Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM046000.D
Acq On : 12 Jun 2024 16:45
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Quant Time: Jun 13 00:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	11498	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	7339	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.849	188	15833	0.400	ng/ul	0.00
17) Chrysene-d12	21.038	240	13425	0.400	ng/ul	0.00
23) Perylene-d12	23.139	264	14628	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	1439	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	6448	0.390	ng/ul	0.00
18) Fluoranthene-d10	18.875	212	14861	0.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.080	88	1540	0.377	ng/ul	86
5) Naphthalene	10.275	128	11583	0.385	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	7399	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	8204	0.394	ng/ul	98
10) Acenaphthylene	13.821	152	12810	0.384	ng/ul	100
11) Acenaphthene	14.158	153	9317	0.380	ng/ul	98
12) Fluorene	15.158	166	10305	0.376	ng/ul	98
14) Pentachlorophenol	16.532	266	1252	0.423	ng/ul	98
15) Phenanthrene	16.887	178	16065	0.361	ng/ul	100
16) Anthracene	16.984	178	12999	0.343	ng/ul	100
19) Fluoranthene	18.908	202	20230	0.378	ng/ul	98
20) Pyrene	19.270	202	20834	0.373	ng/ul	96
21) Benzo(a)anthracene	21.023	228	17813	0.361	ng/ul	100
22) Chrysene	21.073	228	20412	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	19490	0.402	ng/ul	94
25) Benzo(k)fluoranthene	22.557	252	20748	0.389	ng/ul	94
26) Benzo(a)pyrene	23.049	252	18037	0.374	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.196	276	21331	0.342	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.209	278	16975	0.340	ng/ul	98
29) Benzo(g,h,i)perylene	25.819	276	18155	0.337	ng/ul	96

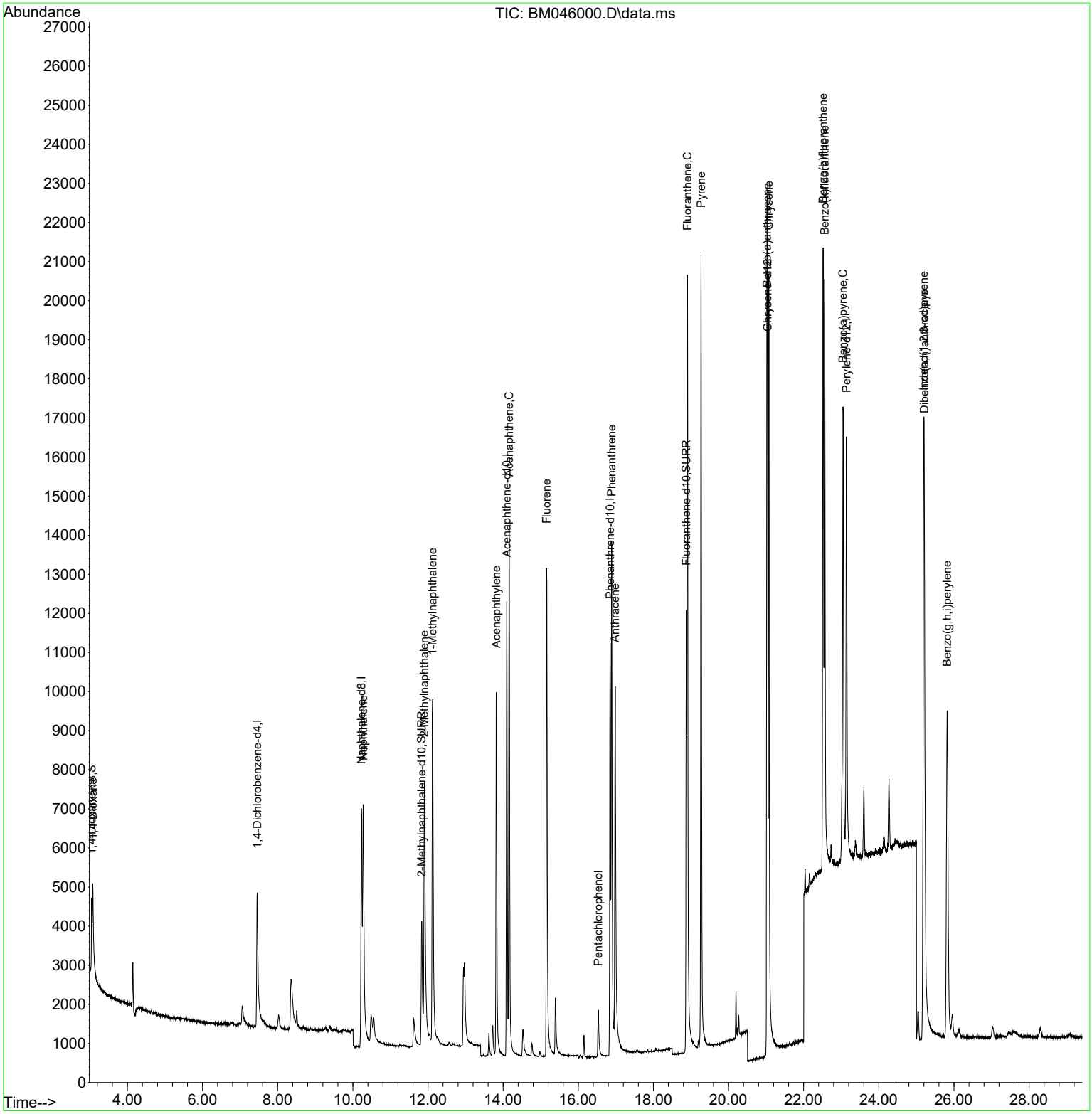
(#) = qualifier out of range (m) = manual integration (+) = signals summed

