Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048930.D
Acq On : 10 Dec 2024 19:09
Operator : RC/JU
Sample : PB165472BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 10 22:50:18 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

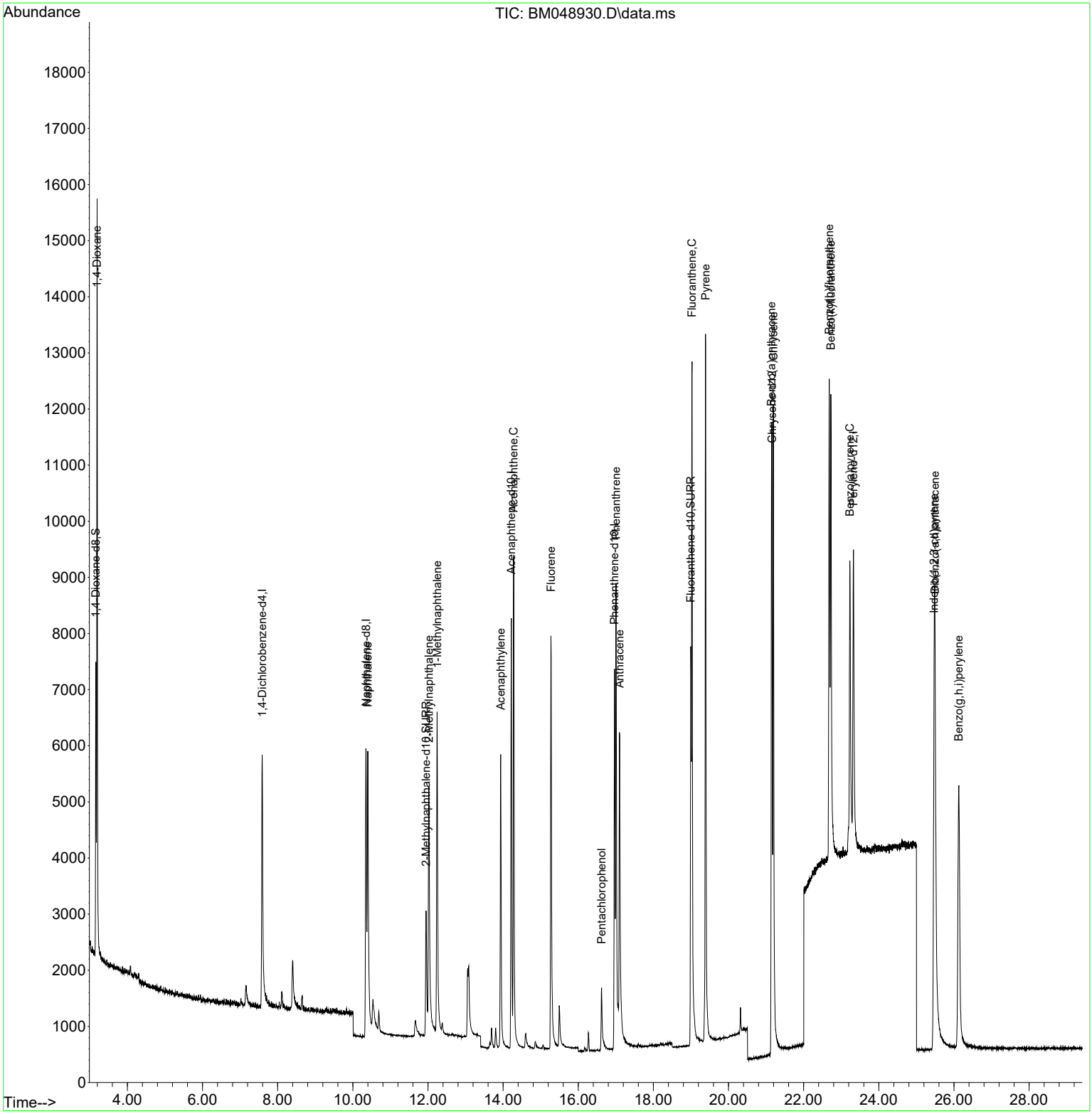
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	3420	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	9157	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.218	164	4764	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.962	188	9677	0.400	ng/ul	0.00
17) Chrysene-d12	21.158	240	7592	0.400	ng/ul	0.00
23) Perylene-d12	23.326	264	7815	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	3023	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	4538	0.389	ng/ul	0.00
18) Fluoranthene-d10	18.996	212	9434	0.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	8251	1.784	ng/ul#	81
5) Naphthalene	10.396	128	8796	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.024	142	5077	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.244	142	5278	0.361	ng/ul	99
10) Acenaphthylene	13.936	152	7264	0.361	ng/ul	99
11) Acenaphthene	14.279	153	5659	0.371	ng/ul	98
12) Fluorene	15.273	166	6193	0.366	ng/ul	99
14) Pentachlorophenol	16.621	266	1115	0.559	ng/ul	94
15) Phenanthrene	17.005	178	9982	0.376	ng/ul	99
16) Anthracene	17.098	178	8552	0.362	ng/ul	98
19) Fluoranthene	19.029	202	11995	0.381	ng/ul	99
20) Pyrene	19.391	202	12529	0.369	ng/ul	99
21) Benzo(a)anthracene	21.143	228	9055	0.339	ng/ul	97
22) Chrysene	21.193	228	12346	0.408	ng/ul	99
24) Benzo(b)fluoranthene	22.680	252	10879	0.403	ng/ul	99
25) Benzo(k)fluoranthene	22.724	252	12534	0.401	ng/ul	98
26) Benzo(a)pyrene	23.230	252	9838	0.394	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.471	276	13305	0.379	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.497	278	10073	0.369	ng/ul	97
29) Benzo(g,h,i)perylene	26.131	276	11127	0.394	ng/ul	98

