Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048143.D
Acq On : 18 Oct 2024 19:44
Operator : RC/JU
Sample : SSTD1.697
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Oct 19 00:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:40:09 2024
Response via : Initial Calibration

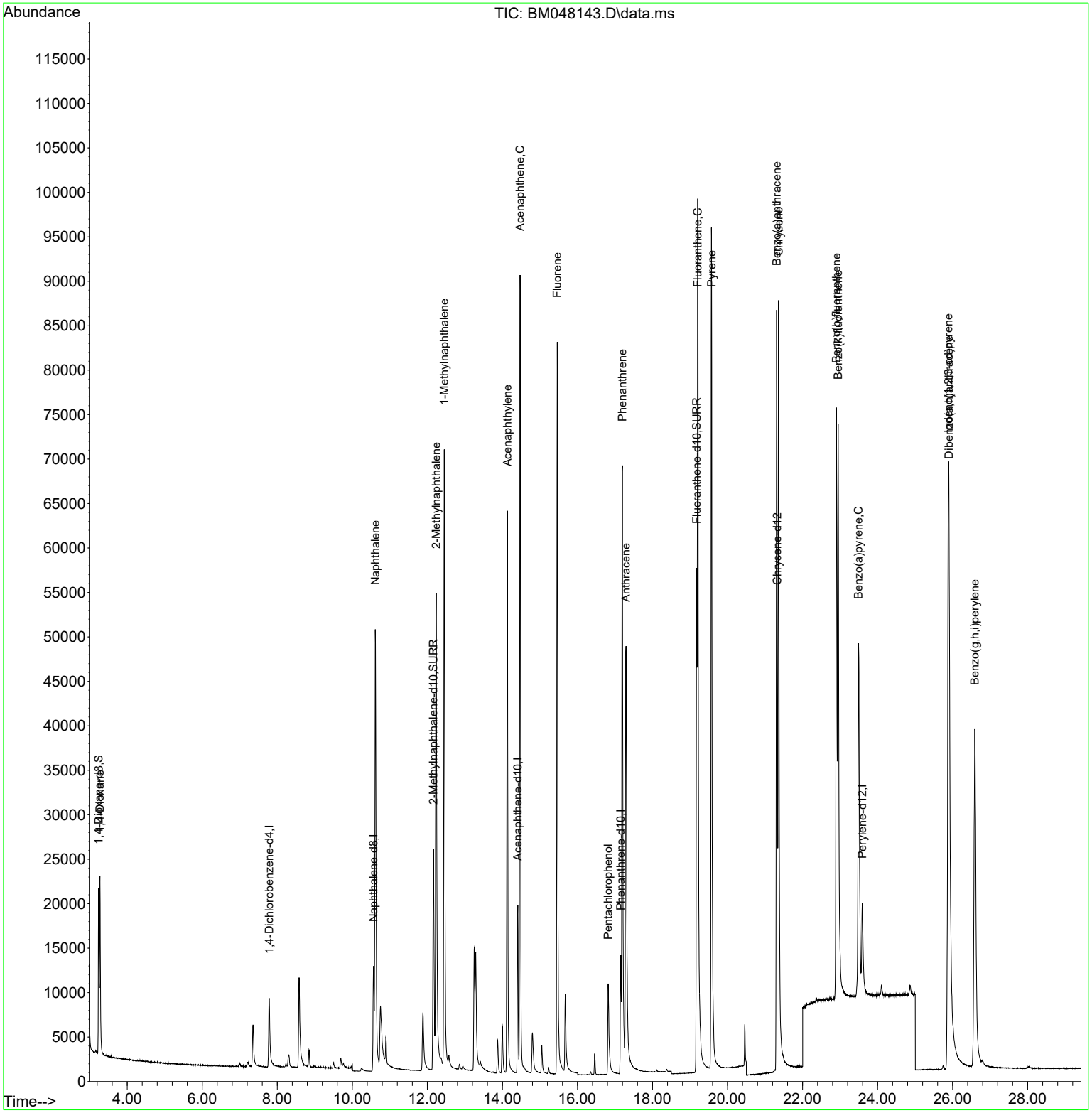
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	6557	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.562	136	21095	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.409	164	11440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.154	188	21857	0.400	ng/ul	-0.02
17) Chrysene-d12	21.324	240	17490	0.400	ng/ul	-0.01
23) Perylene-d12	23.592	264	16658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12887	1.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	47104	1.673	ng/ul	-0.04
18) Fluoranthene-d10	19.179	212	84513	1.578	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	14405	1.429	ng/ul#	86
5) Naphthalene	10.612	128	89932	1.564	ng/ul	96
7) 2-Methylnaphthalene	12.234	142	55253	1.602	ng/ul	98
8) 1-Methylnaphthalene	12.449	142	58179	1.608	ng/ul	98
10) Acenaphthylene	14.132	152	84990	1.528	ng/ul	97
11) Acenaphthene	14.470	153	58650	1.537	ng/ul	99
12) Fluorene	15.460	166	65190	1.510	ng/ul	98
14) Pentachlorophenol	16.820	266	11547	1.757	ng/ul	100
15) Phenanthrene	17.196	178	93680	1.444	ng/ul	98
16) Anthracene	17.293	178	87650	1.518	ng/ul	95
19) Fluoranthene	19.206	202	111044	1.509	ng/ul	98
20) Pyrene	19.574	202	116745	1.490	ng/ul	97
21) Benzo(a)anthracene	21.309	228	91096	1.232	ng/ul	98
22) Chrysene	21.362	228	110425	1.436	ng/ul	99
24) Benzo(b)fluoranthene	22.902	252	96959	1.338	ng/ul	84
25) Benzo(k)fluoranthene	22.949	252	107052	1.468	ng/ul#	85
26) Benzo(a)pyrene	23.492	252	84042	1.471	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.886	276	121009	1.330	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.903	278	91848	1.338	ng/ul#	87
29) Benzo(g,h,i)perylene	26.590	276	98272	1.345	ng/ul	96

