Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048811.D
Acq On : 02 Dec 2024 18:43
Operator : RC/JU
Sample : SSTD0.420
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Quant Time: Dec 03 00:12:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration

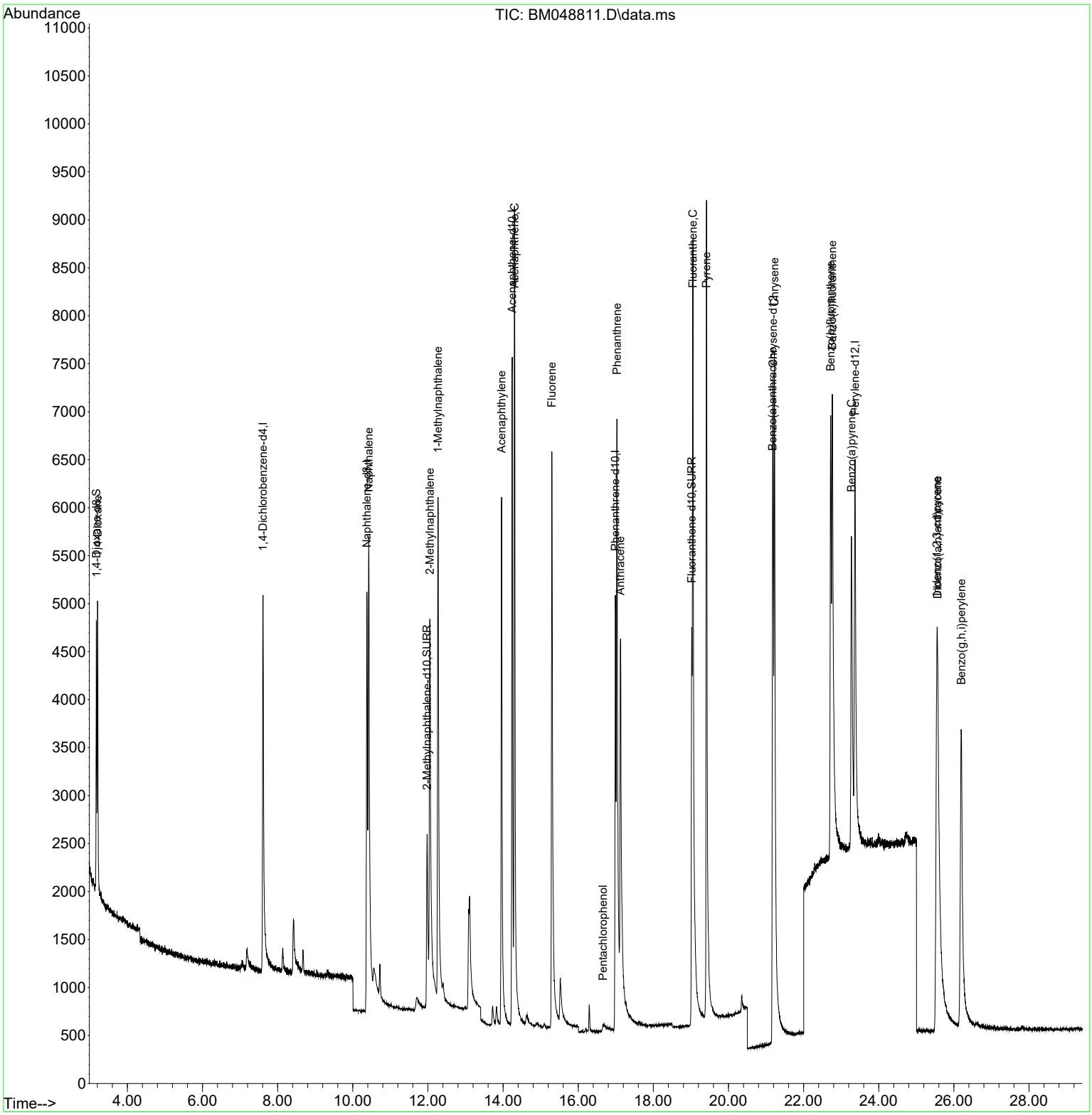
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	8838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	4778	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	8953	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	5613	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	6682	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1680	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	4327	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	7255	0.388	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	2029	0.476	ng/ul	100
5) Naphthalene	10.425	128	9049	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.053	142	5181	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	5523	0.368	ng/ul	99
10) Acenaphthylene	13.961	152	8491	0.375	ng/ul	100
11) Acenaphthene	14.303	153	6129	0.398	ng/ul	100
12) Fluorene	15.298	166	6378	0.372	ng/ul	100
14) Pentachlorophenol	16.656	266	182	0.073	ng/ul#	78
15) Phenanthrene	17.031	178	8876	0.347	ng/ul	100
16) Anthracene	17.124	178	8015	0.314	ng/ul	100
19) Fluoranthene	19.053	202	10395	0.364	ng/ul	100
20) Pyrene	19.416	202	10881	0.357	ng/ul	100
21) Benzo(a)anthracene	21.172	228	6127	0.230	ng/ul	100
22) Chrysene	21.222	228	10143	0.400	ng/ul	100
24) Benzo(b)fluoranthene	22.721	252	7122	0.255	ng/ul	100
25) Benzo(k)fluoranthene	22.764	252	10529	0.378	ng/ul	100
26) Benzo(a)pyrene	23.273	252	7616	0.295	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.547	276	9949	0.291	ng/ul	100
28) Dibenzo(a,h)anthracene	25.564	278	7588	0.298	ng/ul	100
29) Benzo(g,h,i)perylene	26.195	276	8703	0.321	ng/ul	100

