Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
Data File : BM048803.D
Acq On : 19 Nov 2024 21:01
Operator : RC/JU
Sample : SSTD0.414
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Quant Time: Nov 19 23:34:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 22:23:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.403	136	21426	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.271	164	12080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	23517	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	14849	0.400	ng/ul	0.00
23) Perylene-d12	23.411	264	17160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	3435	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	11684	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	20250	0.486	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	3918	0.420	ng/ul	100
5) Naphthalene	10.453	128	22773	0.424	ng/ul	100
7) 2-Methylnaphthalene	12.075	142	15053	0.446	ng/ul	100
8) 1-Methylnaphthalene	12.295	142	15165	0.438	ng/ul	100
10) Acenaphthylene	13.984	152	23428	0.511	ng/ul	100
11) Acenaphthene	14.331	153	15969	0.435	ng/ul	100
12) Fluorene	15.326	166	17782	0.446	ng/ul	100
14) Pentachlorophenol	16.668	266	2661	0.308	ng/ul	100
15) Phenanthrene	17.061	178	27257	0.441	ng/ul	100
16) Anthracene	17.150	178	27327	0.475	ng/ul	100
19) Fluoranthene	19.081	202	30617	0.557	ng/ul	100
20) Pyrene	19.444	202	32750	0.549	ng/ul	100
21) Benzo(a)anthracene	21.198	228	28422	0.585	ng/ul	100
22) Chrysene	21.251	228	27381	0.469	ng/ul	100
24) Benzo(b)fluoranthene	22.759	252	28782	0.538	ng/ul	100
25) Benzo(k)fluoranthene	22.803	252	28607	0.456	ng/ul	100
26) Benzo(a)pyrene	23.317	252	26863	0.515	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.618	276	35060	0.481	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.638	278	26422	0.466	ng/ul	100
29) Benzo(g,h,i)perylene	26.279	276	28070	0.459	ng/ul	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
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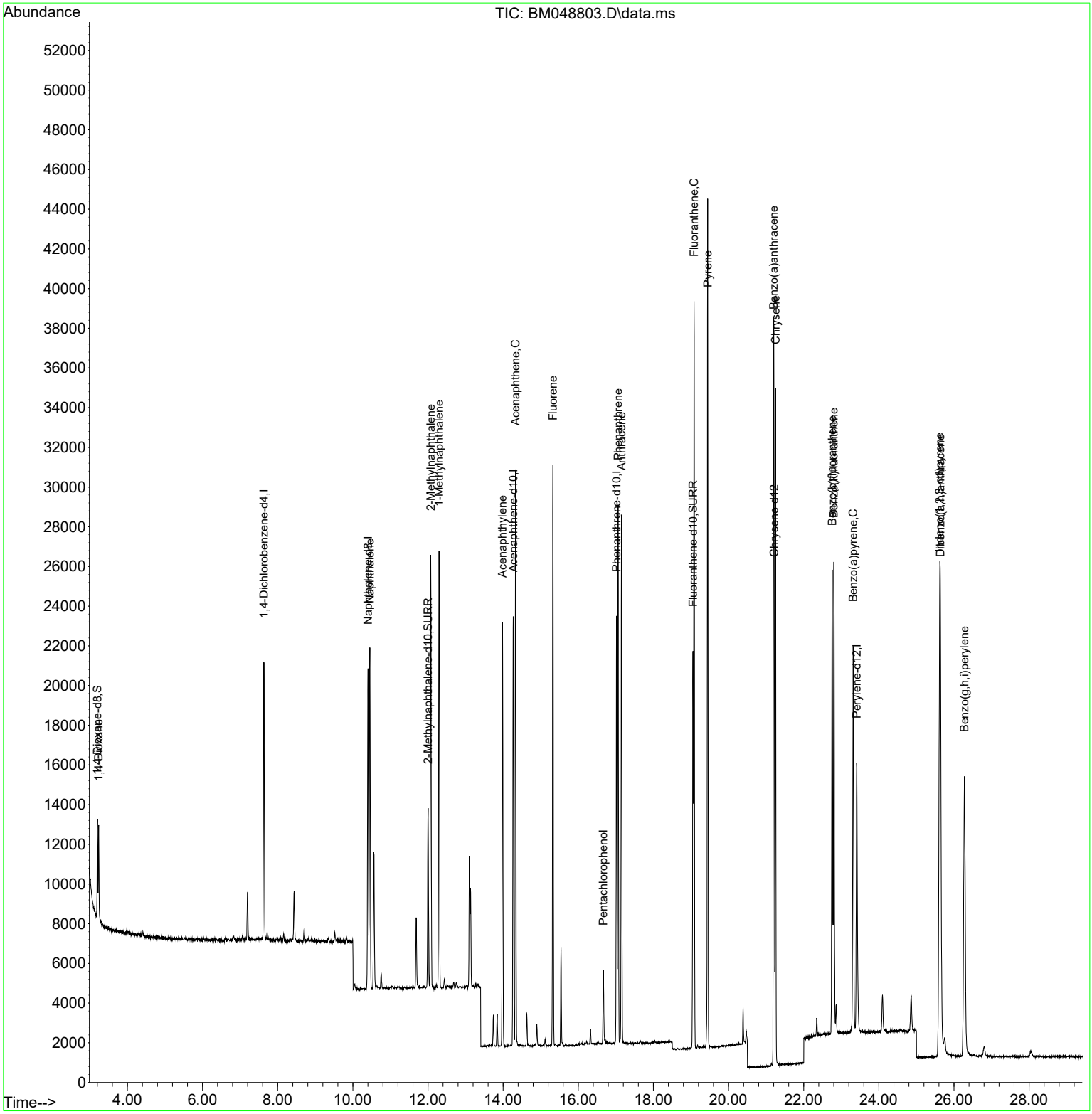
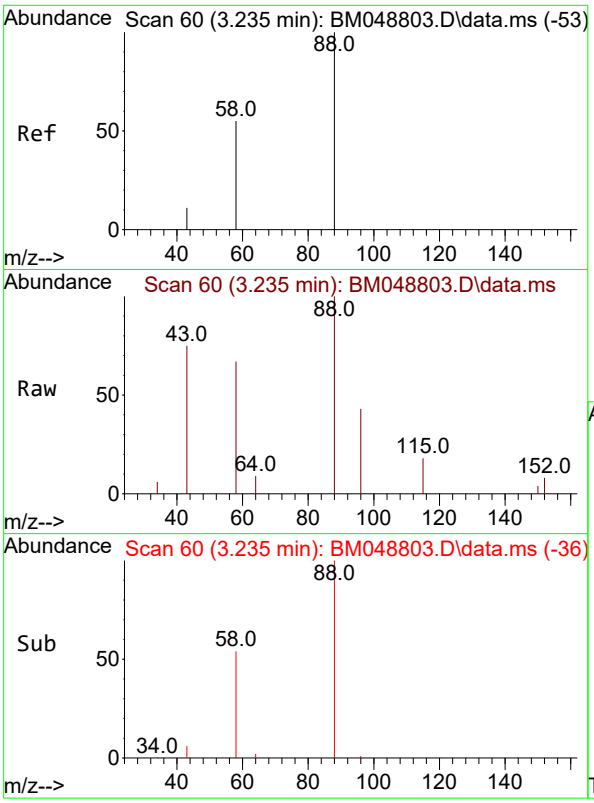


