Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041518.D
Acq On : 28 Aug 2023 12:13
Operator : MA/JU
Sample : SSTD0.213
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Aug 28 13:33:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 13:32:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	26371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	11476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	20517	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	9513	0.400	ng/ul	0.00
23) Perylene-d12	24.260	264	11850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	2586	0.195	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6914	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	7691	0.183	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	2726	0.200	ng/ul#	89
5) Naphthalene	10.993	128	16883	0.215	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	10066	0.213	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	10179	0.212	ng/ul	99
10) Acenaphthylene	14.481	152	15069	0.219	ng/ul	99
11) Acenaphthene	14.814	153	10658	0.222	ng/ul	99
12) Fluorene	15.799	166	11320	0.211	ng/ul	100
14) Pentachlorophenol	17.126	266	1594	0.412	ng/ul	98
15) Phenanthrene	17.548	178	16659	0.221	ng/ul	100
16) Anthracene	17.637	178	15093	0.220	ng/ul	99
19) Fluoranthene	19.557	202	17093	0.196	ng/ul	99
20) Pyrene	19.919	202	17264	0.196	ng/ul	96
21) Benzo(a)anthracene	21.673	228	13485	0.218	ng/ul	100
22) Chrysene	21.729	228	13399	0.200	ng/ul	99
24) Benzo(b)fluoranthene	23.462	252	15025	0.185	ng/ul	92
25) Benzo(k)fluoranthene	23.515	252	14553	0.179	ng/ul#	94
26) Benzo(a)pyrene	24.140	252	13537	0.203	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.971	276	18338	0.220	ng/ul#	98
28) Dibenzo(a,h)anthracene	27.004	278	13144	0.206	ng/ul	95
29) Benzo(g,h,i)perylene	27.816	276	15153	0.206	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041518.D
Acq On : 28 Aug 2023 12:13
Operator : MA/JU
Sample : SSTD0.213
Misc :
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Instrument :
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ClientSampleId :
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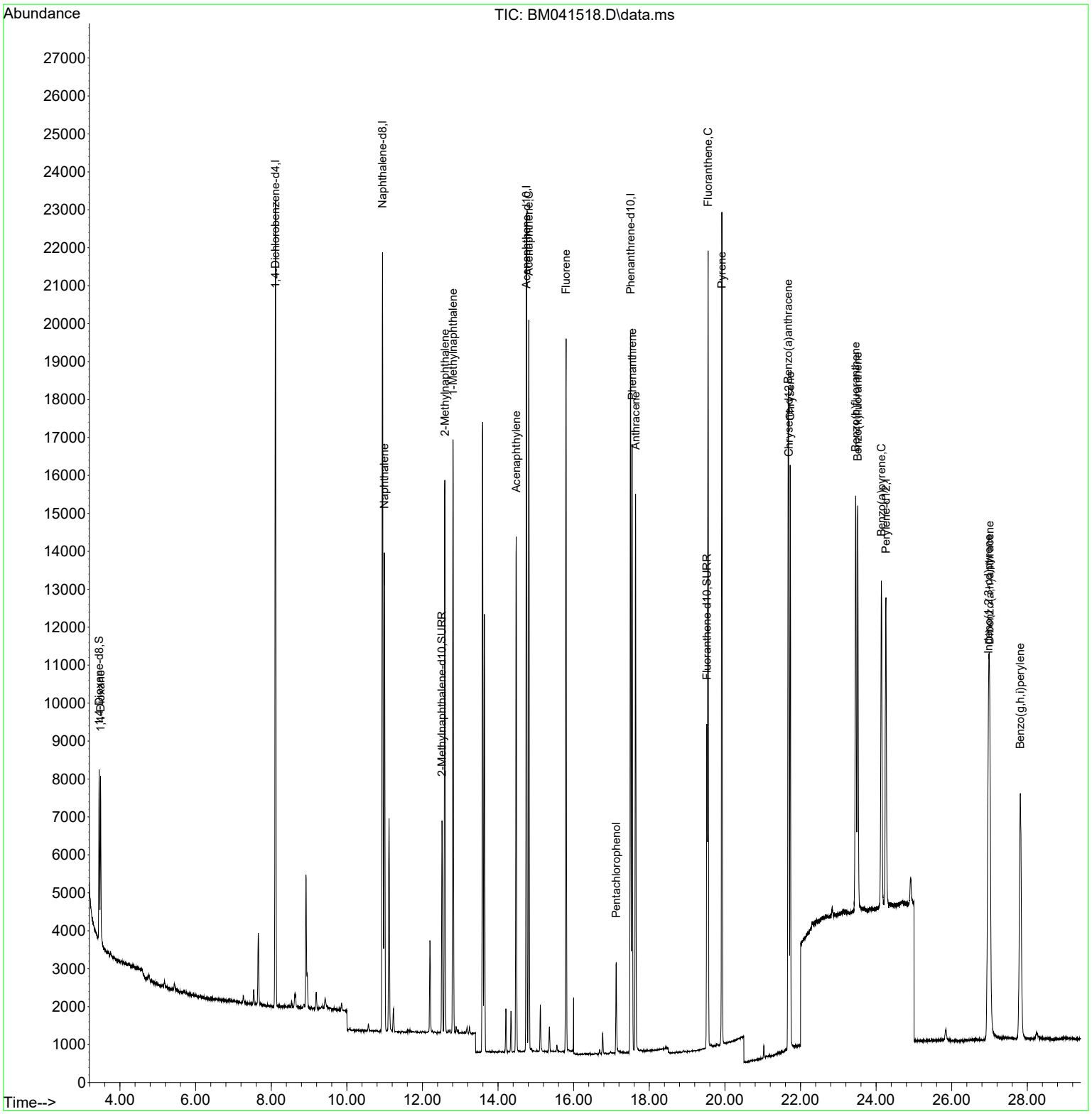
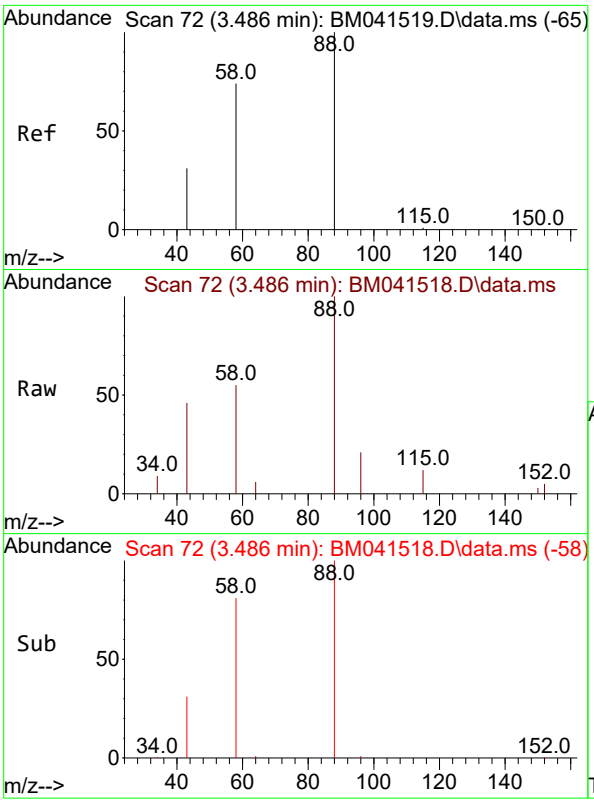
Quant Time: Aug 28 13:33:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 13:32:21 2023
Response via : Initial Calibration



