Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
Data File : BM047072.D
Acq On : 08 Aug 2024 02:02
Operator : RC/JU
Sample : SSTD0.483
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Quant Time: Aug 08 05:40:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 05:39:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.397	152	6794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.151	136	21516	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.050	164	12285	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.809	188	25688	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	19720	0.400	ng/ul	0.00
23) Perylene-d12	23.128	264	18391	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.026	96	2835	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.751	152	12627	0.369	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	22117	0.344	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	3151	0.579	ng/ul	100
5) Naphthalene	10.201	128	21903	0.402	ng/ul	100
7) 2-Methylnaphthalene	11.828	142	14506	0.387	ng/ul	100
8) 1-Methylnaphthalene	12.054	142	15113	0.391	ng/ul	100
10) Acenaphthylene	13.763	152	22918	0.407	ng/ul	100
11) Acenaphthene	14.110	153	15617	0.409	ng/ul	100
12) Fluorene	15.109	166	18367	0.385	ng/ul	100
14) Pentachlorophenol	16.471	266	3088	0.266	ng/ul	95
15) Phenanthrene	16.847	178	28137	0.381	ng/ul	100
16) Anthracene	16.940	178	25152	0.366	ng/ul	100
19) Fluoranthene	18.882	202	30458	0.352	ng/ul	100
20) Pyrene	19.245	202	31872	0.356	ng/ul	100
21) Benzo(a)anthracene	21.009	228	26848	0.327	ng/ul	100
22) Chrysene	21.062	228	28322	0.339	ng/ul	100
24) Benzo(b)fluoranthene	22.505	252	27359	0.339	ng/ul	100
25) Benzo(k)fluoranthene	22.549	252	28087	0.345	ng/ul	100
26) Benzo(a)pyrene	23.034	252	21980	0.379	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.193	276	32276	0.362	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.210	278	25127	0.385	ng/ul	100
29) Benzo(g,h,i)perylene	25.820	276	26748	0.340	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
Data File : BM047072.D
Acq On : 08 Aug 2024 02:02
Operator : RC/JU
Sample : SSTD0.483
Misc :
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Instrument :
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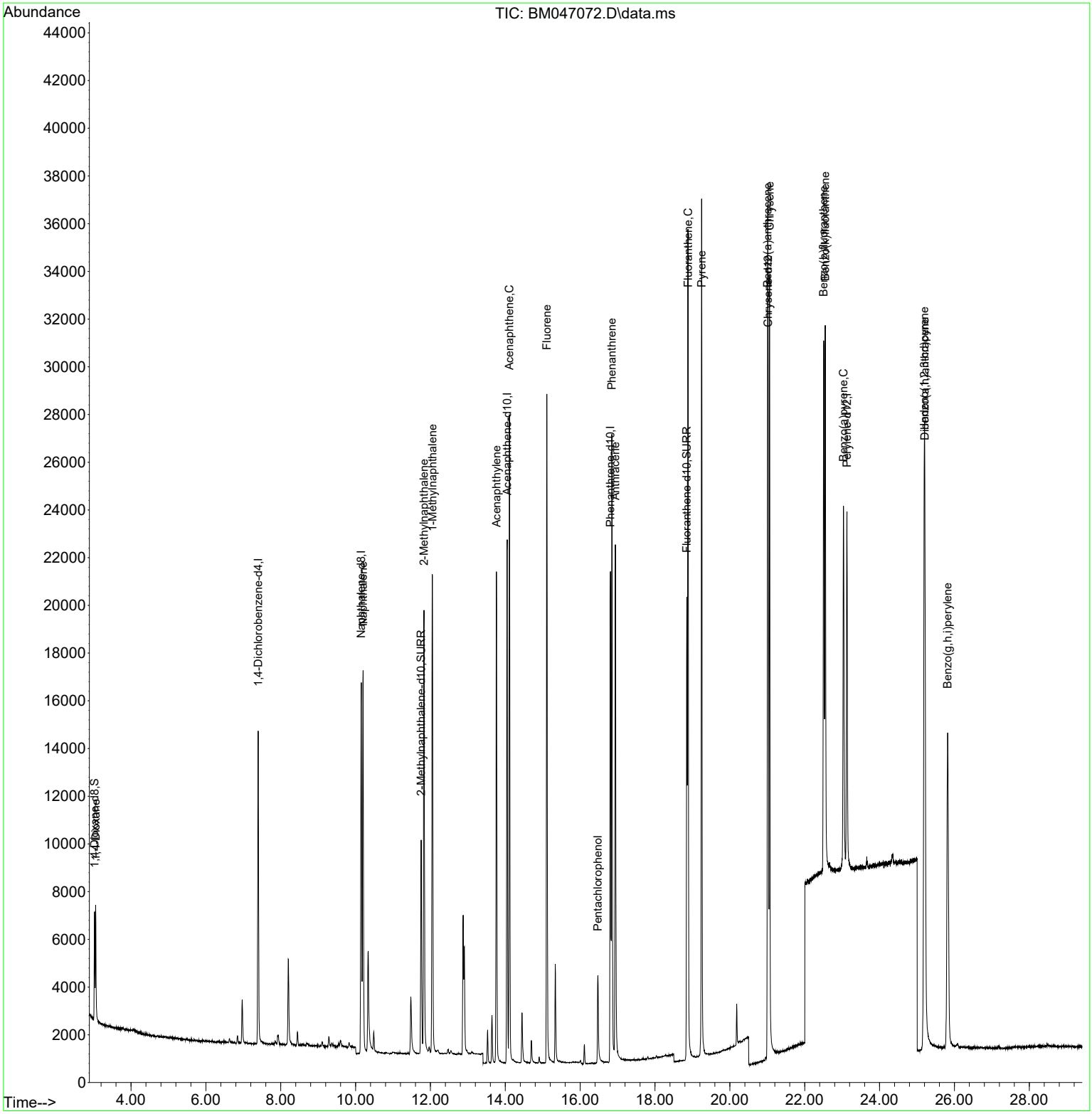
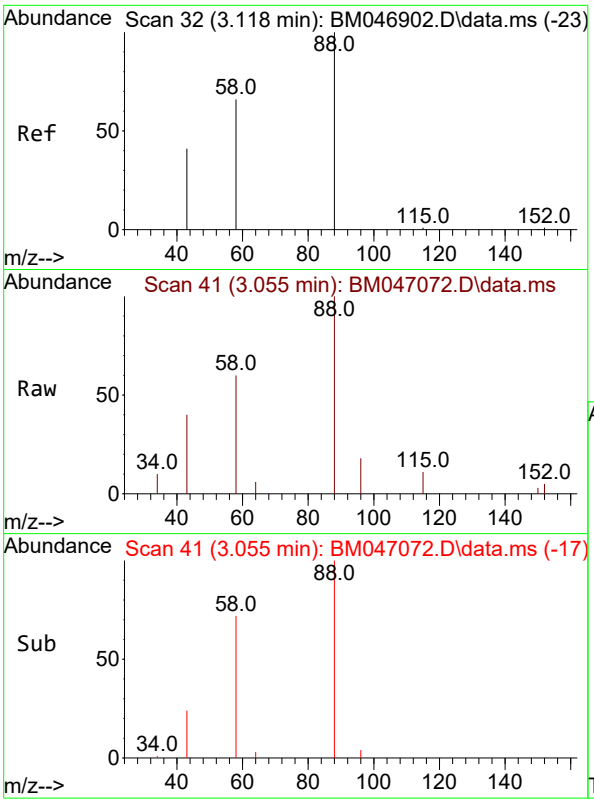
ClientSampleId :
SSTD0.4003