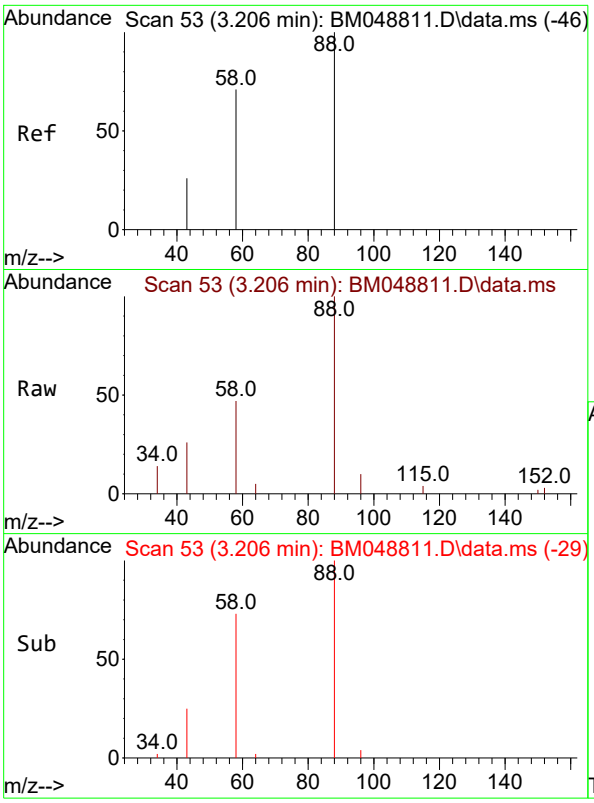
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048811.D
Acq On : 02 Dec 2024 18:43
Operator : RC/JU
Sample : SSTD0.420
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Quant Time: Dec 03 00:12:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration



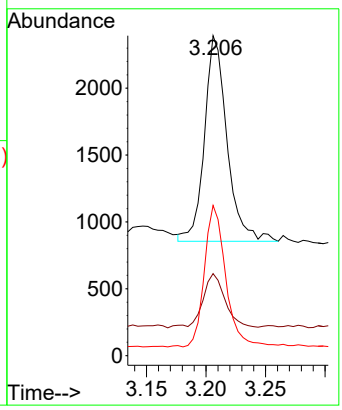


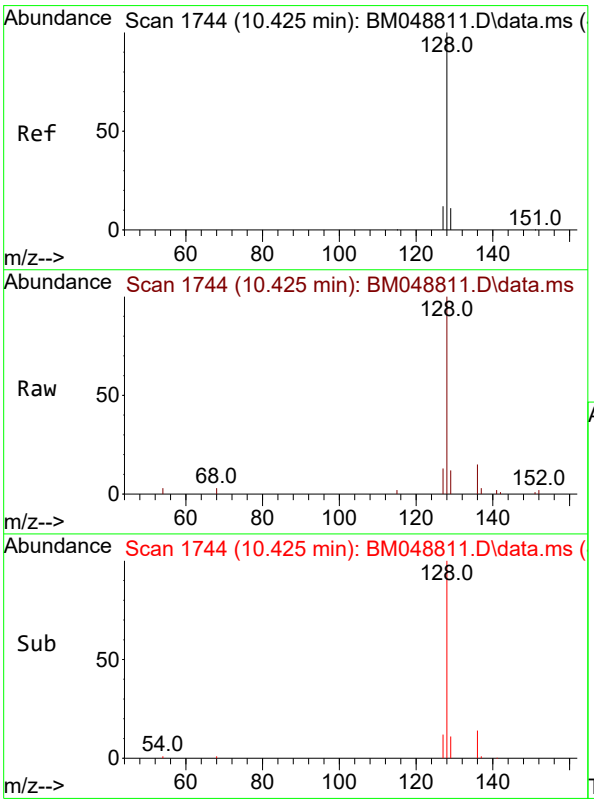
#2
1,4-Dioxane
Concen: 0.476 ng/ul
RT: 3.206 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion: 88 Resp: 2029