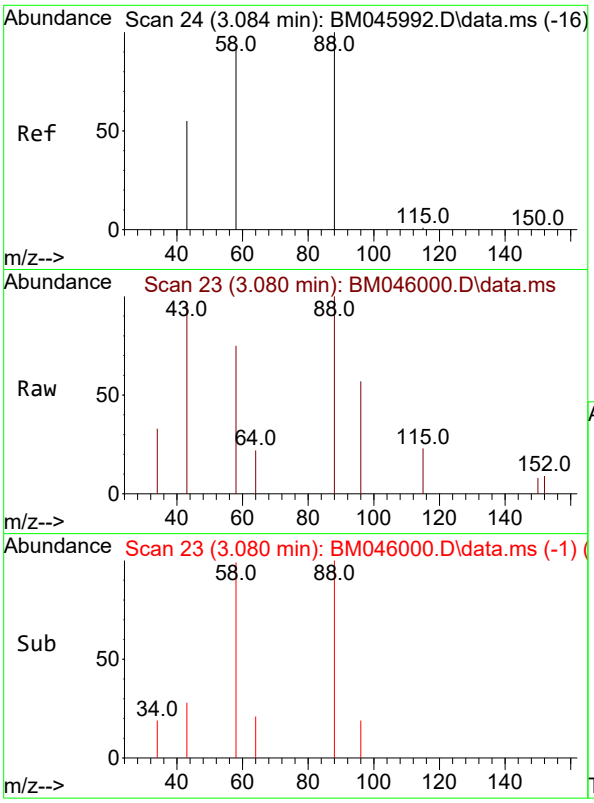
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM046000.D
Acq On : 12 Jun 2024 16:45
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Quant Time: Jun 13 00:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration



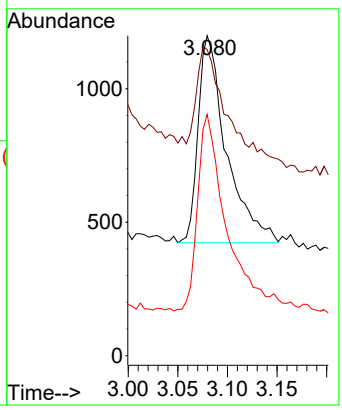


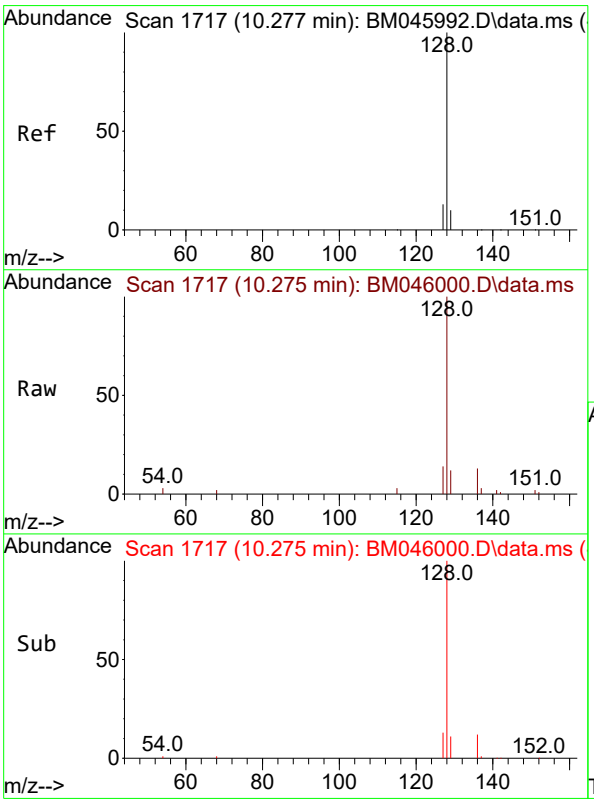
#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.080 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion: 88 Resp: 1540