Quant Time: Aug 08 05:40:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 05:39:24 2024
Response via : Initial Calibration



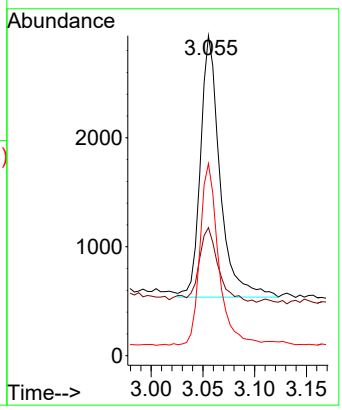


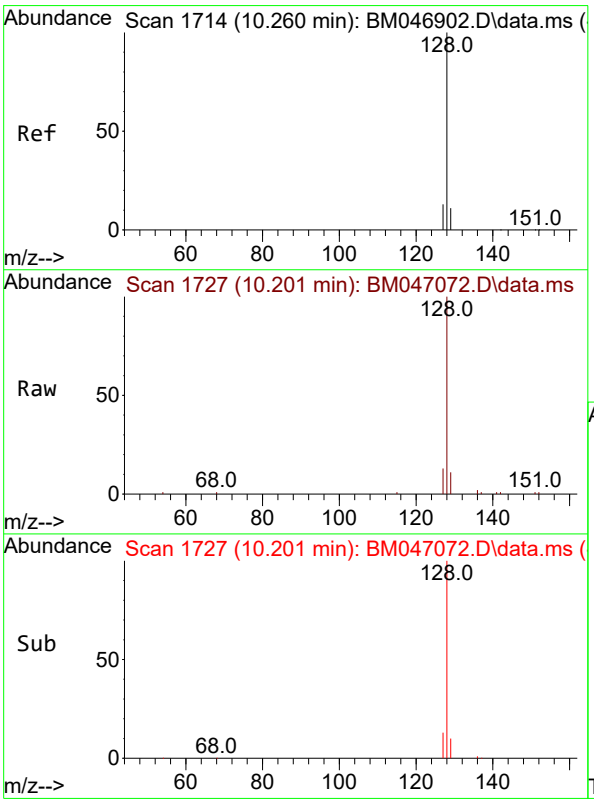
#2
1,4-Dioxane
Concen: 0.579 ng/ul
RT: 3.055 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion: 88 Resp: 3151

Ion	Ratio	Lower	Upper
88	100		
43	40.0	32.0	48.0
58	60.1	48.1	72.1

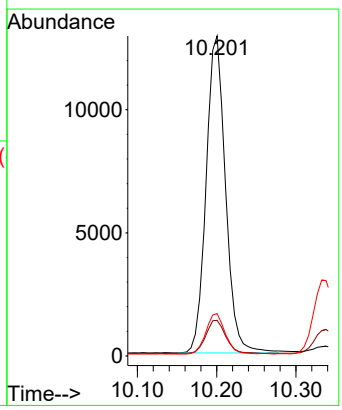


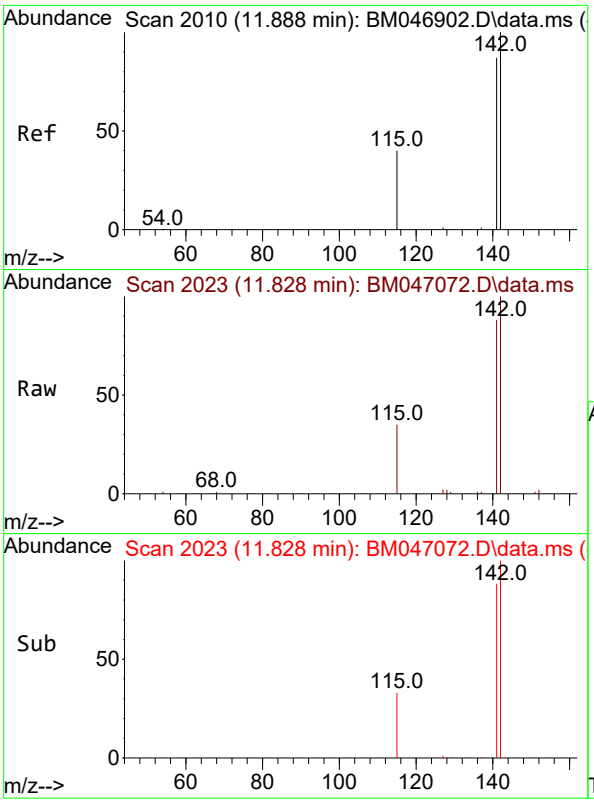


#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.201 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:128 Resp: 21903