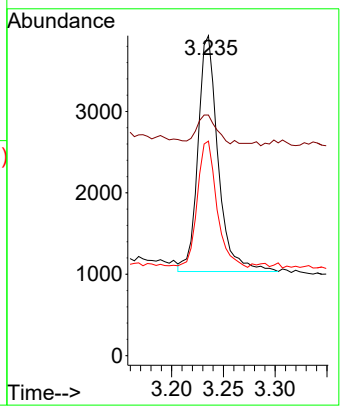


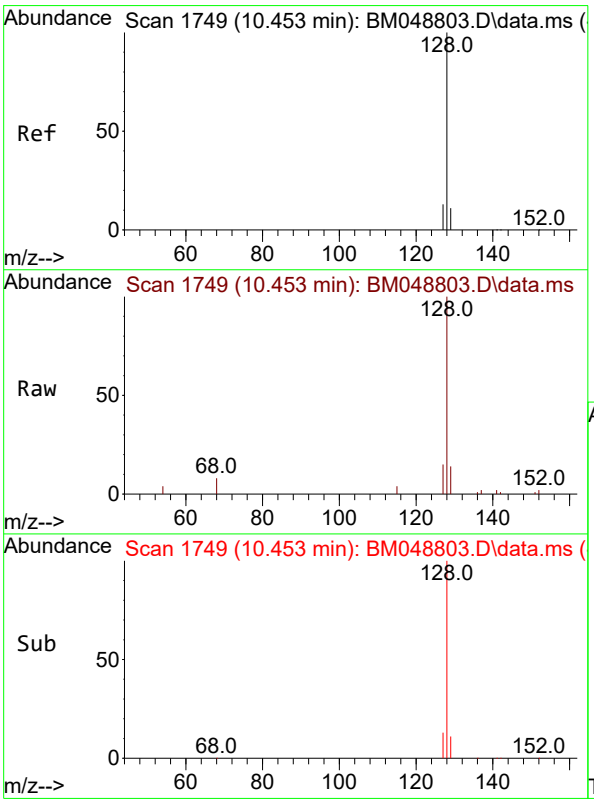
#2
1,4-Dioxane
Concen: 0.420 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion: 88 Resp: 3918

Ion	Ratio	Lower	Upper
88	100		
43	75.2	60.2	90.2
58	67.0	53.6	80.4

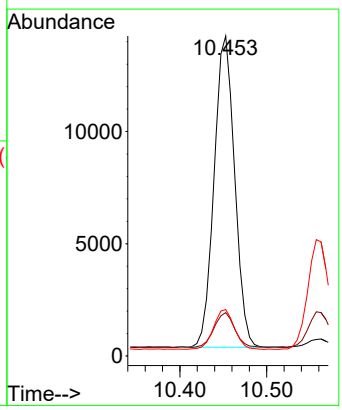


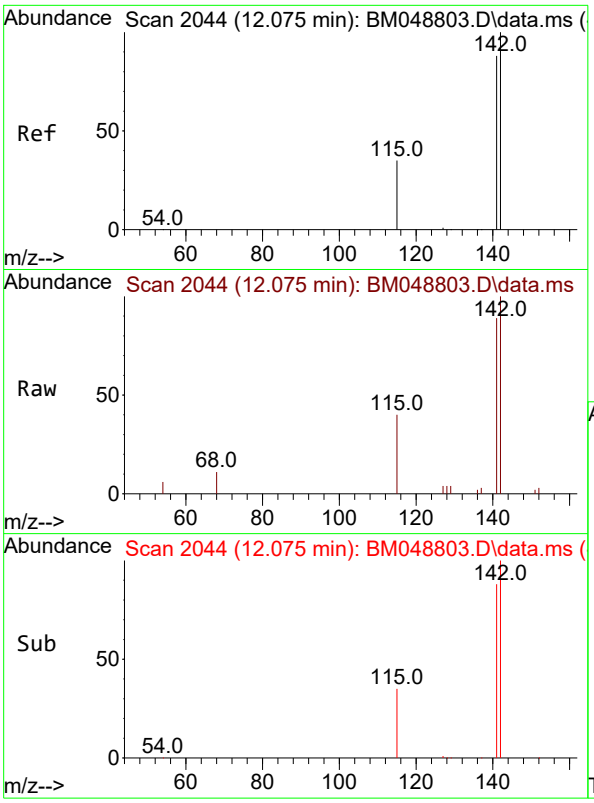


#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.453 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:128 Resp: 22773