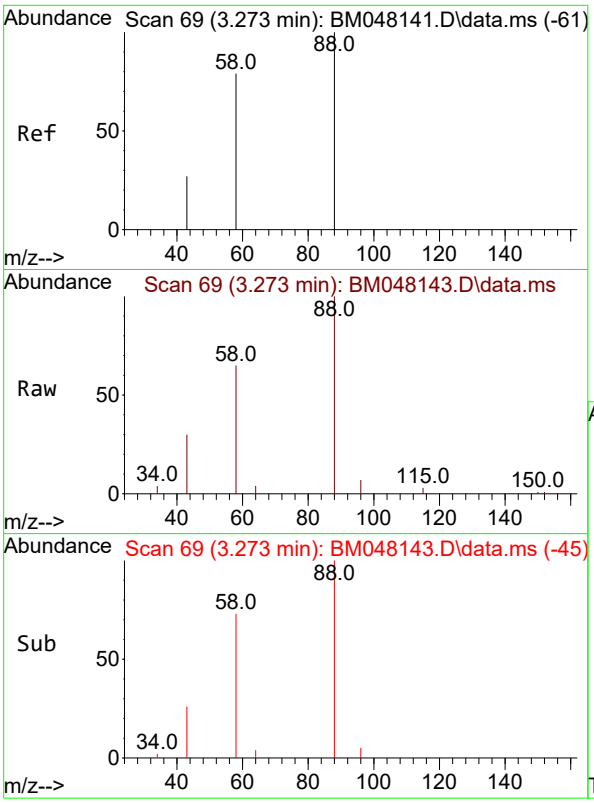
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048143.D
Acq On : 18 Oct 2024 19:44
Operator : RC/JU
Sample : SSTD1.697
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Oct 19 00:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:40:09 2024
Response via : Initial Calibration



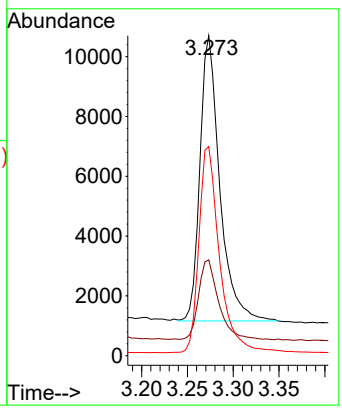


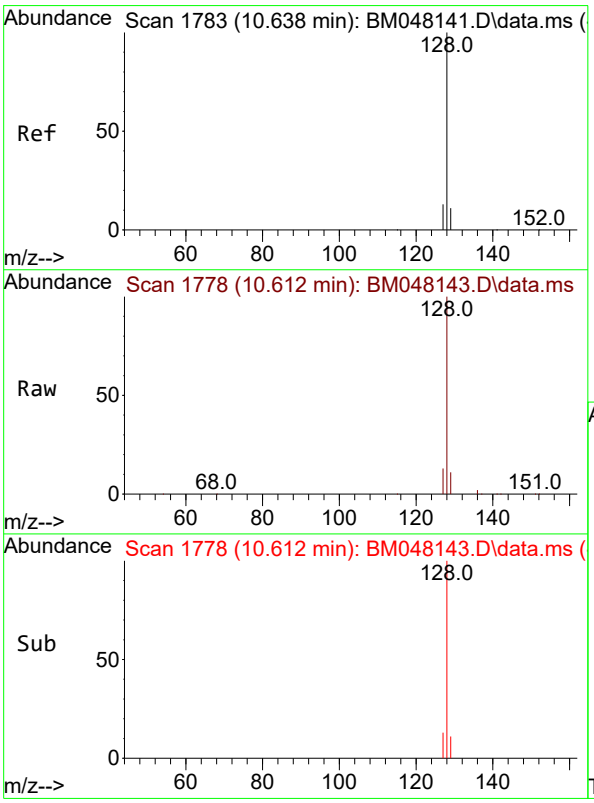
#2
1,4-Dioxane
Concen: 1.429 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion: 88 Resp: 14405

Ion	Ratio	Lower	Upper
88	100		
43	29.9	27.7	41.5
58	65.4	42.5	63.7#

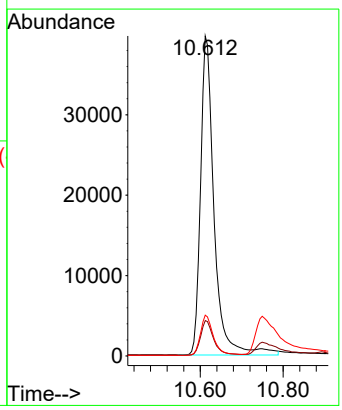


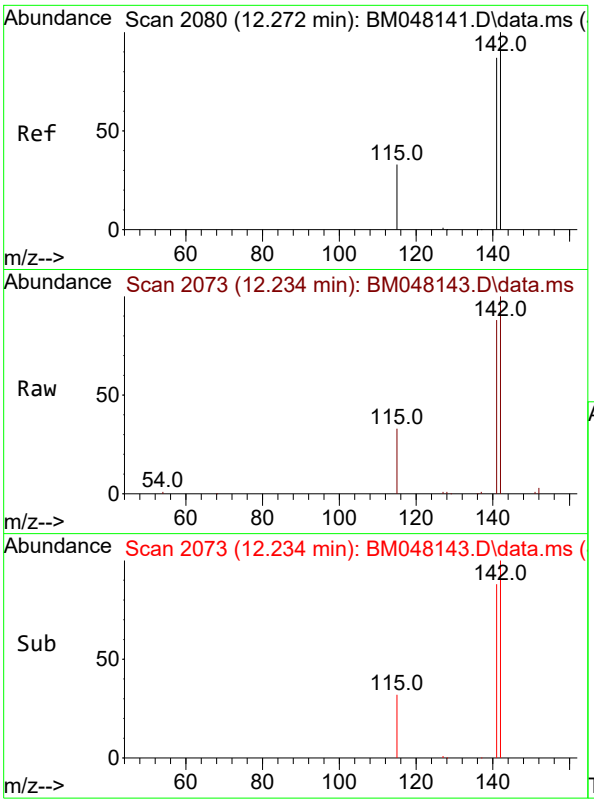


#5
Naphthalene
Concen: 1.564 ng/ul
RT: 10.612 min Scan# 1778
Delta R.T. -0.026 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:128 Resp: 89932