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	15.8



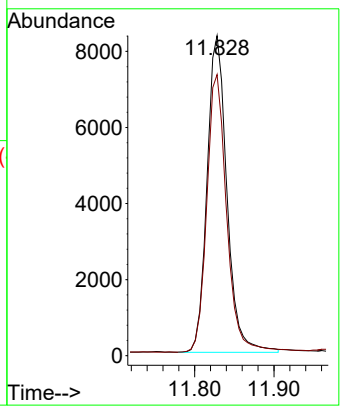


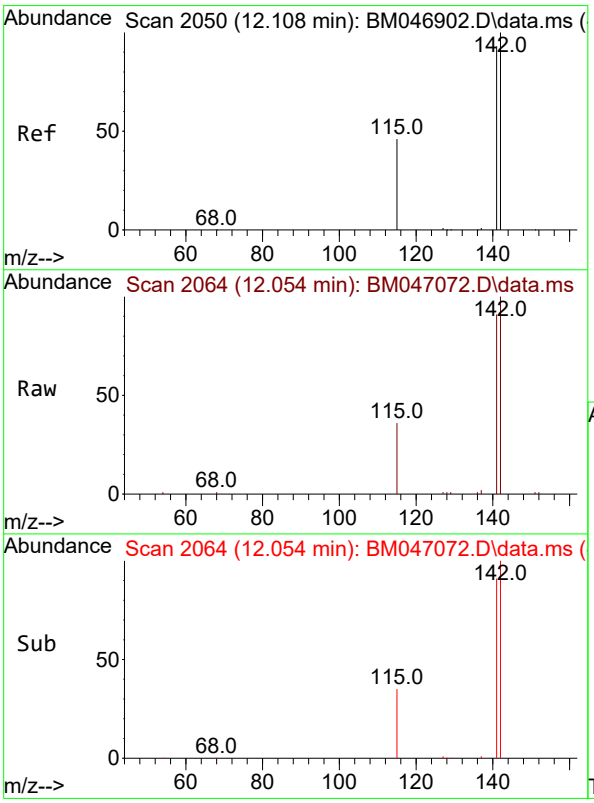
#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 11.828 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:142 Resp: 14506

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0

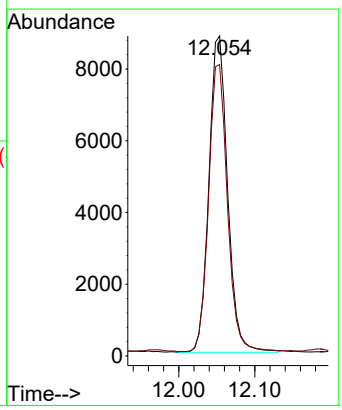


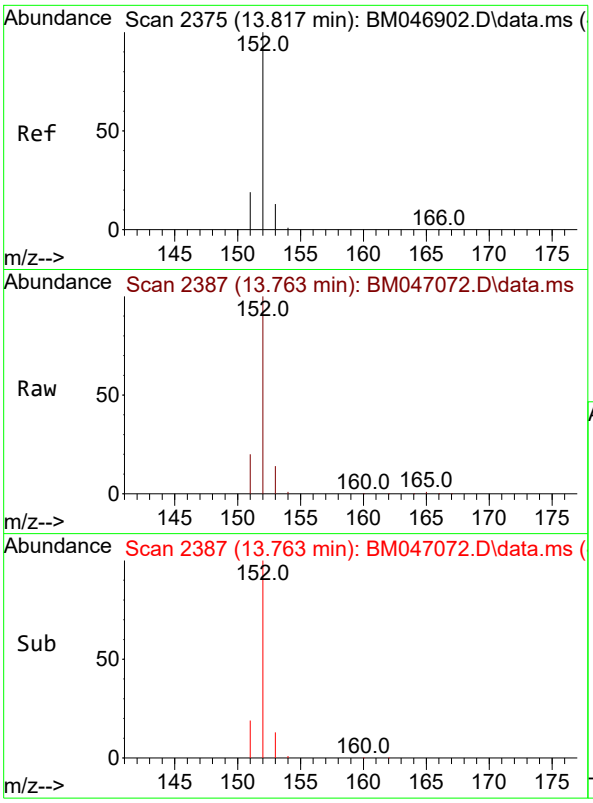


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.054 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:142 Resp: 15113

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0



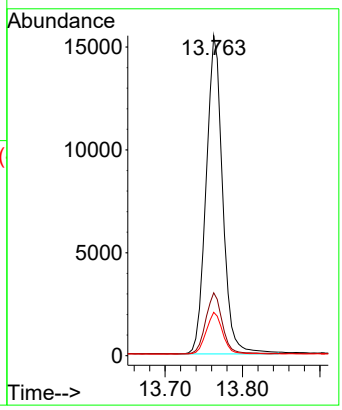


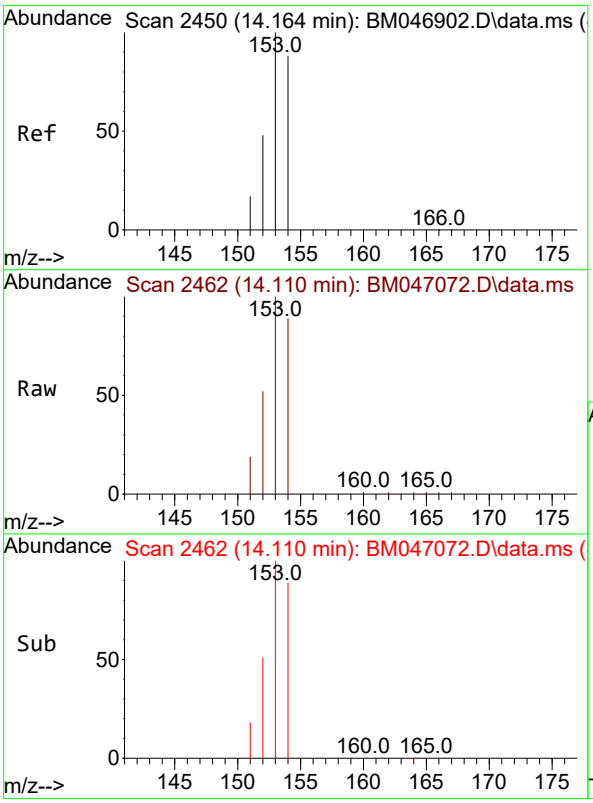
#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.763 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:152 Resp: 22918