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.9	16.3
127	14.5	11.6	17.4



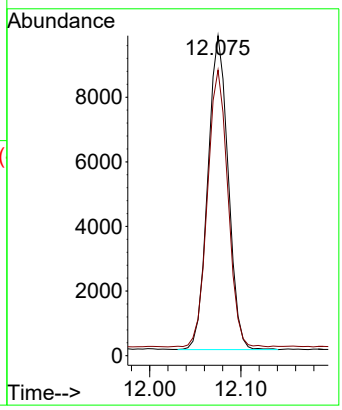


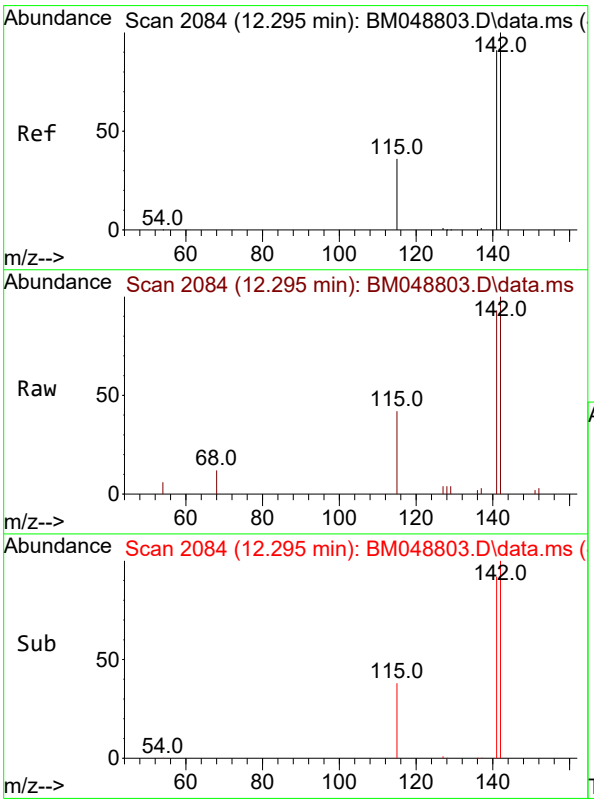
#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.075 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:142 Resp: 15053

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1

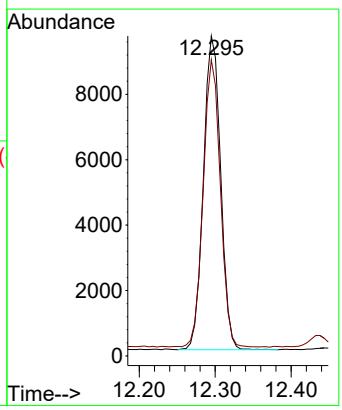


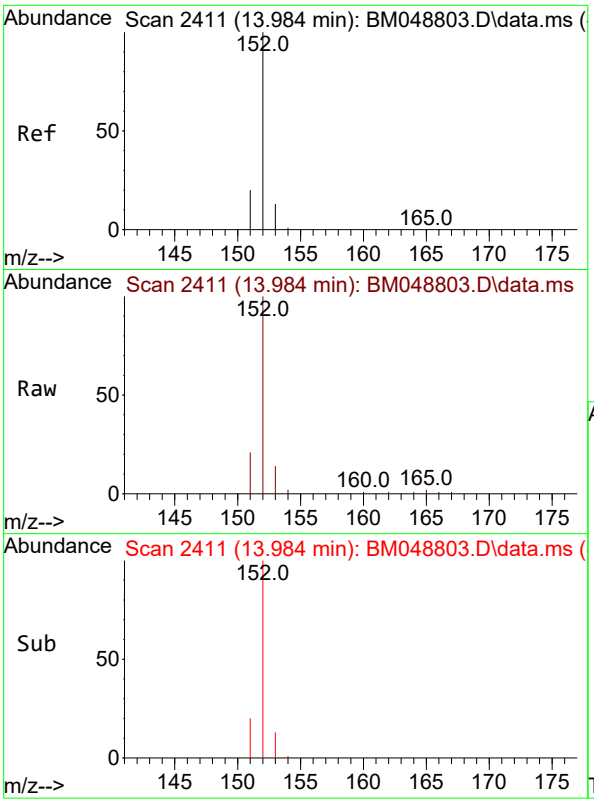


#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:142 Resp: 15165

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



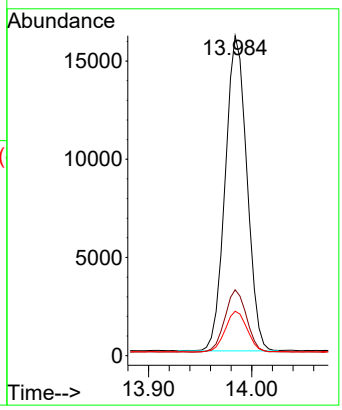


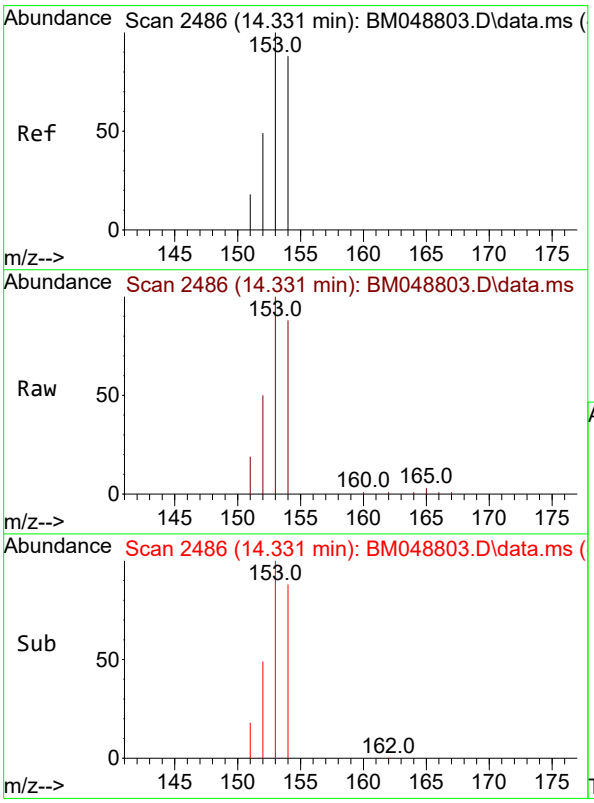
#10
Acenaphthylene
Concen: 0.511 ng/ul
RT: 13.984 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:152 Resp: 23428