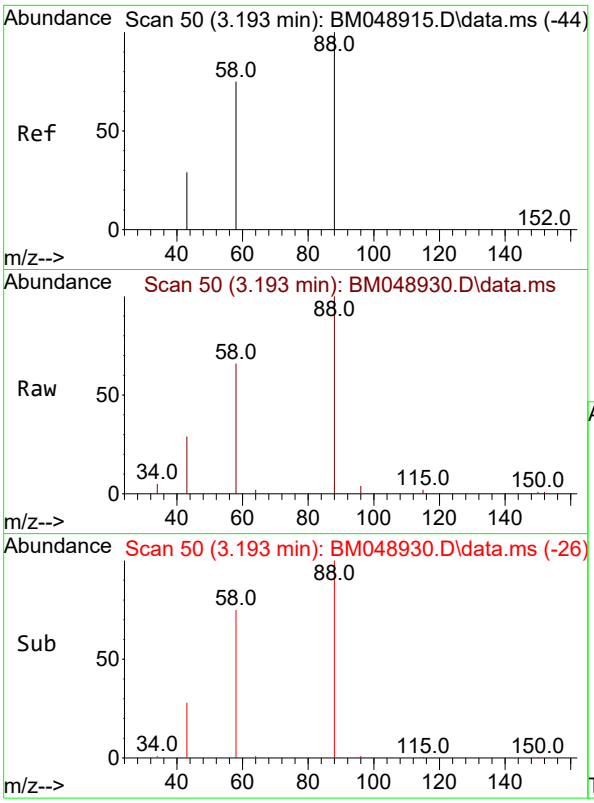
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048930.D
Acq On : 10 Dec 2024 19:09
Operator : RC/JU
Sample : PB165472BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 10 22:50:18 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



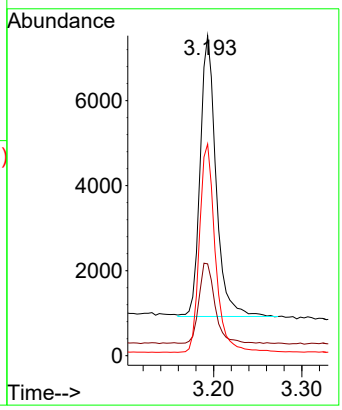


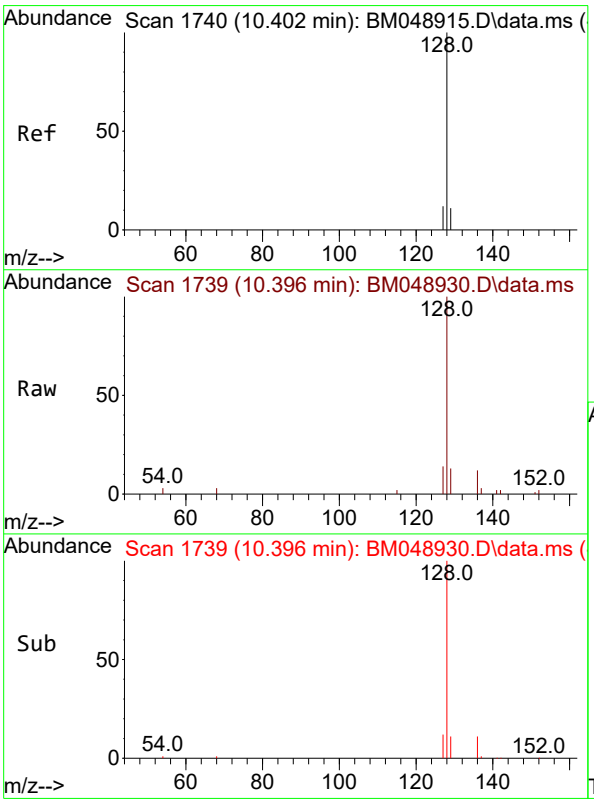
#2
1,4-Dioxane
Concen: 1.784 ng/ul
RT: 3.193 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8251

Ion	Ratio	Lower	Upper
88	100		
43	28.7	32.3	48.5#
58	66.2	42.0	63.0#

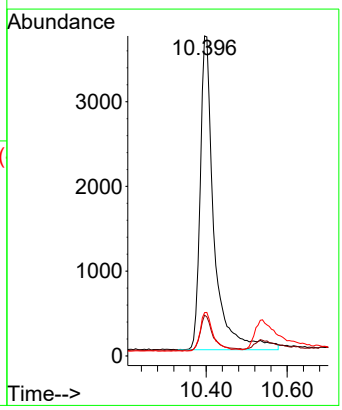


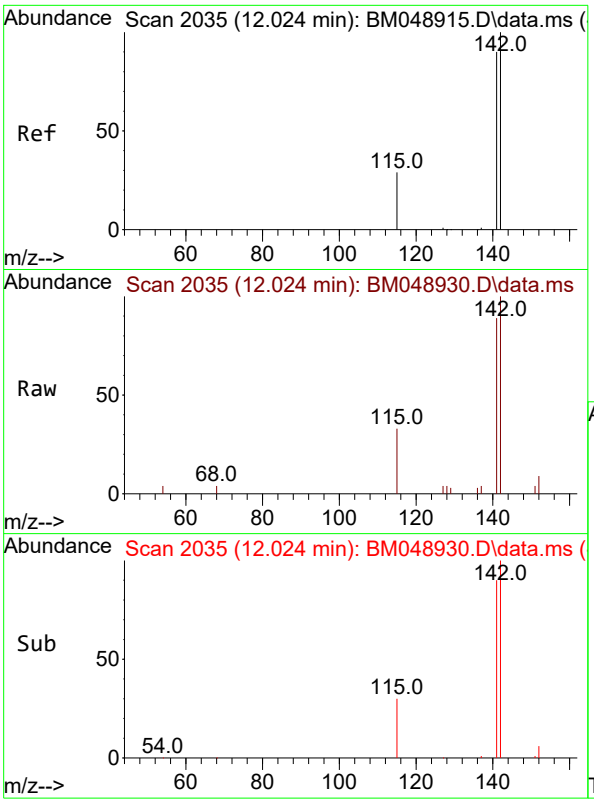


#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.396 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:128 Resp: 8796