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.6	15.8
127	12.7	11.3	16.9



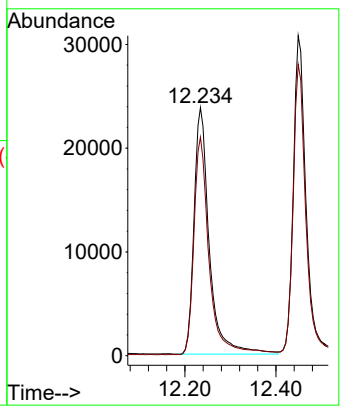


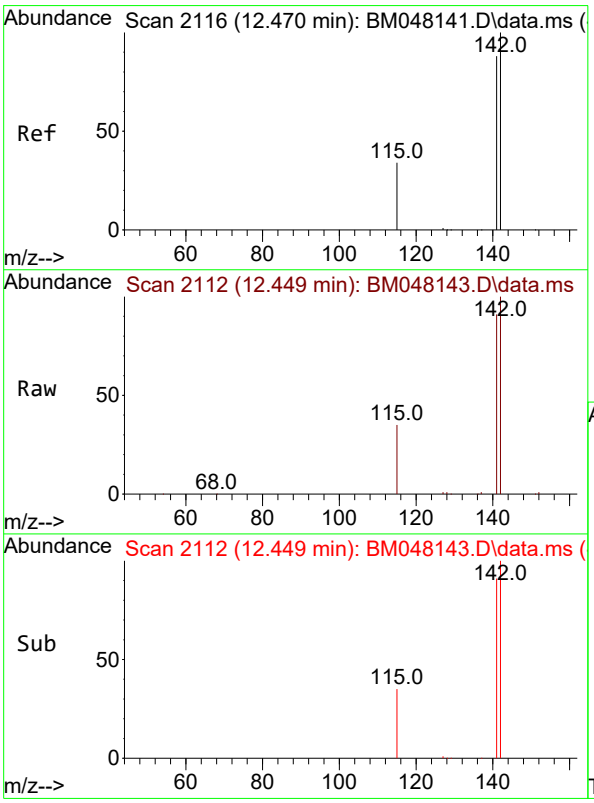
#7
2-Methylnaphthalene
Concen: 1.602 ng/ul
RT: 12.234 min Scan# 2
Delta R.T. -0.037 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:142 Resp: 55253

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9

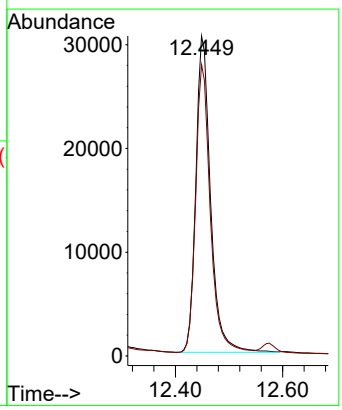


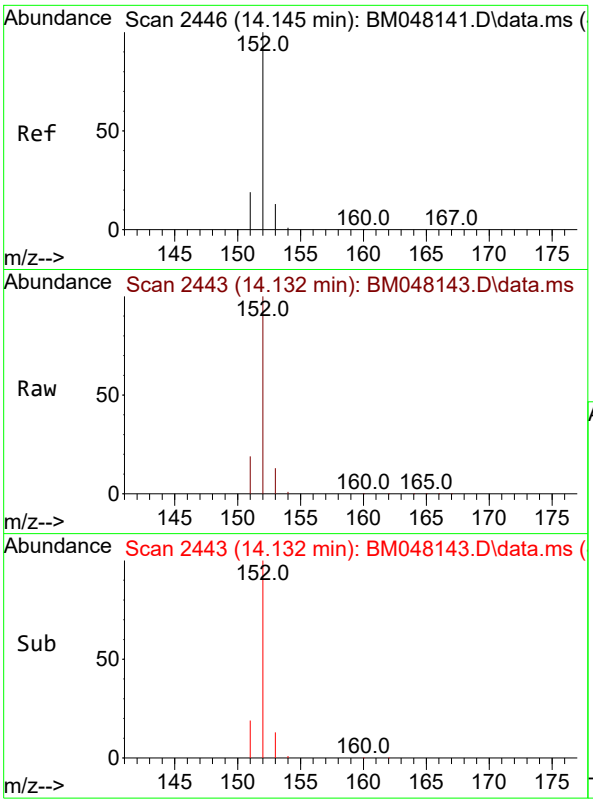


#8
1-Methylnaphthalene
Concen: 1.608 ng/ul
RT: 12.449 min Scan# 2112
Delta R.T. -0.021 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:142 Resp: 58179

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.8	110.6



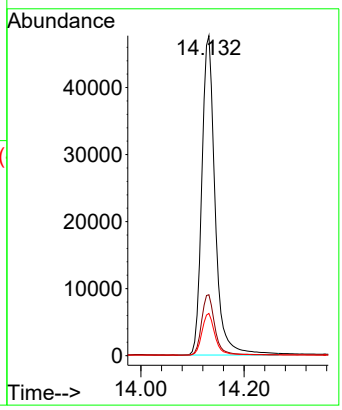


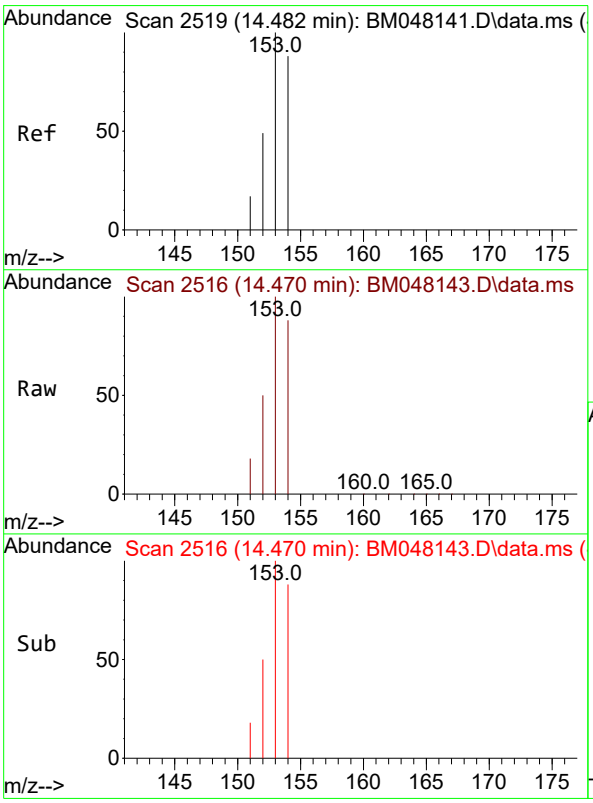
#10
Acenaphthylene
Concen: 1.528 ng/ul
RT: 14.132 min Scan# 24
Delta R.T. -0.013 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:152 Resp: 84990