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.5	10.8	16.2

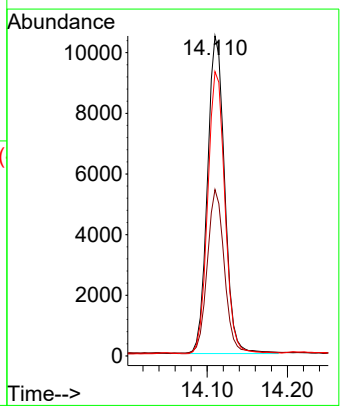


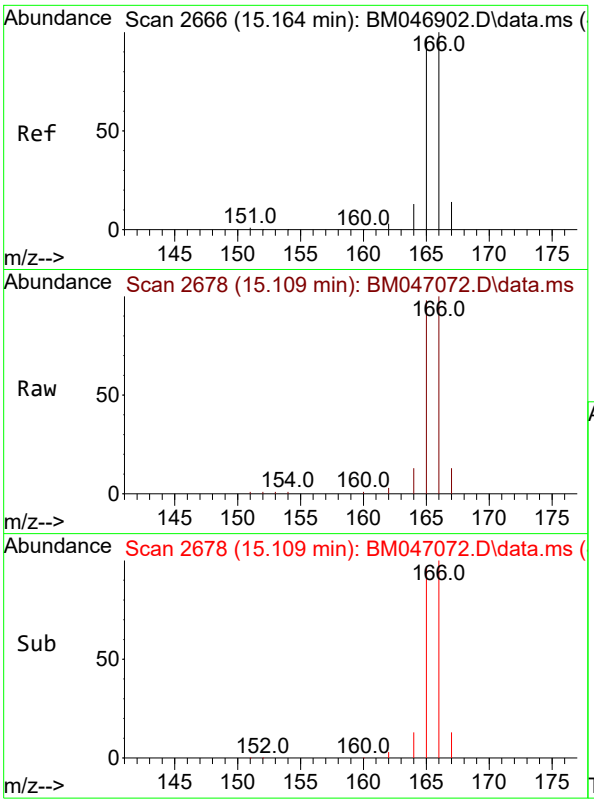


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.110 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:153 Resp: 15617

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.6	62.4
154	88.9	71.1	106.7



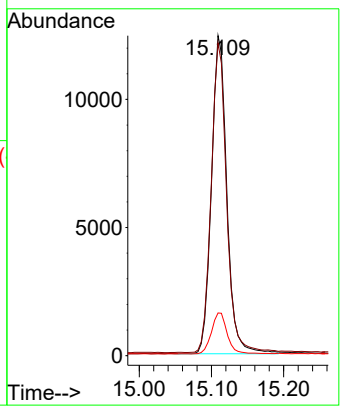


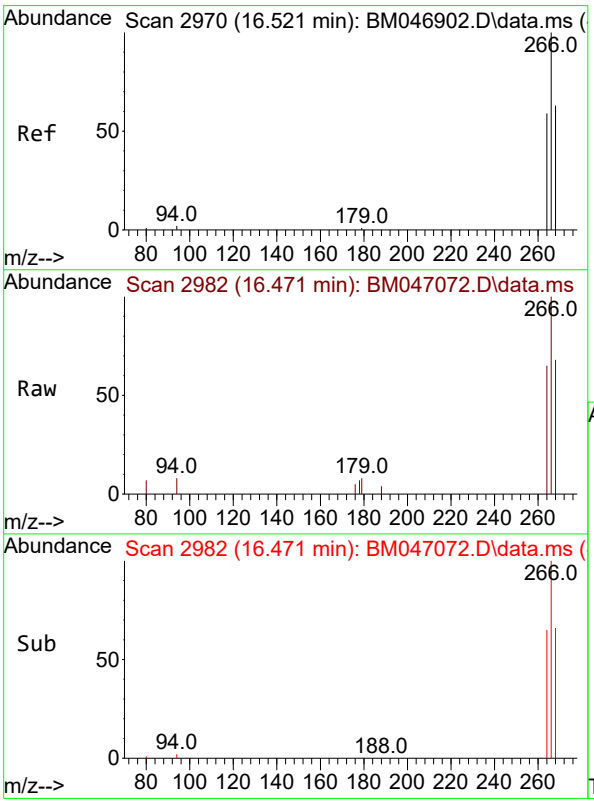
#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:166 Resp: 18367

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	13.4	10.7	16.1

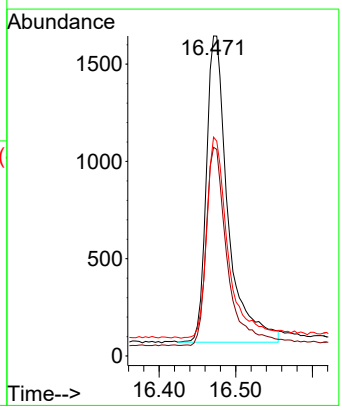


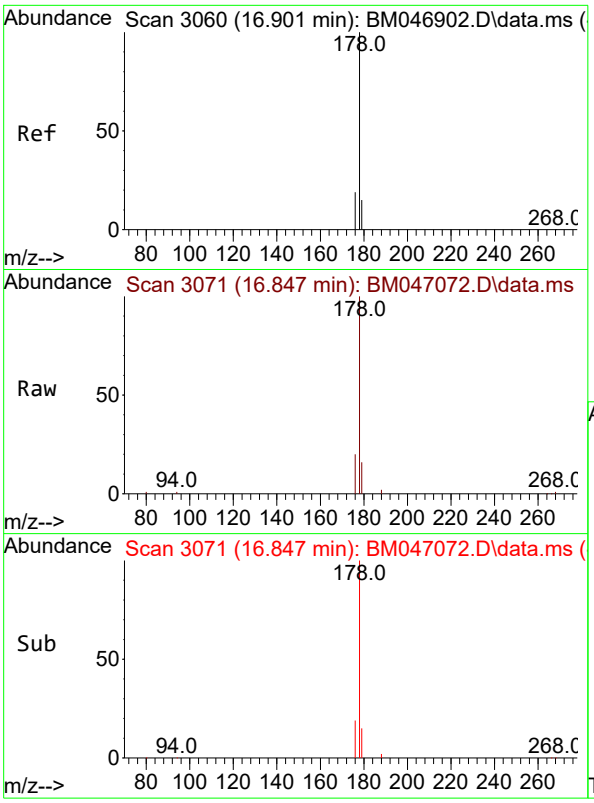


#14
Pentachlorophenol
Concen: 0.266 ng/ul
RT: 16.471 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:266 Resp: 3088