Ion	Ratio	Lower	Upper
88	100		
43	25.7	20.6	30.8
58	47.0	37.6	56.4

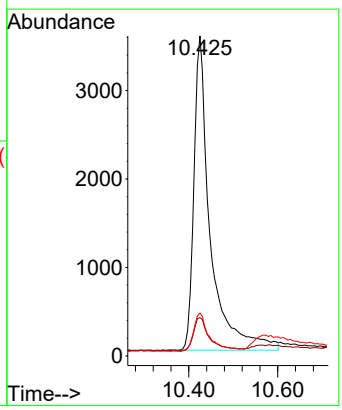


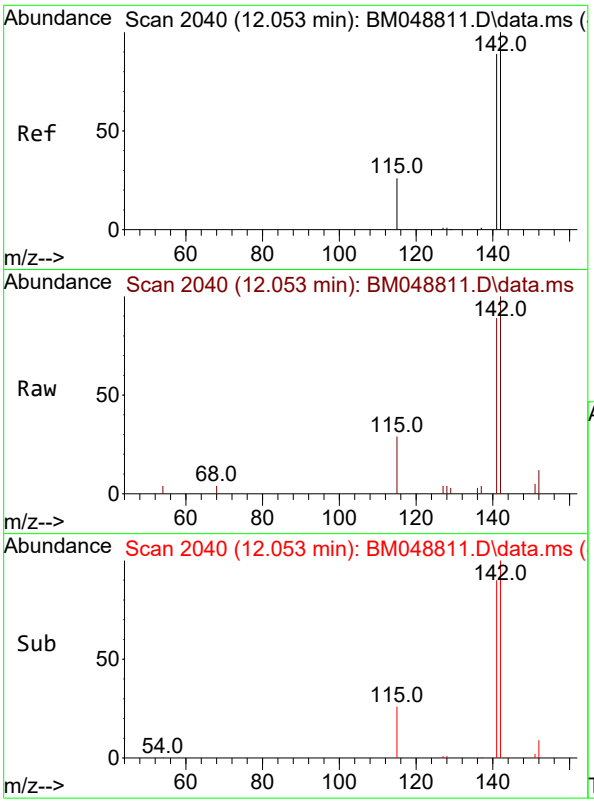


#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:128 Resp: 9049

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	13.4	10.7	16.1



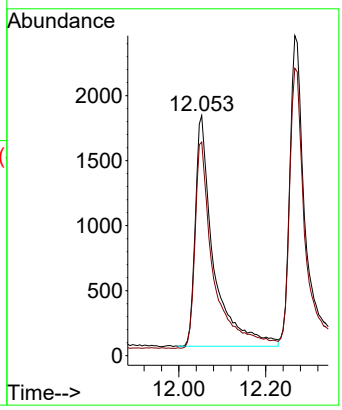


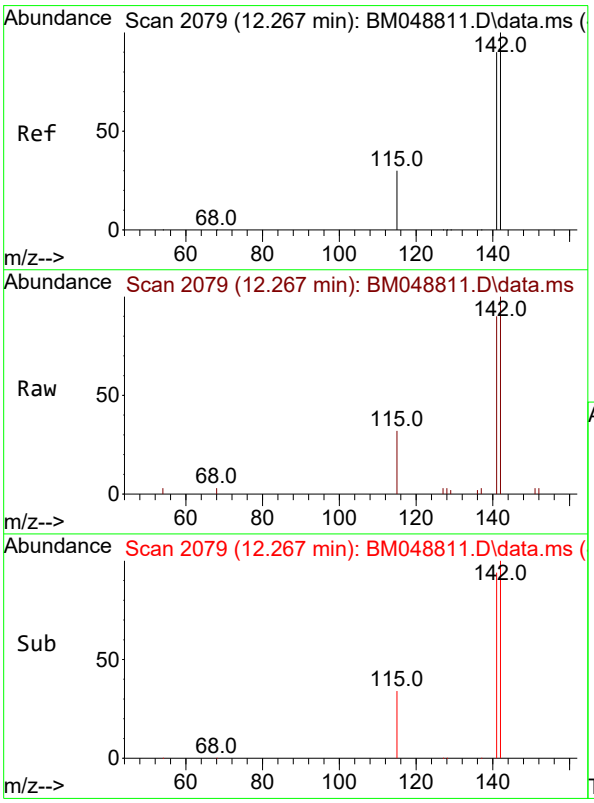
#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:142 Resp: 5181

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.6

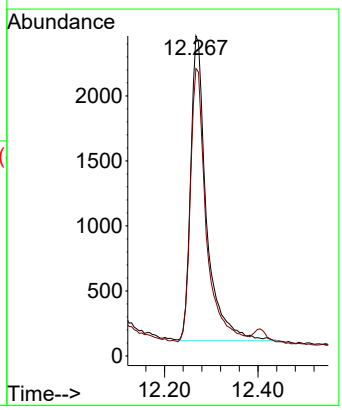


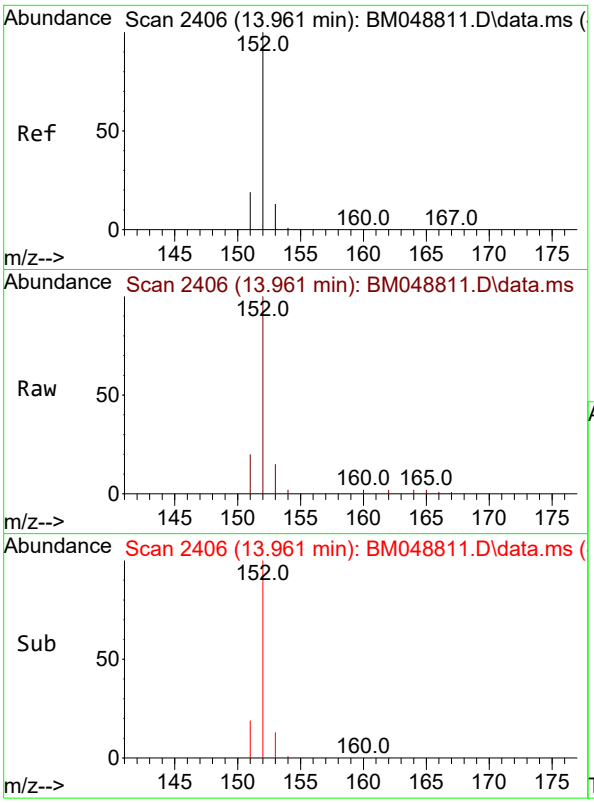


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:142 Resp: 5523

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.5	108.7



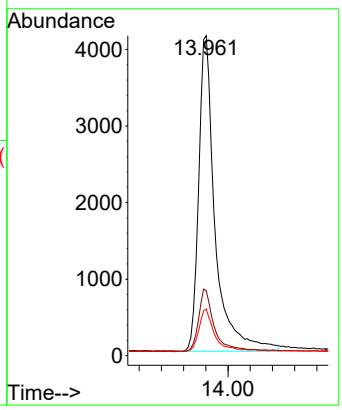


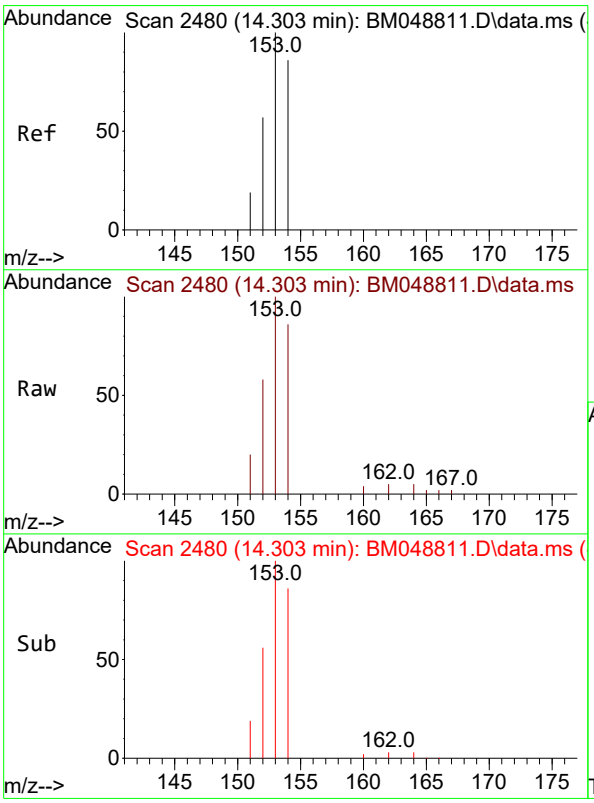
#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 13.961 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:152 Resp: 8491