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4
153	13.2	11.7	17.5

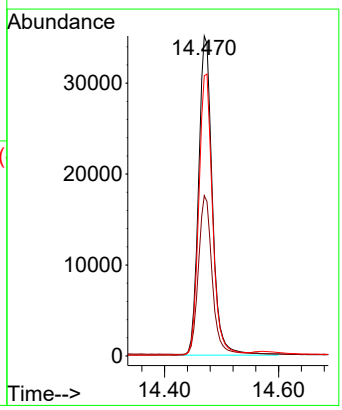


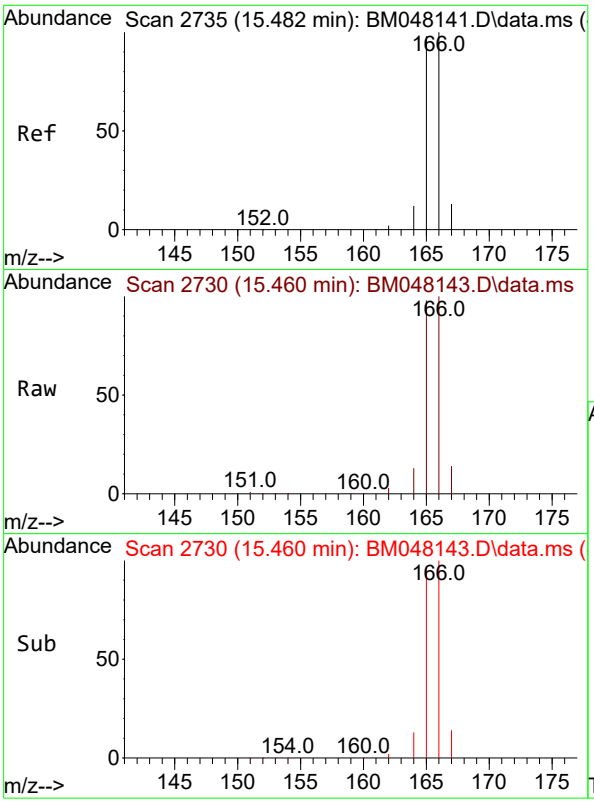


#11
Acenaphthene
Concen: 1.537 ng/ul
RT: 14.470 min Scan# 2516
Delta R.T. -0.013 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:153 Resp: 58650

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.9	61.3
154	87.6	71.0	106.4



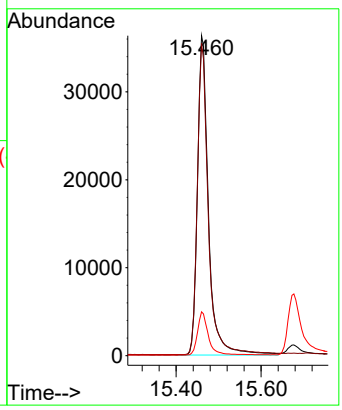


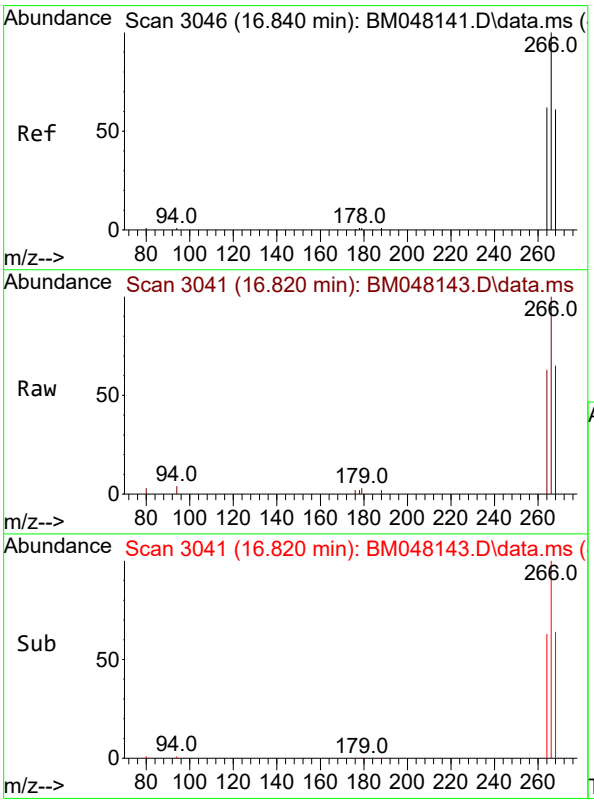
#12
Fluorene
Concen: 1.510 ng/ul
RT: 15.460 min Scan# 2
Delta R.T. -0.022 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:166 Resp: 65190

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.1	118.7
167	13.7	12.0	18.0

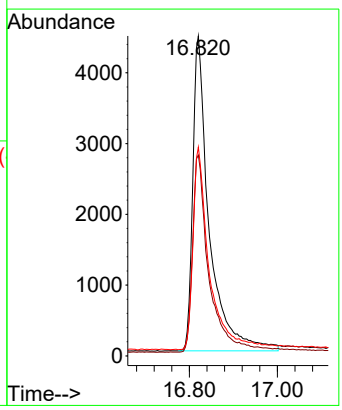


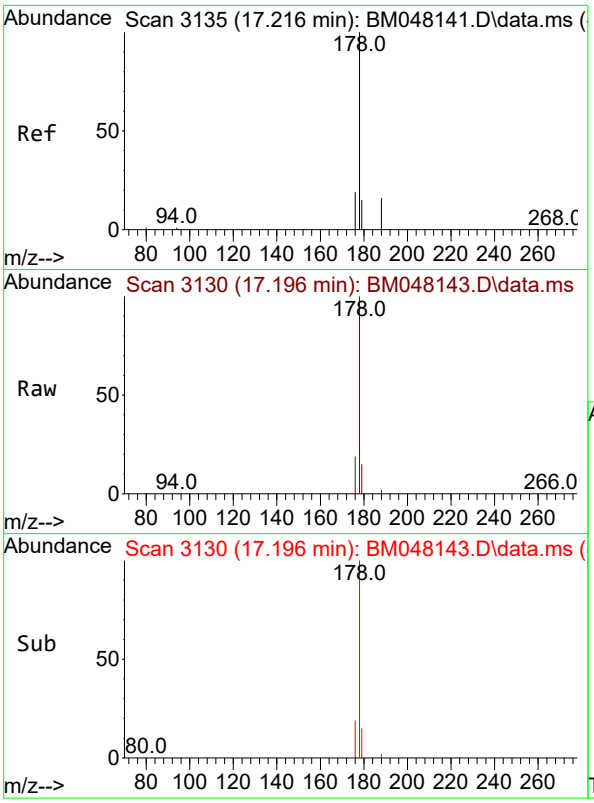


#14
Pentachlorophenol
Concen: 1.757 ng/ul
RT: 16.820 min Scan# 3041
Delta R.T. -0.020 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:266 Resp: 11547