Ion	Ratio	Lower	Upper
266	100		
264	63.0	47.2	70.8
268	64.3	48.2	72.4



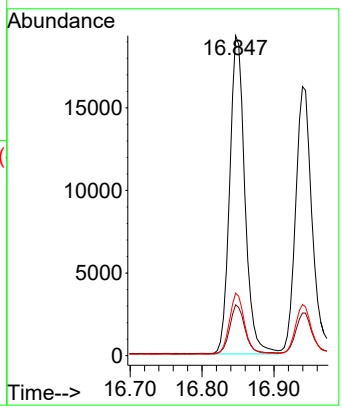


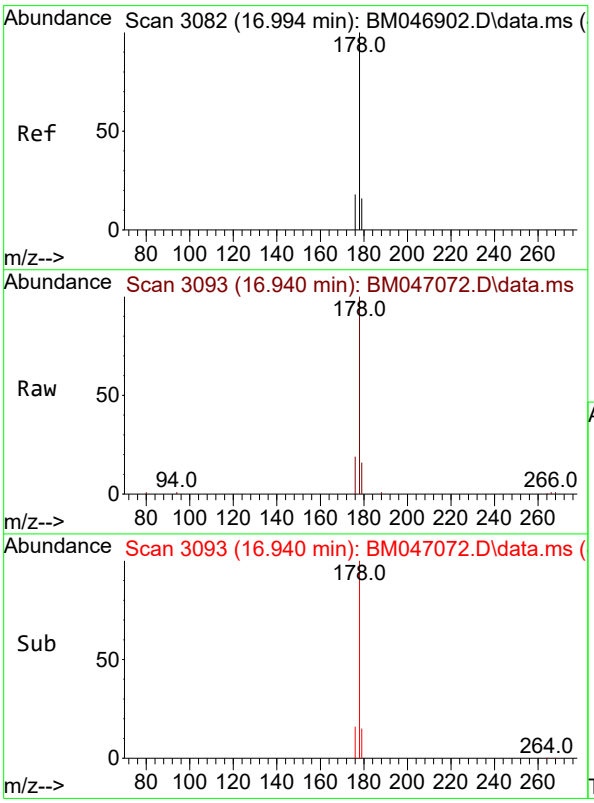
#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 16.847 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:178 Resp: 28137

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.6	15.7	23.5

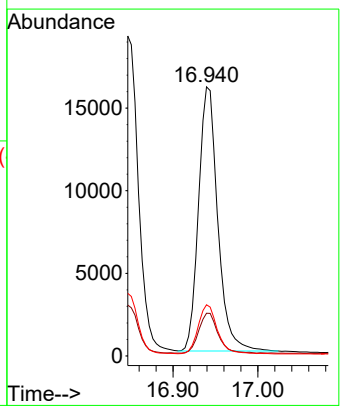


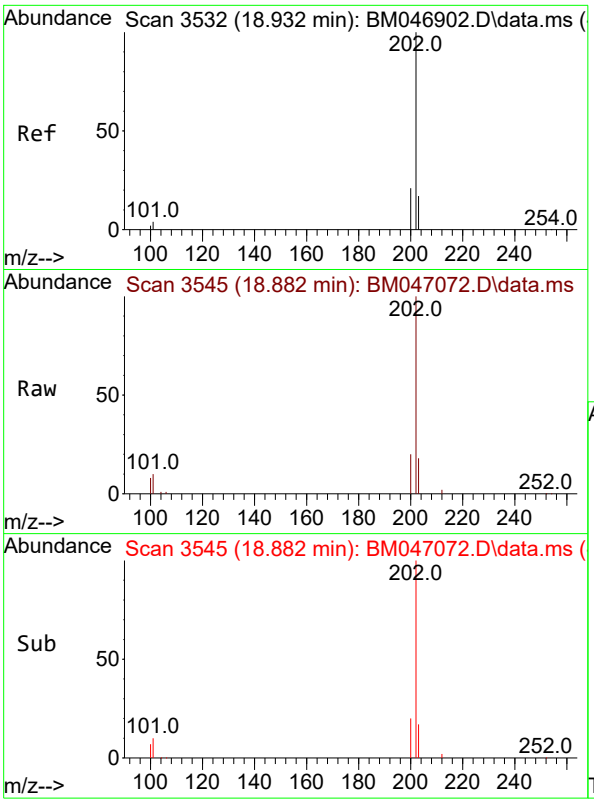


#16
Anthracene
Concen: 0.366 ng/ul
RT: 16.940 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:178 Resp: 25152

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.0	15.2	22.8



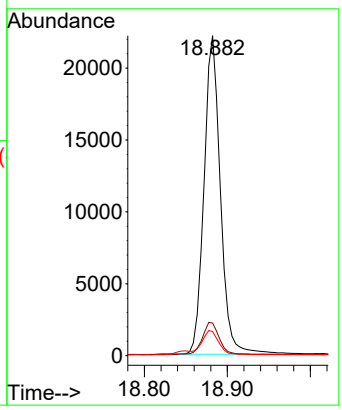


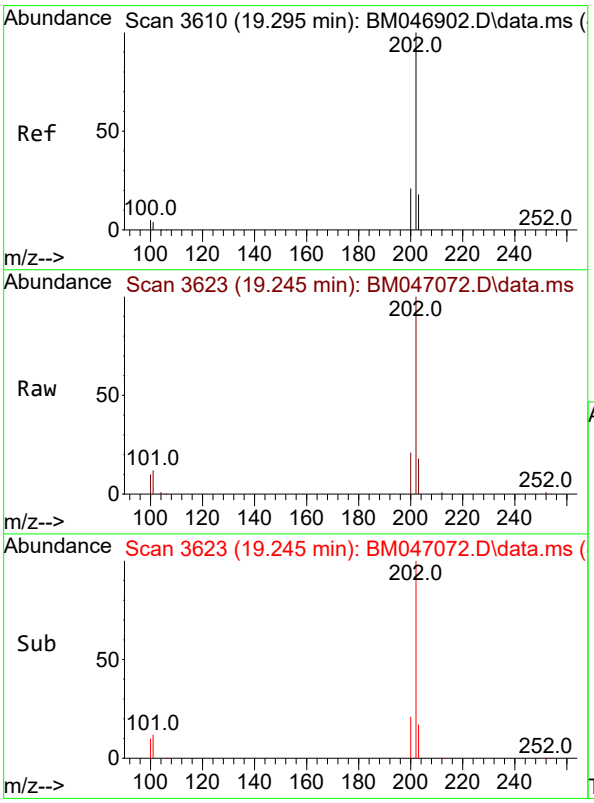
#19
Fluoranthene
Concen: 0.352 ng/ul
RT: 18.882 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:202 Resp: 30458