Ion	Ratio	Lower	Upper
88	100		
43	95.7	87.4	131.2
58	75.4	51.1	76.7

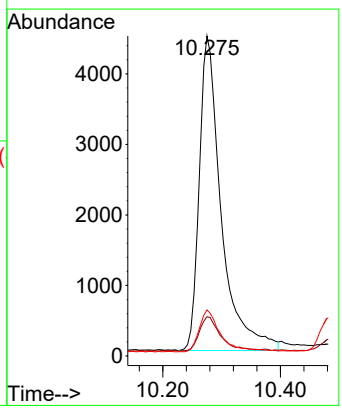


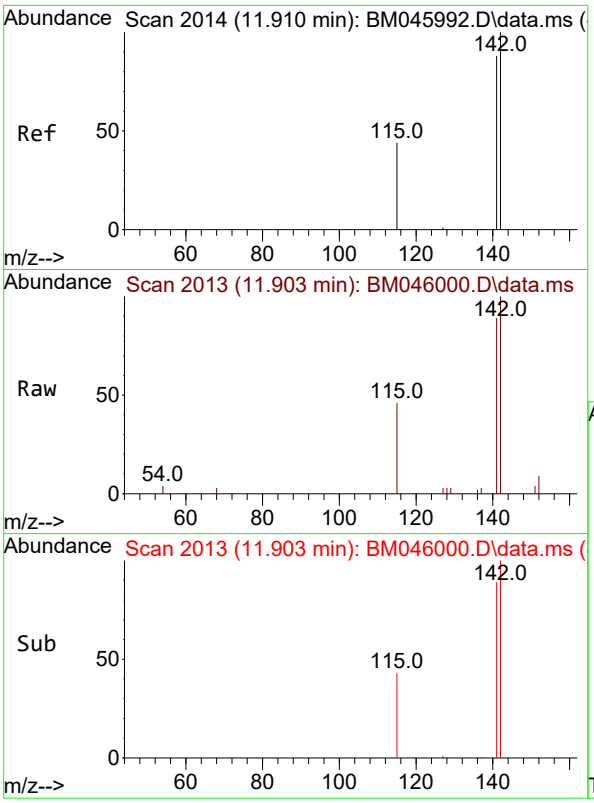


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:128 Resp: 11583

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.0
127	14.4	10.6	15.8



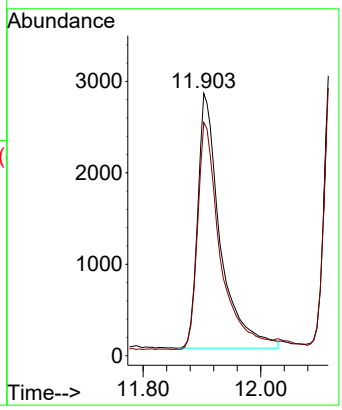


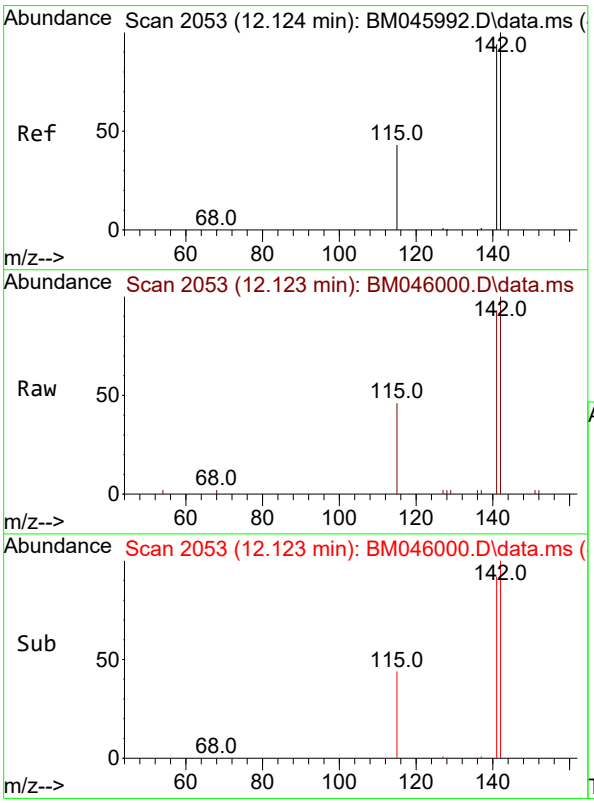
#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 11.903 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:142 Resp: 7399