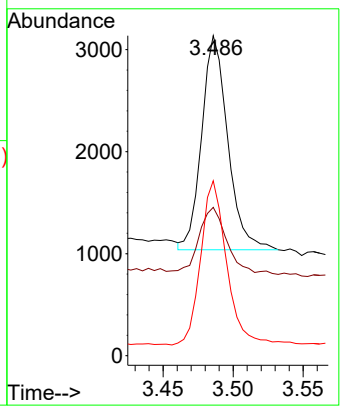


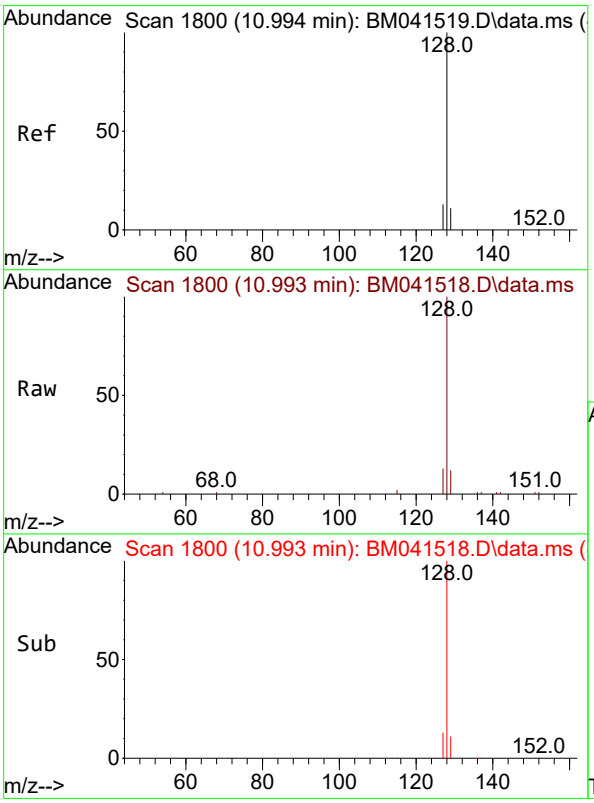
#2
1,4-Dioxane
Concen: 0.200 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion: 88 Resp: 2726

Ion	Ratio	Lower	Upper
88	100		
43	46.4	30.6	46.0#
58	54.6	49.3	73.9

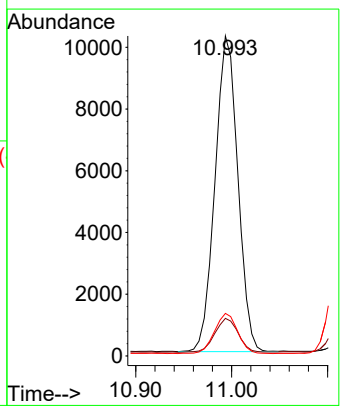


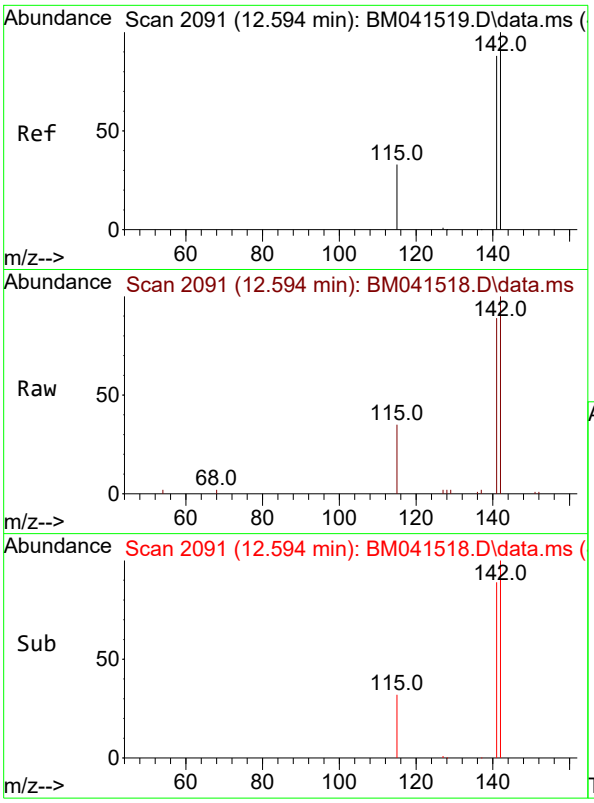


#5
Naphthalene
Concen: 0.215 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:128 Resp: 16883

