Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
Data File : BM041886.D
Acq On : 15 Sep 2023 15:01
Operator : MA/JU
Sample : SSTD3.241
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Quant Time: Sep 16 03:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 16 03:41:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7312	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9525	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	19998	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	11470	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	12492	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	27671	3.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	85715	3.411	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	153752	3.943	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	29416	3.109	ng/ul#	79
5) Naphthalene	10.840	128	200304	3.239	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	127805	3.396	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	128504	3.352	ng/ul	100
10) Acenaphthylene	14.342	152	221625	3.681	ng/ul	99
11) Acenaphthene	14.680	153	148488	3.291	ng/ul	98
12) Fluorene	15.665	166	172947	3.268	ng/ul	98
14) Pentachlorophenol	16.995	266	44817	3.973	ng/ul	100
15) Phenanthrene	17.409	178	269894	3.146	ng/ul	99
16) Anthracene	17.502	178	260912	3.441	ng/ul	98
19) Fluoranthene	19.422	202	302825	3.490	ng/ul	100
20) Pyrene	19.789	202	310234	3.416	ng/ul	99
21) Benzo(a)anthracene	21.524	228	246796	3.346	ng/ul	98
22) Chrysene	21.580	228	220281	2.961	ng/ul	98
24) Benzo(b)fluoranthene	23.217	252	237188	2.783	ng/ul	88
25) Benzo(k)fluoranthene	23.266	252	222045	2.819	ng/ul#	88
26) Benzo(a)pyrene	23.854	252	200792	3.053	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.468	276	264655	2.665	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.488	278	194396	2.650	ng/ul	91
29) Benzo(g,h,i)perylene	27.253	276	216427	2.592	ng/ul	95

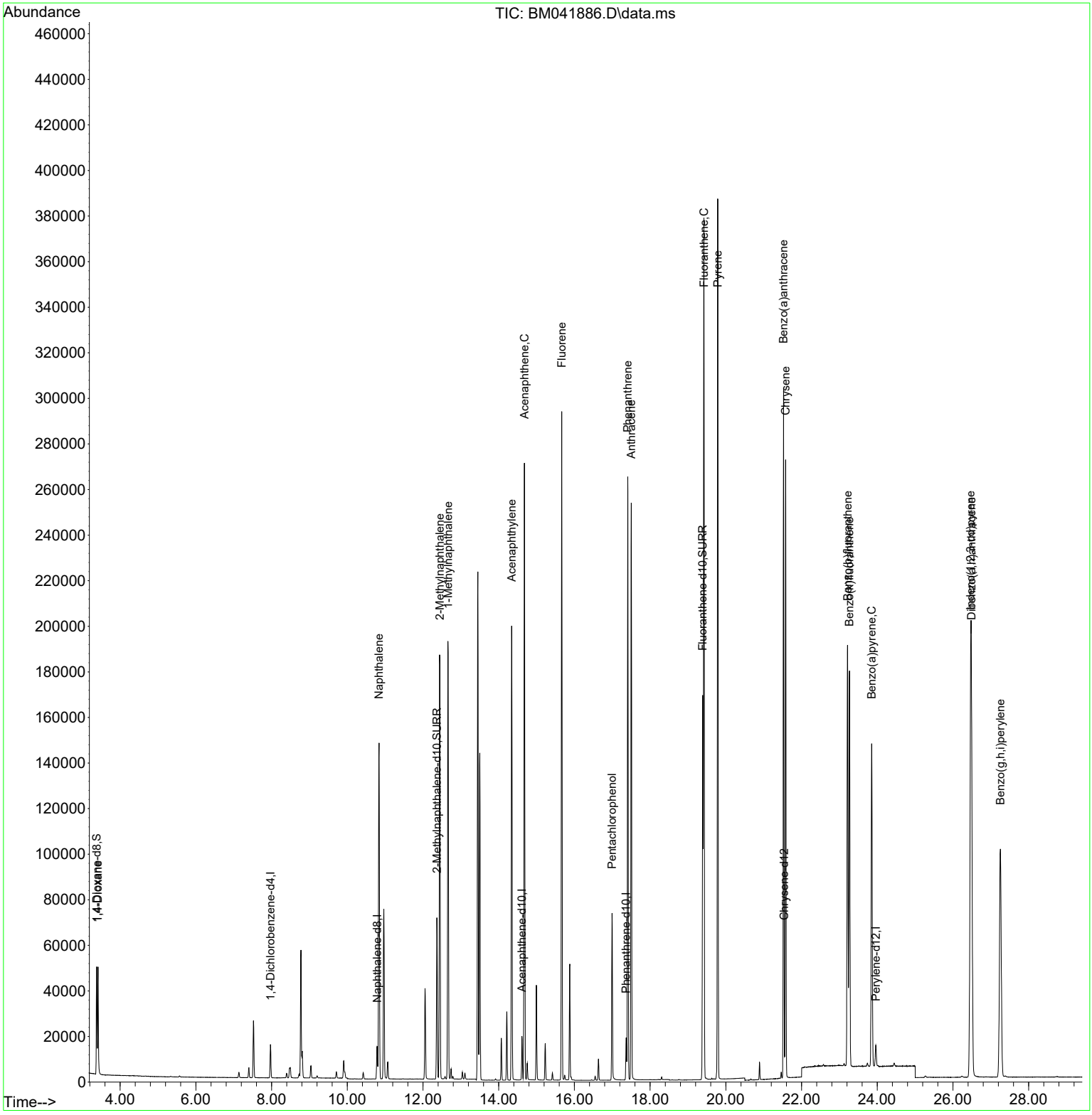
(#) = qualifier out of range (m) = manual integration (+) = signals summed