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4

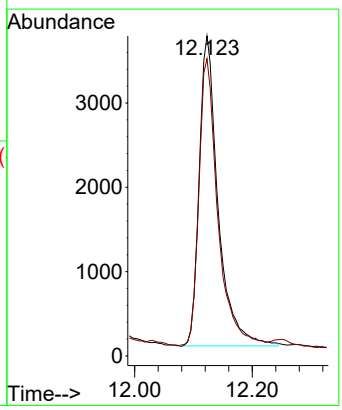


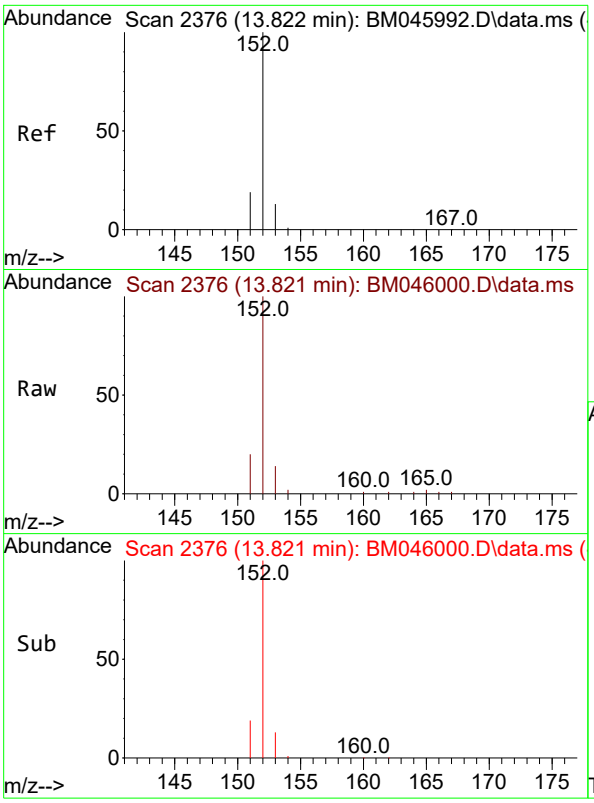


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:142 Resp: 8204

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.5	110.3



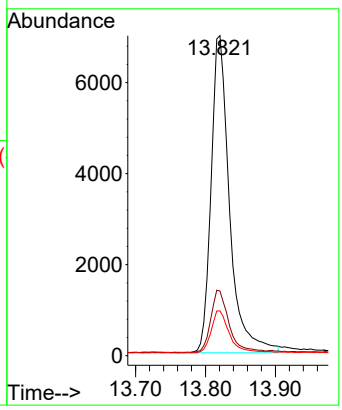


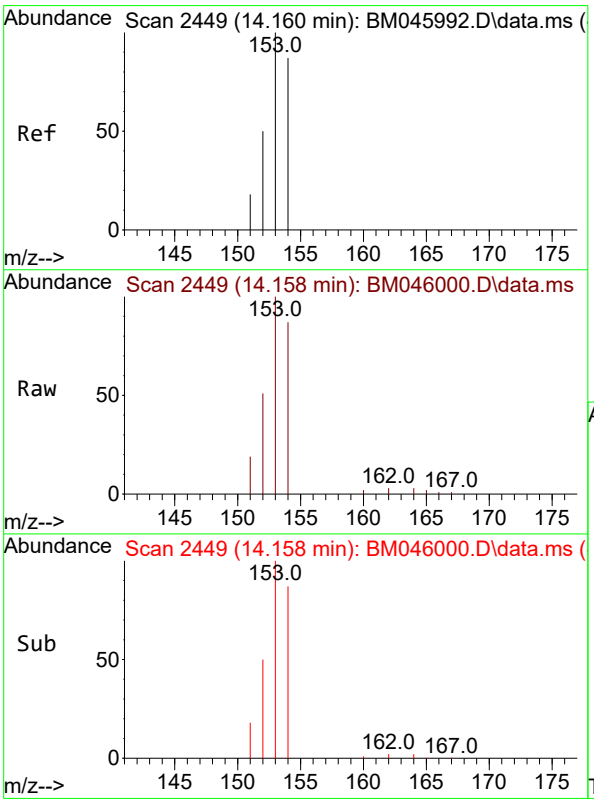
#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 13.821 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:152 Resp: 12810

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	14.0	11.1	16.7

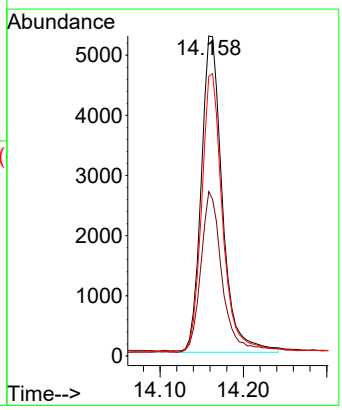


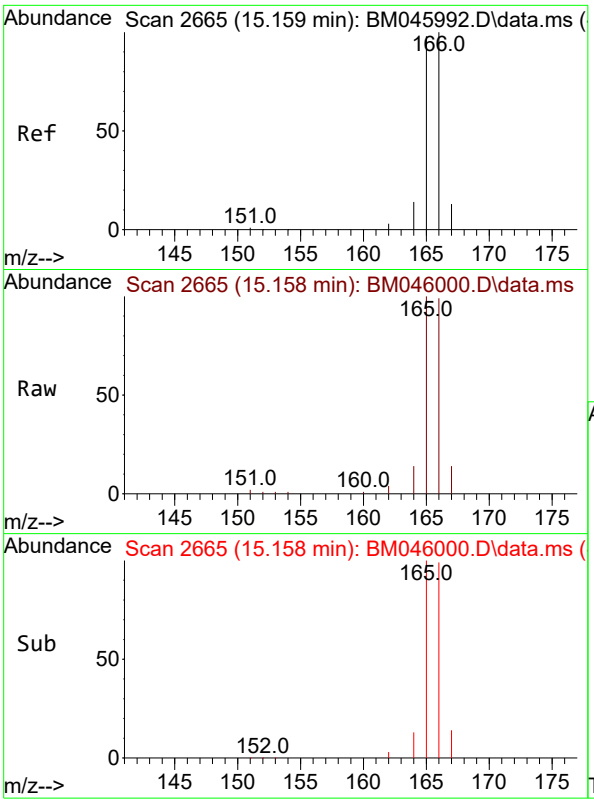


#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.158 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:153 Resp: 9317

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.0	58.4
154	87.3	69.4	104.2



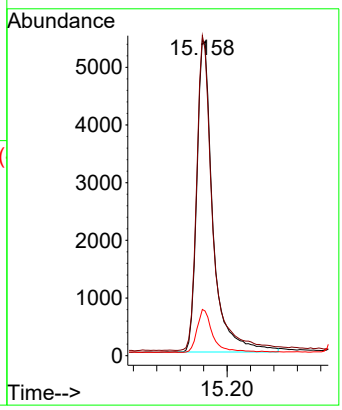


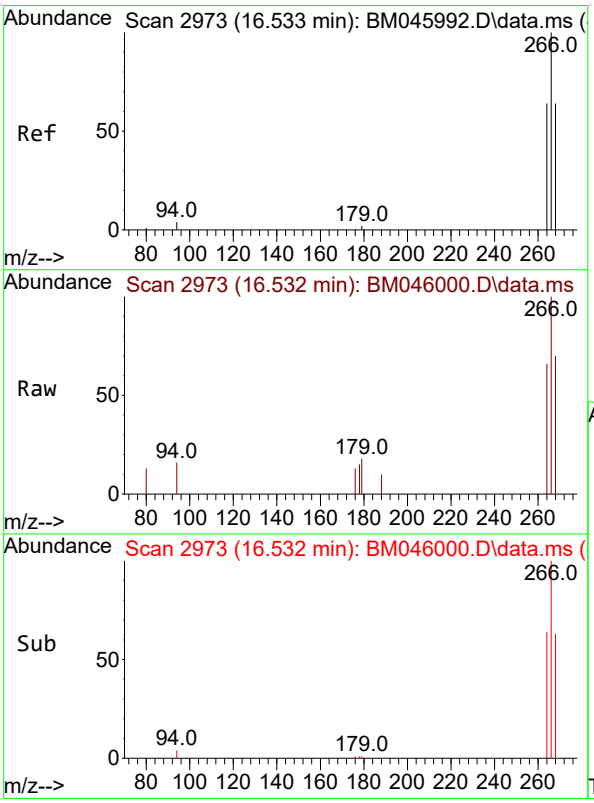
#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.158 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:166 Resp: 10305