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.2	75.2
268	64.7	51.8	77.6



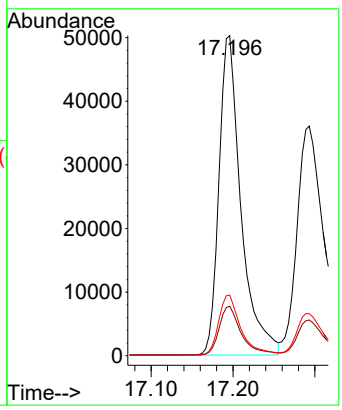


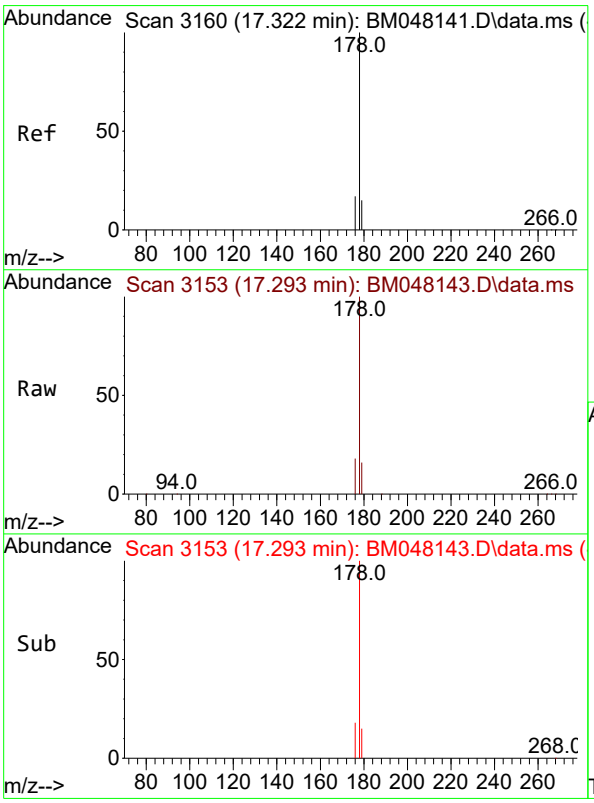
#15
Phenanthrene
Concen: 1.444 ng/ul
RT: 17.196 min Scan# 3
Delta R.T. -0.020 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:178 Resp: 93680

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	18.9	16.0	24.0

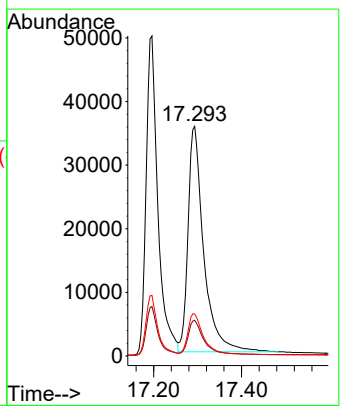


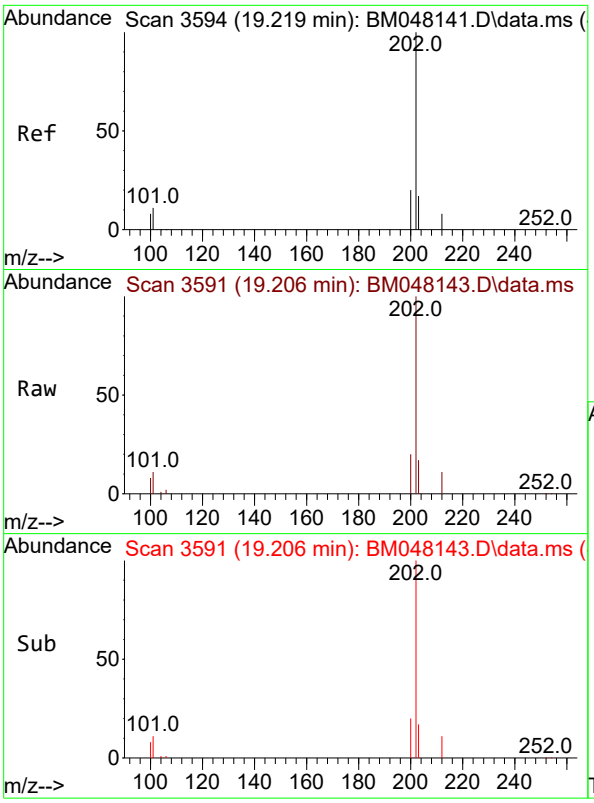


#16
Anthracene
Concen: 1.518 ng/ul
RT: 17.293 min Scan# 3153
Delta R.T. -0.028 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:178 Resp: 87650

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.5	21.7
176	18.3	16.0	24.0



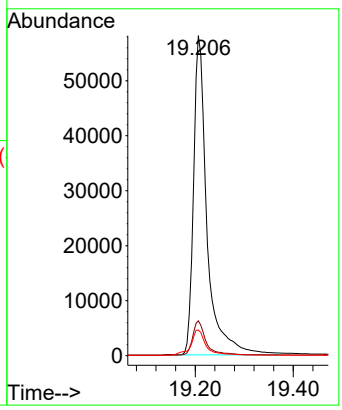


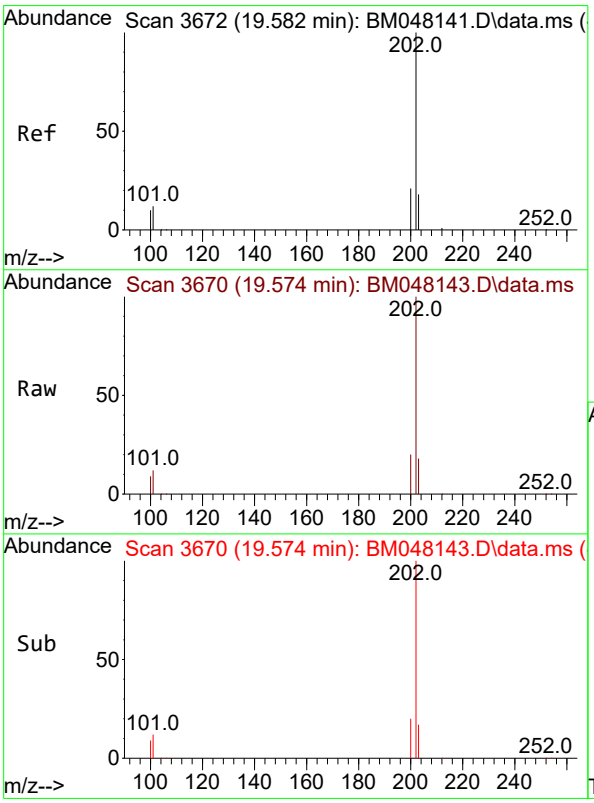
#19
Fluoranthene
Concen: 1.509 ng/ul
RT: 19.206 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:202 Resp: 111044