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.3	10.6	15.8



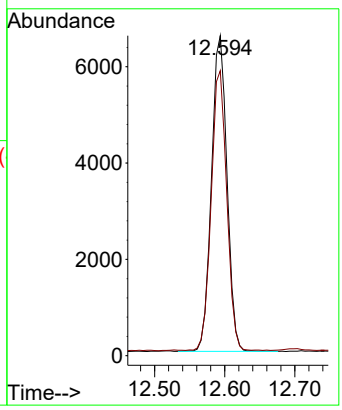


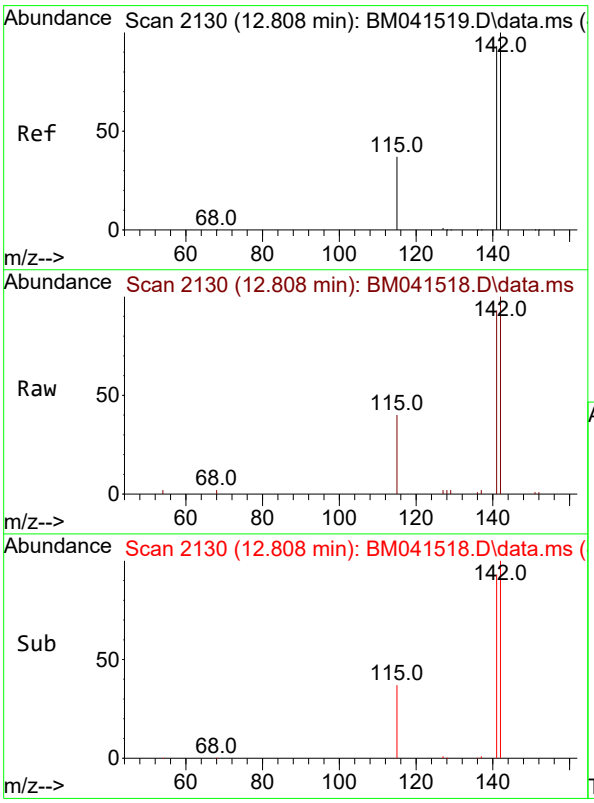
#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.594 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:142 Resp: 10066

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6

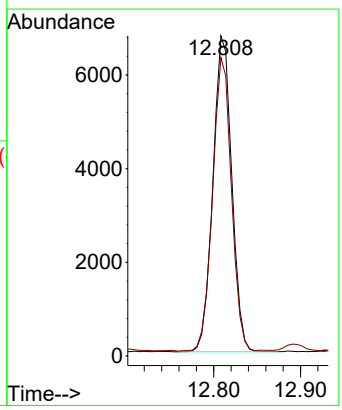


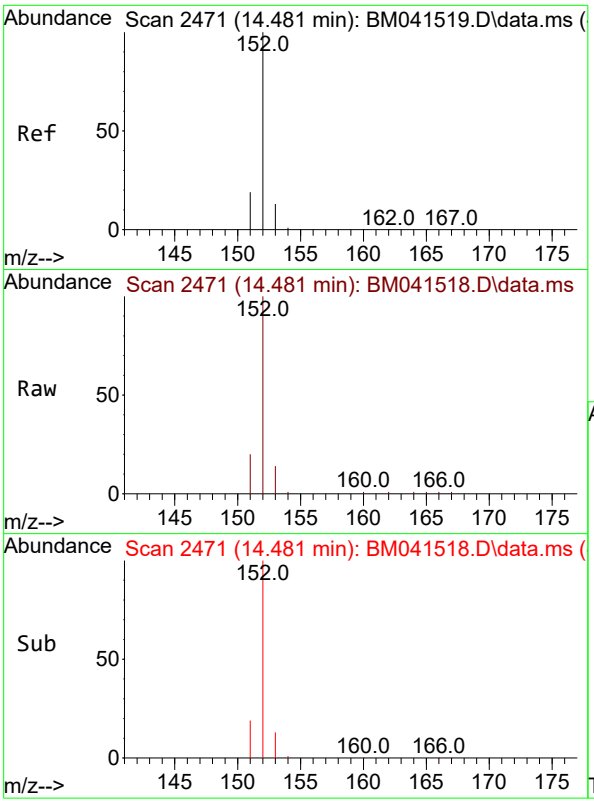


#8
1-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:142 Resp: 10179

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9



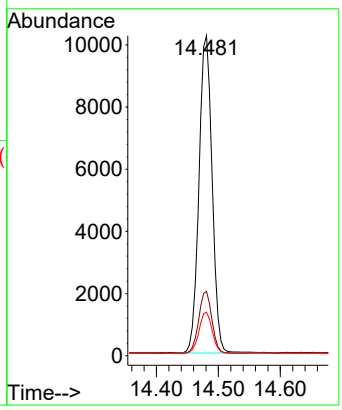


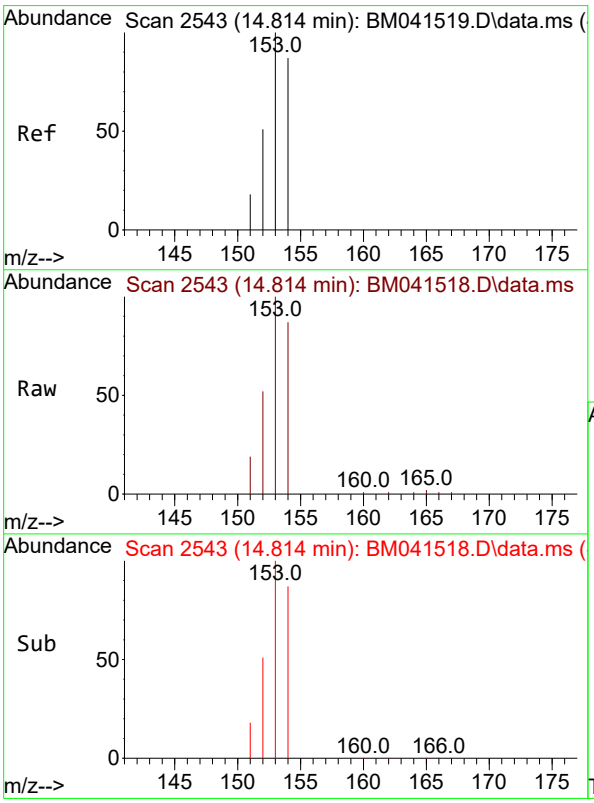
#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 14.481 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:152 Resp: 15069