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.7	119.5
167	14.7	11.3	16.9

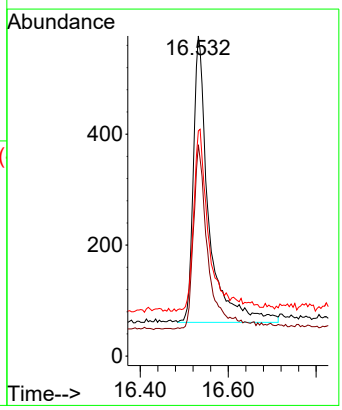


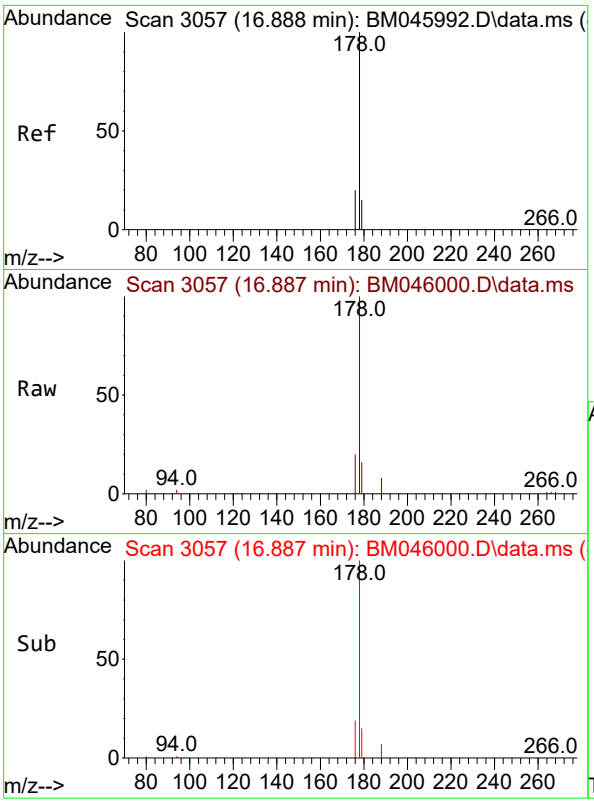


#14
Pentachlorophenol
Concen: 0.423 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:266 Resp: 1252

Ion	Ratio	Lower	Upper
266	100		
264	61.7	47.9	71.9
268	64.6	50.9	76.3



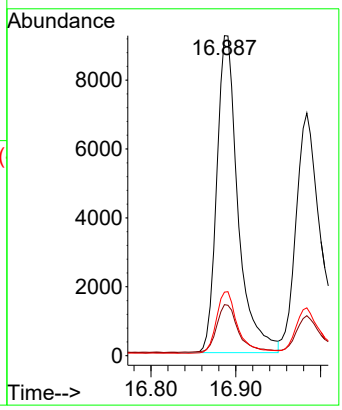


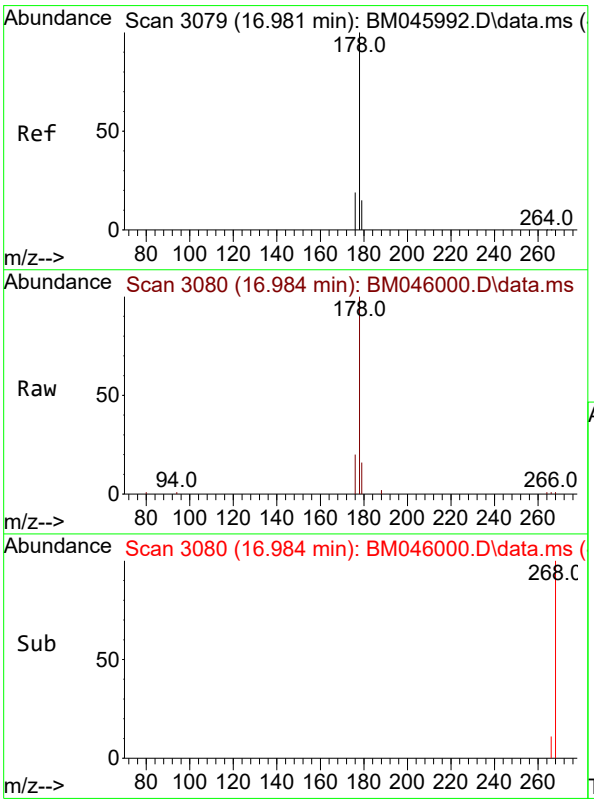
#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 16.887 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:178 Resp: 16065

