Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048919.D
Acq On : 10 Dec 2024 12:33
Operator : RC/JU
Sample : P5107-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Quant Time: Dec 10 13:43:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3273	0.400	ng/ul	0.00
4) Naphthalene-d8	10.354	136	8536	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4269	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	8328	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	7112	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	7290	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1412	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	4992	0.459	ng/ul	0.00
18) Fluoranthene-d10	18.998	212	11105	0.523	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	4874	1.101	ng/ul#	84
5) Naphthalene	10.398	128	9620	0.440	ng/ul	99
7) 2-Methylnaphthalene	12.020	142	5703	0.427	ng/ul	100
8) 1-Methylnaphthalene	12.240	142	5856	0.430	ng/ul	100
10) Acenaphthylene	13.933	152	8408	0.466	ng/ul	99
11) Acenaphthene	14.280	153	6402	0.469	ng/ul	99
12) Fluorene	15.275	166	7277	0.480	ng/ul	98
14) Pentachlorophenol	16.622	266	925	0.539	ng/ul	95
15) Phenanthrene	17.006	178	11568	0.507	ng/ul	99
16) Anthracene	17.099	178	10064	0.494	ng/ul	99
19) Fluoranthene	19.030	202	14299	0.485	ng/ul	100
20) Pyrene	19.393	202	15737	0.495	ng/ul	99
21) Benzo(a)anthracene	21.143	228	12566	0.502	ng/ul	99
22) Chrysene	21.195	228	15414	0.544	ng/ul	99
24) Benzo(b)fluoranthene	22.686	252	13909	0.552	ng/ul	100
25) Benzo(k)fluoranthene	22.730	252	16023	0.550	ng/ul	96
26) Benzo(a)pyrene	23.235	252	12130	0.521	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.484	276	17692	0.541	ng/ul	100
28) Dibenzo(a,h)anthracene	25.501	278	13783	0.541	ng/ul	98
29) Benzo(g,h,i)perylene	26.138	276	14813	0.563	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048919.D
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Operator : RC/JU
Sample : P5107-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
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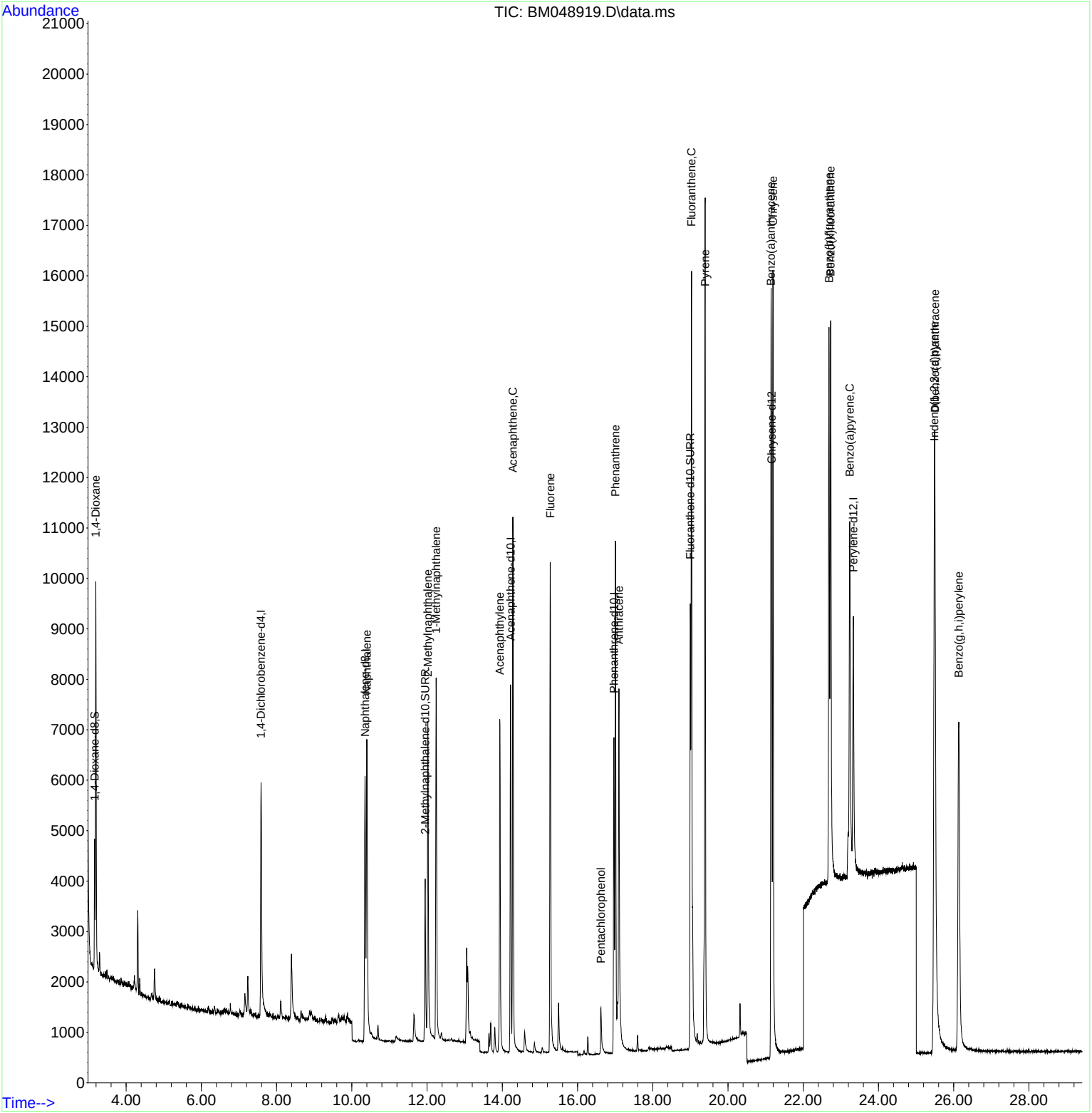
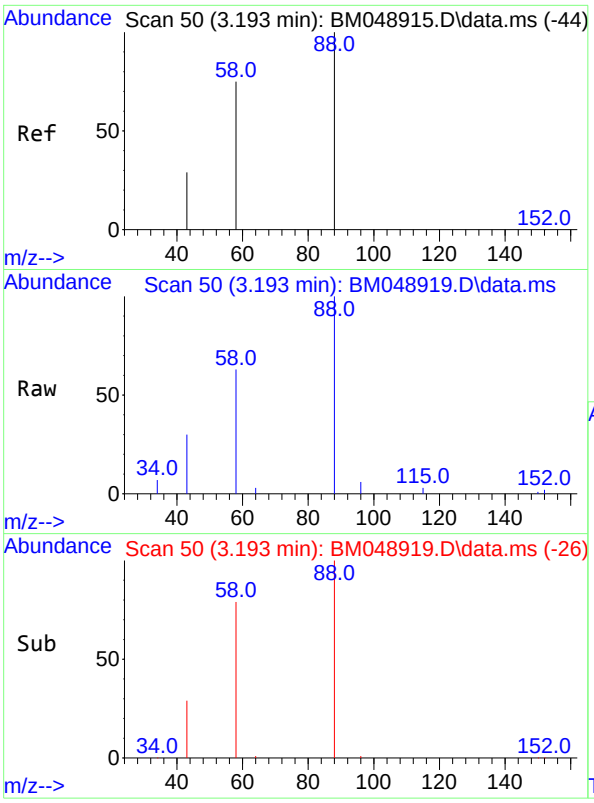
Quant Time: Dec 10 13:43:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