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.6	10.5	15.7

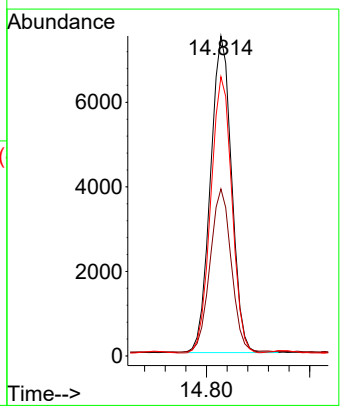


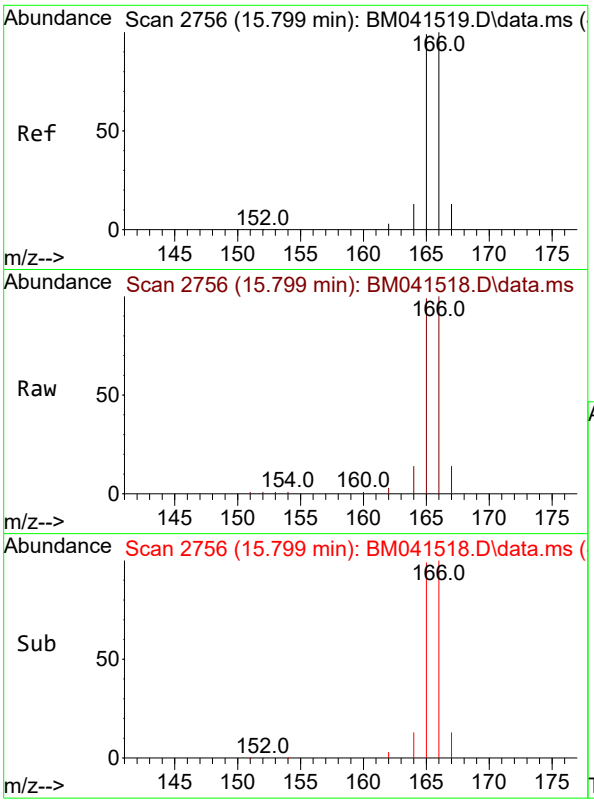


#11
Acenaphthene
Concen: 0.222 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:153 Resp: 10658

Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.1	61.7
154	87.2	69.4	104.0



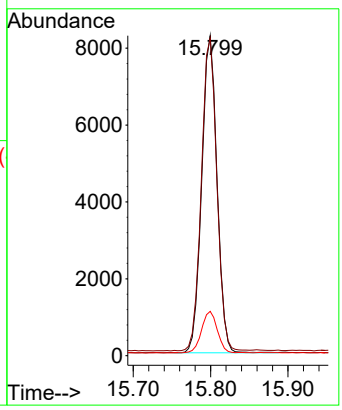


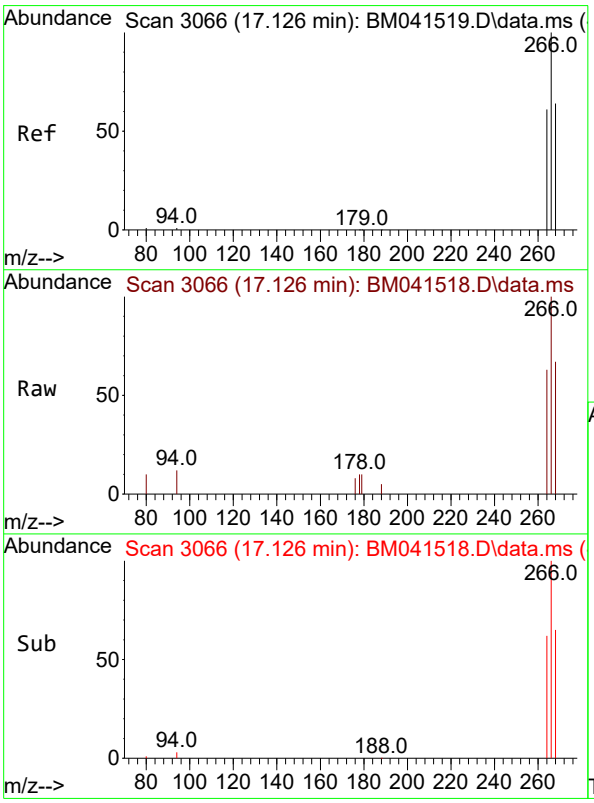
#12
Fluorene
Concen: 0.211 ng/ul
RT: 15.799 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:166 Resp: 11320

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.2	118.8
167	13.9	10.8	16.2

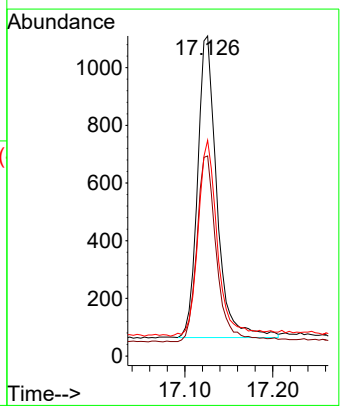


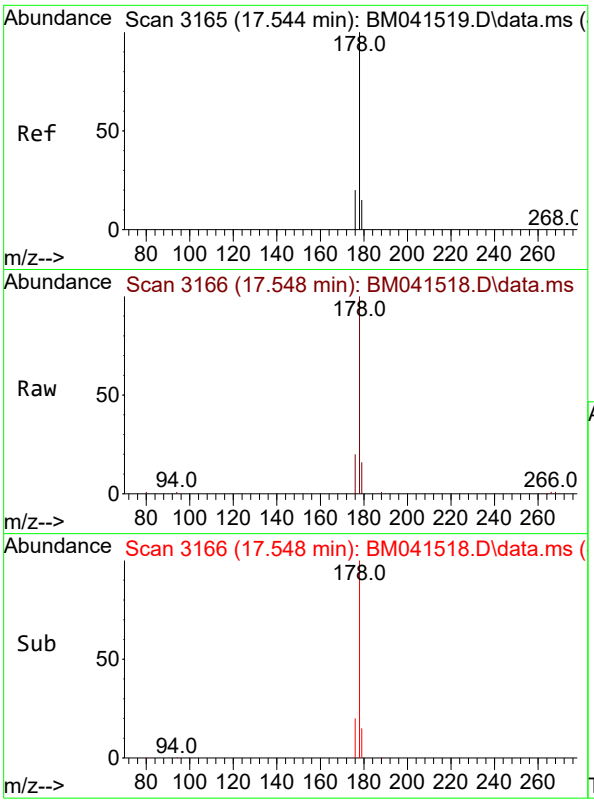


#14
Pentachlorophenol
Concen: 0.412 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:266 Resp: 1594