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	13.5	10.6	16.0



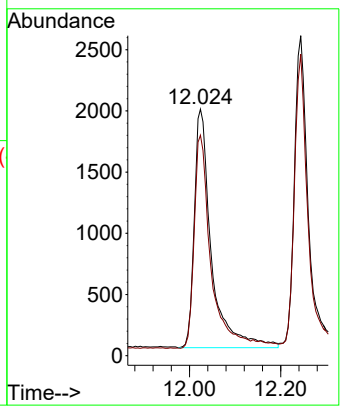


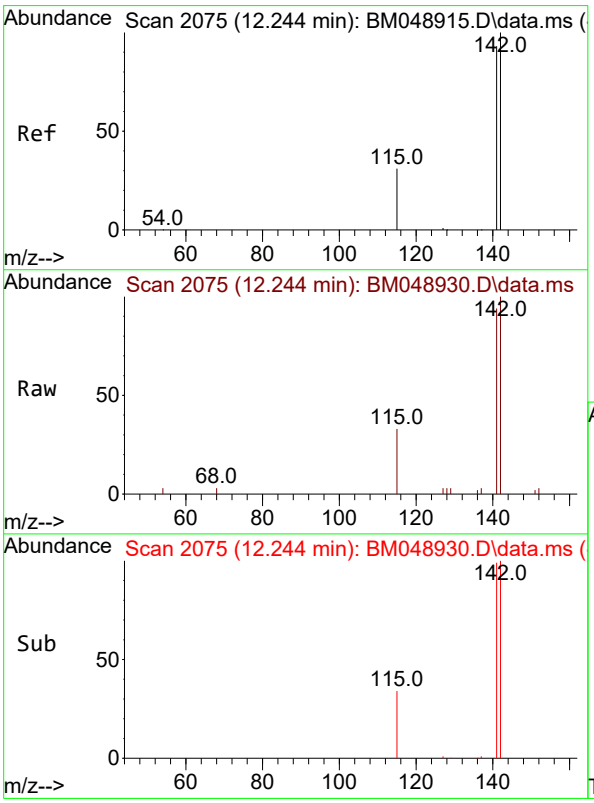
#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.024 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5077

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8

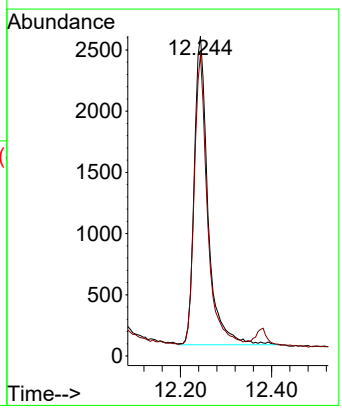


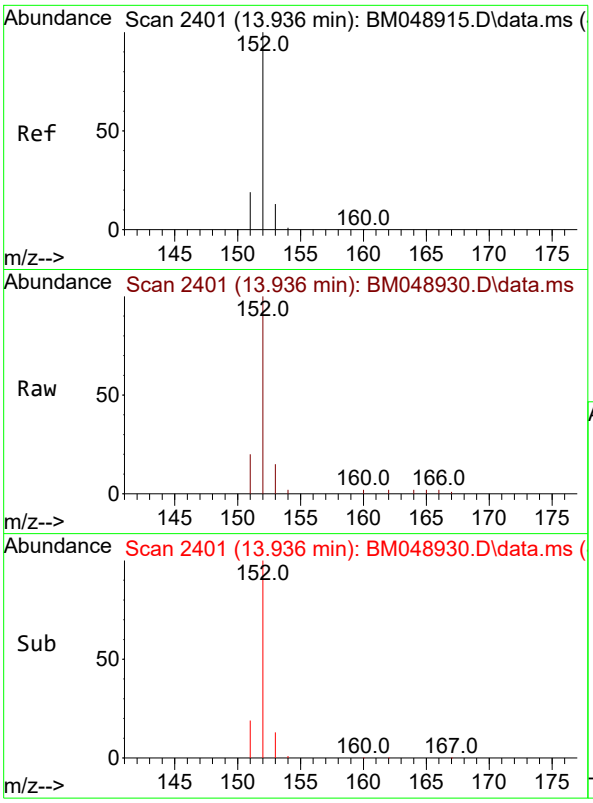


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.244 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:142 Resp: 5278

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2



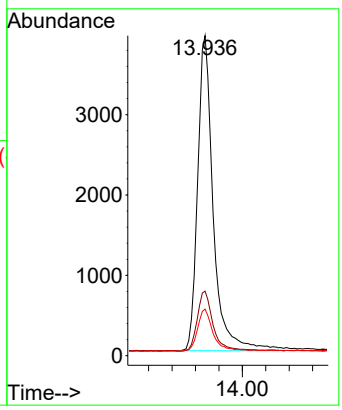


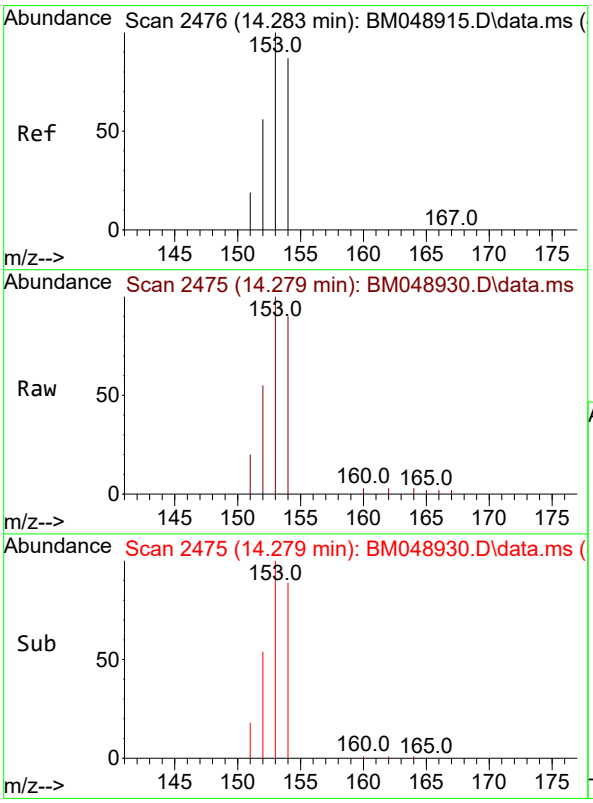
#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.936 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 7264