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.9	11.1	16.7

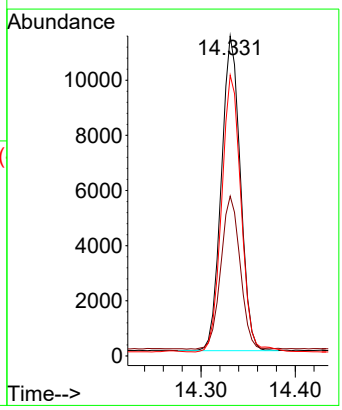


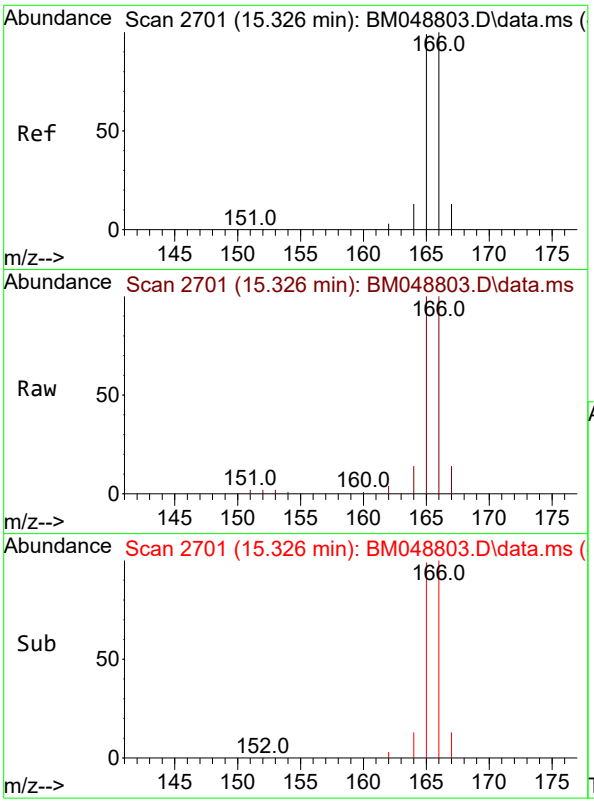


#11
Acenaphthene
Concen: 0.435 ng/ul
RT: 14.331 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:153 Resp: 15969

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.0	60.0
154	87.8	70.2	105.4



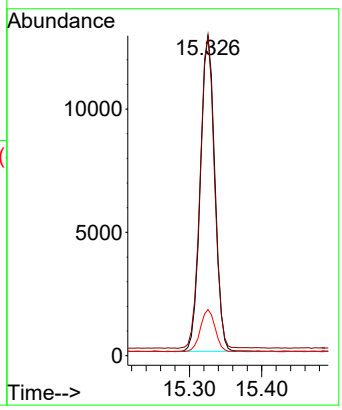


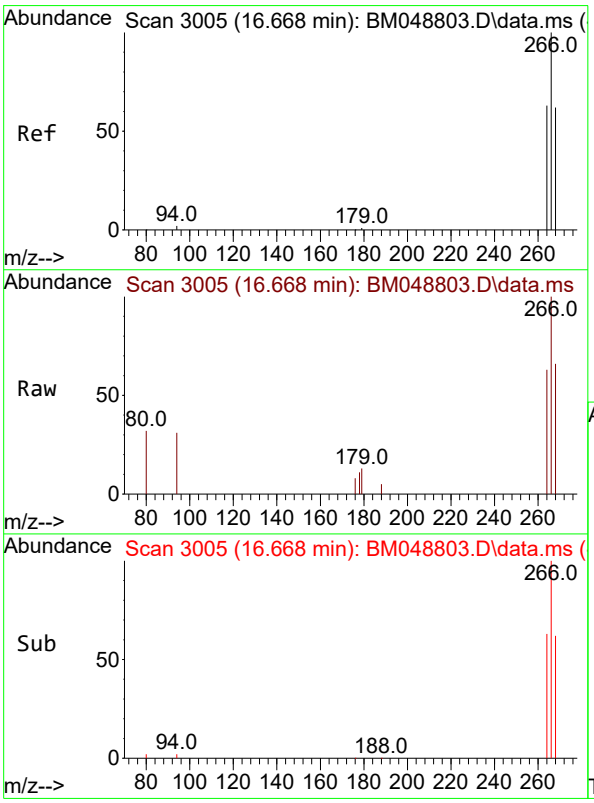
#12
Fluorene
Concen: 0.446 ng/ul
RT: 15.326 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:166 Resp: 17782

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	14.4	11.5	17.3

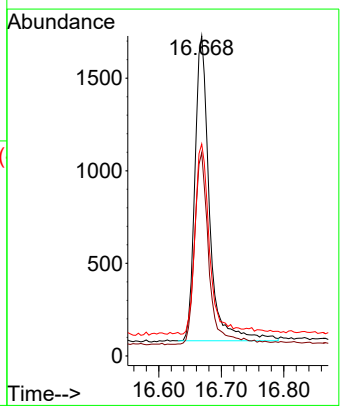


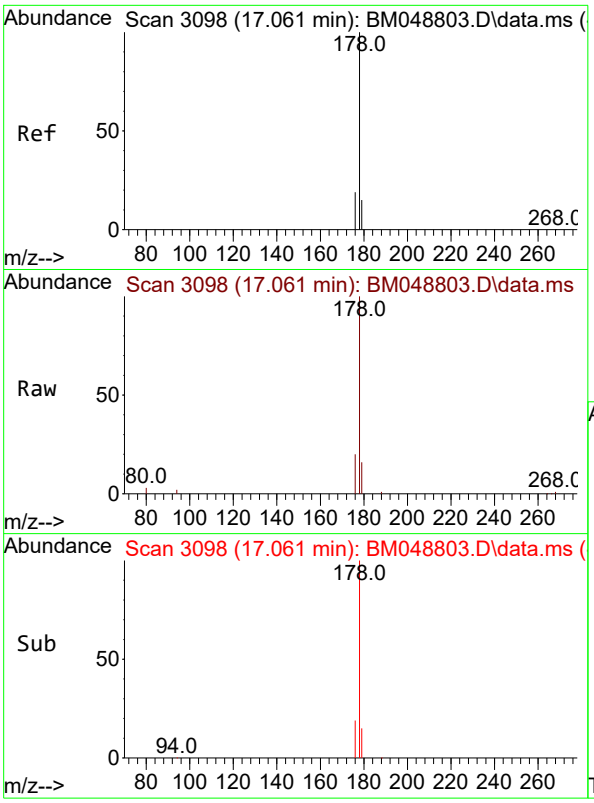


#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.668 min Scan# 3005
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:266 Resp: 2661