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.6	11.7	17.5

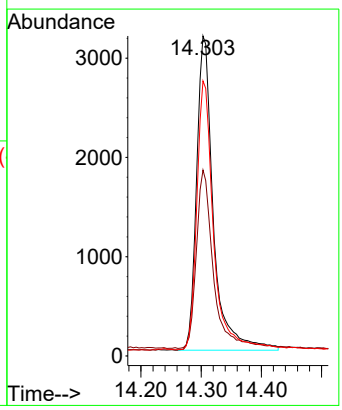


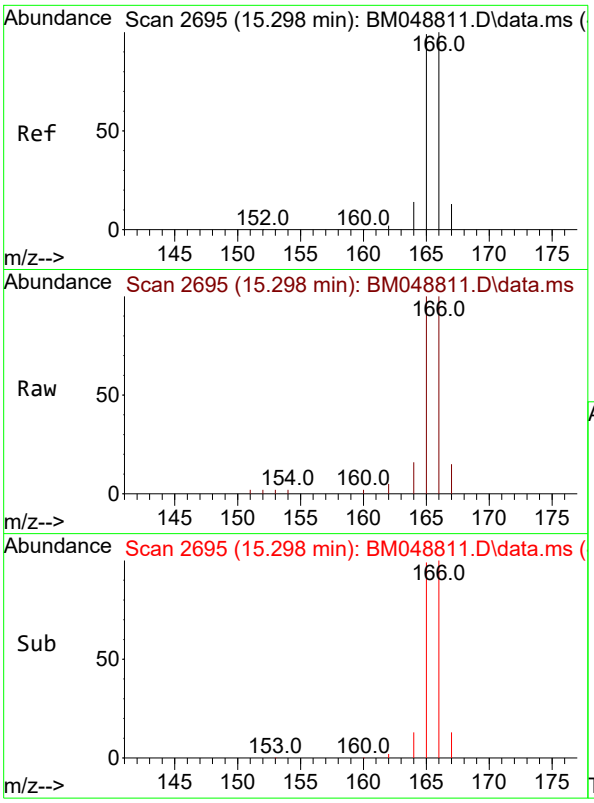


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:153 Resp: 6129

Ion	Ratio	Lower	Upper
153	100		
152	58.1	46.5	69.7
154	85.9	68.7	103.1



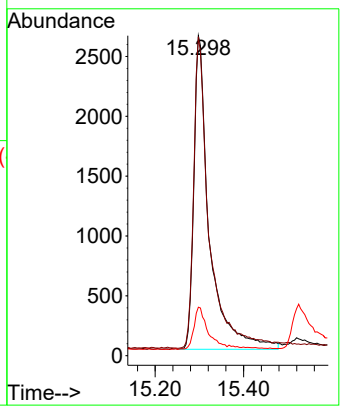


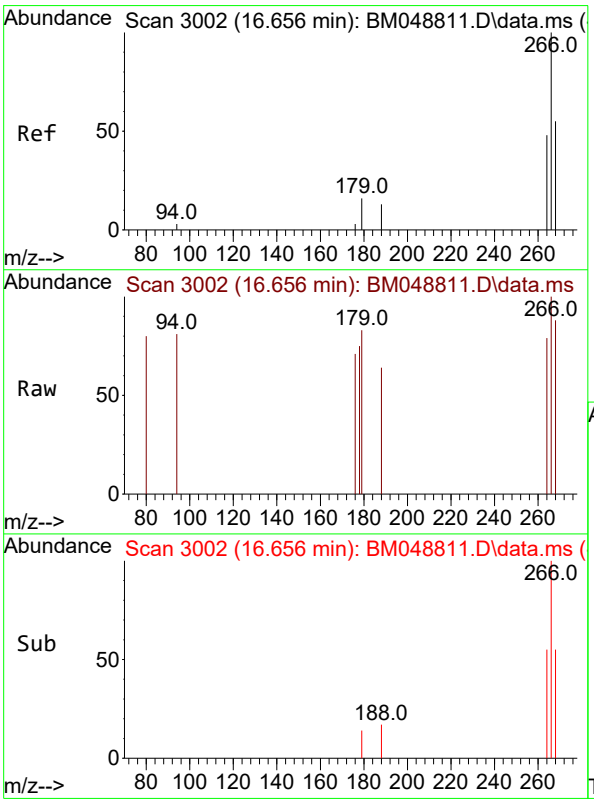
#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:166 Resp: 6378

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.6
167	15.2	12.2	18.2

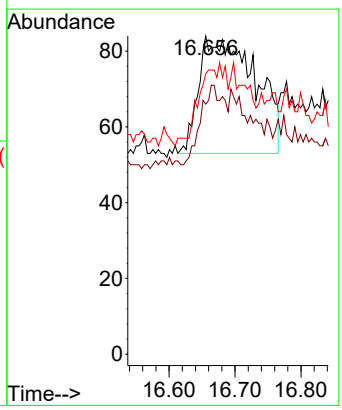


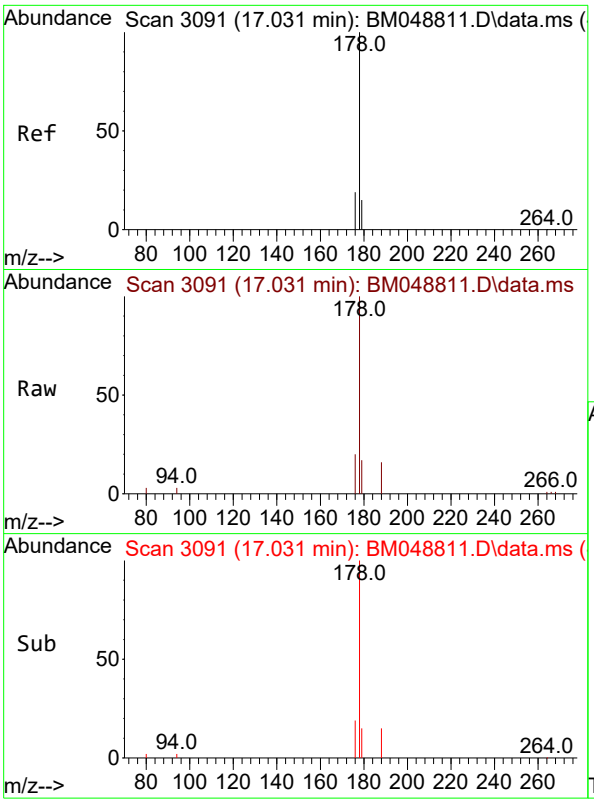


#14
Pentachlorophenol
Concen: 0.073 ng/ul
RT: 16.656 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
264	29.1	15.3	22.9#
268	0.0	0.0	0.0