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.5	11.2	16.8

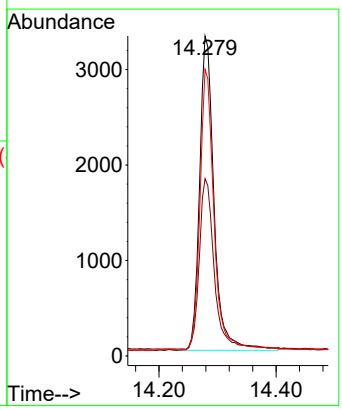


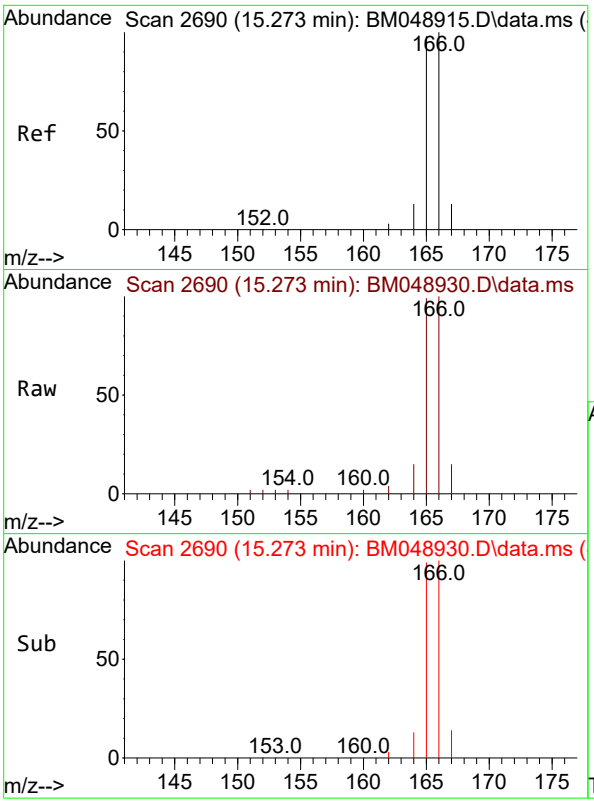


#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.279 min Scan# 2475
Delta R.T. -0.005 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:153 Resp: 5659

Ion	Ratio	Lower	Upper
153	100		
152	55.4	43.5	65.3
154	89.6	69.5	104.3



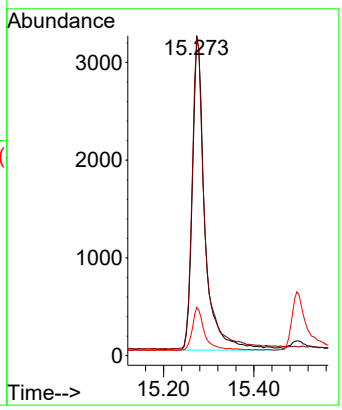


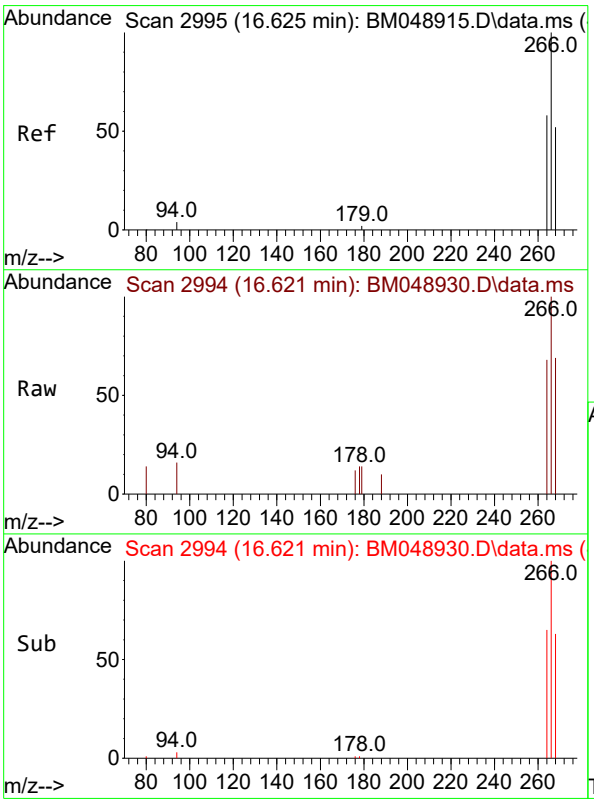
#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.273 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 6193

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.1	117.1
167	15.1	11.6	17.4

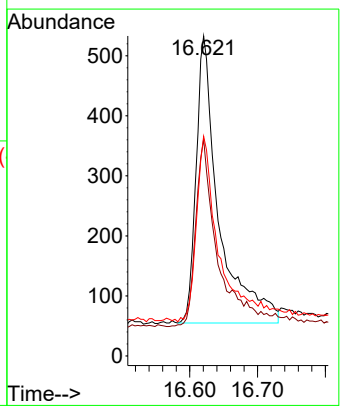


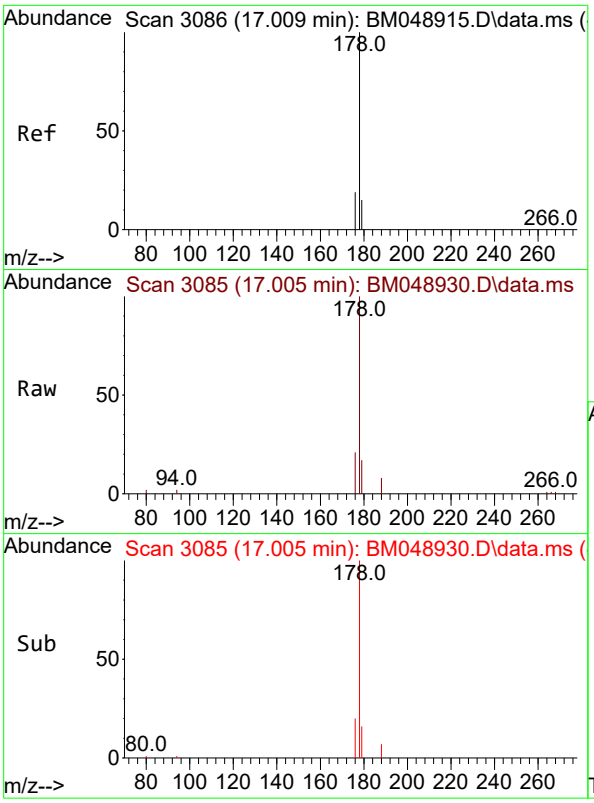


#14
Pentachlorophenol
Concen: 0.559 ng/ul
RT: 16.621 min Scan# 2994
Delta R.T. -0.004 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:266 Resp: 1115