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.7	76.1
268	65.0	52.0	78.0



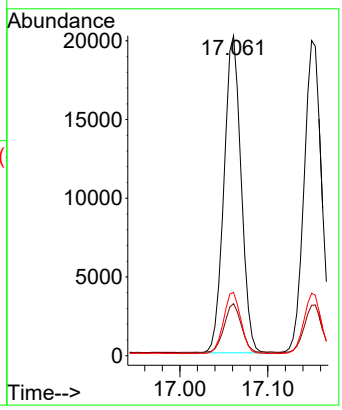


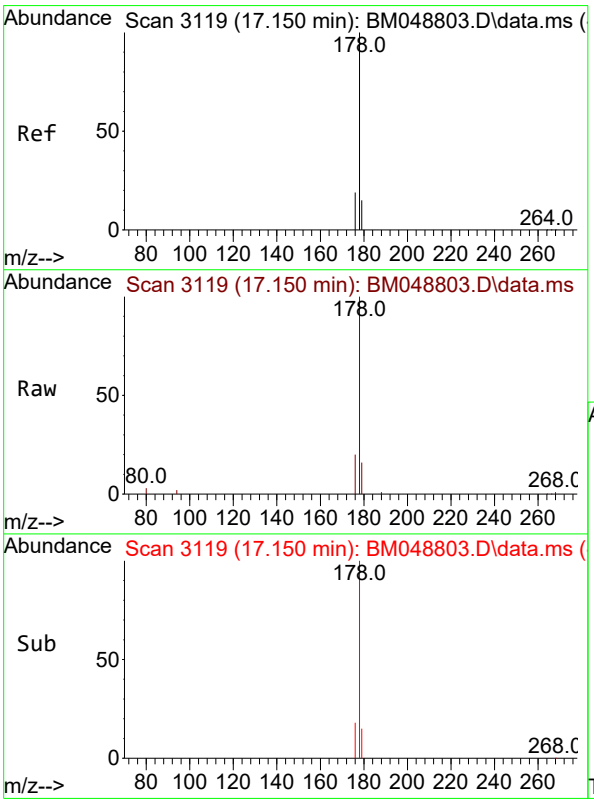
#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.061 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:178 Resp: 27257

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	19.8	15.8	23.8

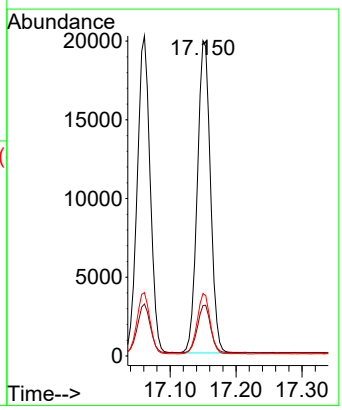


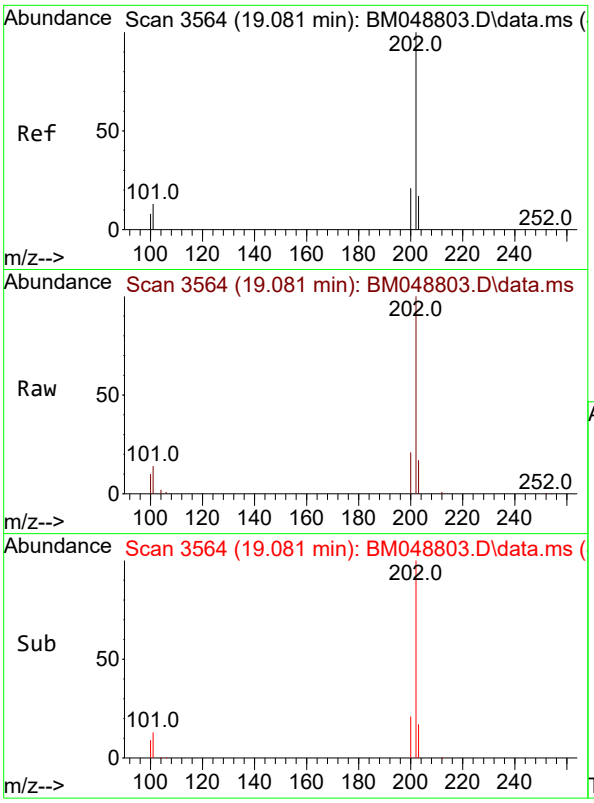


#16
Anthracene
Concen: 0.475 ng/ul
RT: 17.150 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:178 Resp: 27327

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.8	15.8	23.8



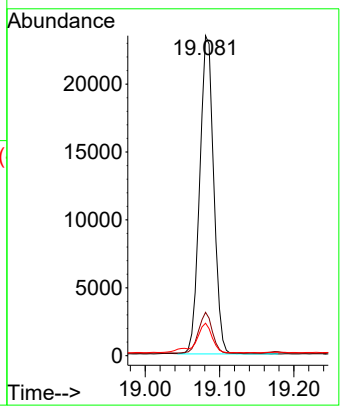


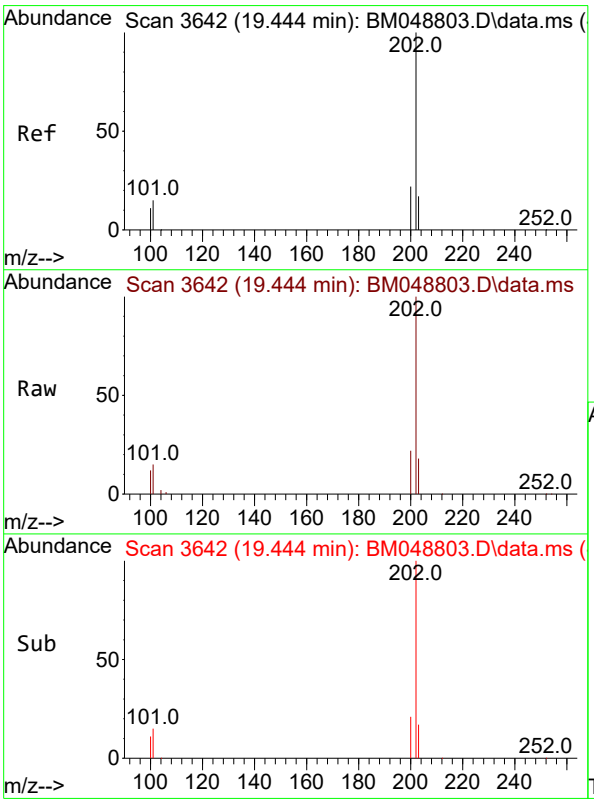
#19
Fluoranthene
Concen: 0.557 ng/ul
RT: 19.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:202 Resp: 30617