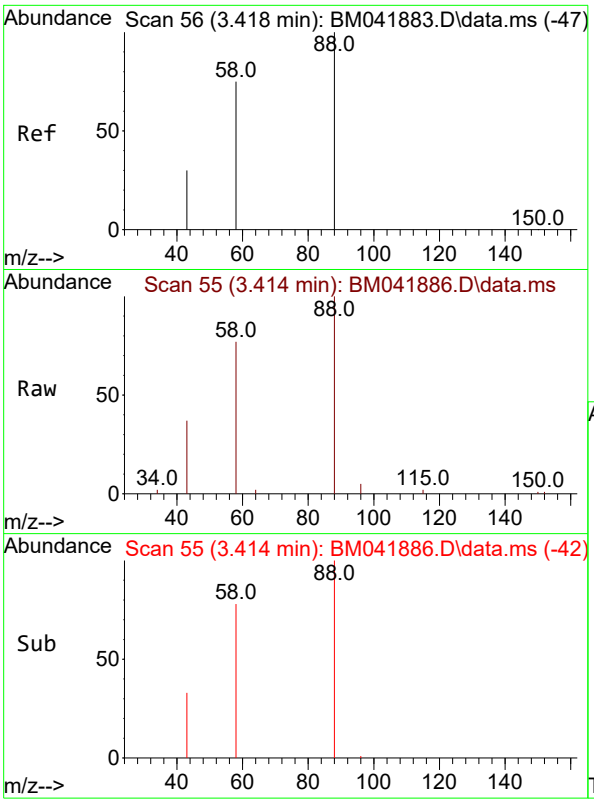
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
Data File : BM041886.D
Acq On : 15 Sep 2023 15:01
Operator : MA/JU
Sample : SSTD3.241
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Quant Time: Sep 16 03:44:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 16 03:41:42 2023
Response via : Initial Calibration



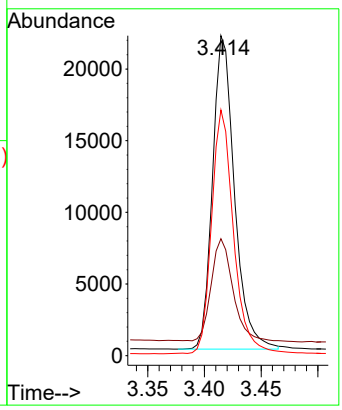


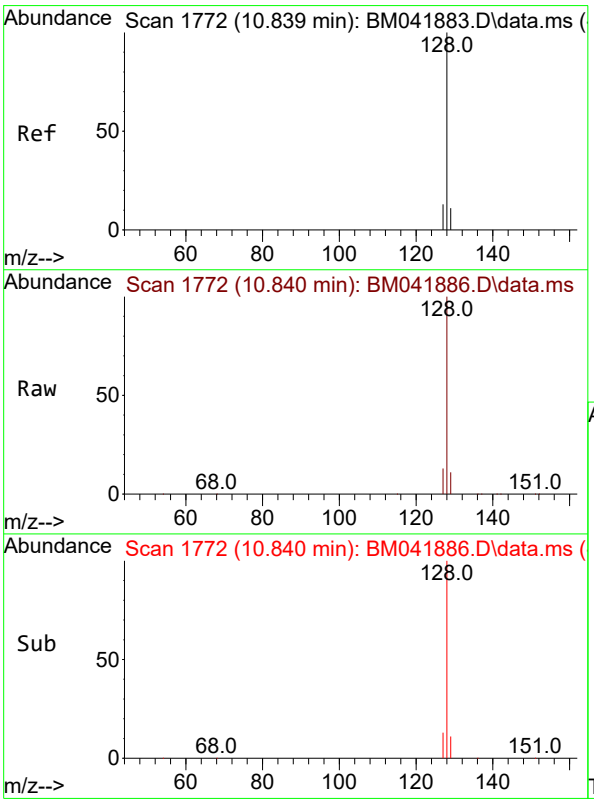
#2
1,4-Dioxane
Concen: 3.109 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion: 88 Resp: 29416

Ion	Ratio	Lower	Upper
88	100		
43	36.6	51.0	76.4#
58	76.8	56.2	84.4

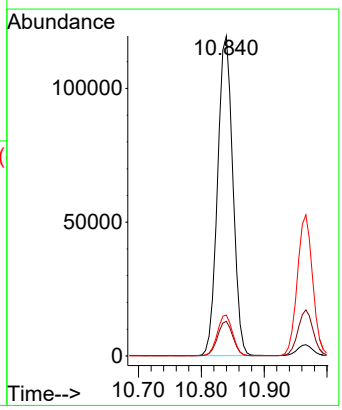


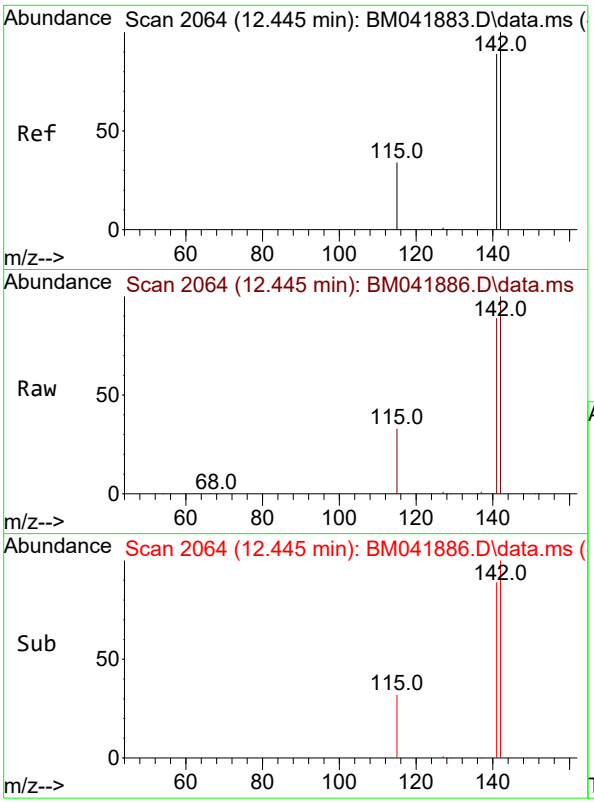


#5
Naphthalene
Concen: 3.239 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:128 Resp: 200304