Ion	Ratio	Lower	Upper
266	100		
264	68.3	47.9	71.9
268	70.8	55.0	82.6



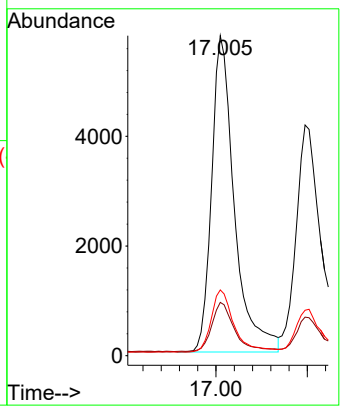


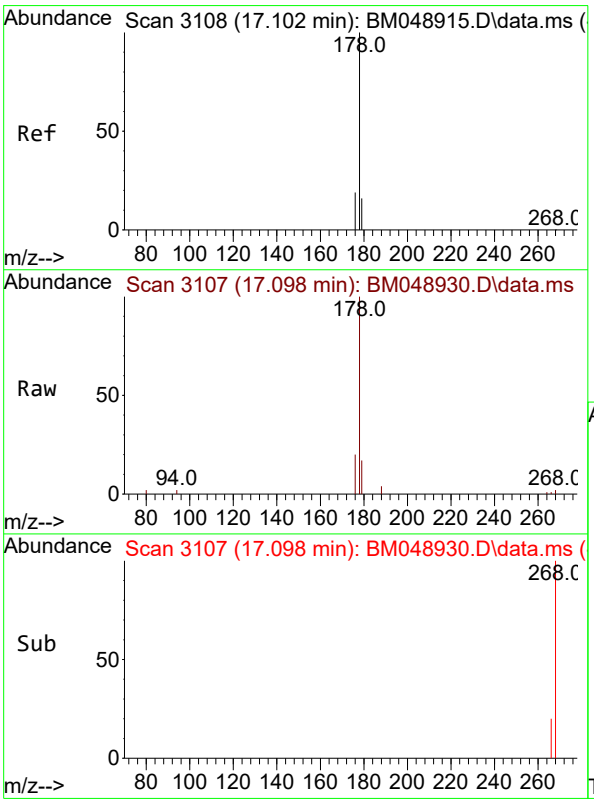
#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.005 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 9982

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.5	15.8	23.8

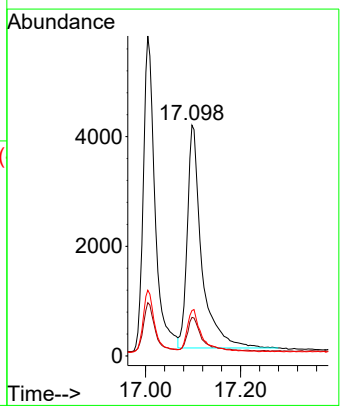


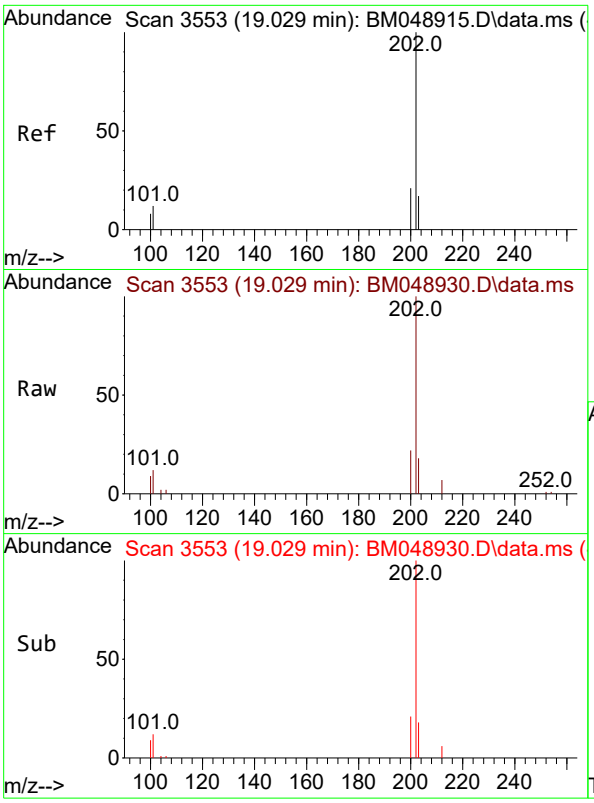


#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.098 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:178 Resp: 8552

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.7	15.0	22.6



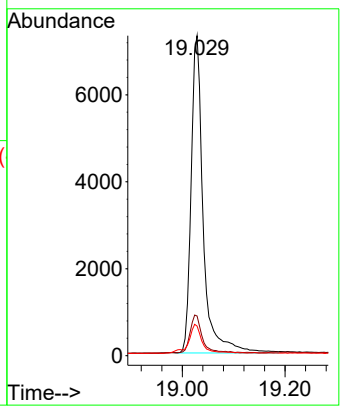


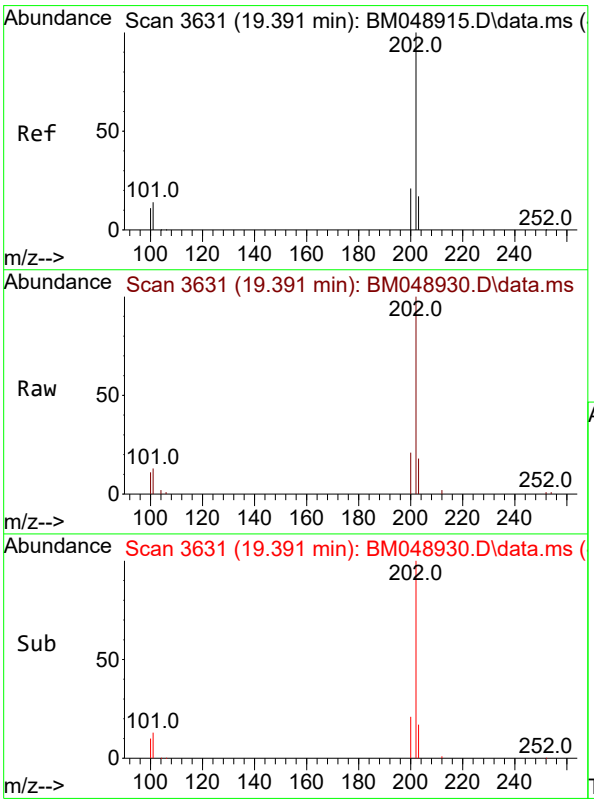
#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.029 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 11995