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.3	13.9
100	8.0	7.1	10.7

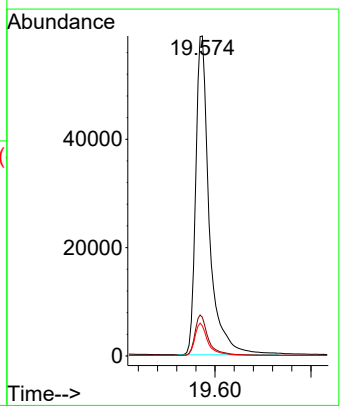


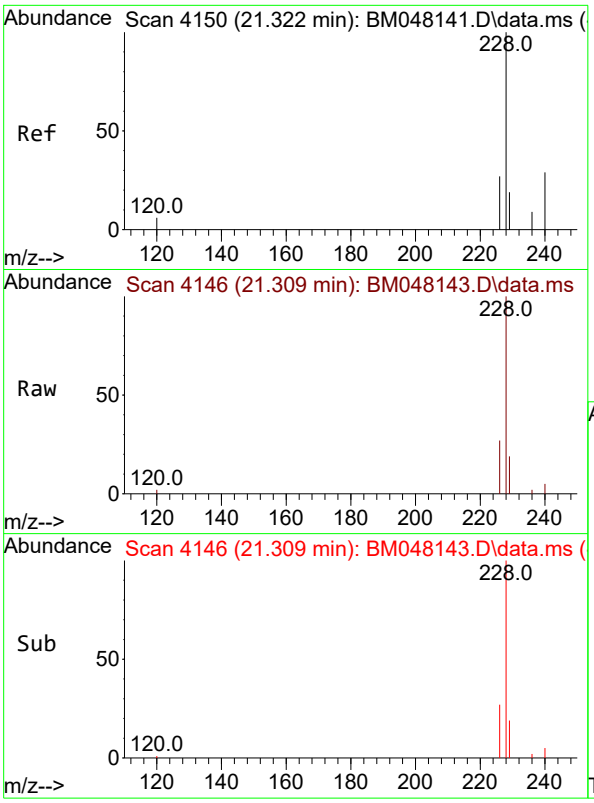


#20
Pyrene
Concen: 1.490 ng/ul
RT: 19.574 min Scan# 3670
Delta R.T. -0.008 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:202 Resp: 116745

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	16.0
100	9.4	8.1	12.1



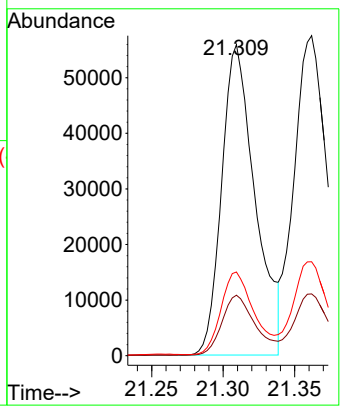


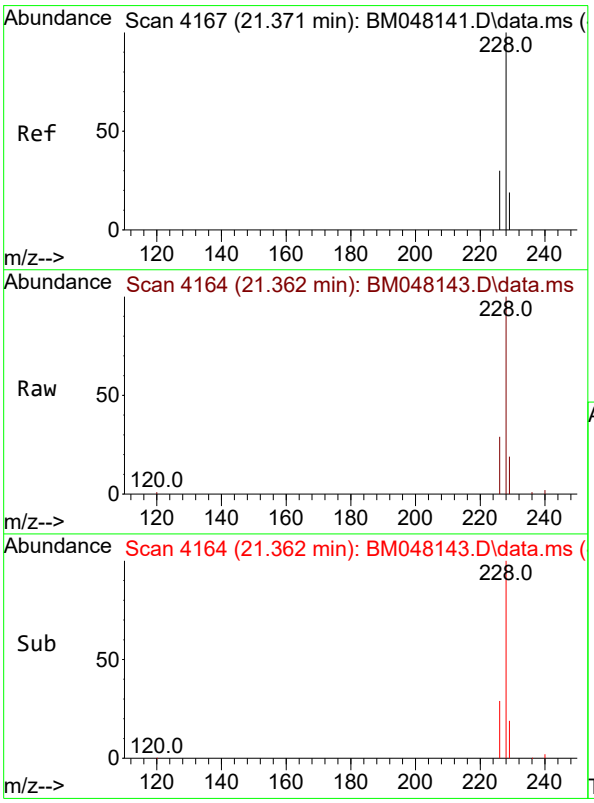
#21
Benzo(a)anthracene
Concen: 1.232 ng/ul
RT: 21.309 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:228 Resp: 91096