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.8	10.6	16.0



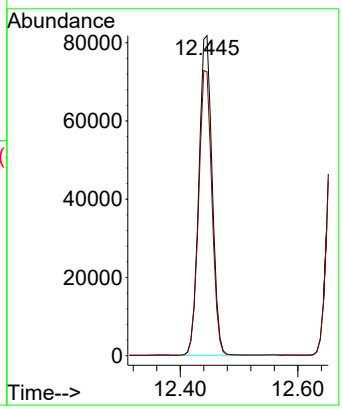


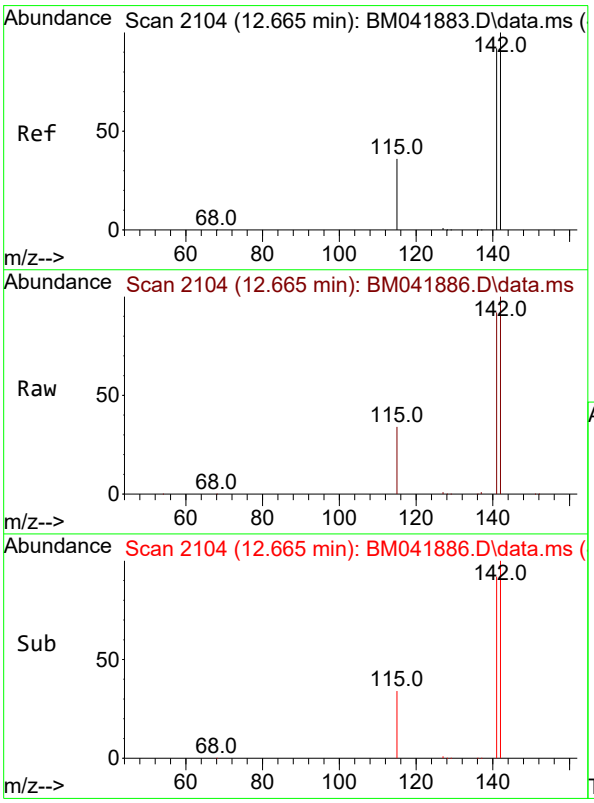
#7
2-Methylnaphthalene
Concen: 3.396 ng/ul
RT: 12.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:142 Resp: 127805

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7

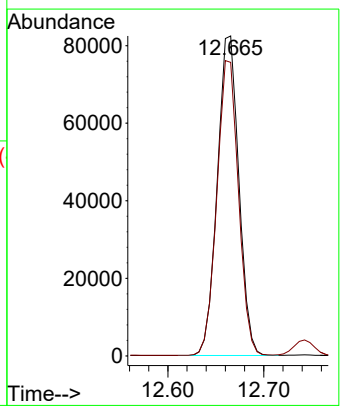


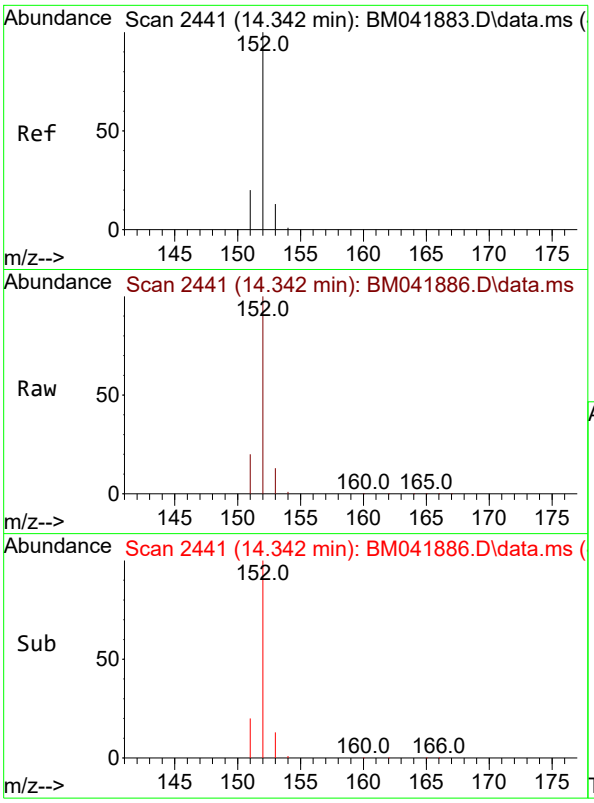


#8
1-Methylnaphthalene
Concen: 3.352 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:142 Resp: 128504

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9



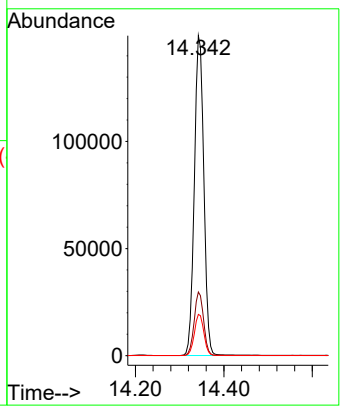


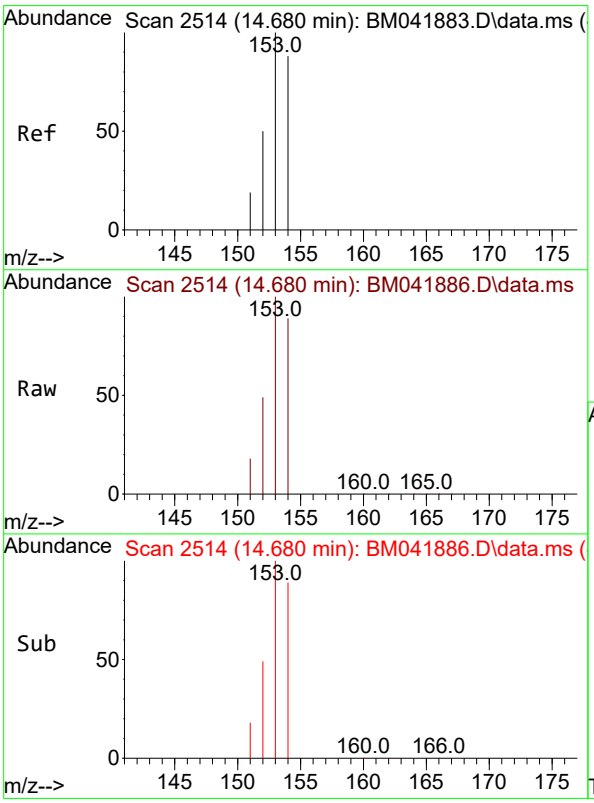
#10
Acenaphthylene
Concen: 3.681 ng/ul
RT: 14.342 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:152 Resp: 221625