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
100	7.5	6.0	9.0

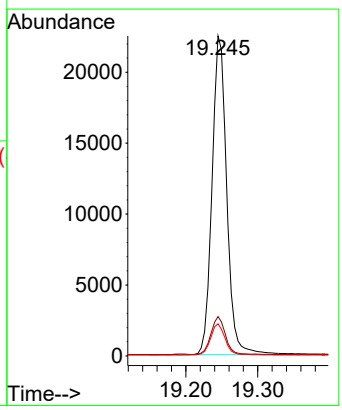


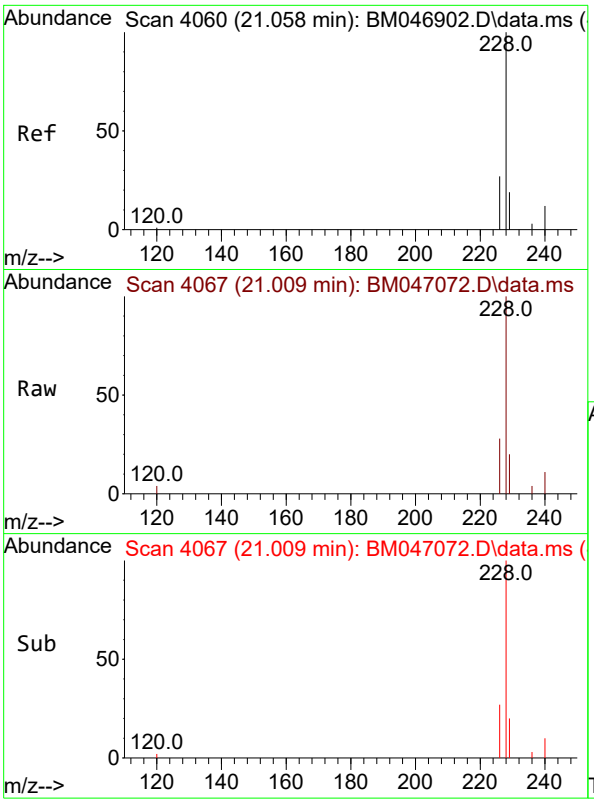


#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.245 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:202 Resp: 31872

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.0	8.0	12.0



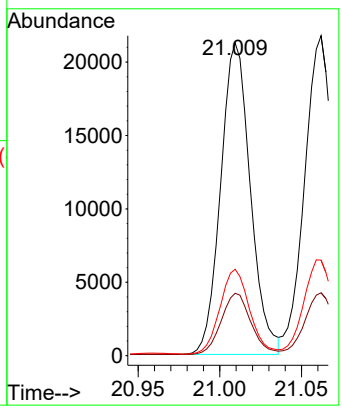


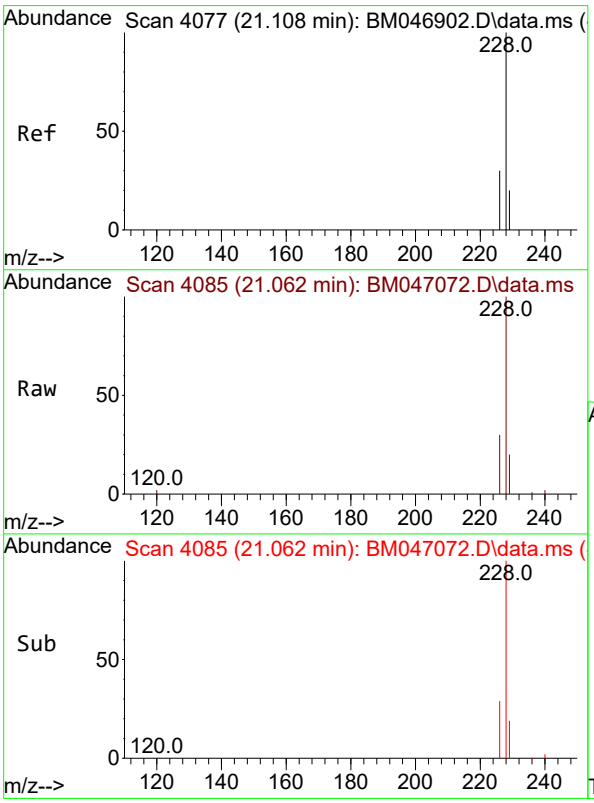
#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.009 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:228 Resp: 26848