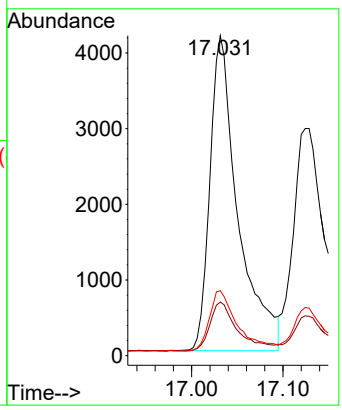


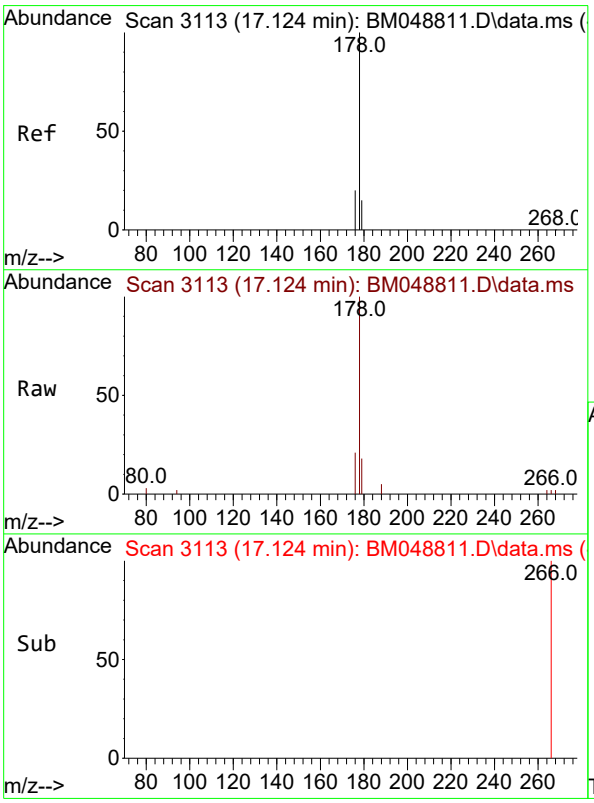
#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.031 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:178 Resp: 8876

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.0
176	20.3	16.2	24.4

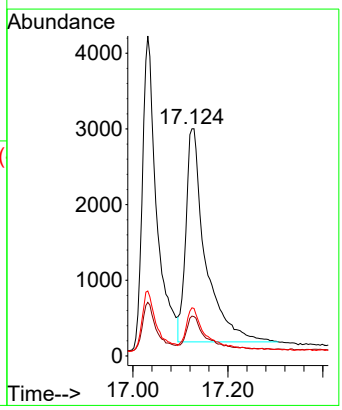


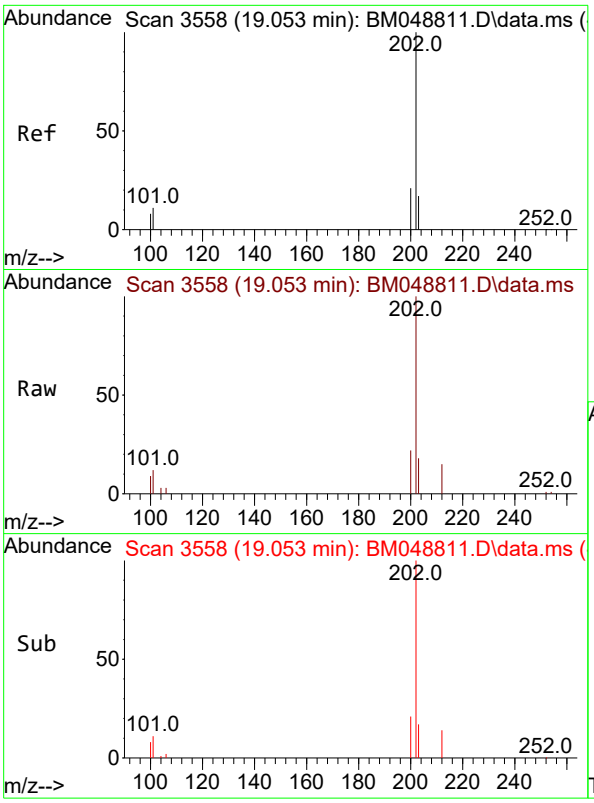


#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.124 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:178 Resp: 8015

Ion	Ratio	Lower	Upper
178	100		
179	17.5	14.0	21.0
176	21.2	17.0	25.4



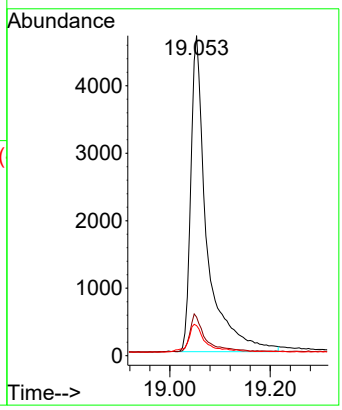


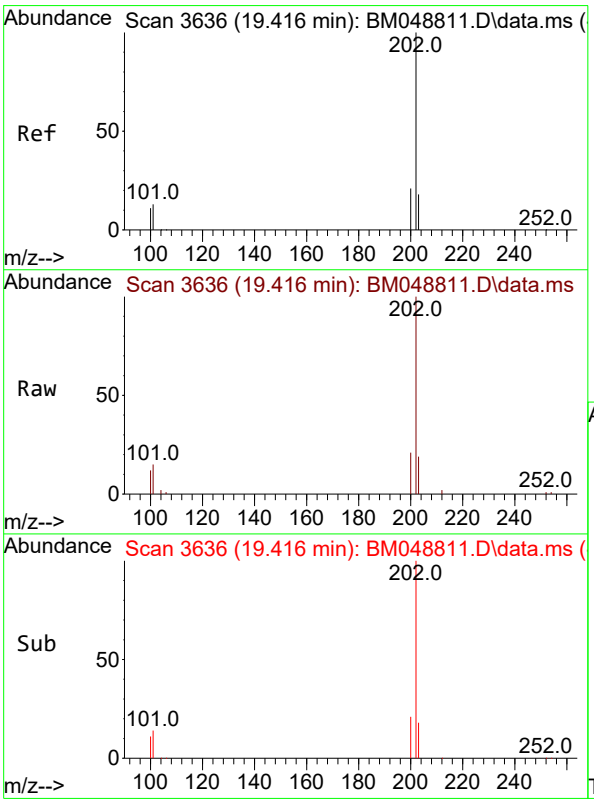
#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.053 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:202 Resp: 10395