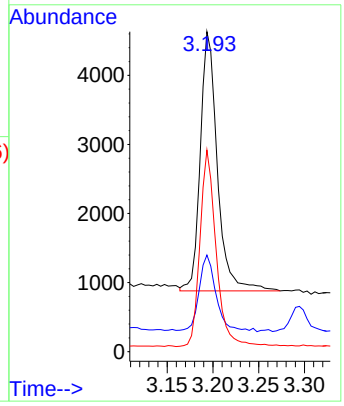


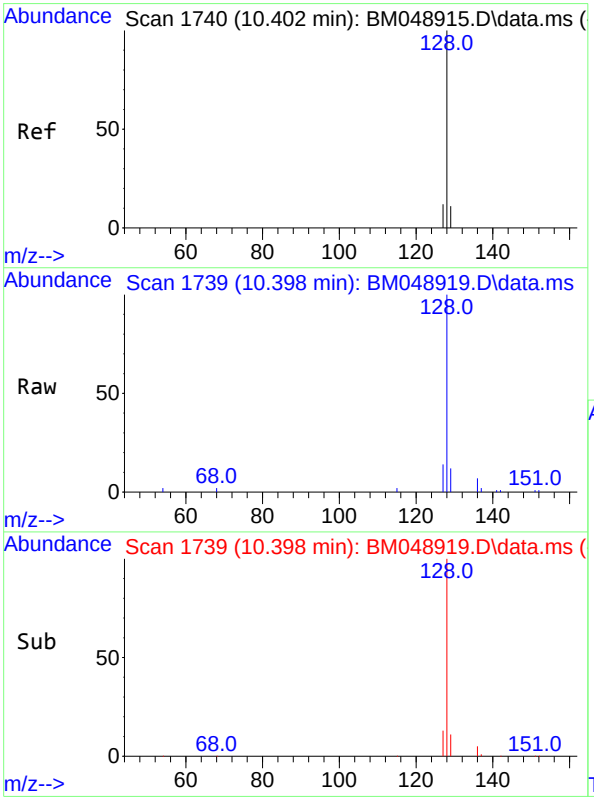
#2
1,4-Dioxane
Concen: 1.101 ng/ul
RT: 3.193 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion: 88 Resp: 4874

Ion	Ratio	Lower	Upper
88	100		
43	30.2	32.3	48.5#
58	63.0	42.0	63.0

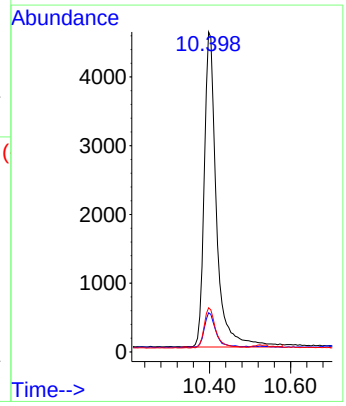


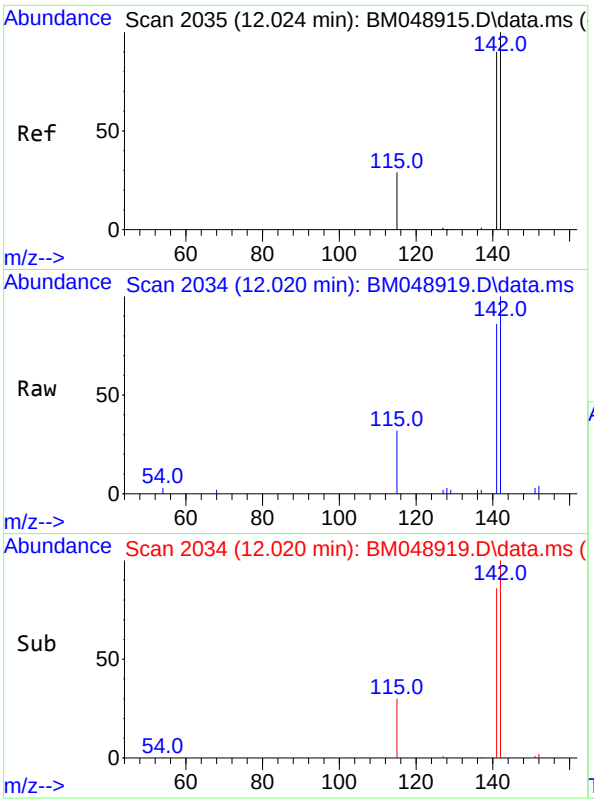


#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.398 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:128 Resp: 9620