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.6	22.1	33.1

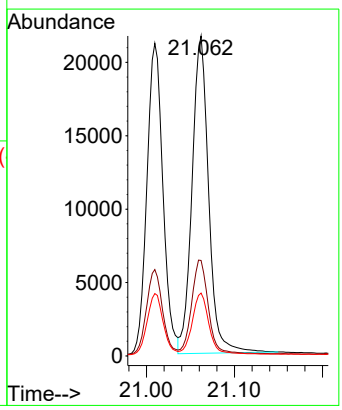


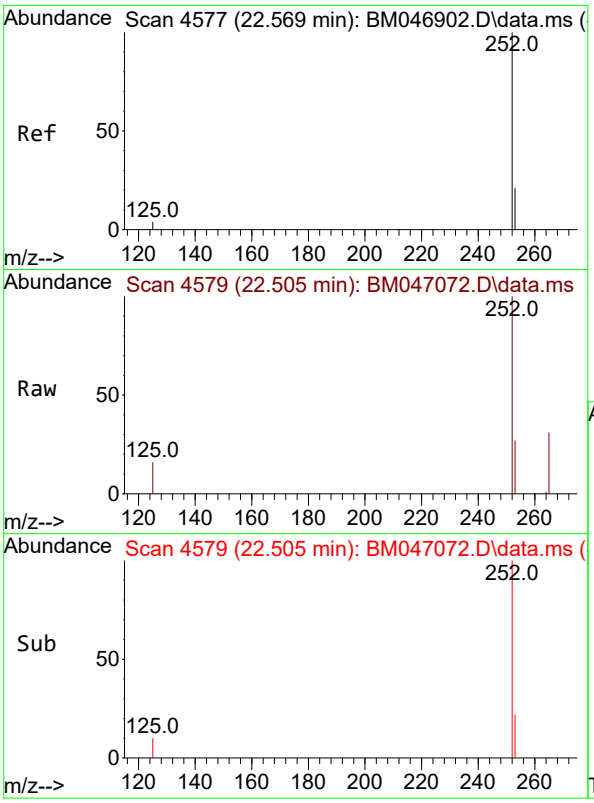


#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.062 min Scan# 4085
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:228 Resp: 28322

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.6	15.7	23.5



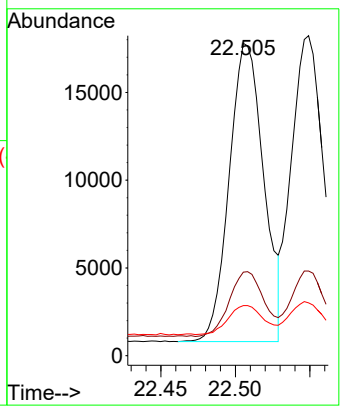


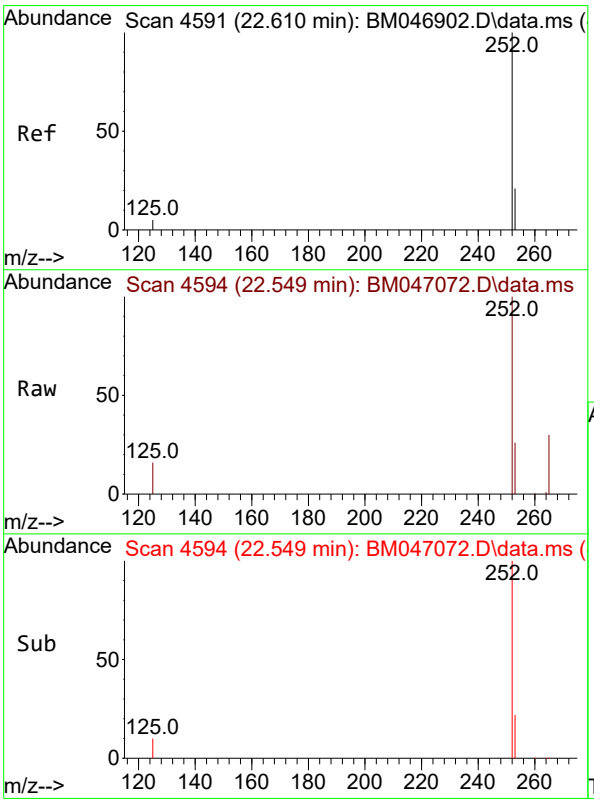
#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 22.505 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 27359

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	53.4
125	16.0	0.0	32.0

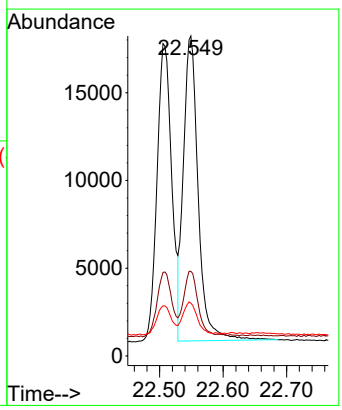


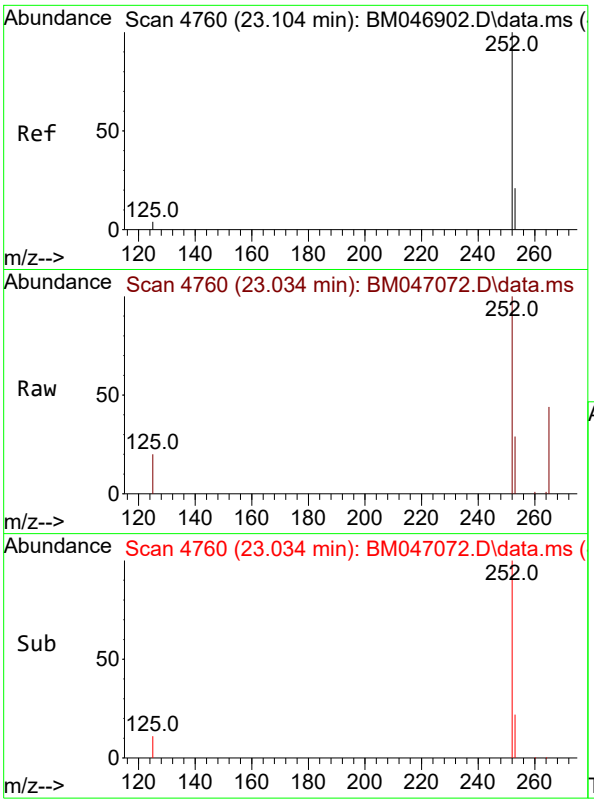


#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 22.549 min Scan# 4594
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:252 Resp: 28087