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	12.9	10.6	16.0

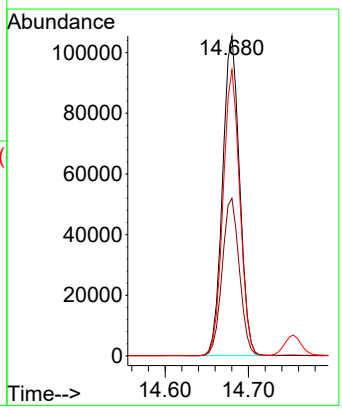


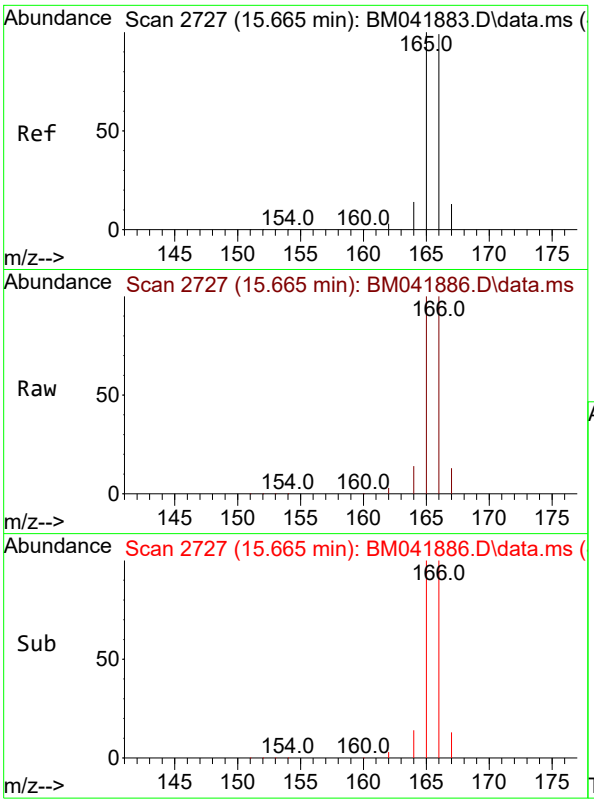


#11
Acenaphthene
Concen: 3.291 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:153 Resp: 148488

Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.5	60.7
154	89.4	70.2	105.4



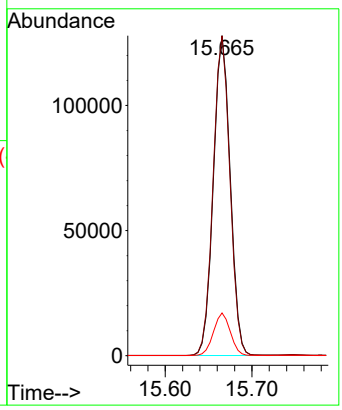


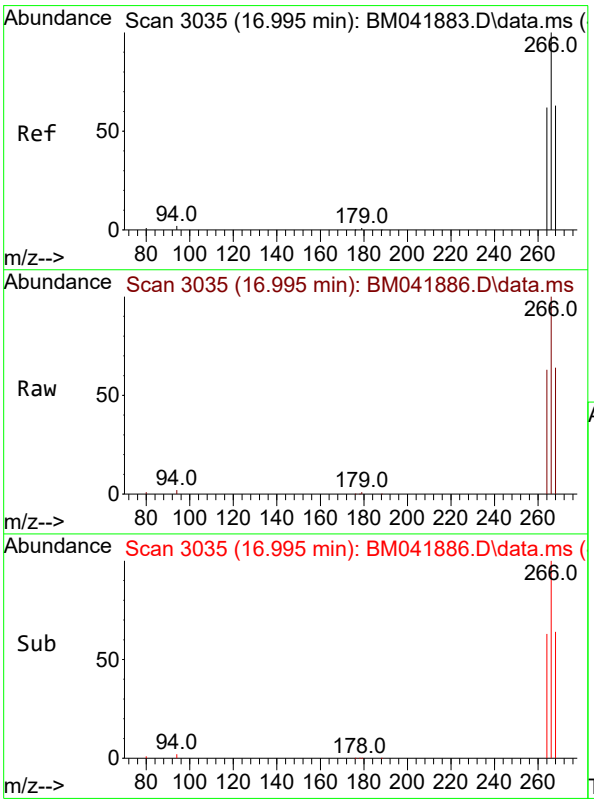
#12
Fluorene
Concen: 3.268 ng/ul
RT: 15.665 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:166 Resp: 172947

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.4	122.0
167	13.3	11.0	16.6

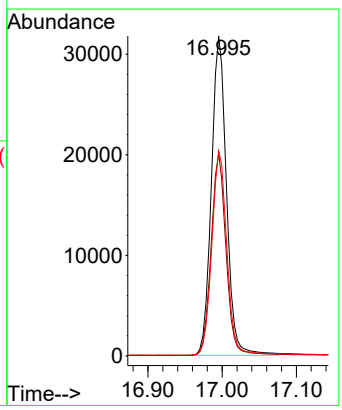


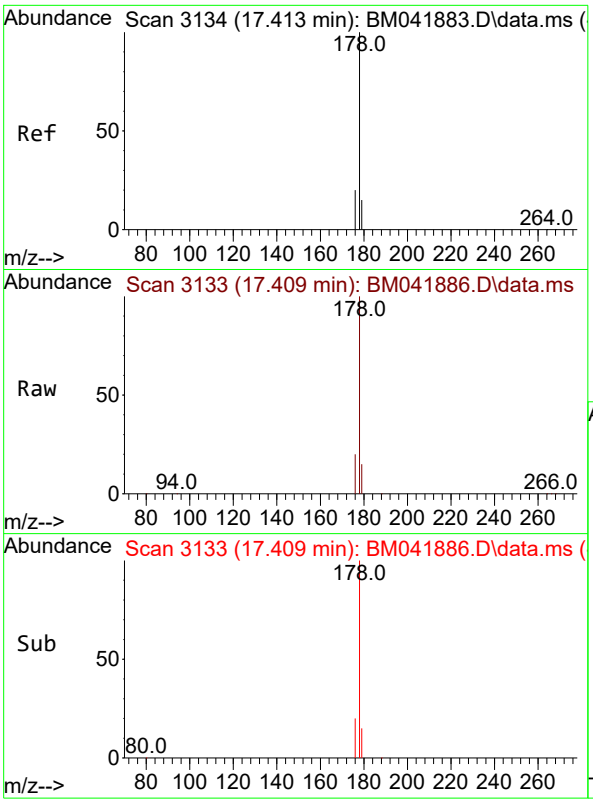


#14
Pentachlorophenol
Concen: 3.973 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:266 Resp: 44817