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.4	7.5	11.3

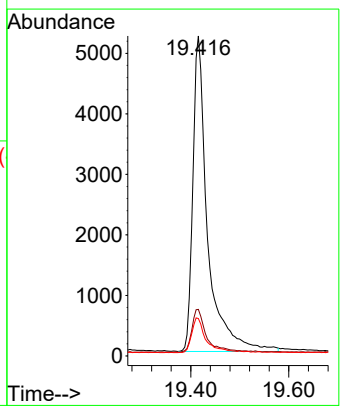


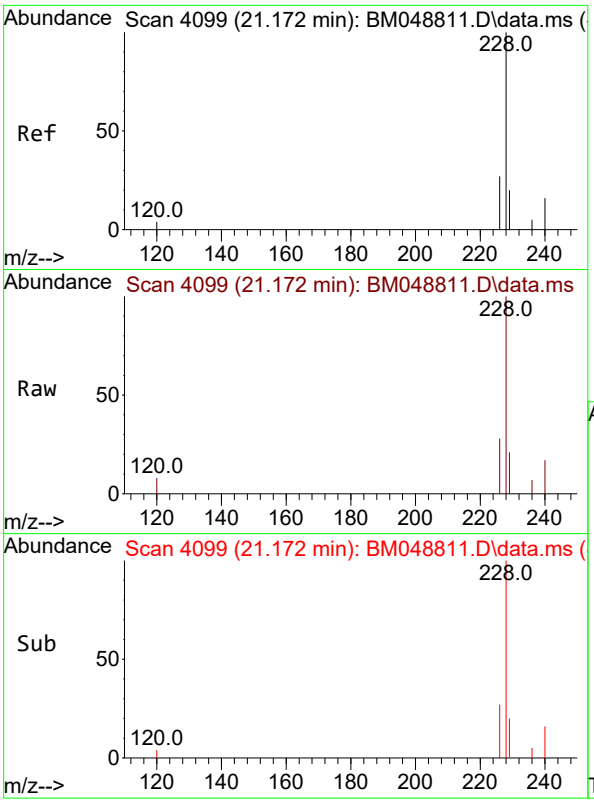


#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:202 Resp: 10881

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.6	17.4
100	11.7	9.4	14.0



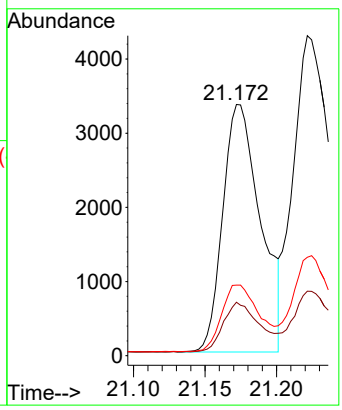


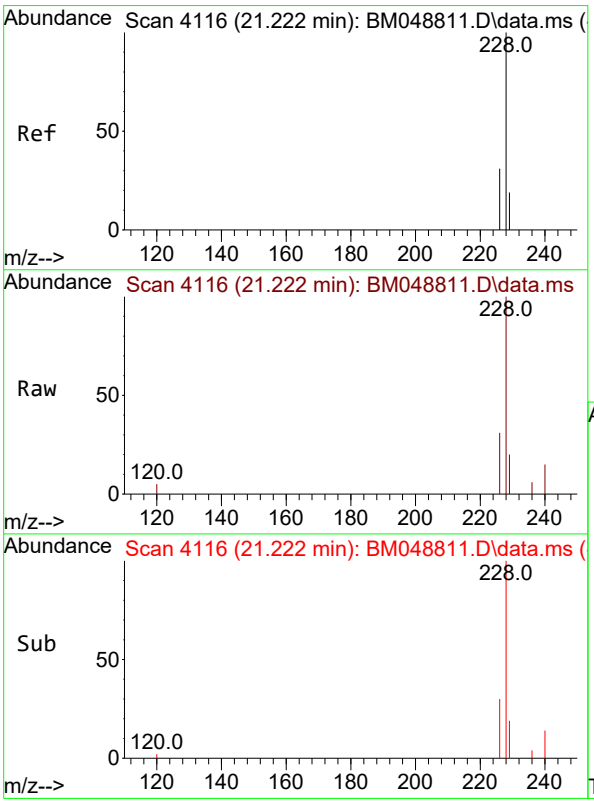
#21
Benzo(a)anthracene
Concen: 0.230 ng/ul
RT: 21.172 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:228 Resp: 6127