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	19.8	15.6	23.4

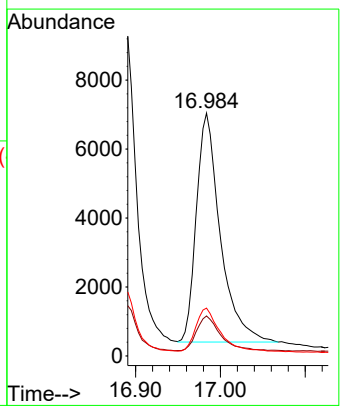


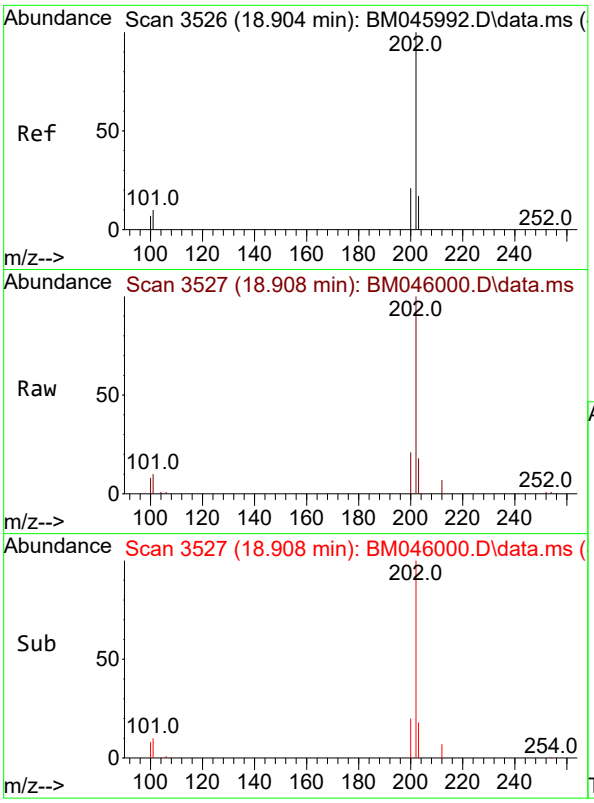


#16
Anthracene
Concen: 0.343 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. 0.003 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:178 Resp: 12999

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.1	19.7
176	19.7	15.5	23.3



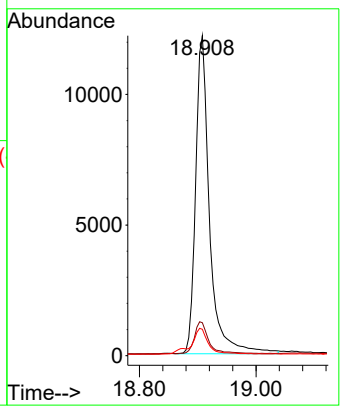


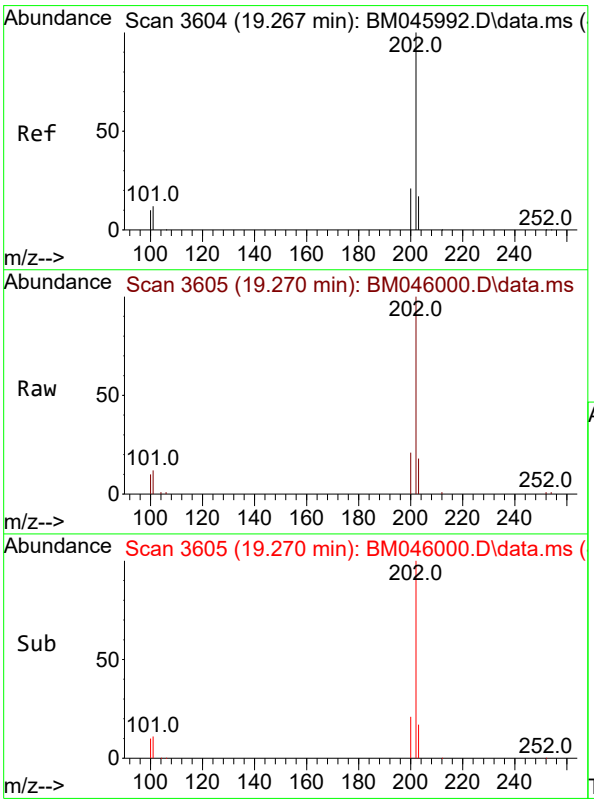
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 18.908 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:202 Resp: 20230

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.0	13.6
100	8.2	7.0	10.6

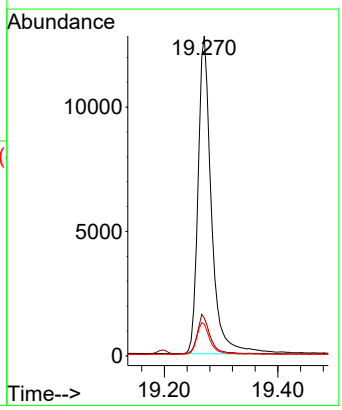


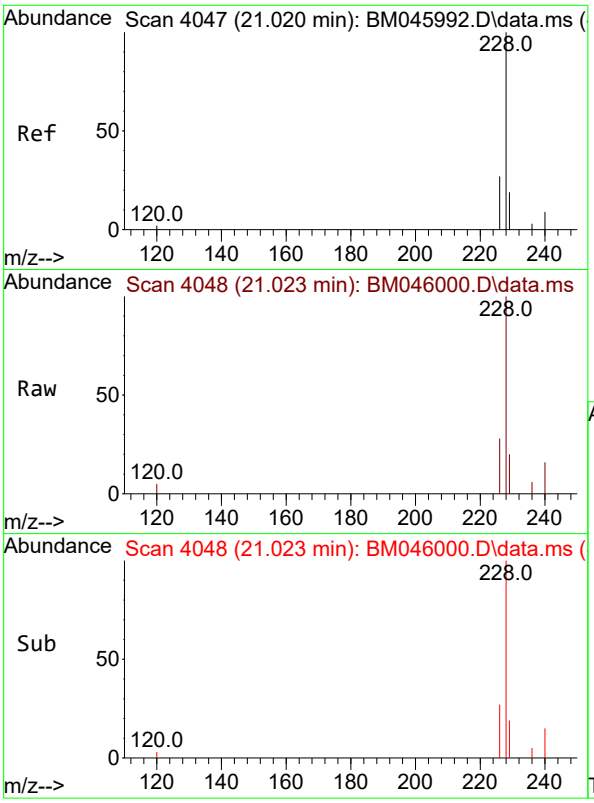


#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. 0.003 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:202 Resp: 20834