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	10.1	8.1	12.1

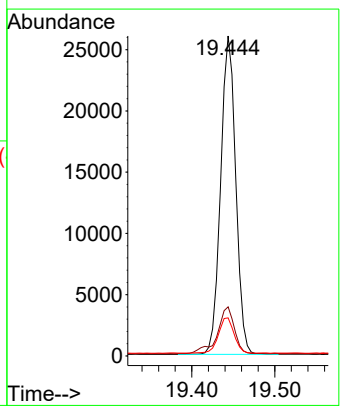


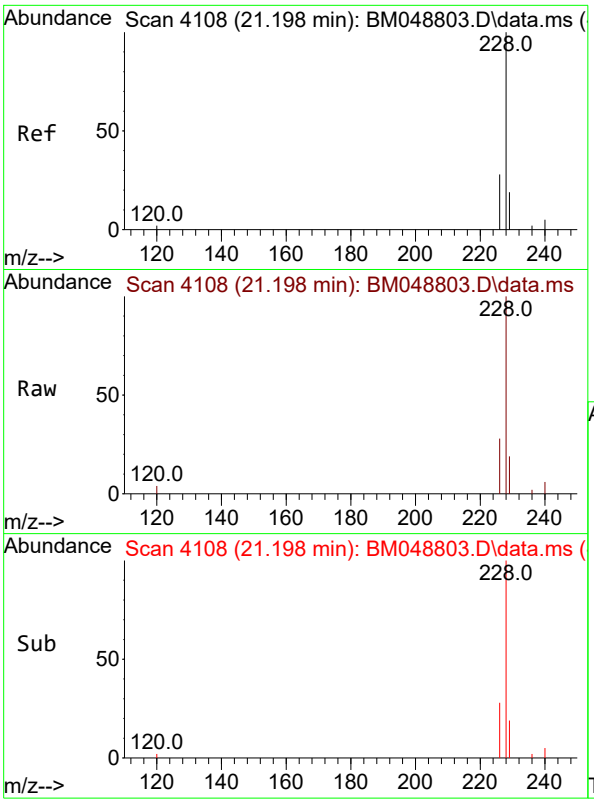


#20
Pyrene
Concen: 0.549 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:202 Resp: 32750

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.3	18.5
100	11.9	9.5	14.3



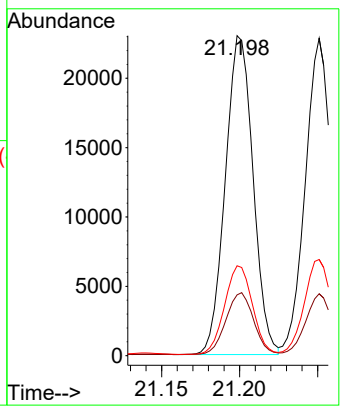


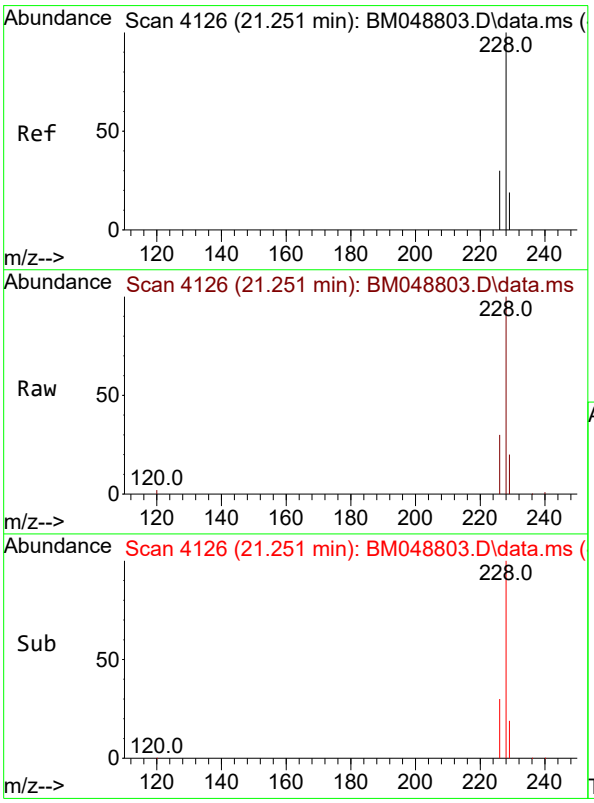
#21
Benzo(a)anthracene
Concen: 0.585 ng/ul
RT: 21.198 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:228 Resp: 28422