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.2	7.3	10.9

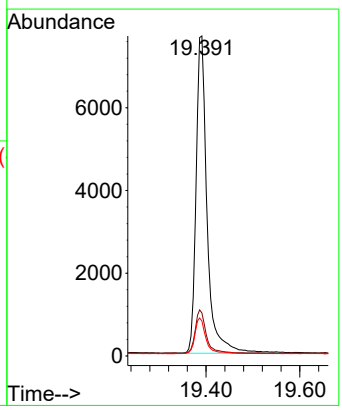


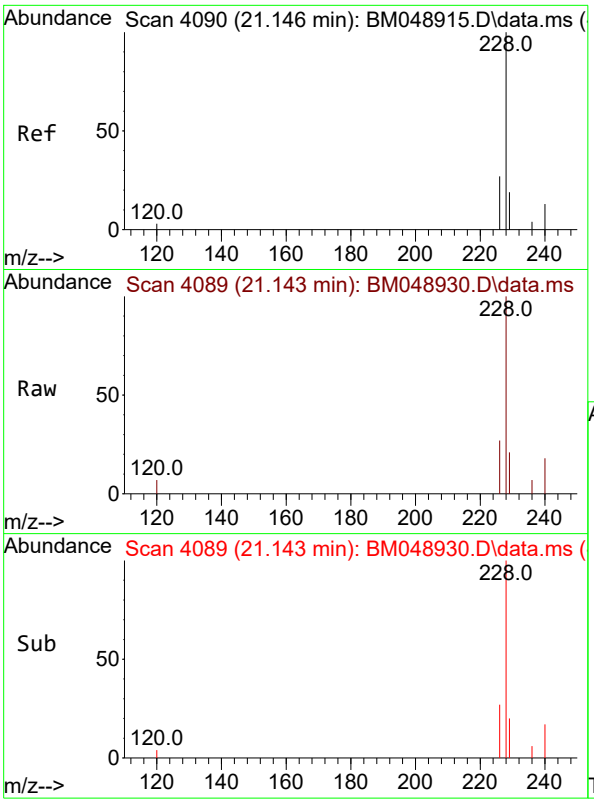


#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.391 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:202 Resp: 12529

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	10.9	8.4	12.6



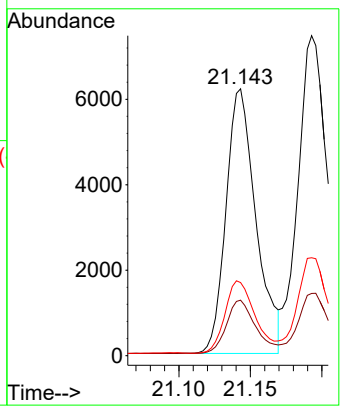


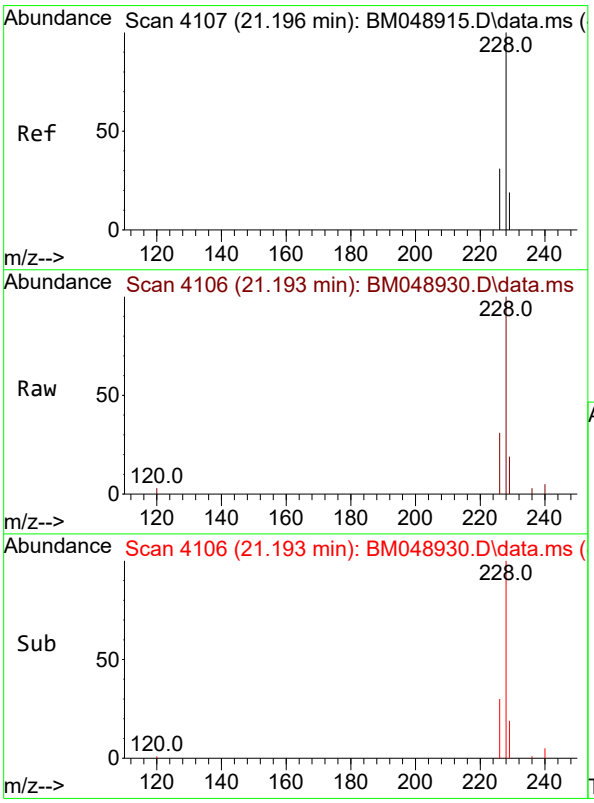
#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.143 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 9055