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	16.0
100	9.9	9.1	13.7



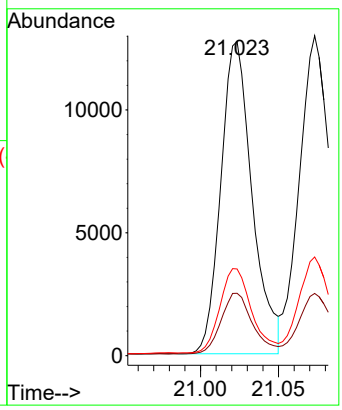


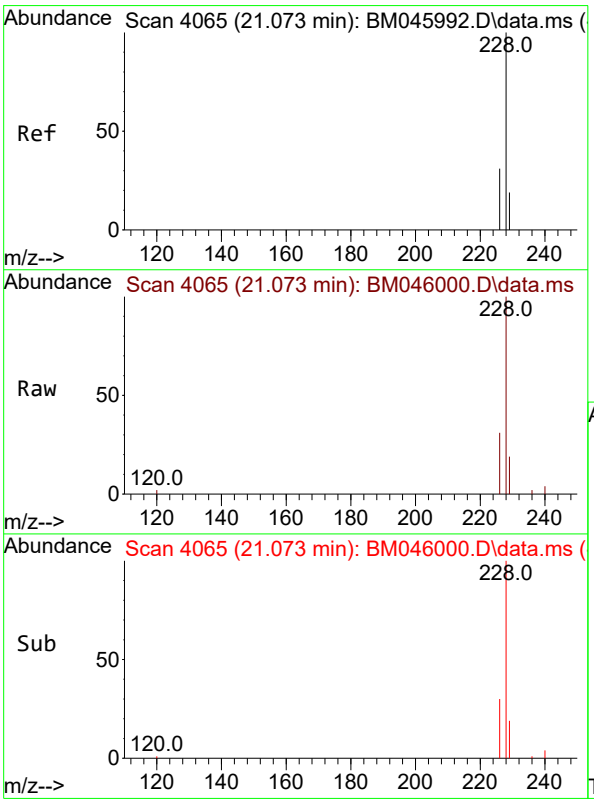
#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.023 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:228 Resp: 17813

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.6	22.0	33.0

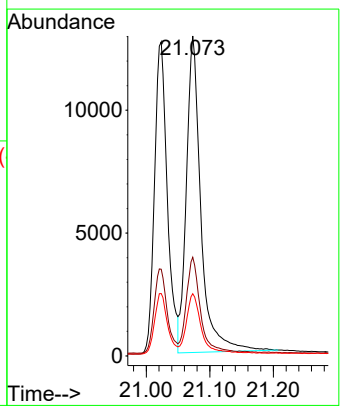


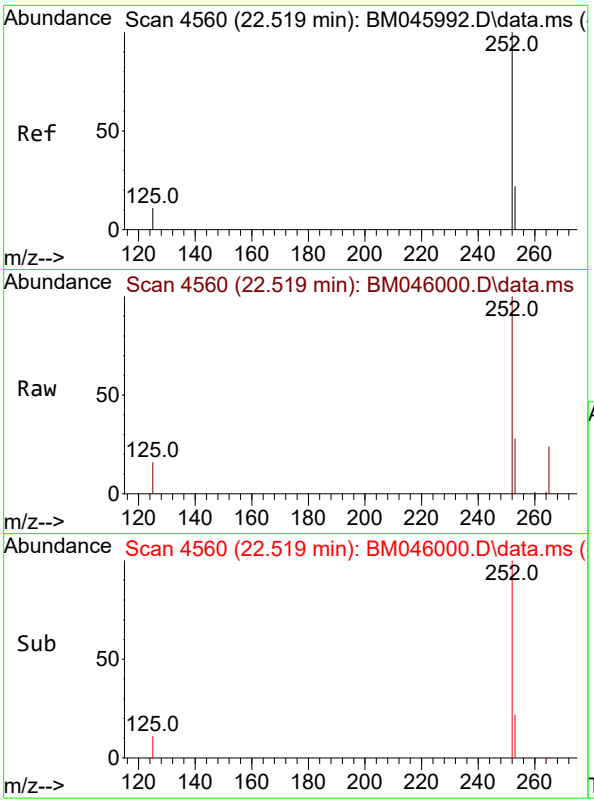


#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. 0.000 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:228 Resp: 20412

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	19.4	16.2	24.2



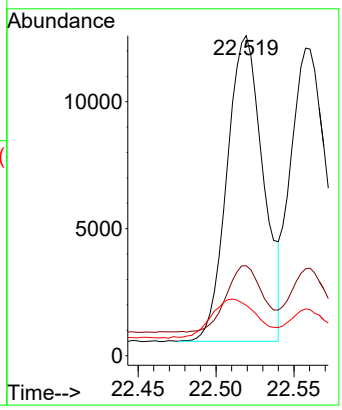


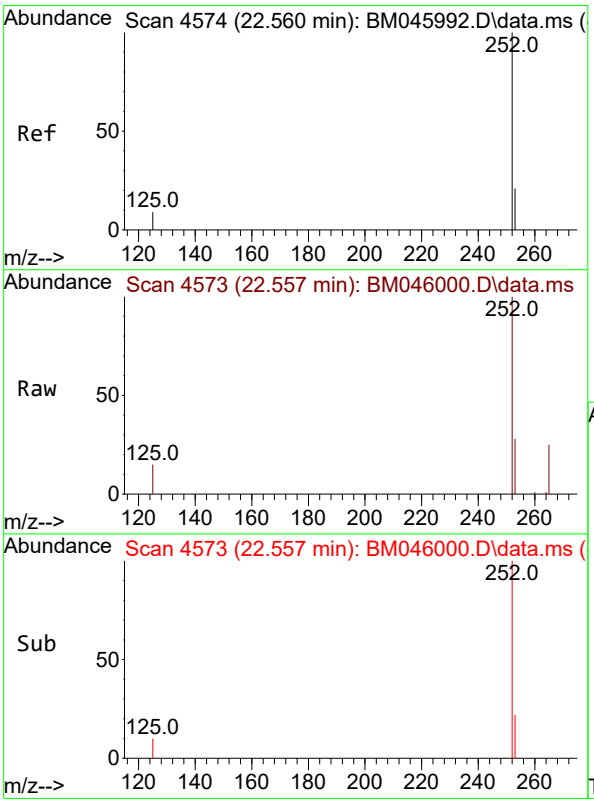
#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.519 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:252 Resp: 19490