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.8
268	63.9	51.3	76.9



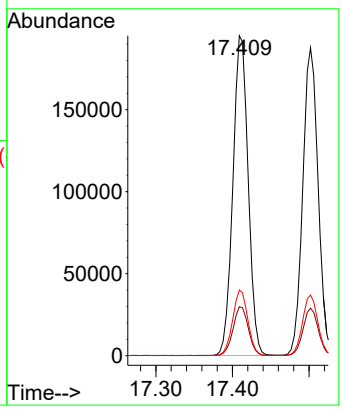


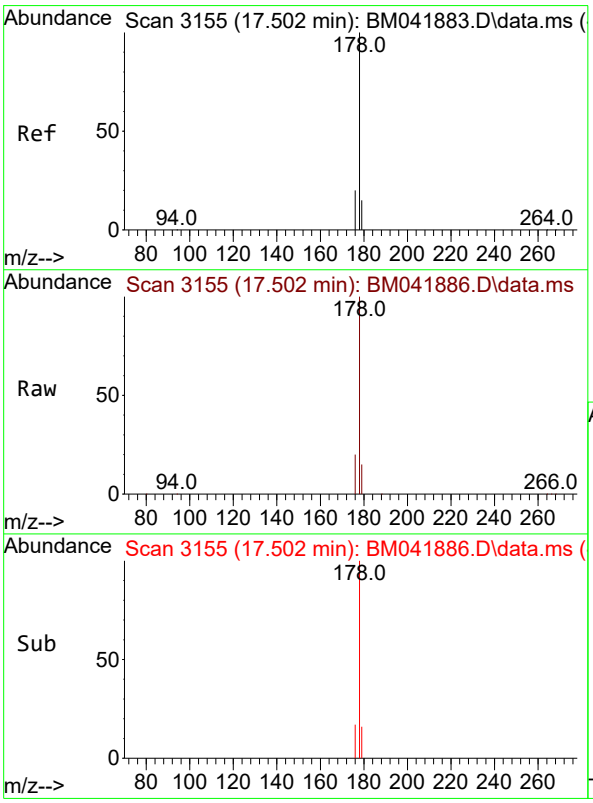
#15
Phenanthrene
Concen: 3.146 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:178 Resp: 269894

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	20.5	16.1	24.1

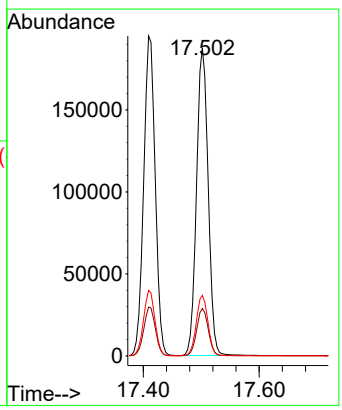


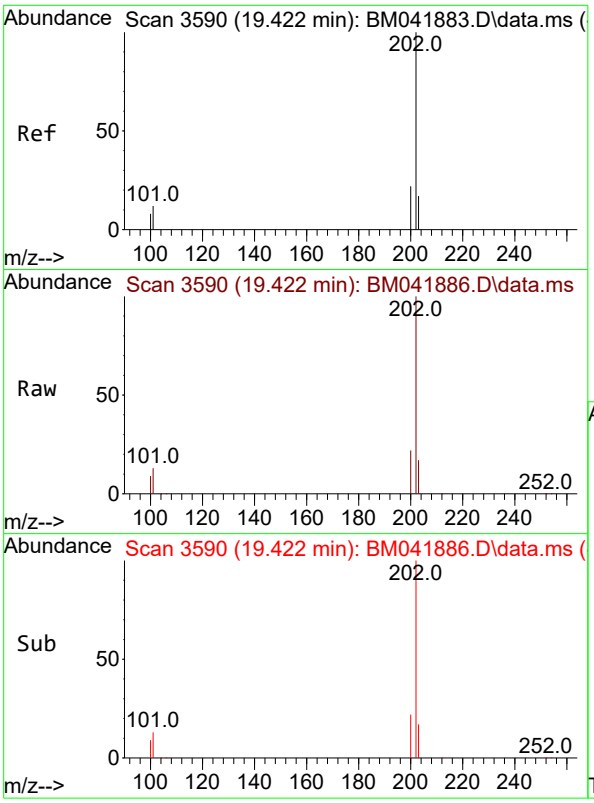


#16
Anthracene
Concen: 3.441 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:178 Resp: 260912

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.7	16.3	24.5



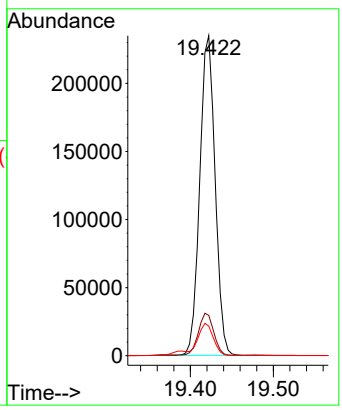


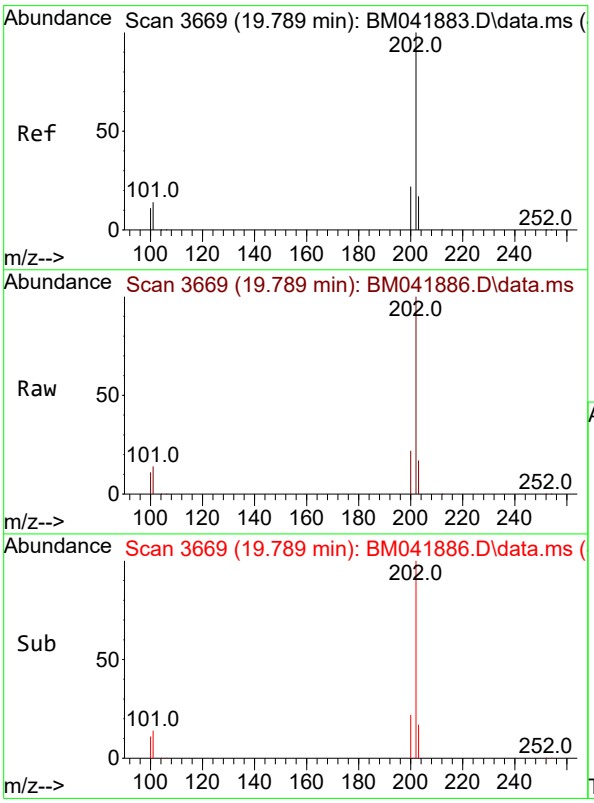
#19
Fluoranthene
Concen: 3.490 ng/ul
RT: 19.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:202 Resp: 302825