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.8	10.6	16.0



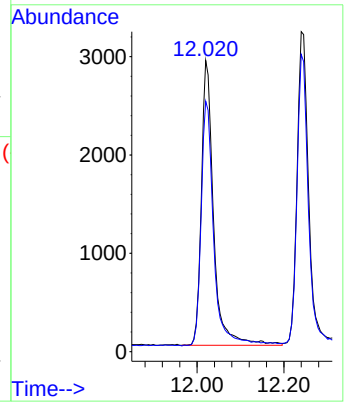


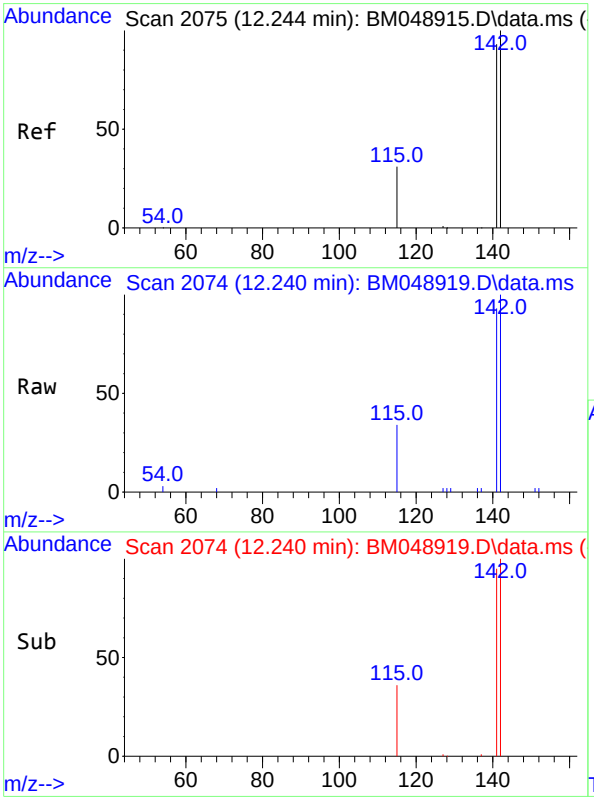
#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.020 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:142 Resp: 5703

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8

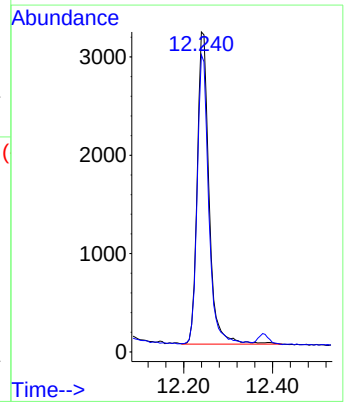


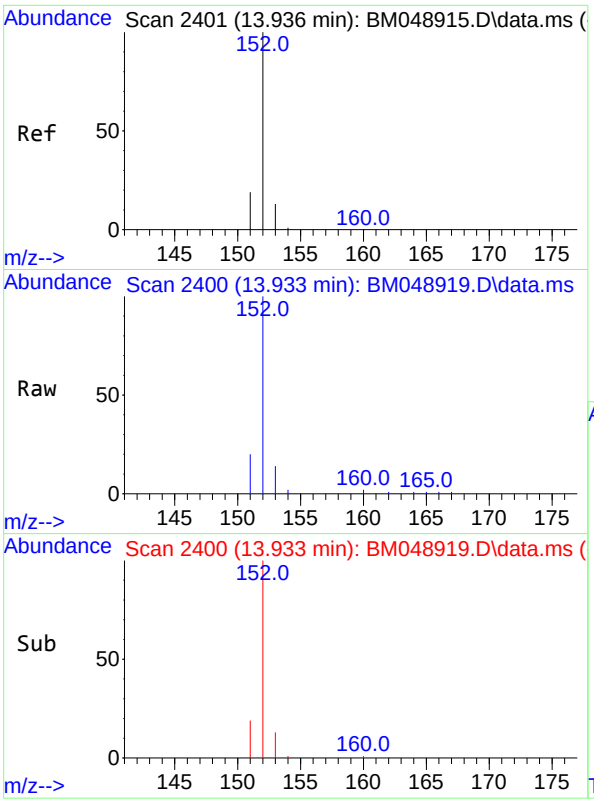


#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.240 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:142 Resp: 5856

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.8	109.2



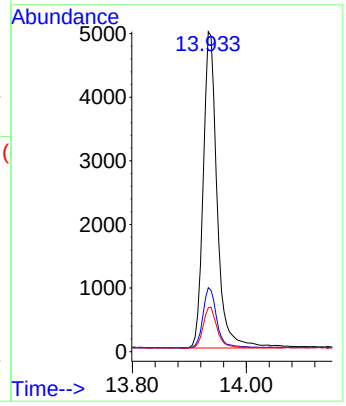


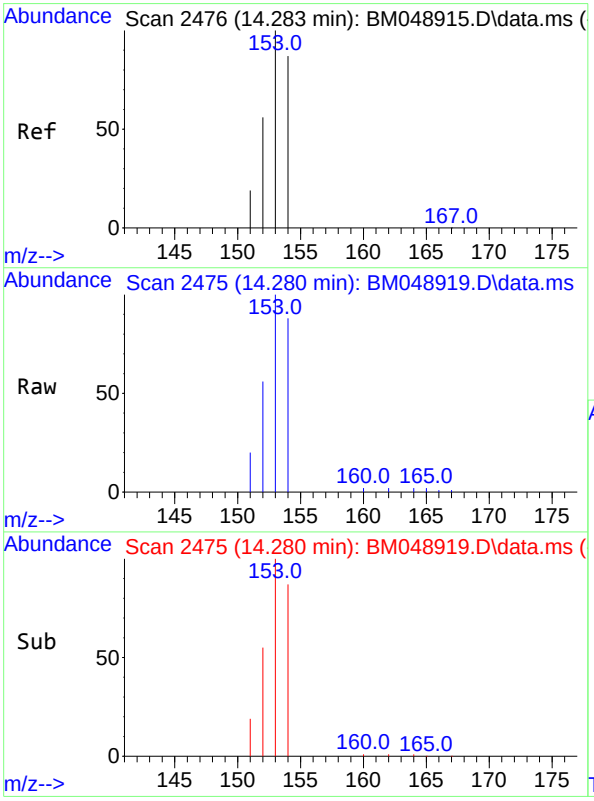
#10
Acenaphthylene
Concen: 0.466 ng/ul
RT: 13.933 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:152 Resp: 8408