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.4	23.0	34.4

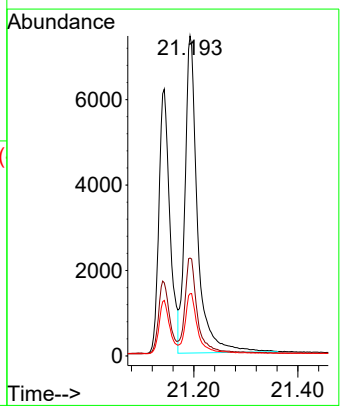


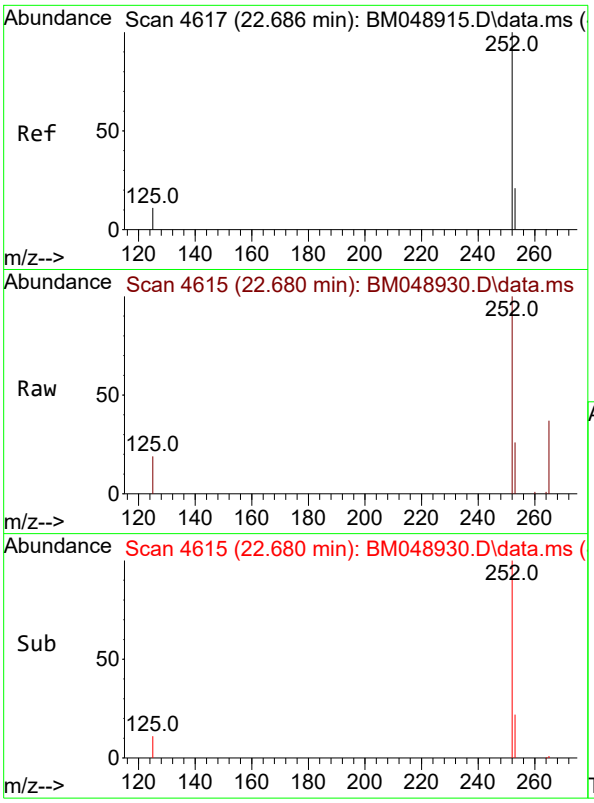


#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.193 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:228 Resp: 12346

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.5	16.0	24.0



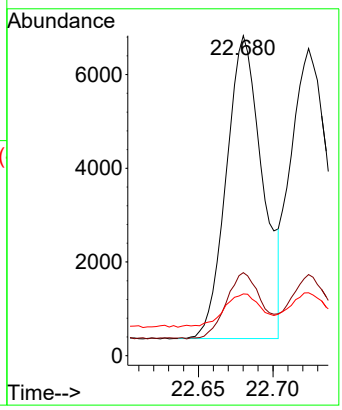


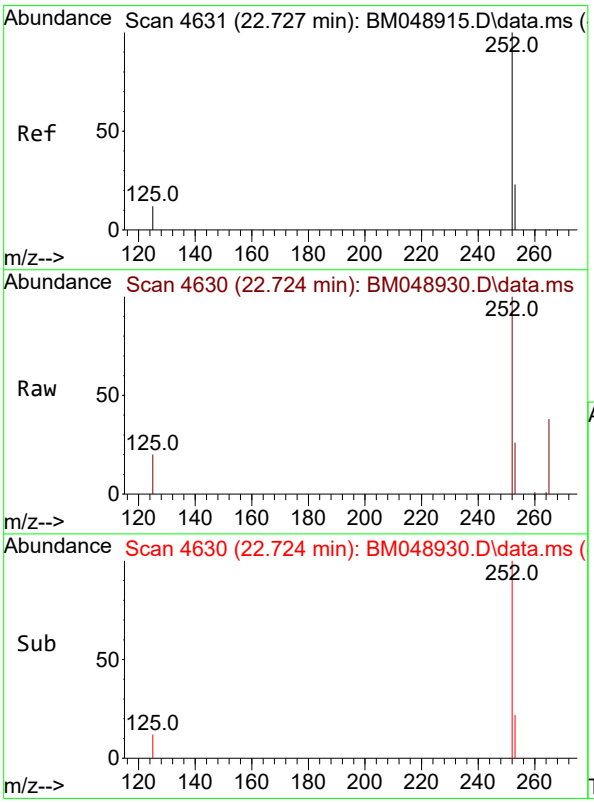
#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.680 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 10879

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	51.0
125	19.3	0.0	36.6

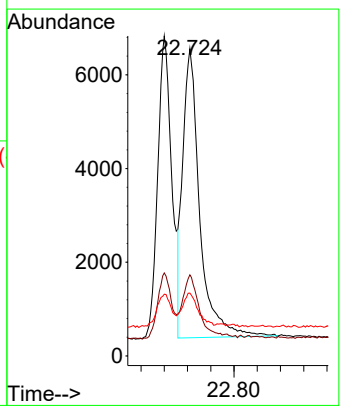


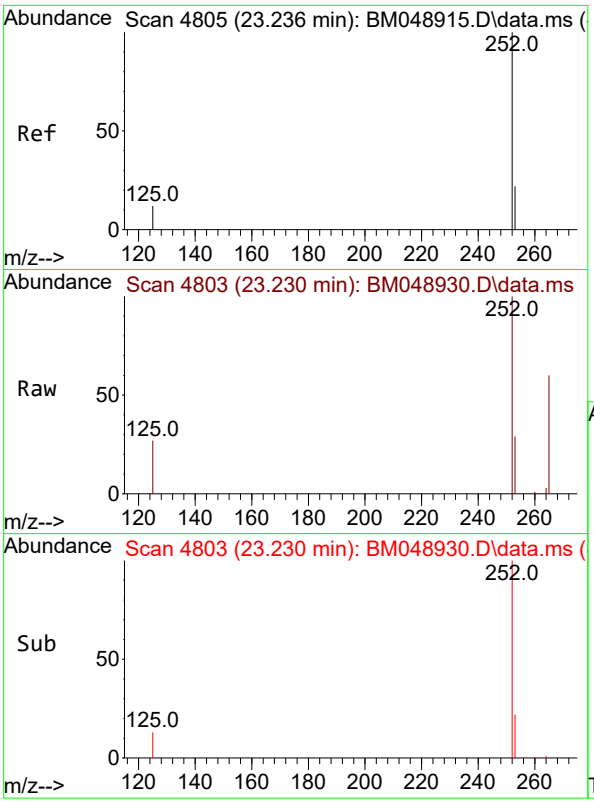


#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.724 min Scan# 4630
Delta R.T. -0.009 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:252 Resp: 12534