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.1	31.7
125	16.5	13.2	19.8



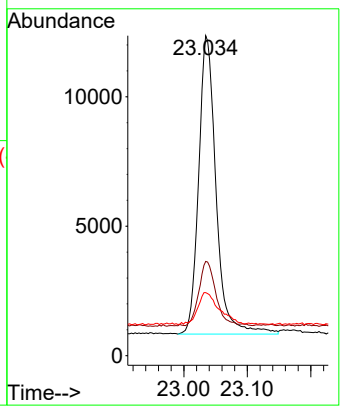


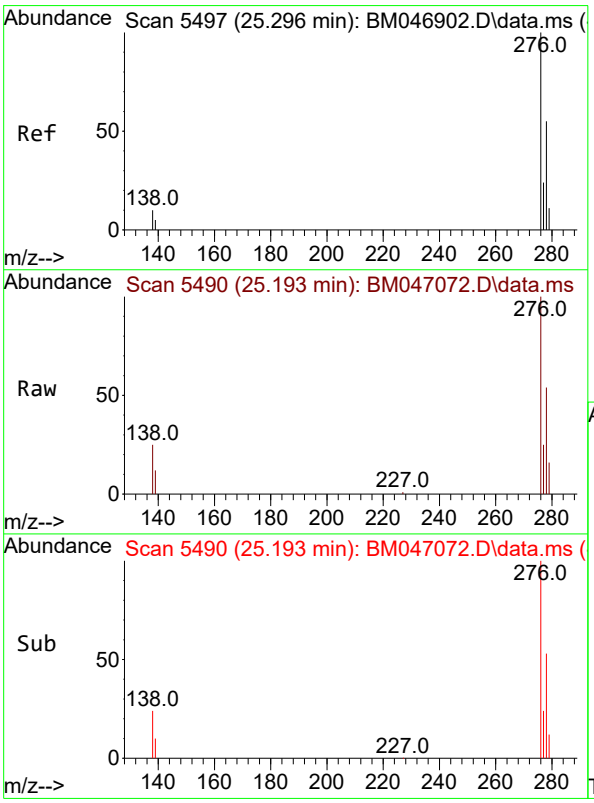
#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.034 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 21980

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.6	35.4
125	19.7	15.8	23.6

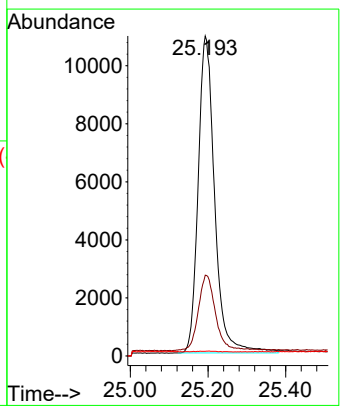


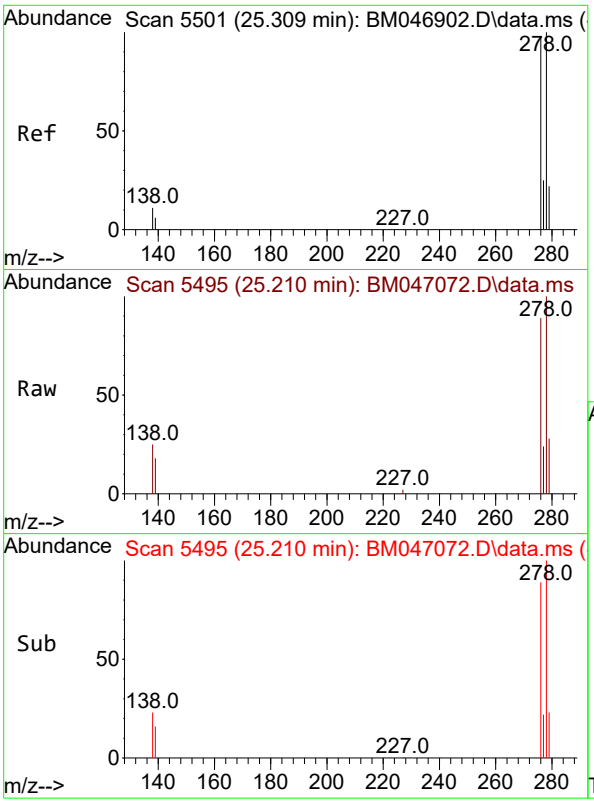


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 25.193 min Scan# 5490
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:276 Resp: 32276

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.1	30.1
227	0.2	0.2	0.2#



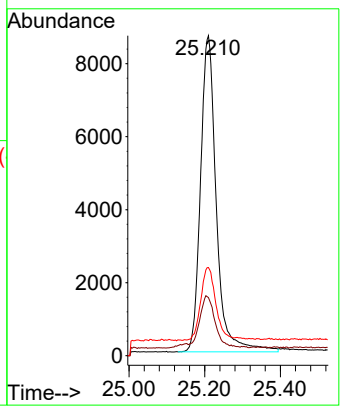


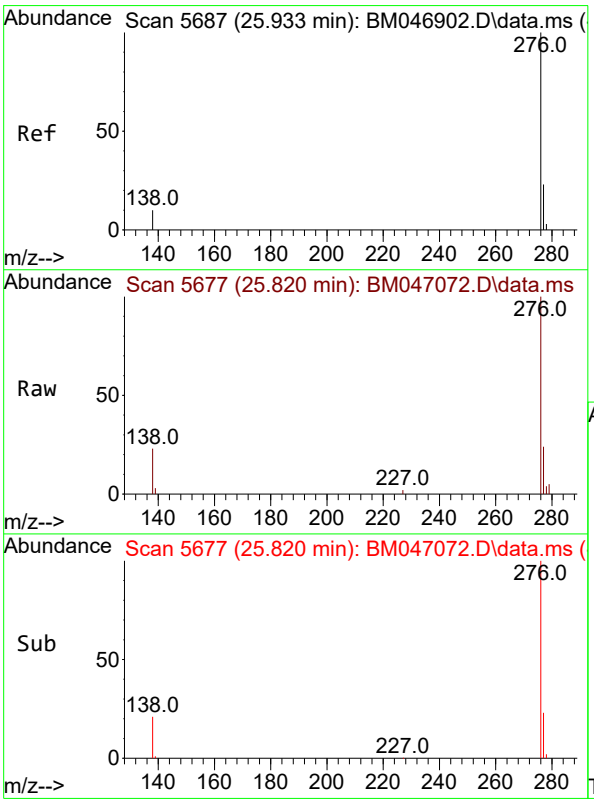
#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.210 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 25127

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	21.8
279	27.6	22.1	33.1





#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 25.820 min Scan# 5677
Delta R.T. 0.000 min
Lab File: BM047072.D
Acq: 08 Aug 2024 02:02

Tgt Ion:276 Resp: 26748

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.7	28.1
277	24.5	19.6	29.4