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.7	11.2	16.8

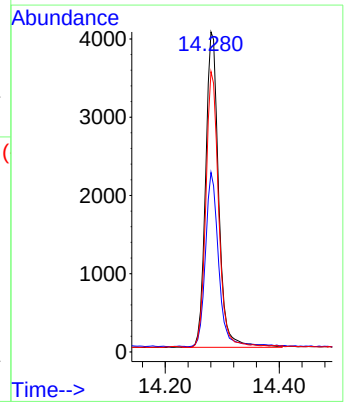


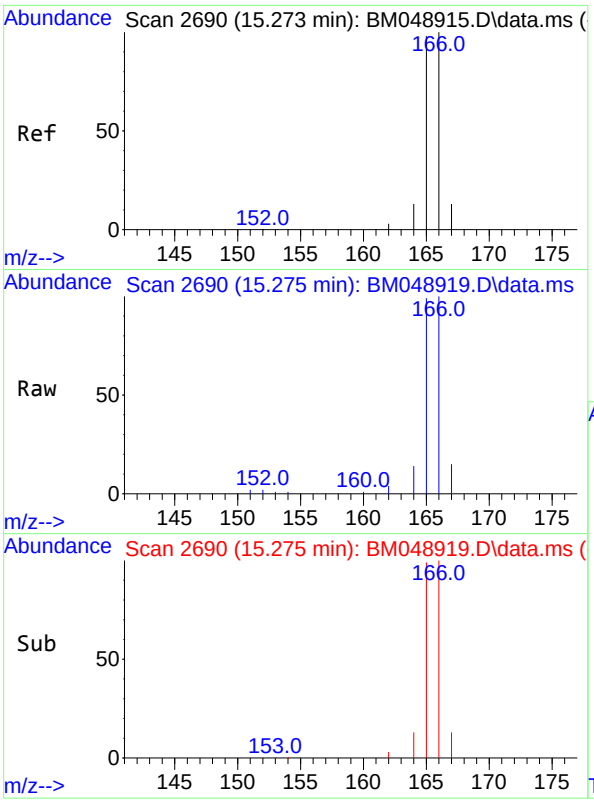


#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:153 Resp: 6402

Ion	Ratio	Lower	Upper
153	100		
152	56.1	43.5	65.3
154	87.6	69.5	104.3



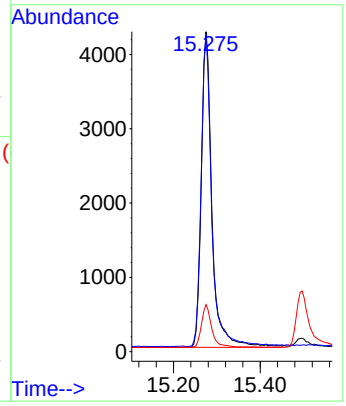


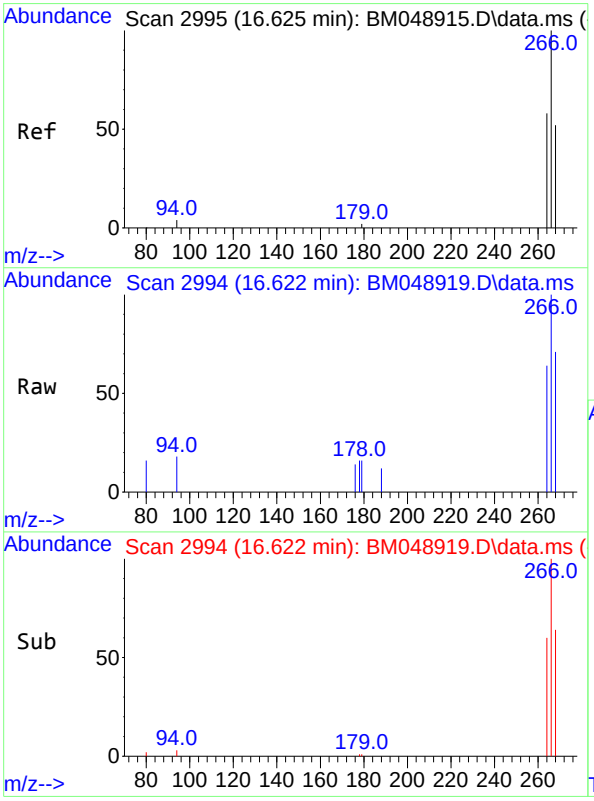
#12
Fluorene
Concen: 0.480 ng/ul
RT: 15.275 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:166 Resp: 7277

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	14.7	11.6	17.4

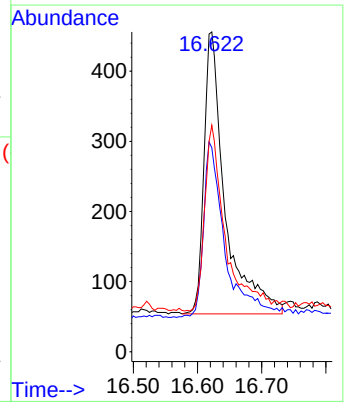


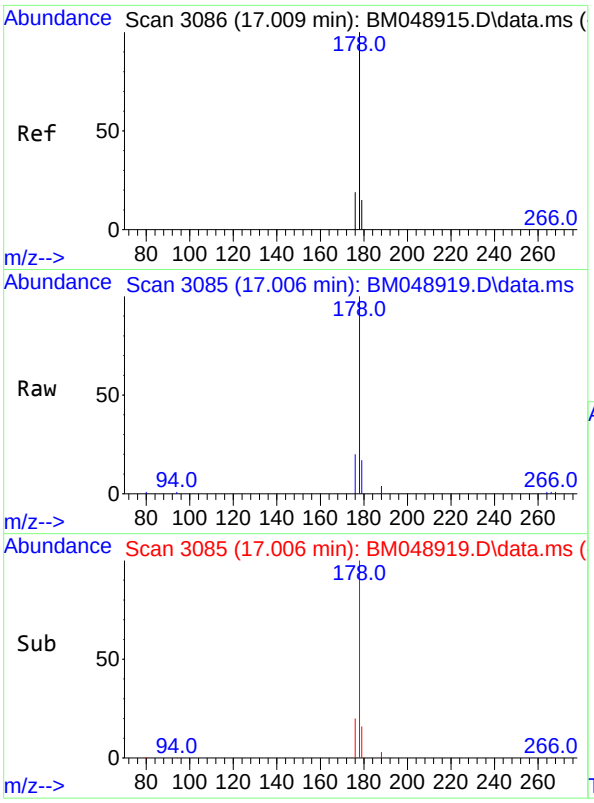


#14
Pentachlorophenol
Concen: 0.539 ng/ul
RT: 16.622 min Scan# 2994
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:266 Resp: 925