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.2	22.8
226	28.1	22.5	33.7

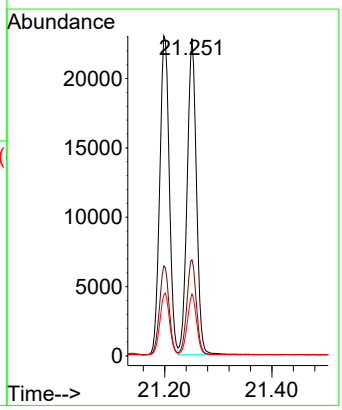


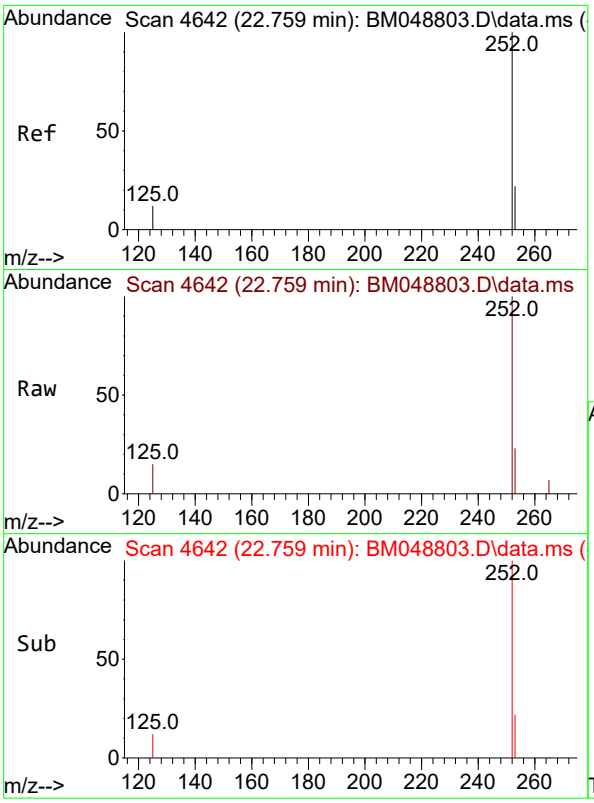


#22
Chrysene
Concen: 0.469 ng/ul
RT: 21.251 min Scan# 4126
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:228 Resp: 27381

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.5	15.6	23.4



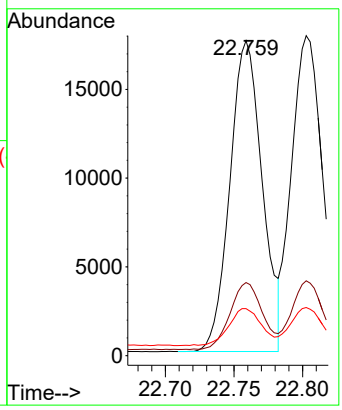


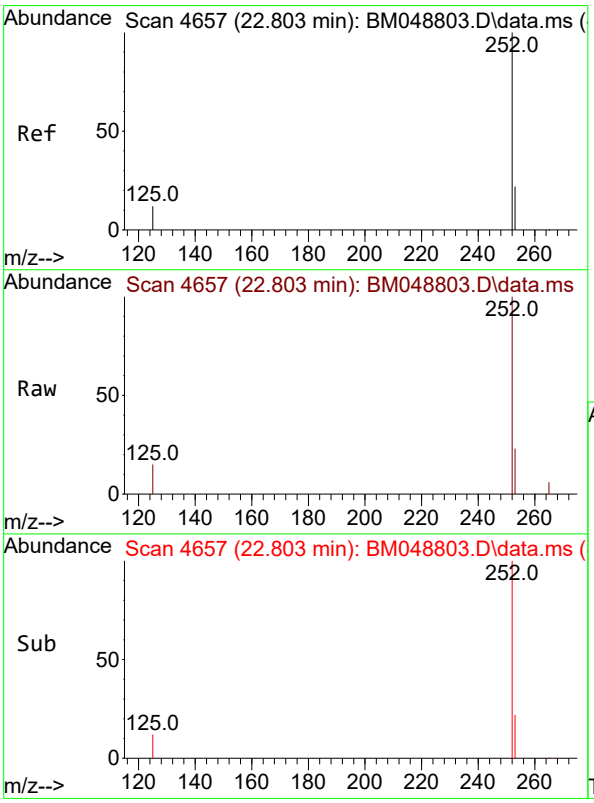
#24
Benzo(b)fluoranthene
Concen: 0.538 ng/ul
RT: 22.759 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:252 Resp: 28782

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.4
125	14.9	0.0	29.8

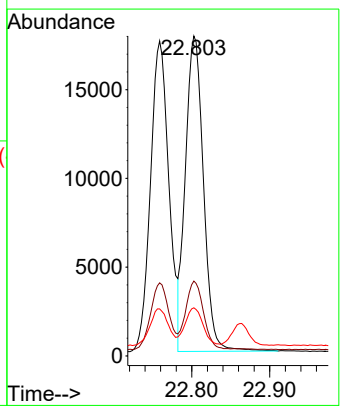


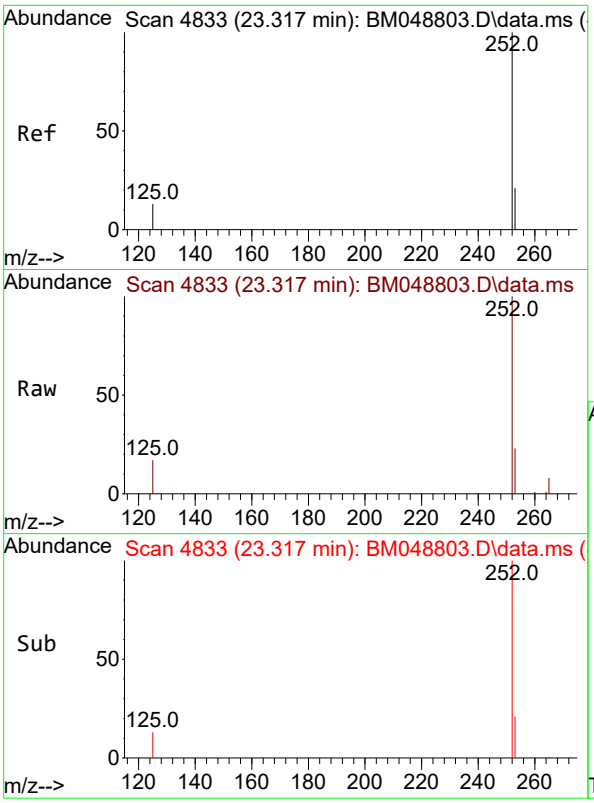


#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.803 min Scan# 4657
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:252 Resp: 28607