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.0	75.0
268	66.1	51.4	77.0



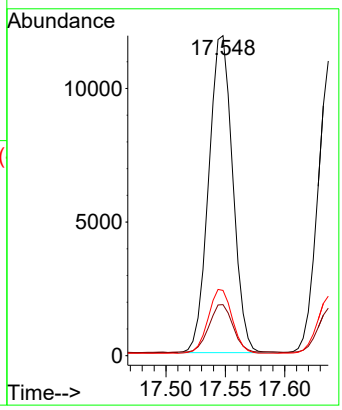


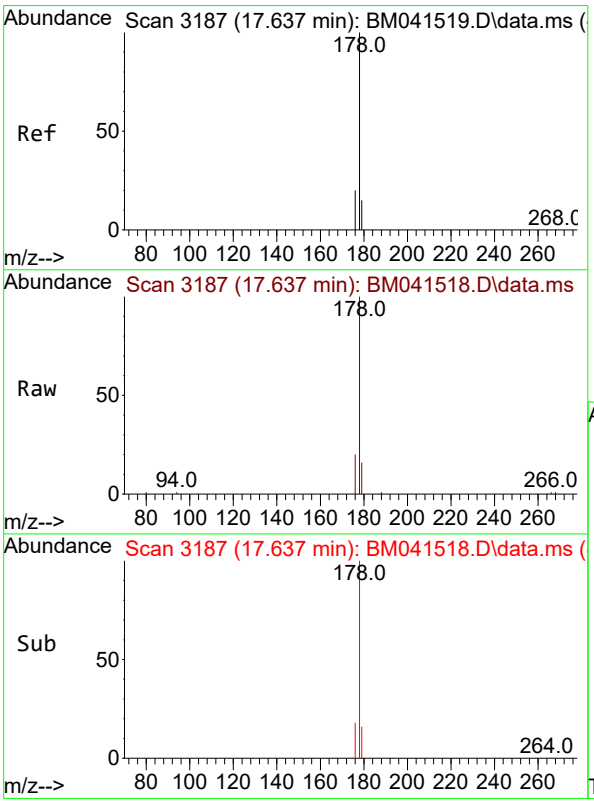
#15
Phenanthrene
Concen: 0.221 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:178 Resp: 16659

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	20.4	16.3	24.5

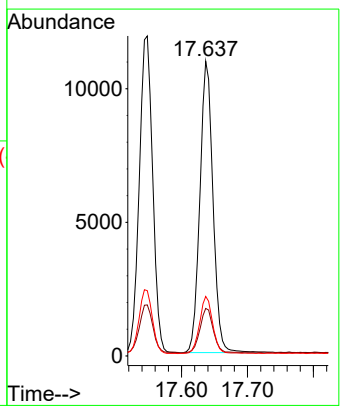


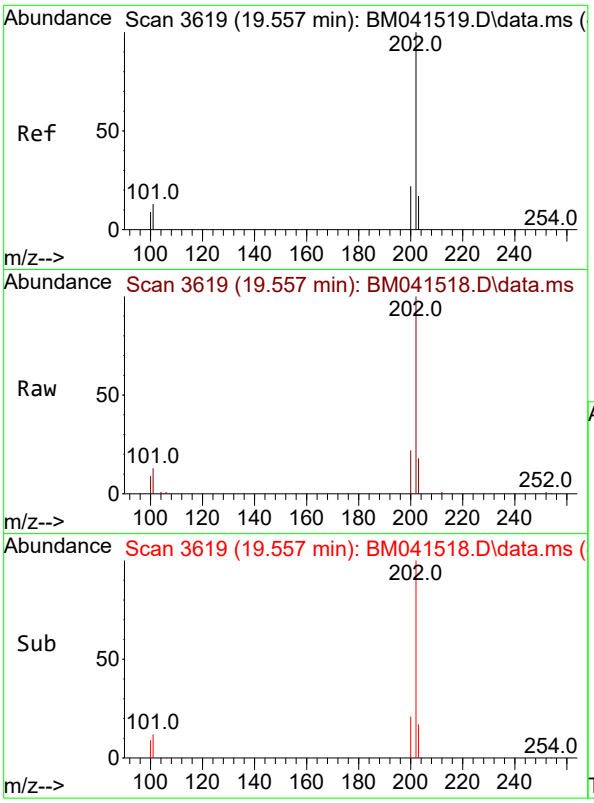


#16
Anthracene
Concen: 0.220 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:178 Resp: 15093

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	20.2	15.9	23.9



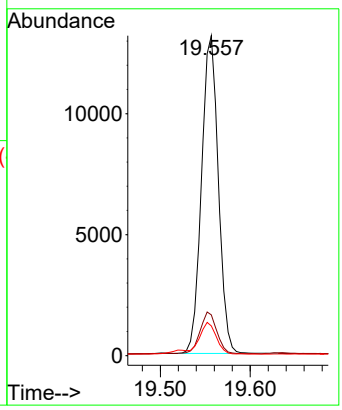


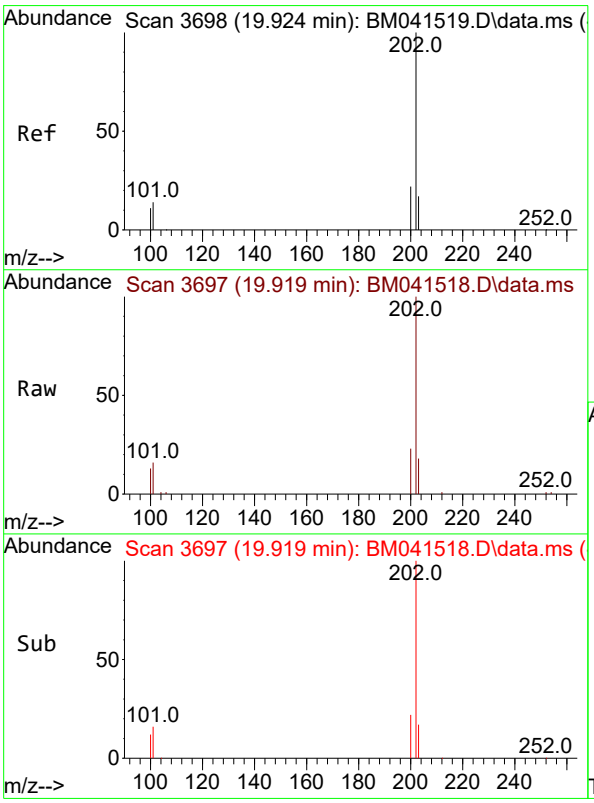
#19
Fluoranthene
Concen: 0.196 ng/ul
RT: 19.557 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:202 Resp: 17093