Ion	Ratio	Lower	Upper
266	100		
264	65.1	47.9	71.9
268	66.6	55.0	82.6



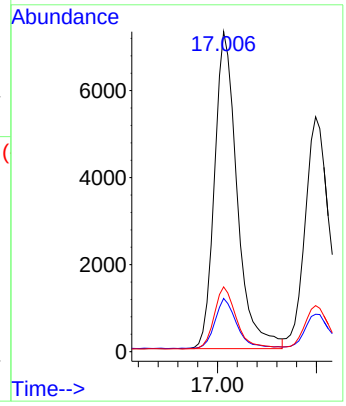


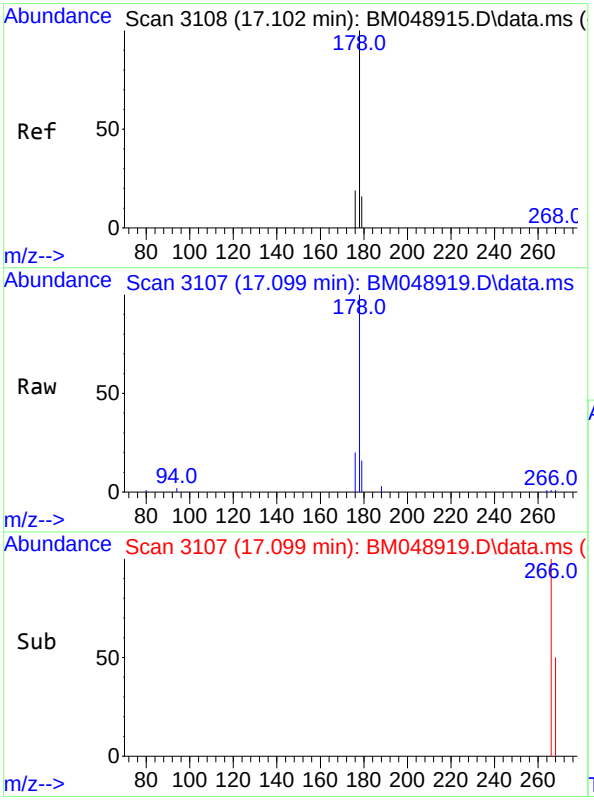
#15
Phenanthrene
Concen: 0.507 ng/ul
RT: 17.006 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:178 Resp: 11568

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.3	15.8	23.8

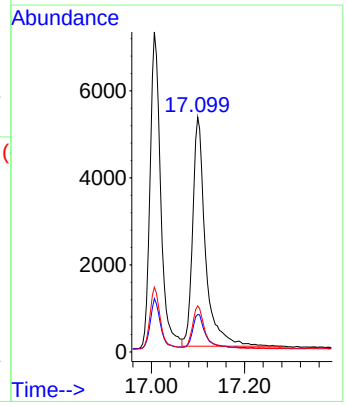


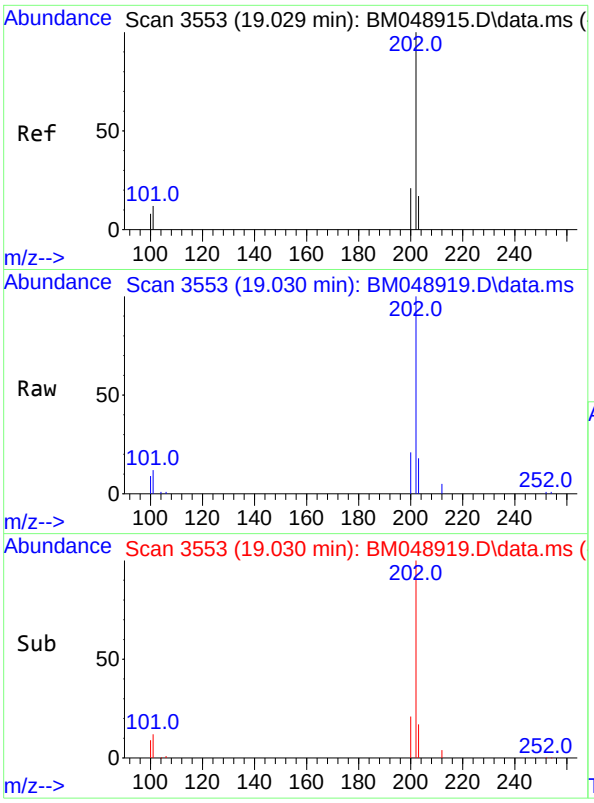


#16
Anthracene
Concen: 0.494 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:178 Resp: 10064

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	19.6	15.0	22.6



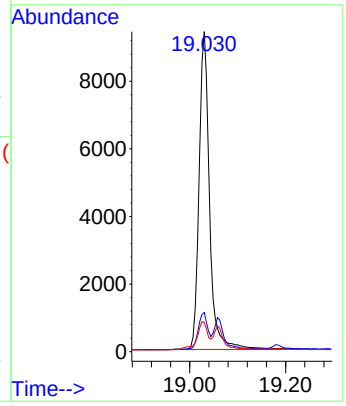


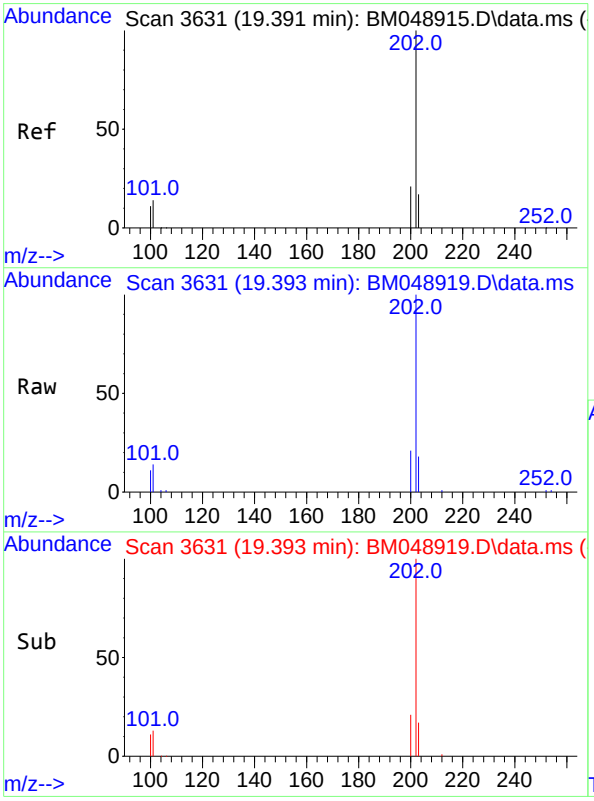
#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.030 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:202 Resp: 14299