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.4	24.6
226	26.9	22.5	33.7

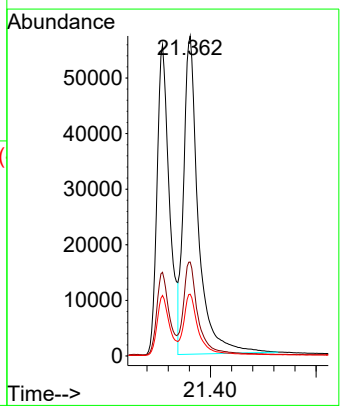


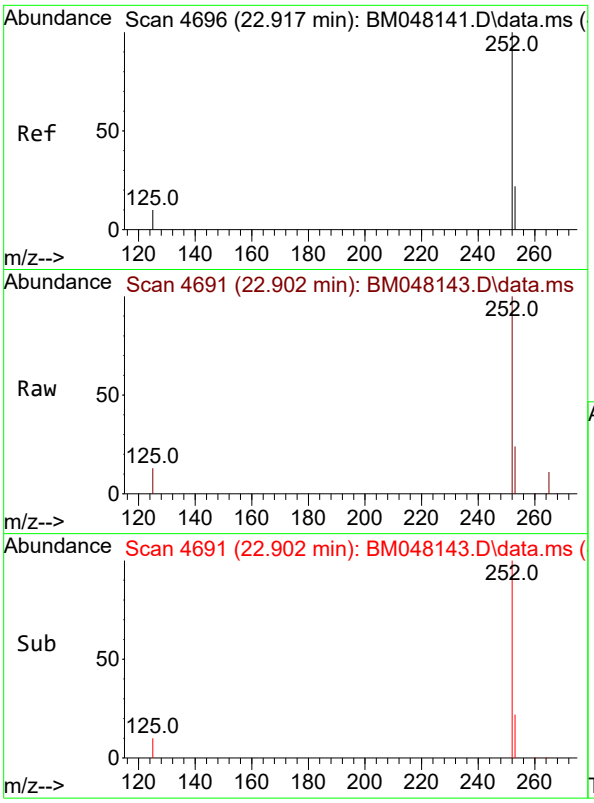


#22
Chrysene
Concen: 1.436 ng/ul
RT: 21.362 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:228 Resp: 110425

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	19.3	16.1	24.1



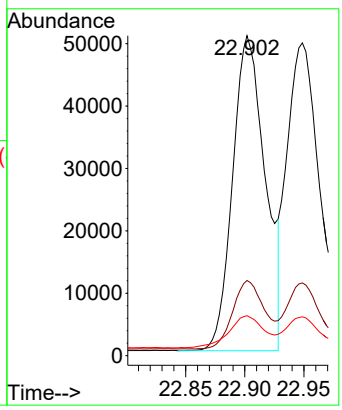


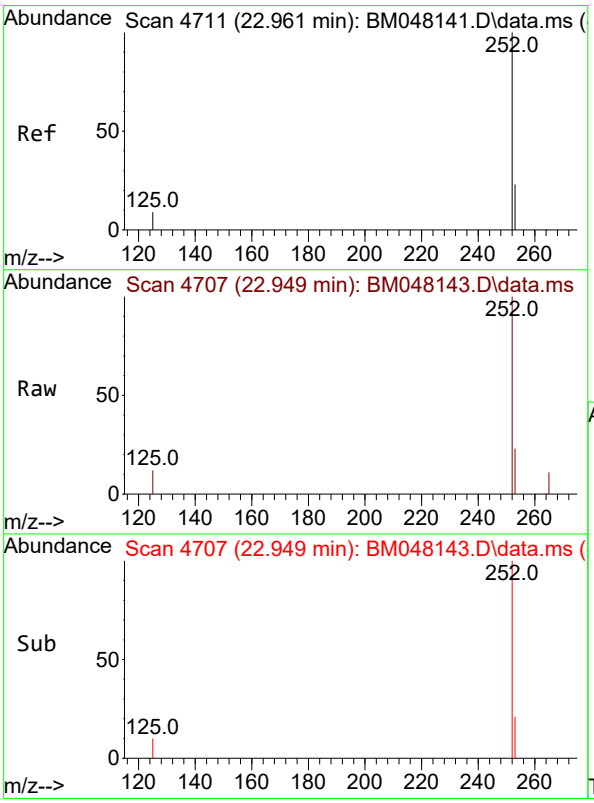
#24
Benzo(b)fluoranthene
Concen: 1.338 ng/ul
RT: 22.902 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:252 Resp: 96959

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	61.6
125	12.5	0.0	42.8

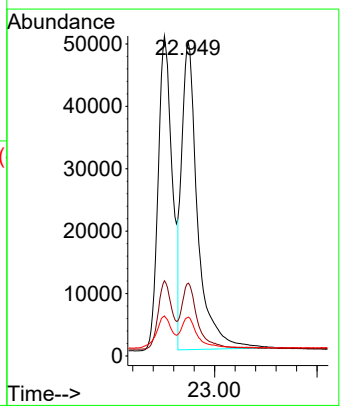


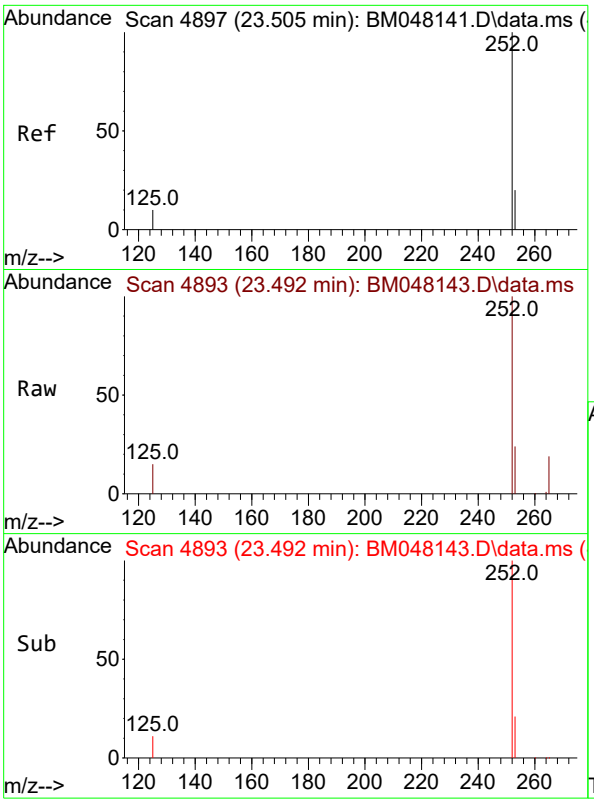


#25
Benzo(k)fluoranthene
Concen: 1.468 ng/ul
RT: 22.949 min Scan# 4707
Delta R.T. -0.012 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:252 Resp: 107052

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.4	36.6#
125	12.5	16.8	25.2#