Ion	Ratio	Lower	Upper
228	100		
229	21.3	17.0	25.6
226	28.1	22.5	33.7

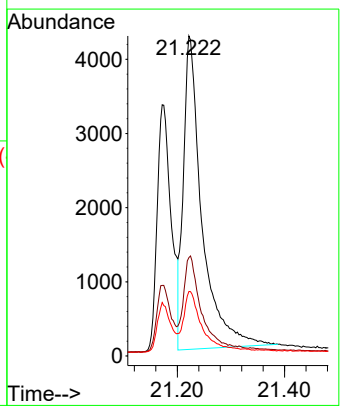


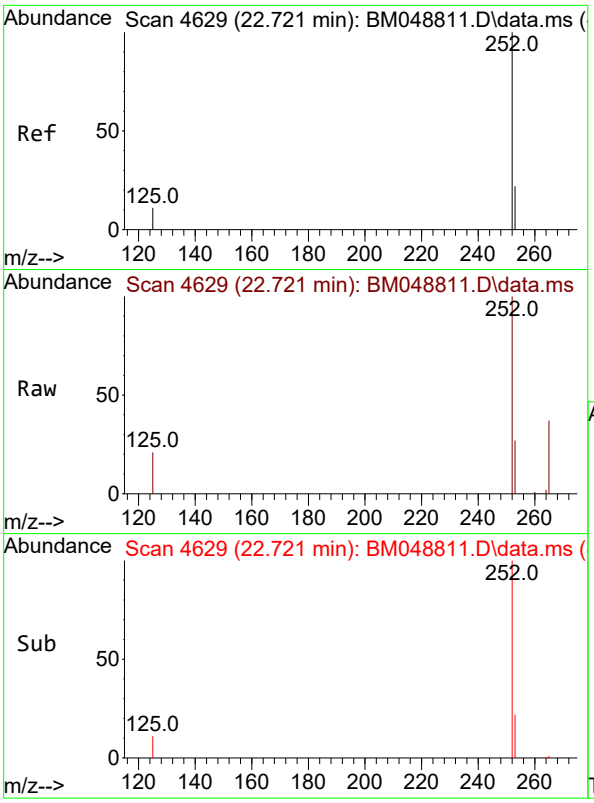


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.222 min Scan# 4116
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:228 Resp: 10143

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.1	16.1	24.1



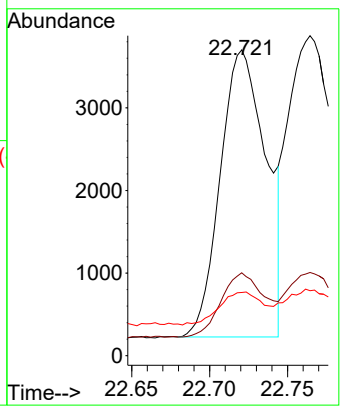


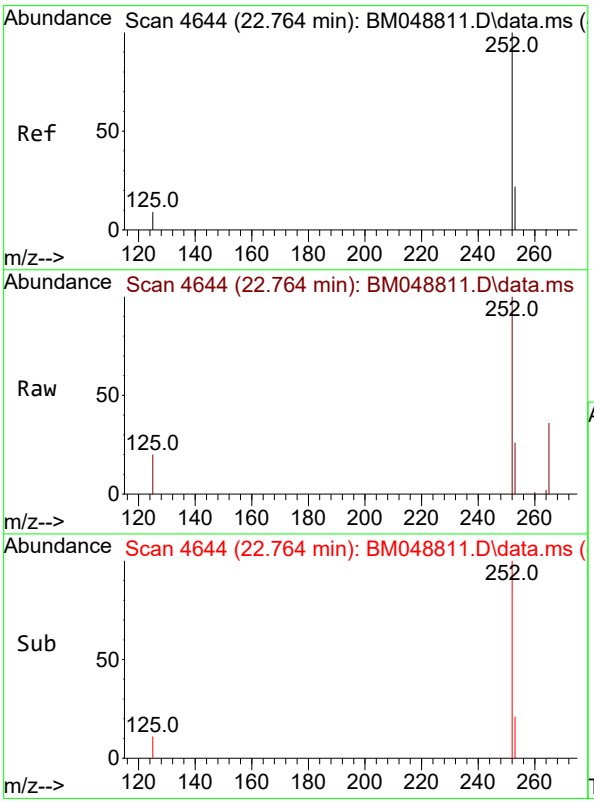
#24
Benzo(b)fluoranthene
Concen: 0.255 ng/ul
RT: 22.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:252 Resp: 7122

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	54.2
125	20.7	0.0	41.4

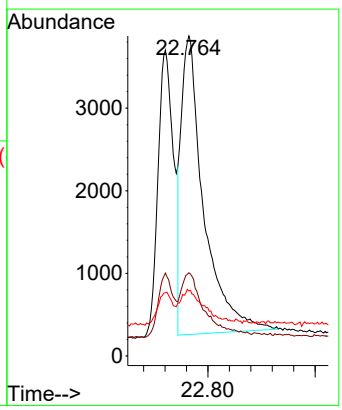


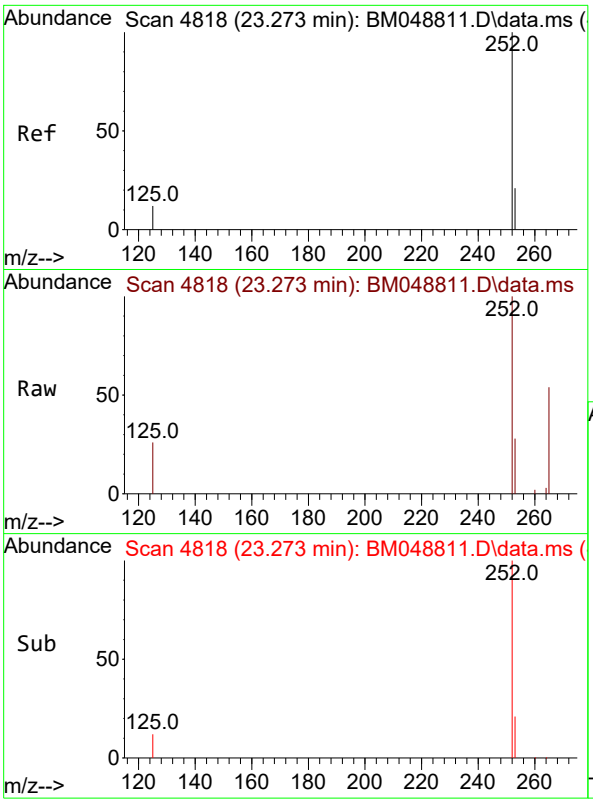


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.764 min Scan# 4644
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:252 Resp: 10529