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.1	7.3	10.9

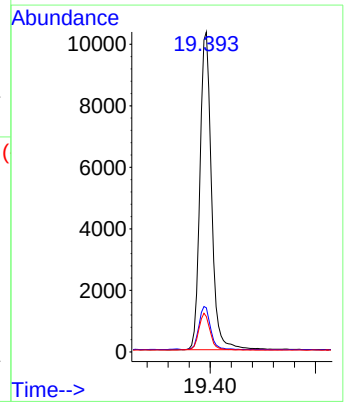


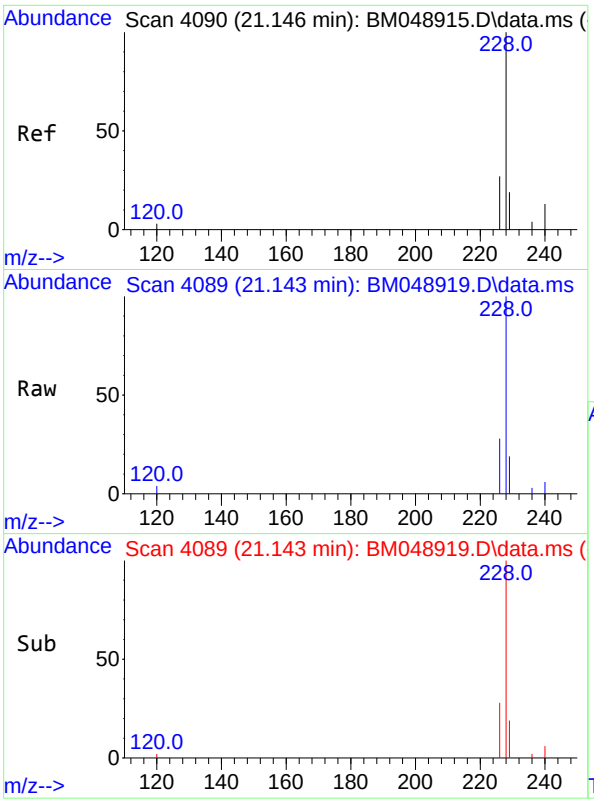


#20
Pyrene
Concen: 0.495 ng/ul
RT: 19.393 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:202 Resp: 15737

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	11.0	8.4	12.6



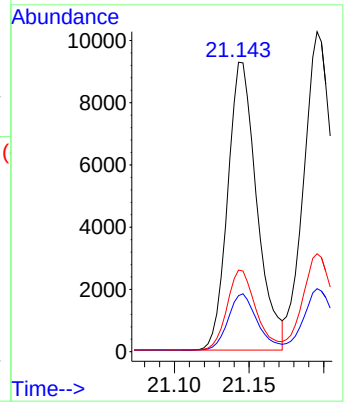


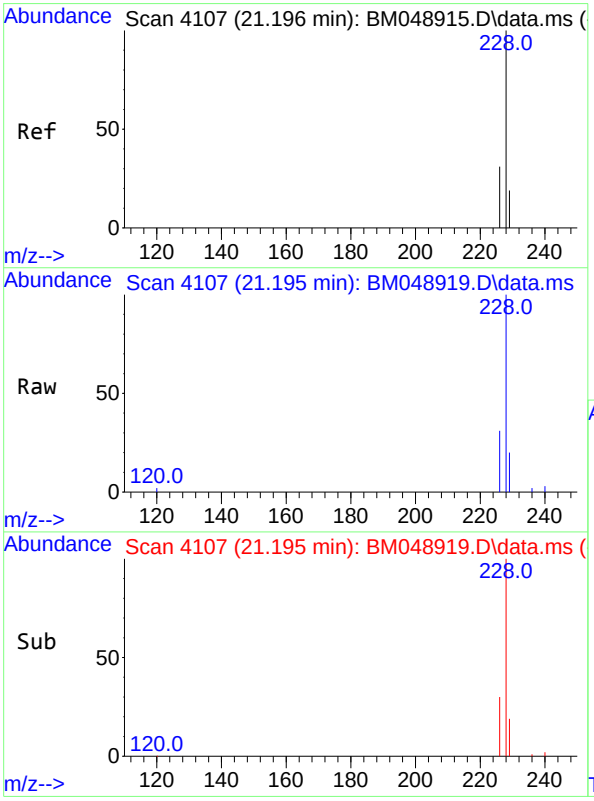
#21
Benzo(a)anthracene
Concen: 0.502 ng/ul
RT: 21.143 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:228 Resp: 12566

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	28.2	23.0	34.4

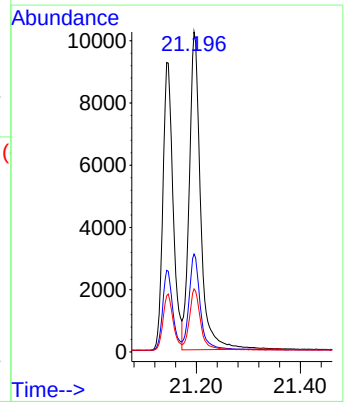


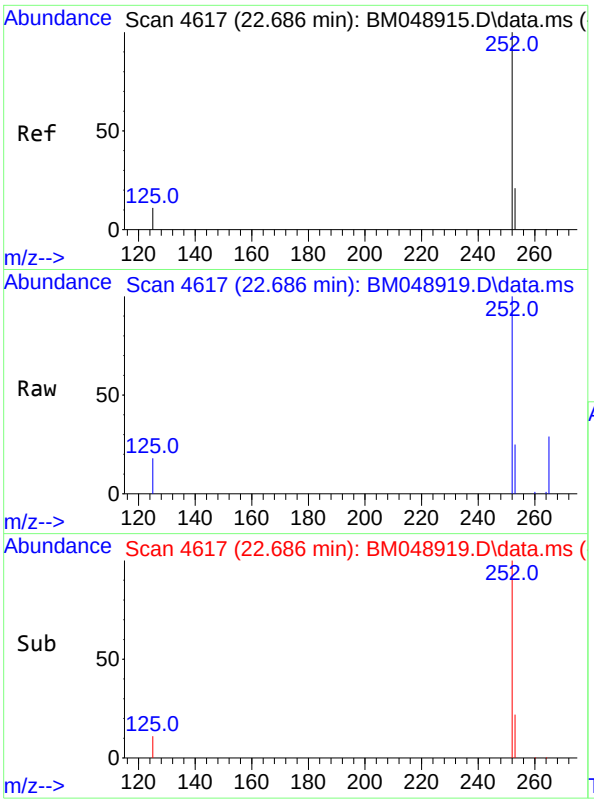


#22
Chrysene
Concen: 0.544 ng/ul
RT: 21.195 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:228 Resp: 15414

