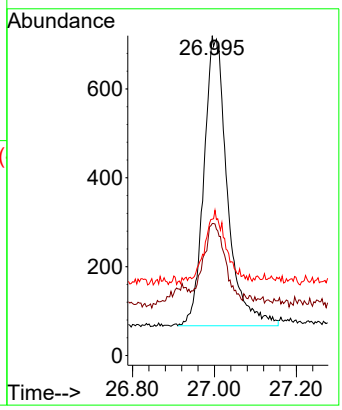


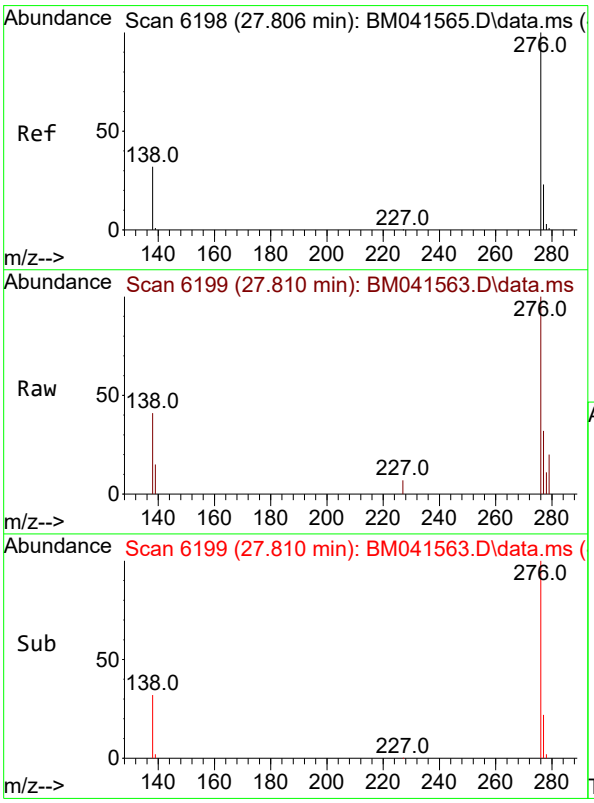
#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 26.995 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:278 Resp: 2591

Ion	Ratio	Lower	Upper
278	100		
139	41.3	25.0	37.4#
279	42.6	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.139 ng/ul
RT: 27.810 min Scan# 6199
Delta R.T. 0.003 min
Lab File: BM041563.D
Acq: 29 Aug 2023 19:32

Tgt Ion:276 Resp: 3331

Ion	Ratio	Lower	Upper
276	100		
138	41.2	27.4	41.0#
277	32.2	20.4	30.6#