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.2	7.5	11.3

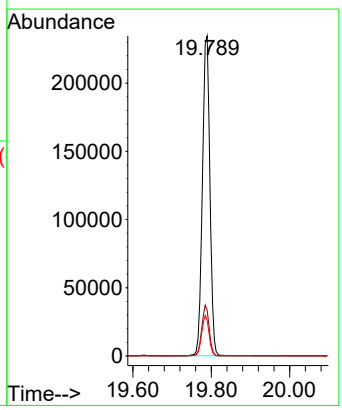


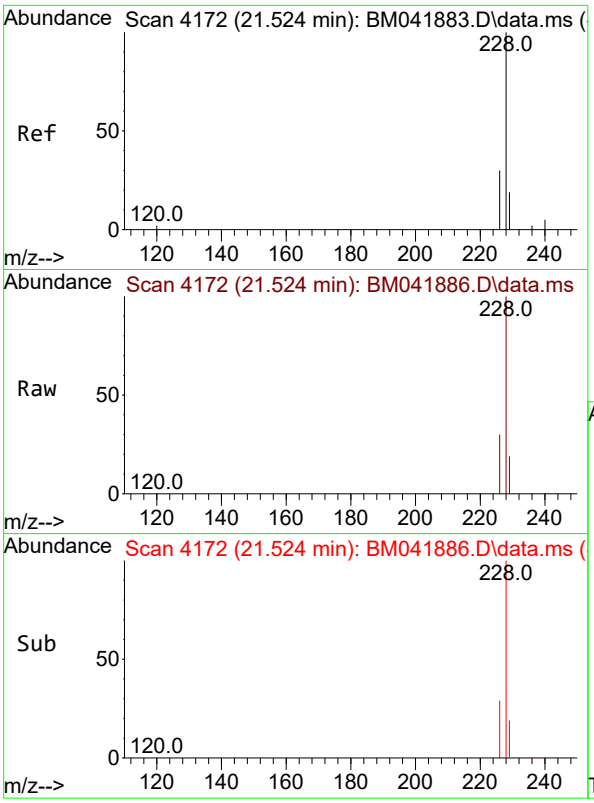


#20
Pyrene
Concen: 3.416 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:202 Resp: 310234

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.8	17.6
100	11.2	9.3	13.9



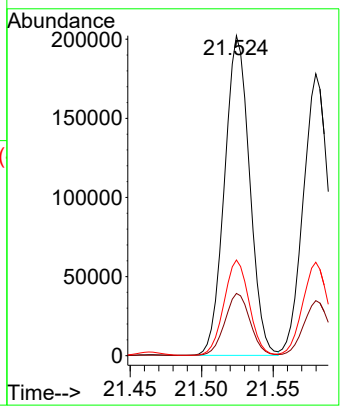


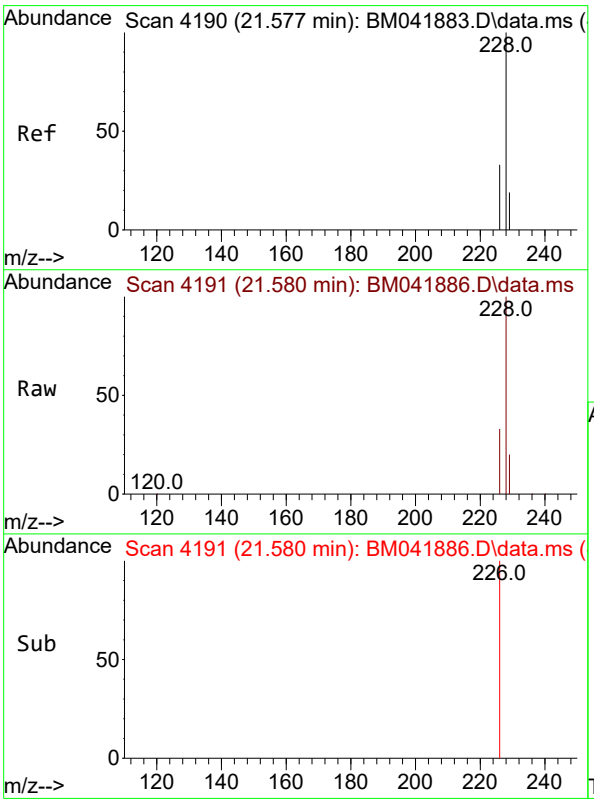
#21
Benzo(a)anthracene
Concen: 3.346 ng/ul
RT: 21.524 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:228 Resp: 246796

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.6	24.8
226	29.9	24.6	37.0

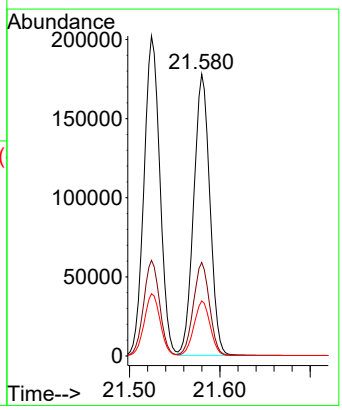


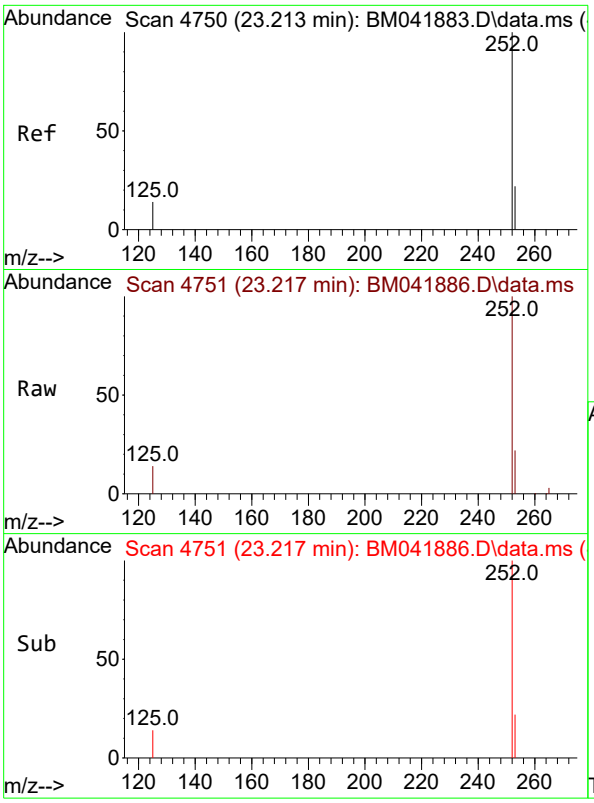


#22
Chrysene
Concen: 2.961 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:228 Resp: 220281

Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.3	40.9
229	19.5	16.6	25.0



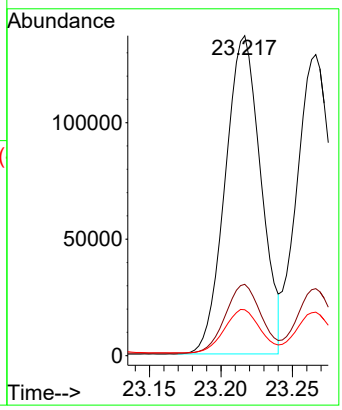


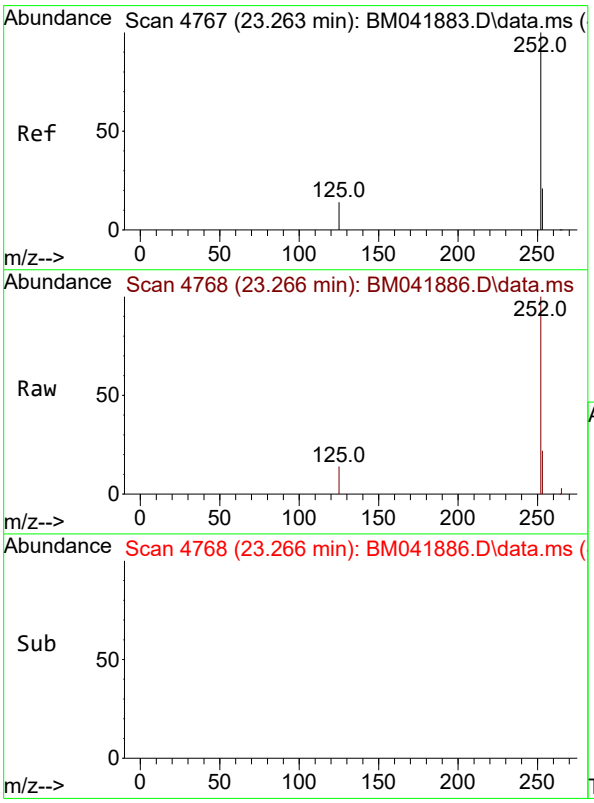
#24
Benzo(b)fluoranthene
Concen: 2.783 ng/ul
RT: 23.217 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 237188

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	54.6
125	14.4	0.0	43.0

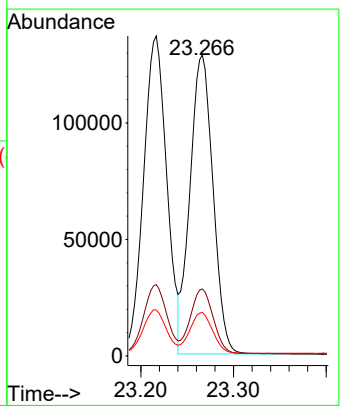


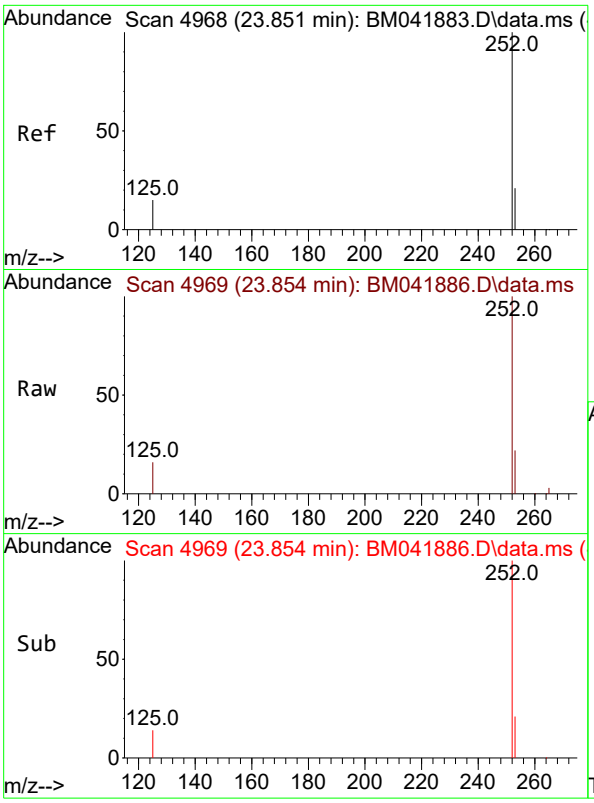


#25
Benzo(k)fluoranthene
Concen: 2.819 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.003 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:252 Resp: 222045