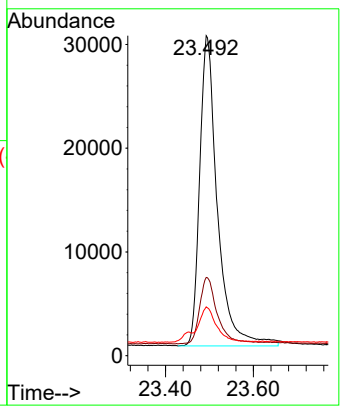


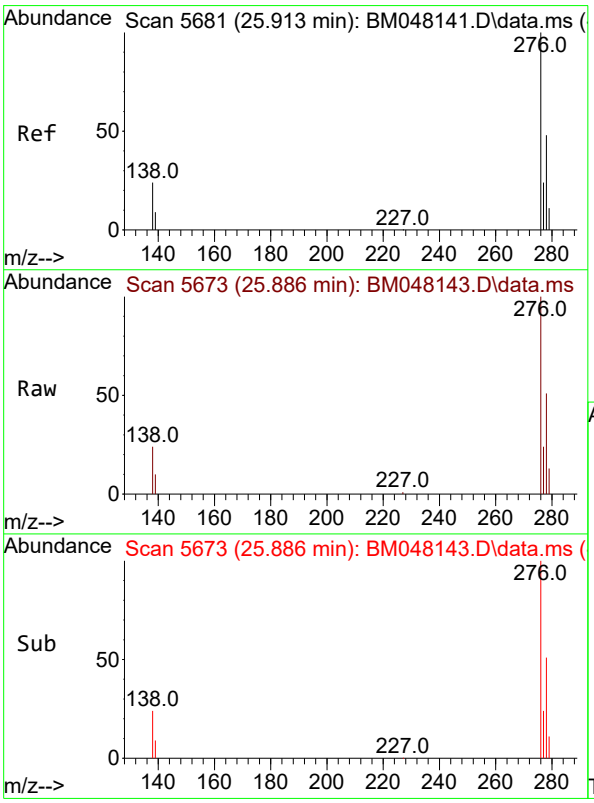
#26
Benzo(a)pyrene
Concen: 1.471 ng/ul
RT: 23.492 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:252 Resp: 84042

Ion	Ratio	Lower	Upper
252	100		
253	24.4	29.0	43.4#
125	15.2	24.4	36.6#

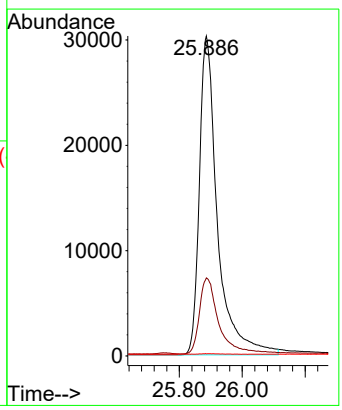


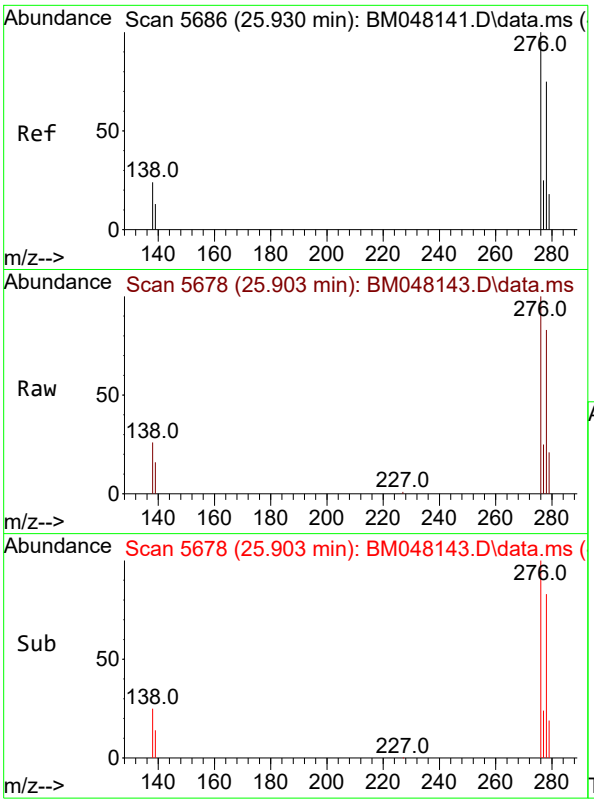


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.330 ng/ul
RT: 25.886 min Scan# 5673
Delta R.T. -0.027 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:276 Resp: 121009

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.2
227	0.1	0.0	0.0#



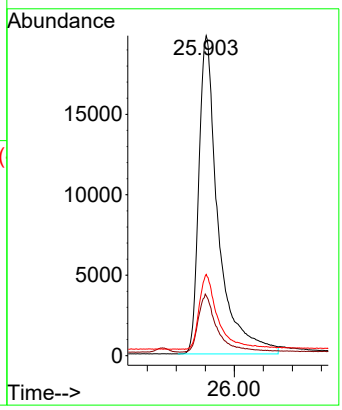


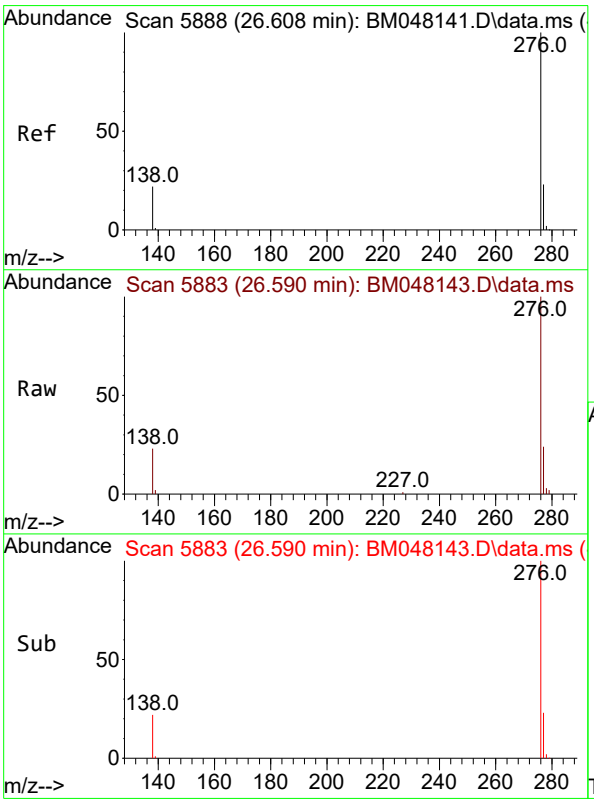
#28
Dibenzo(a,h)anthracene
Concen: 1.338 ng/ul
RT: 25.903 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:278 Resp: 91848

Ion	Ratio	Lower	Upper
278	100		
139	18.7	18.9	28.3#
279	25.4	27.6	41.4#





#29
Benzo(g,h,i)perylene
Concen: 1.345 ng/ul
RT: 26.590 min Scan# 5883
Delta R.T. -0.017 min
Lab File: BM048143.D
Acq: 18 Oct 2024 19:44

Tgt Ion:276 Resp: 98272

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.3	30.5
277	23.8	20.4	30.6