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	15.0	12.0	18.0



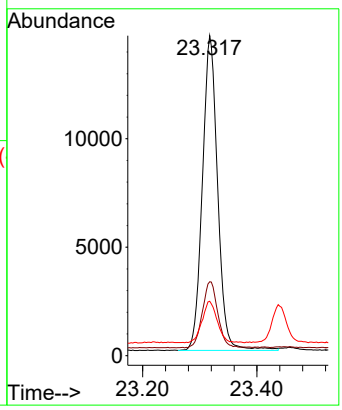


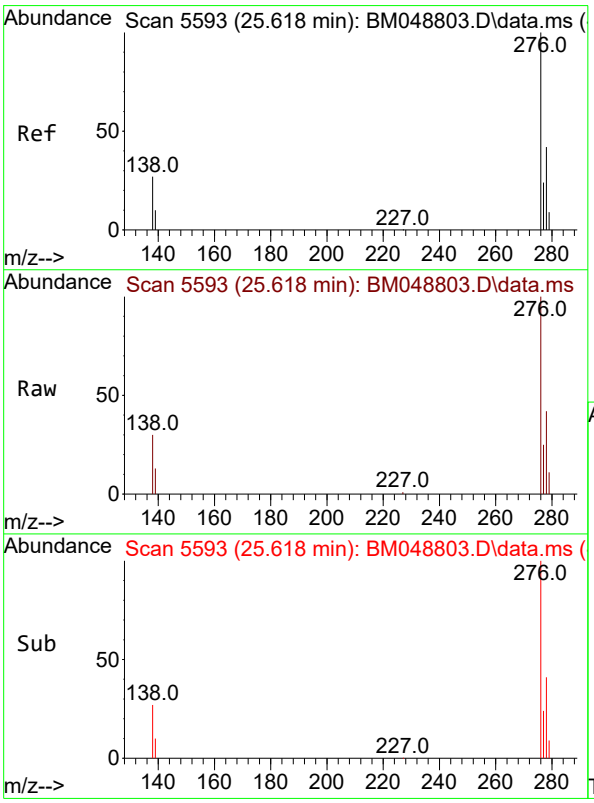
#26
Benzo(a)pyrene
Concen: 0.515 ng/ul
RT: 23.317 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:252 Resp: 26863

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	17.0	13.6	20.4

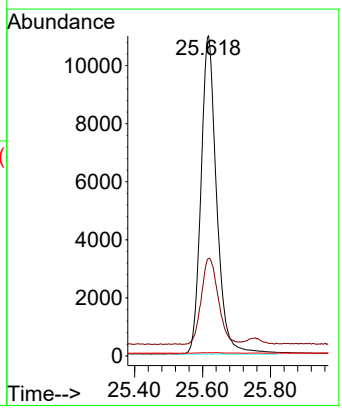


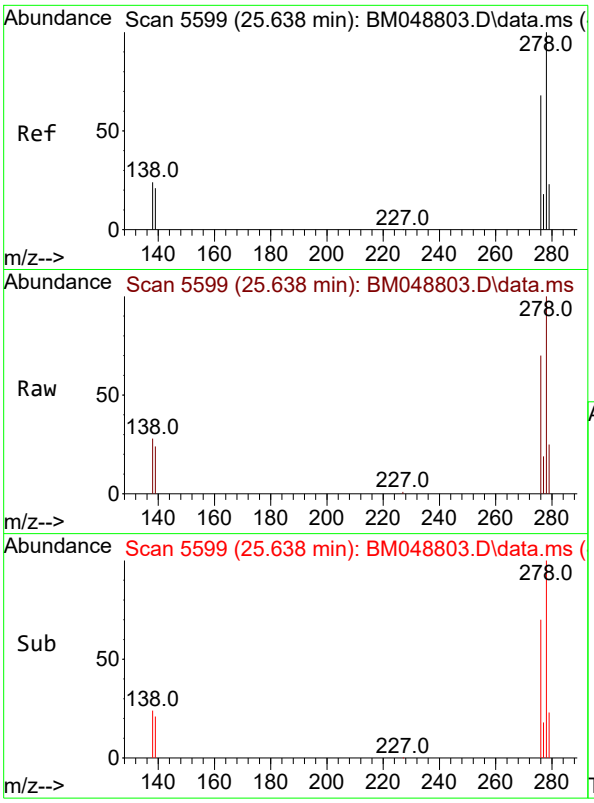


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 25.618 min Scan# 5593
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:276 Resp: 35060

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.6	35.4
227	0.0	0.0	0.0#



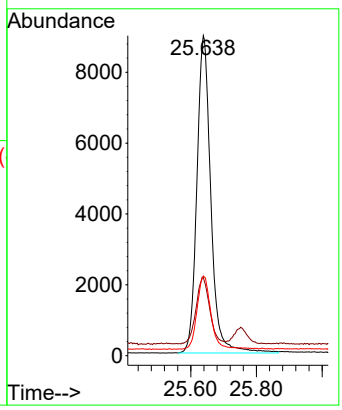


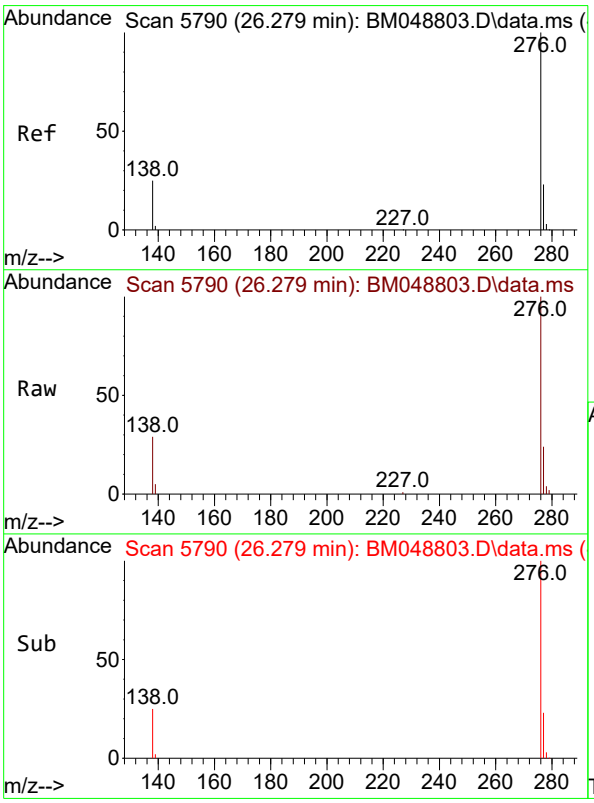
#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 25.638 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4043

Tgt Ion:278 Resp: 26422

Ion	Ratio	Lower	Upper
278	100		
139	24.4	19.5	29.3
279	24.9	19.9	29.9





#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. 0.000 min
Lab File: BM048803.D
Acq: 19 Nov 2024 21:01

Tgt Ion:276 Resp: 28070

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.4	35.0
277	24.1	19.3	28.9