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.5	15.7
100	9.3	7.8	11.6

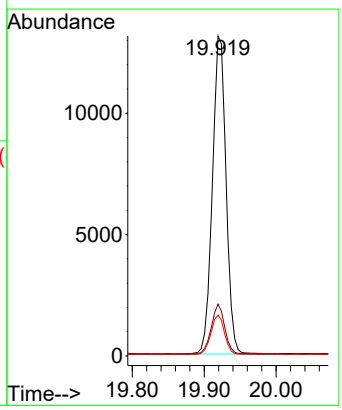


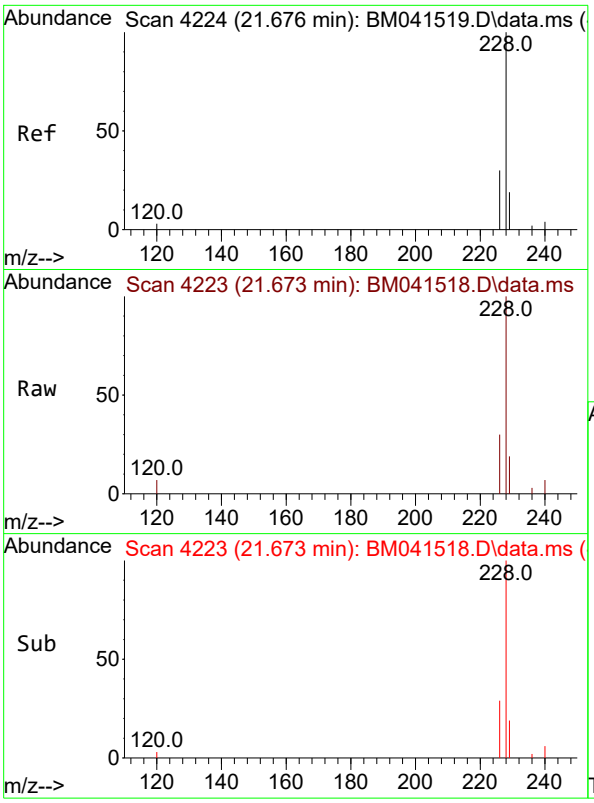


#20
Pyrene
Concen: 0.196 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:202 Resp: 17264

Ion	Ratio	Lower	Upper
202	100		
101	16.2	11.6	17.4
100	12.8	9.1	13.7



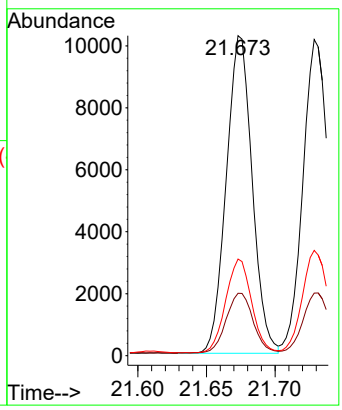


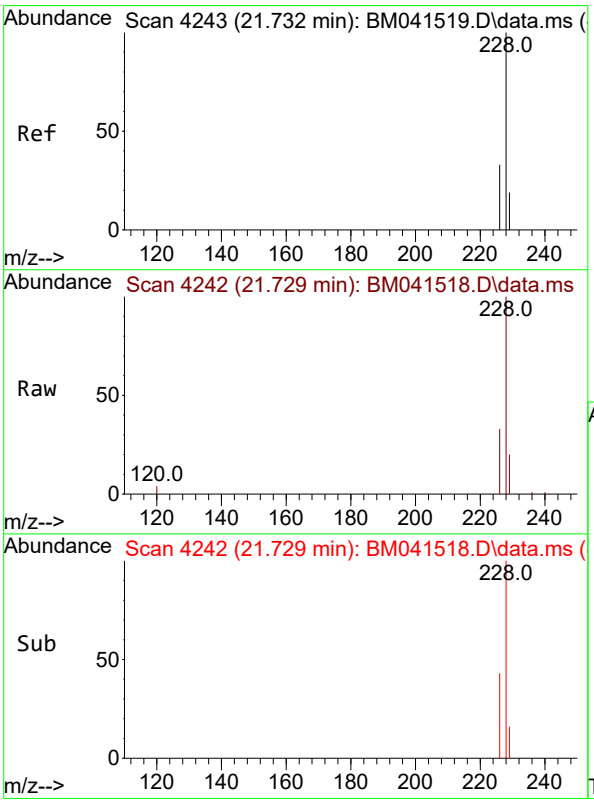
#21
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.673 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:228 Resp: 13485