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.8	32.8
125	14.4	17.4	26.2#



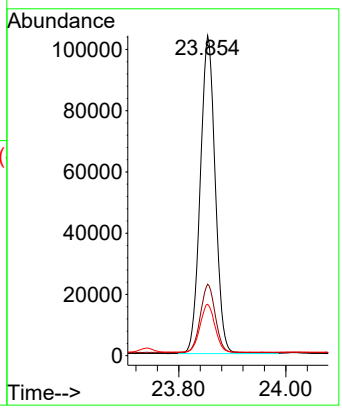


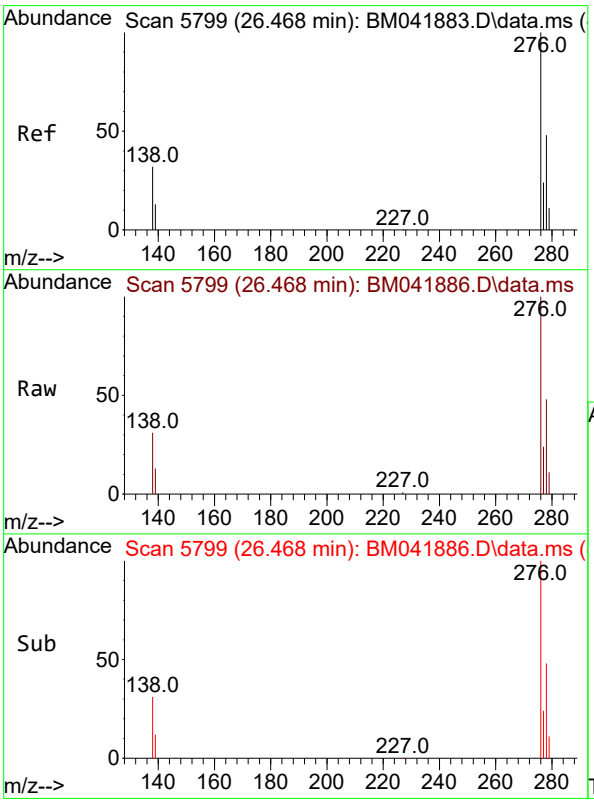
#26
Benzo(a)pyrene
Concen: 3.053 ng/ul
RT: 23.854 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:252 Resp: 200792

Ion	Ratio	Lower	Upper
252	100		
253	22.4	23.0	34.4#
125	16.0	19.9	29.9#

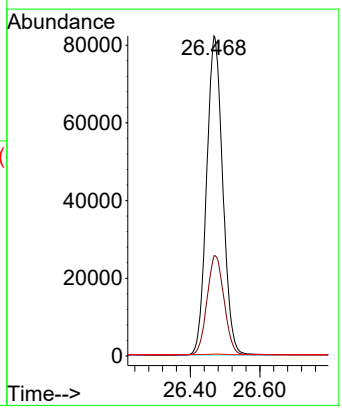


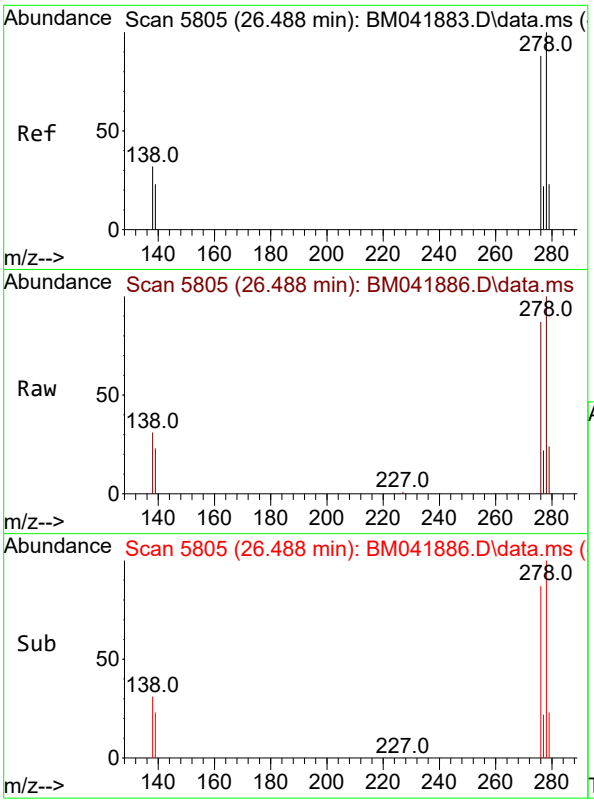


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.665 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:276 Resp: 264655

Ion	Ratio	Lower	Upper
276	100		
138	33.1	26.7	40.1
227	0.2	0.0	0.0#



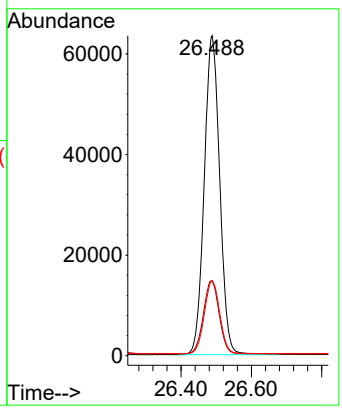


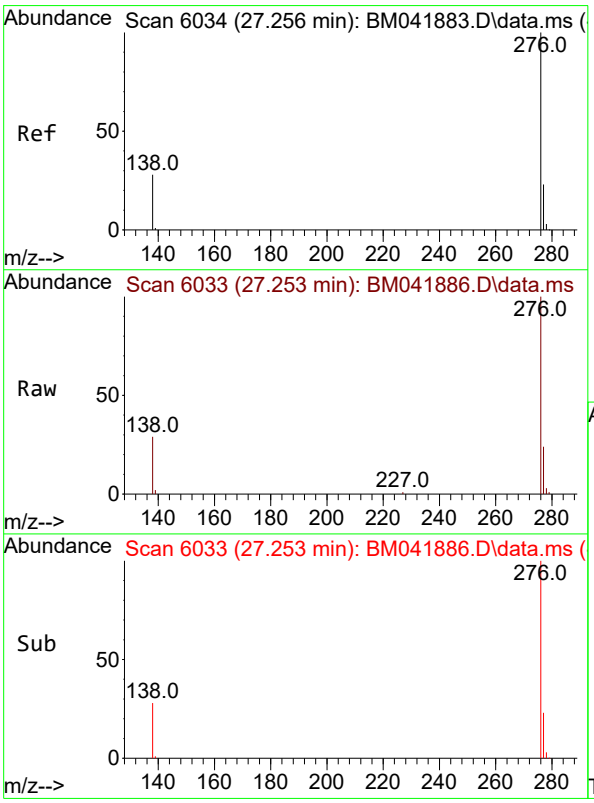
#28
Dibenzo(a,h)anthracene
Concen: 2.650 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:278 Resp: 194396

Ion	Ratio	Lower	Upper
278	100		
139	23.3	22.6	33.8
279	23.5	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 2.592 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. -0.003 min
Lab File: BM041886.D
Acq: 15 Sep 2023 15:01

Tgt Ion:276 Resp: 216427

Ion	Ratio	Lower	Upper
276	100		
138	28.8	24.9	37.3
277	23.6	21.4	32.0