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	20.3	16.2	24.4



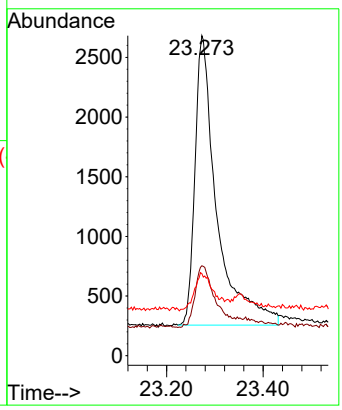


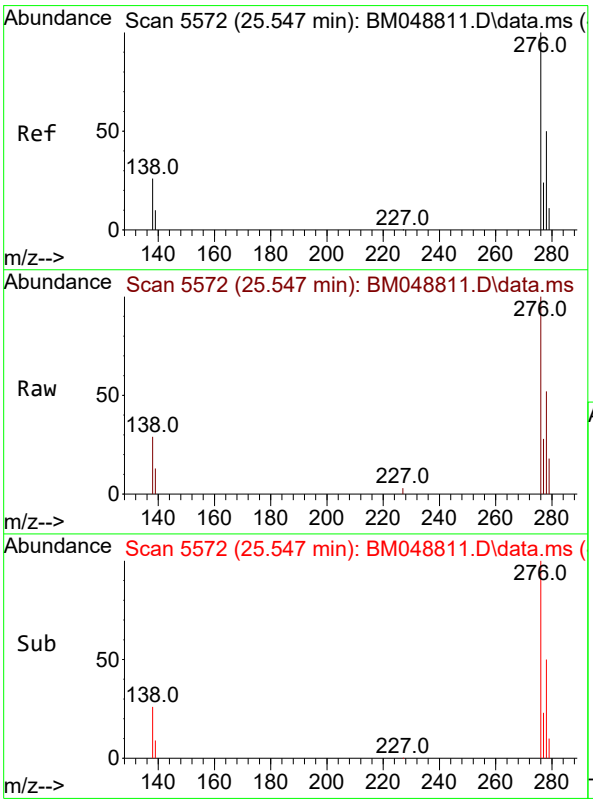
#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 23.273 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:252 Resp: 7616

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.5	33.7
125	25.7	20.6	30.8

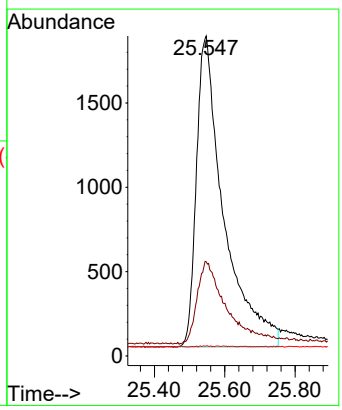


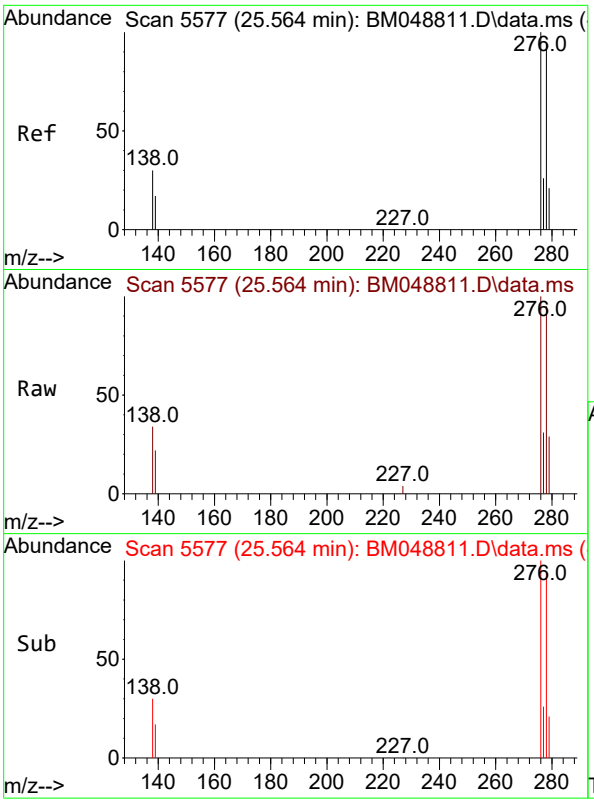


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.547 min Scan# 5572
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:276 Resp: 9949

Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.3	34.9
227	0.1	0.1	0.1



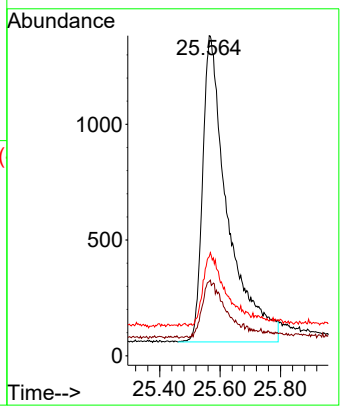


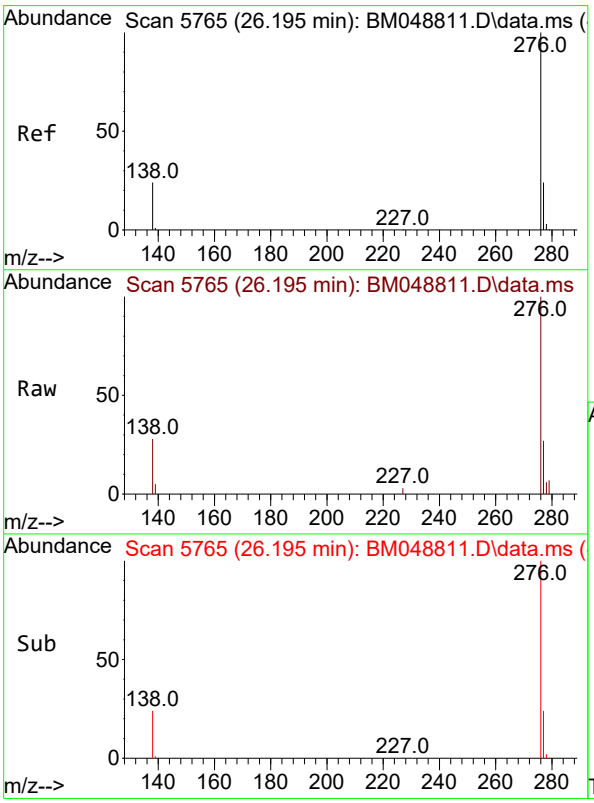
#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 25.564 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4001

Tgt Ion:278 Resp: 7588

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.6	27.8
279	30.9	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 26.195 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM048811.D
Acq: 02 Dec 2024 18:43

Tgt Ion:276 Resp: 8703

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.2	33.2
277	27.2	21.8	32.6