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	30.2	24.0	36.0

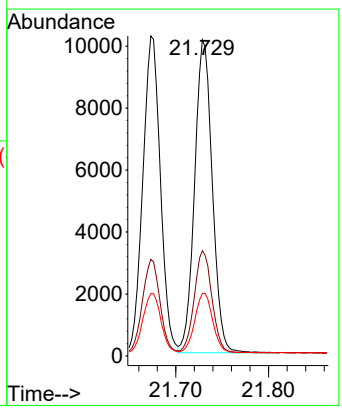


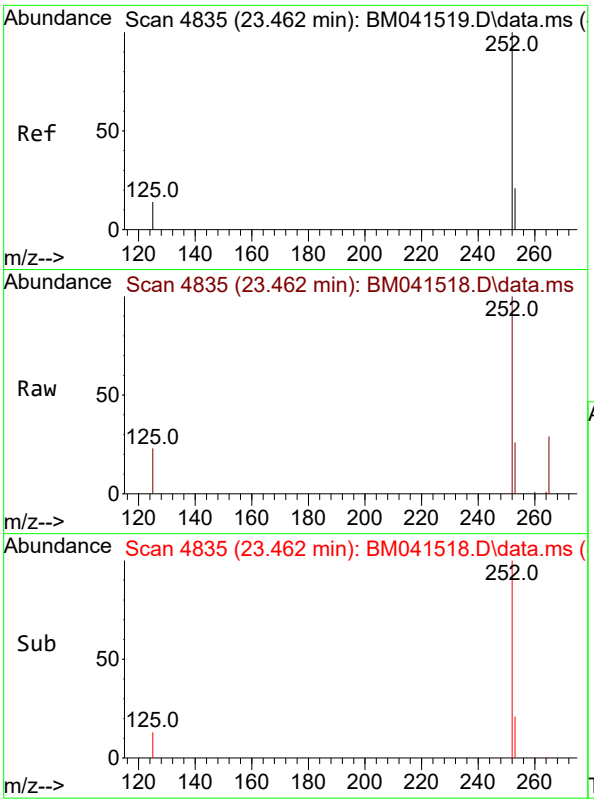


#22
Chrysene
Concen: 0.200 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:228 Resp: 13399

Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.3	39.5
229	19.8	15.4	23.2



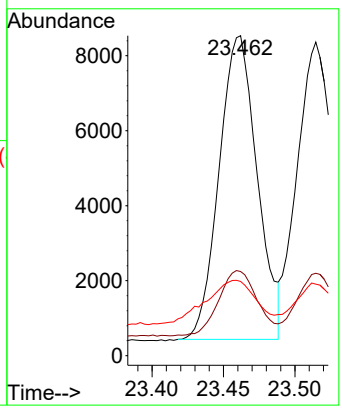


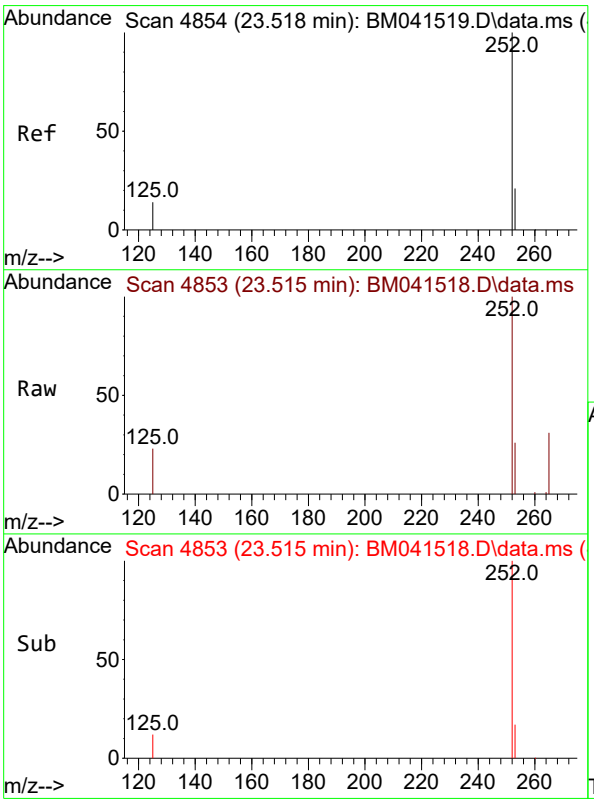
#24
Benzo(b)fluoranthene
Concen: 0.185 ng/ul
RT: 23.462 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 15025

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	47.0
125	23.2	0.0	37.2

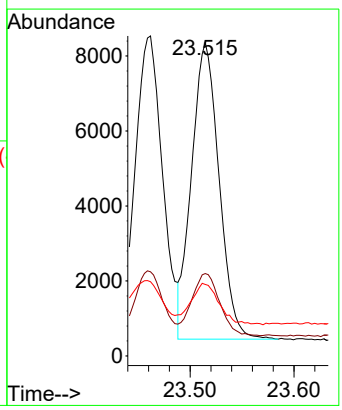


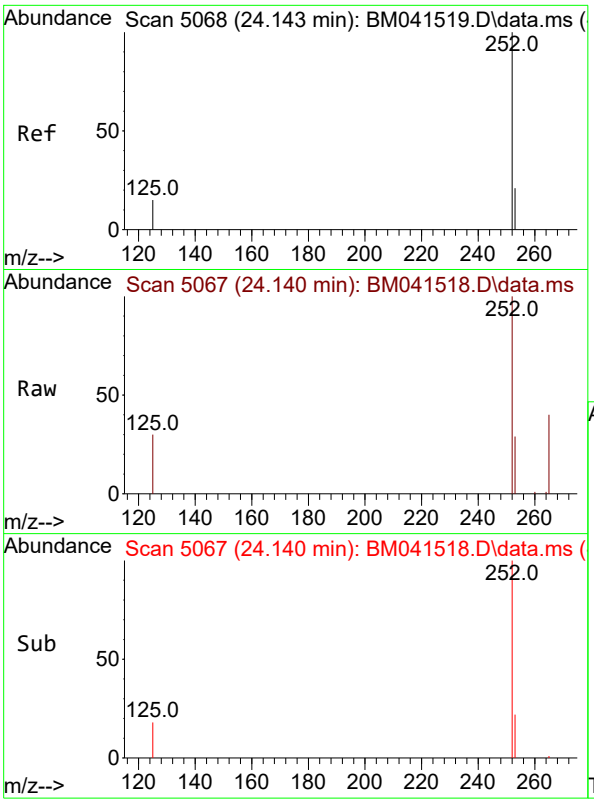


#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul
RT: 23.515 min Scan# 4853
Delta R.T. -0.003 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:252 Resp: 14553