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	16.0	24.0



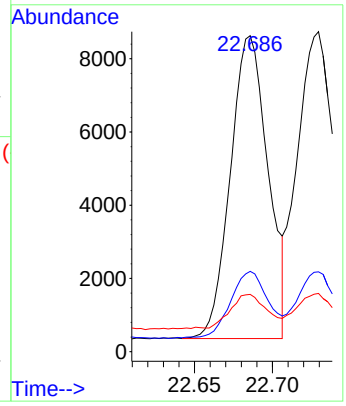


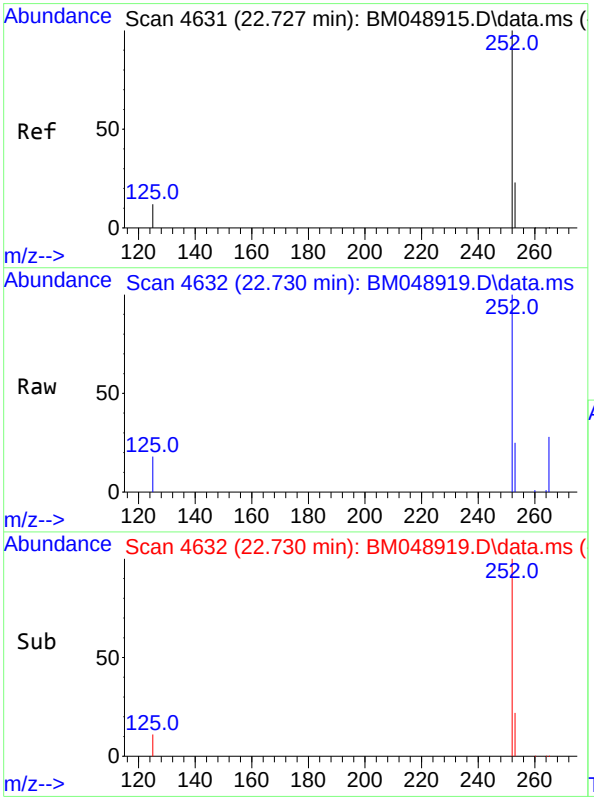
#24
Benzo(b)fluoranthene
Concen: 0.552 ng/ul
RT: 22.686 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:252 Resp: 13909

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	51.0
125	18.1	0.0	36.6

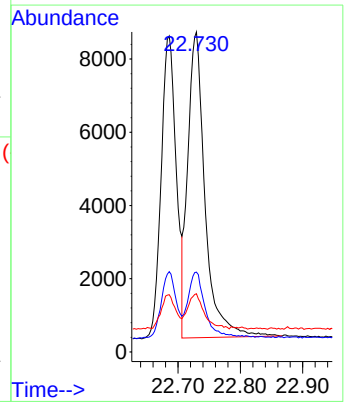


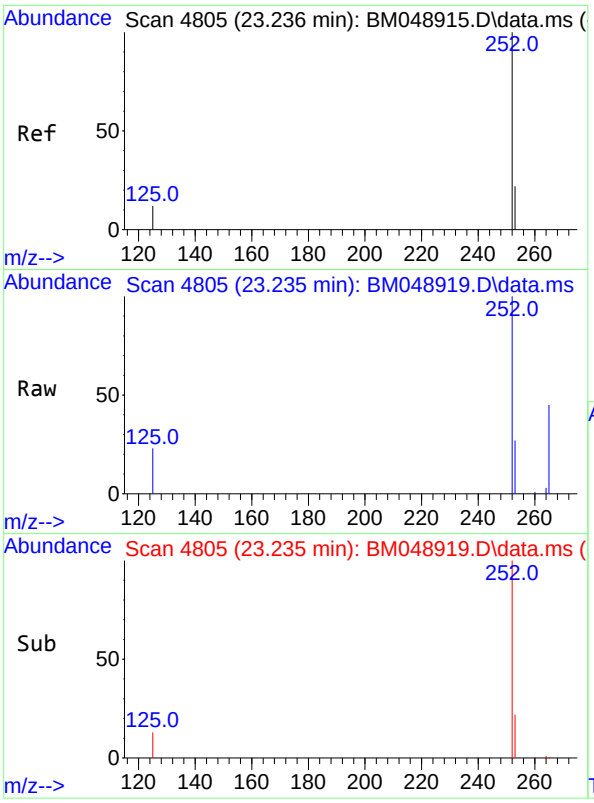


#25
Benzo(k)fluoranthene
Concen: 0.550 ng/ul
RT: 22.730 min Scan# 4632
Delta R.T. -0.003 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:252 Resp: 16023