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.5	30.7
125	20.5	17.3	25.9



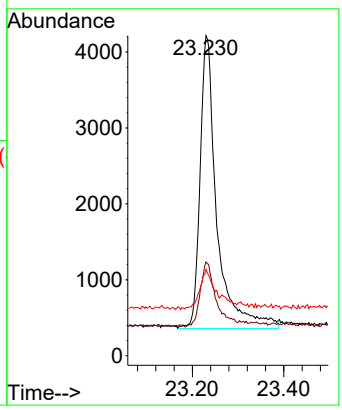


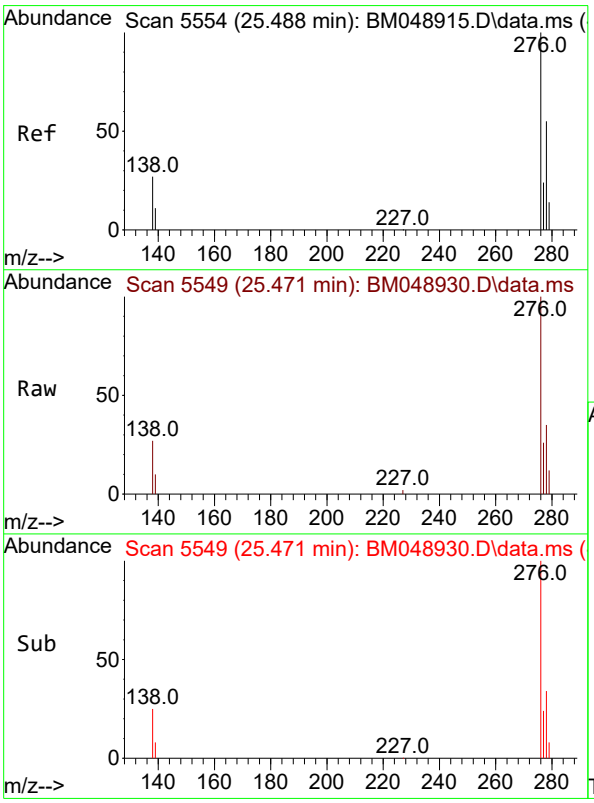
#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.230 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 9838

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.8	32.8
125	27.0	18.6	27.8

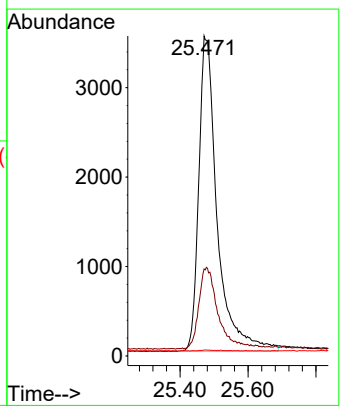


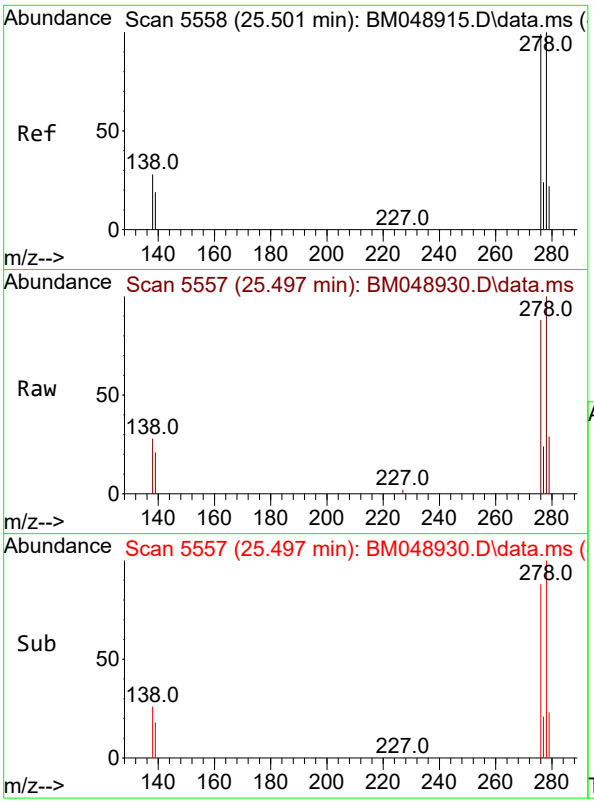


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.471 min Scan# 5549
Delta R.T. -0.020 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:276 Resp: 13305

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.1	33.1
227	0.2	0.2	0.2#



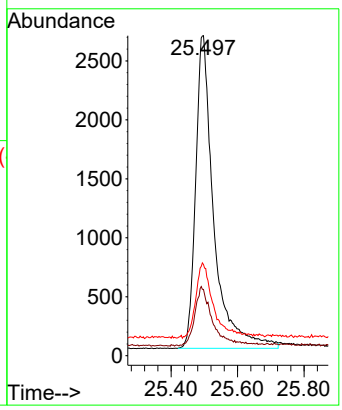


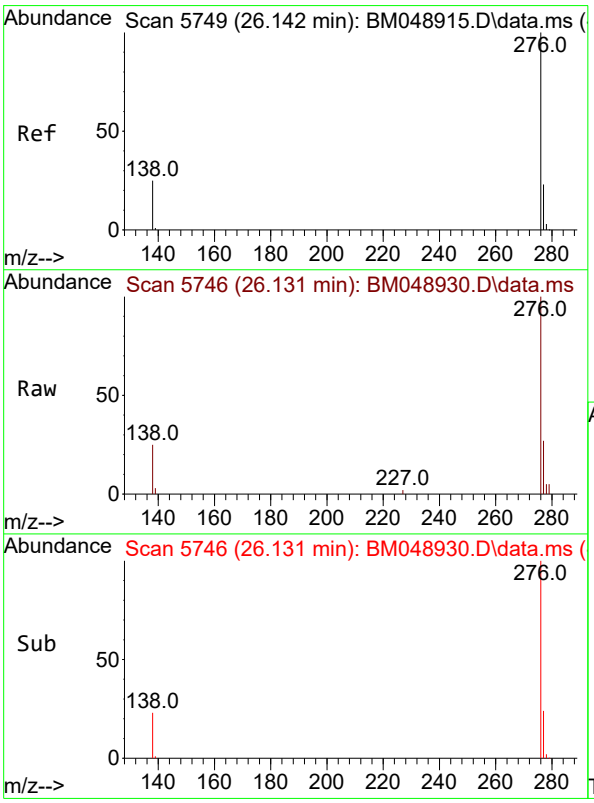
#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 25.497 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 10073

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.4	26.0
279	28.5	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.131 min Scan# 5746
Delta R.T. -0.013 min
Lab File: BM048930.D
Acq: 10 Dec 2024 19:09

Tgt Ion:276 Resp: 11127

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.6
277	26.7	19.6	29.4