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.3	28.9
125	22.8	15.0	22.4#



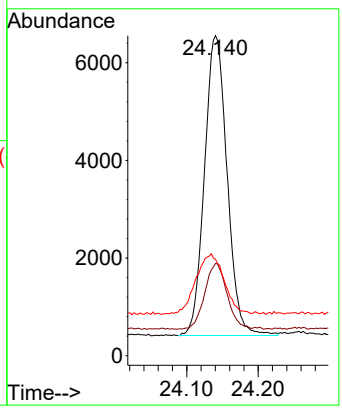


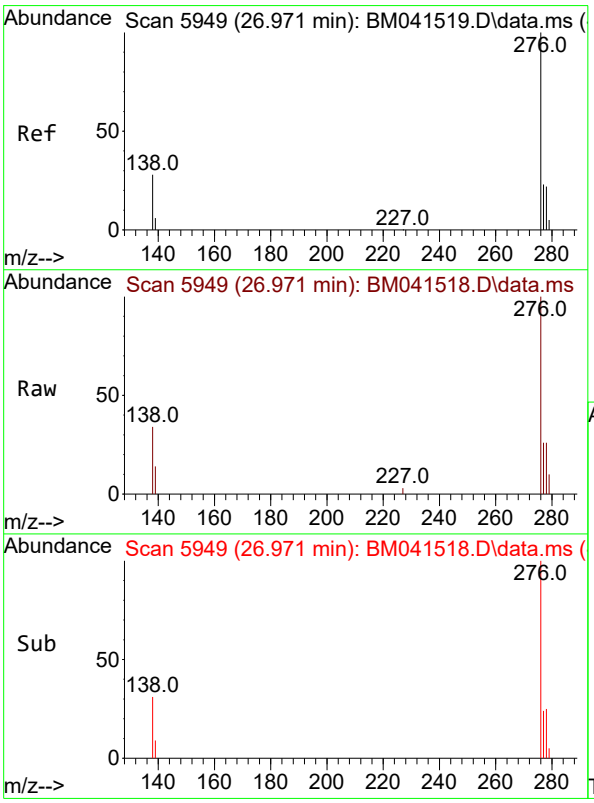
#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 24.140 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 13537

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.0	30.0
125	30.2	17.1	25.7#

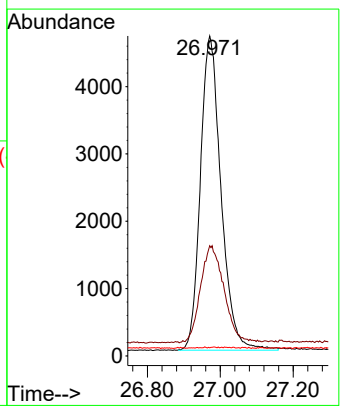


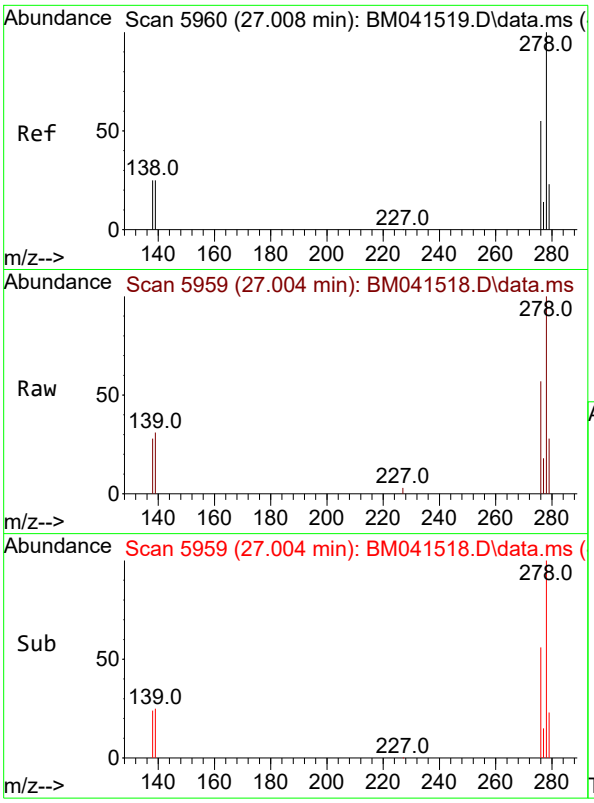


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng/ul
RT: 26.971 min Scan# 5949
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:276 Resp: 18338

Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.3	40.9
227	0.1	0.0	0.0#



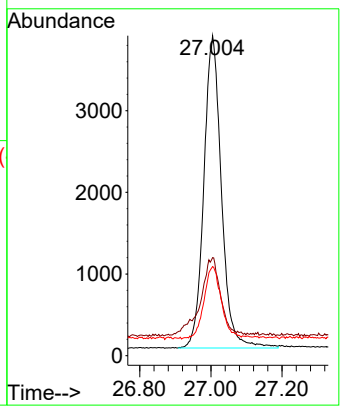


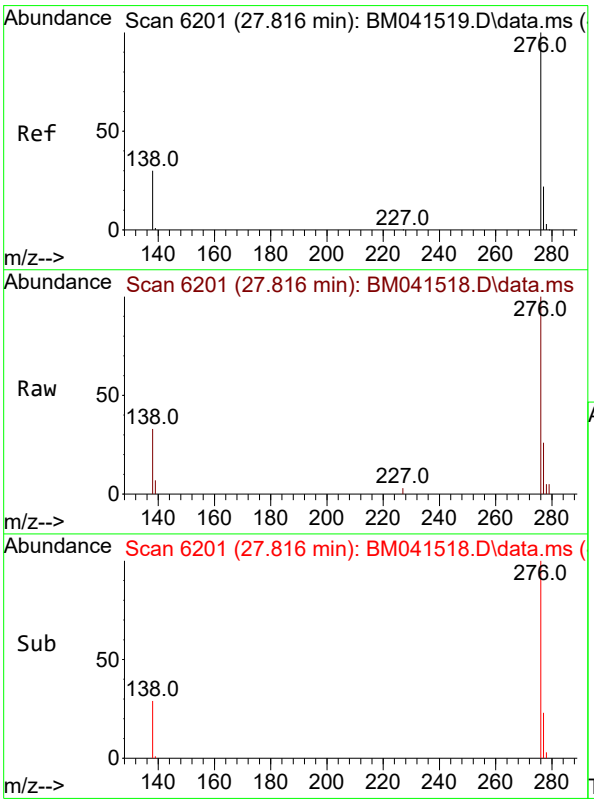
#28
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 27.004 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 13144

Ion	Ratio	Lower	Upper
278	100		
139	30.6	22.2	33.2
279	27.8	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.816 min Scan# 6201
Delta R.T. -0.000 min
Lab File: BM041518.D
Acq: 28 Aug 2023 12:13

Tgt Ion:276 Resp: 15153

Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.9	38.9
277	26.0	19.1	28.7