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.5	30.7
125	18.2	17.3	25.9



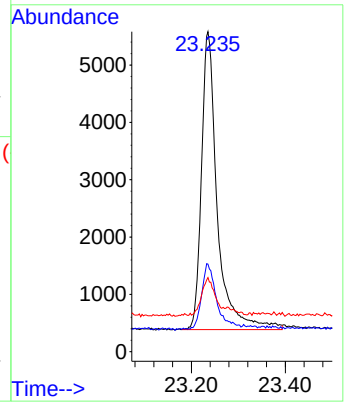


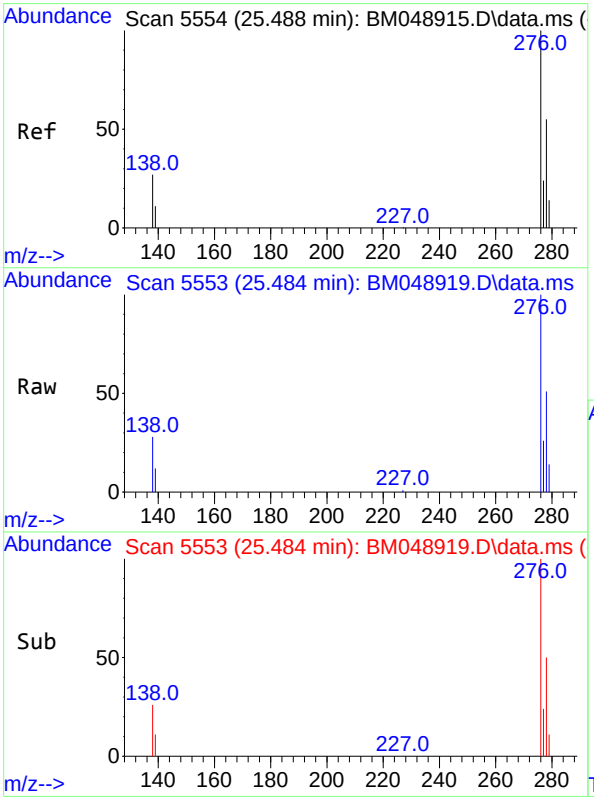
#26
Benzo(a)pyrene
Concen: 0.521 ng/ul
RT: 23.235 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:252 Resp: 12130

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.8
125	23.2	18.6	27.8

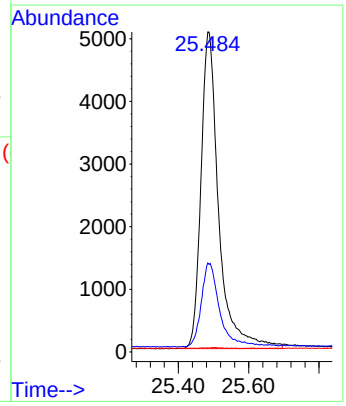


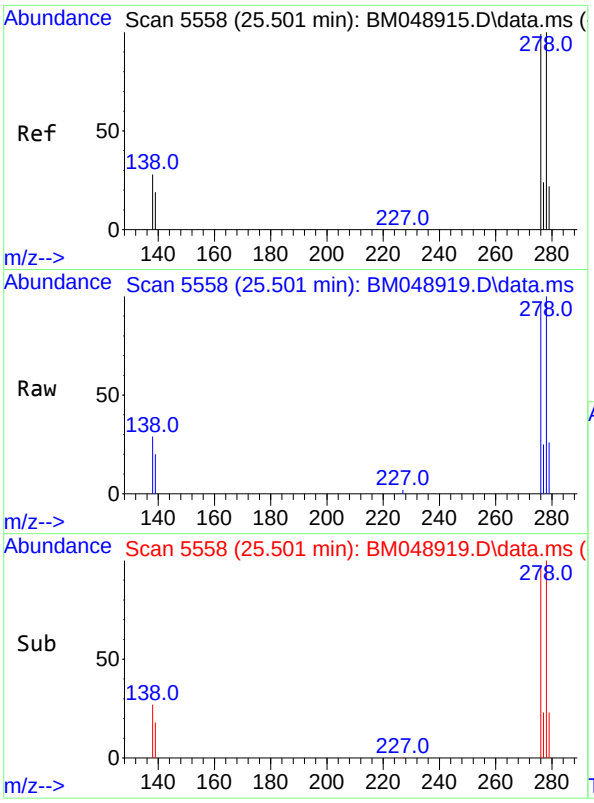


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.541 ng/ul
RT: 25.484 min Scan# 5553
Delta R.T. -0.007 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:276 Resp: 17692

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.1	33.1
227	0.2	0.2	0.2



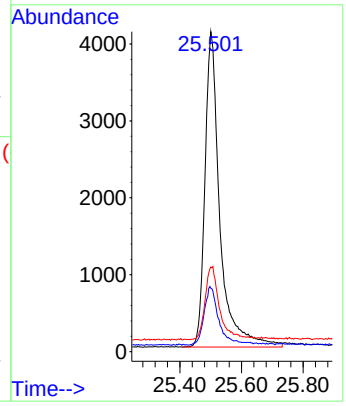


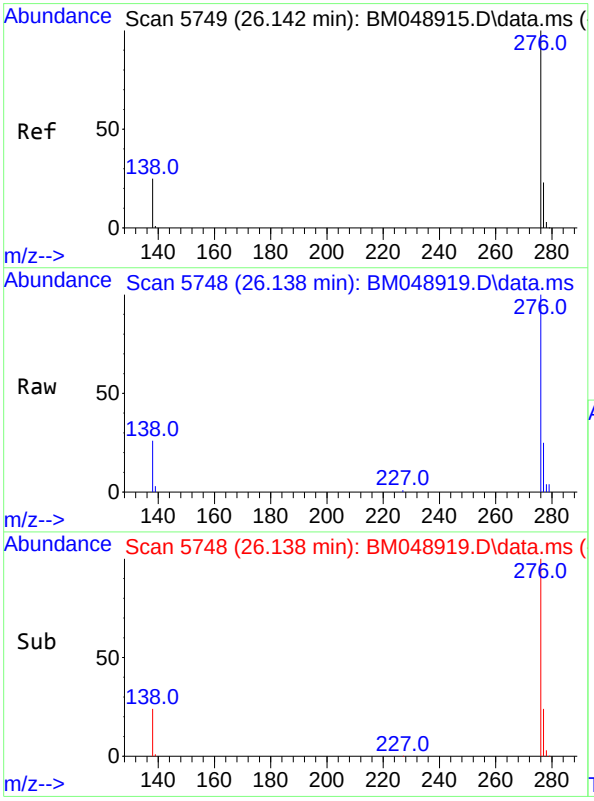
#28
Dibenzo(a,h)anthracene
Concen: 0.541 ng/ul
RT: 25.501 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Instrument :
BNA_M
ClientSampleId :
BHJ99MS

Tgt Ion:278 Resp: 13783

Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.4	26.0
279	26.5	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.563 ng/ul
RT: 26.138 min Scan# 5748
Delta R.T. -0.007 min
Lab File: BM048919.D
Acq: 10 Dec 2024 12:33

Tgt Ion:276 Resp: 14813

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.8	29.6
277	25.4	19.6	29.4