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	63.6
125	15.7	0.0	35.8

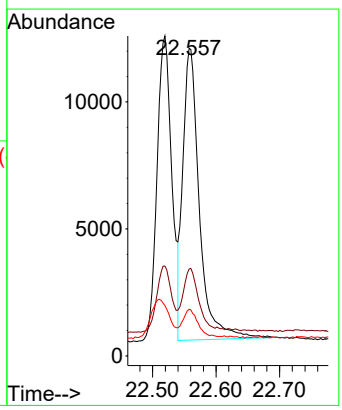


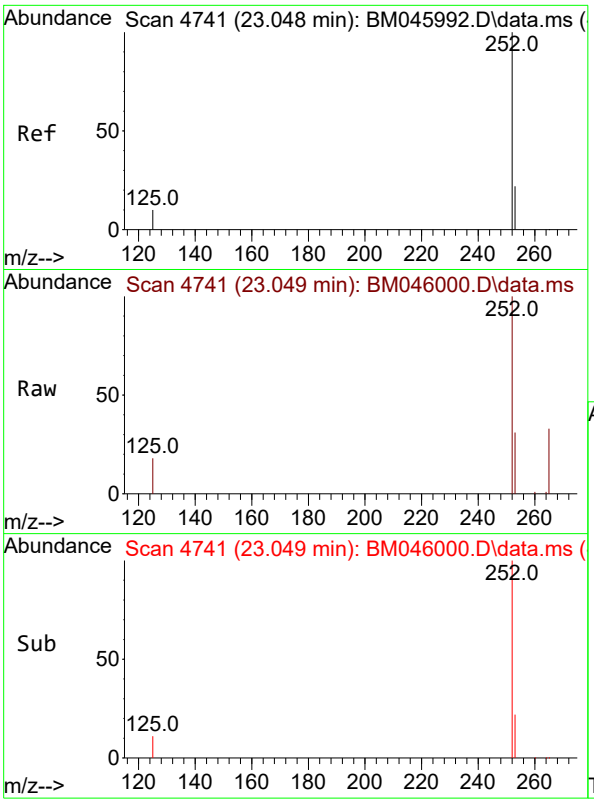


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.557 min Scan# 4573
Delta R.T. -0.002 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:252 Resp: 20748

Ion	Ratio	Lower	Upper
252	100		
253	28.2	25.0	37.6
125	15.2	14.2	21.2



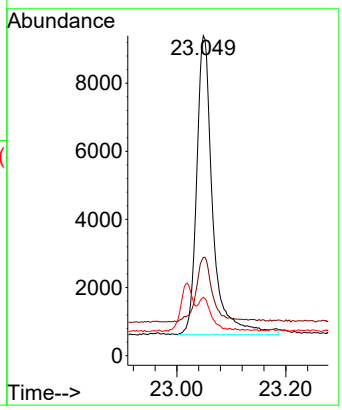


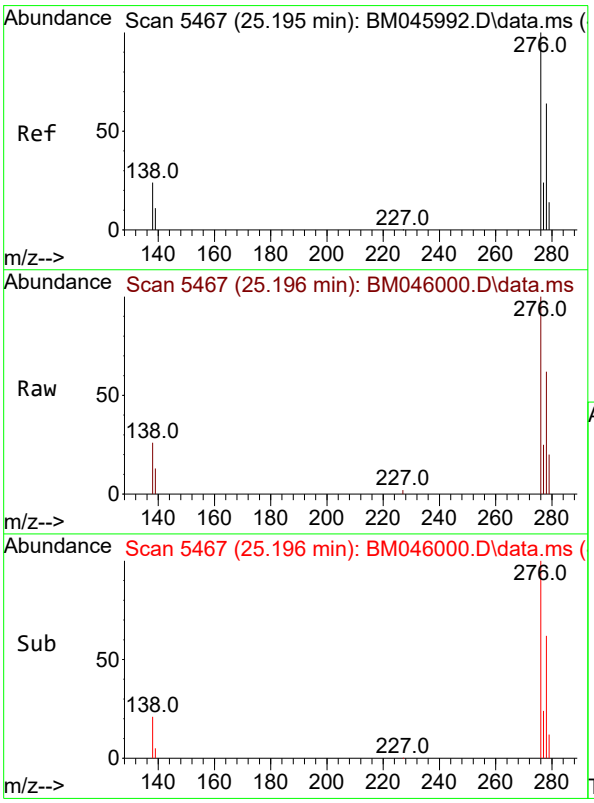
#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.049 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:252 Resp: 18037

Ion	Ratio	Lower	Upper
252	100		
253	30.7	28.8	43.2
125	18.3	17.3	25.9

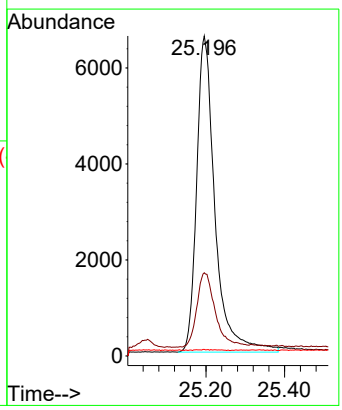


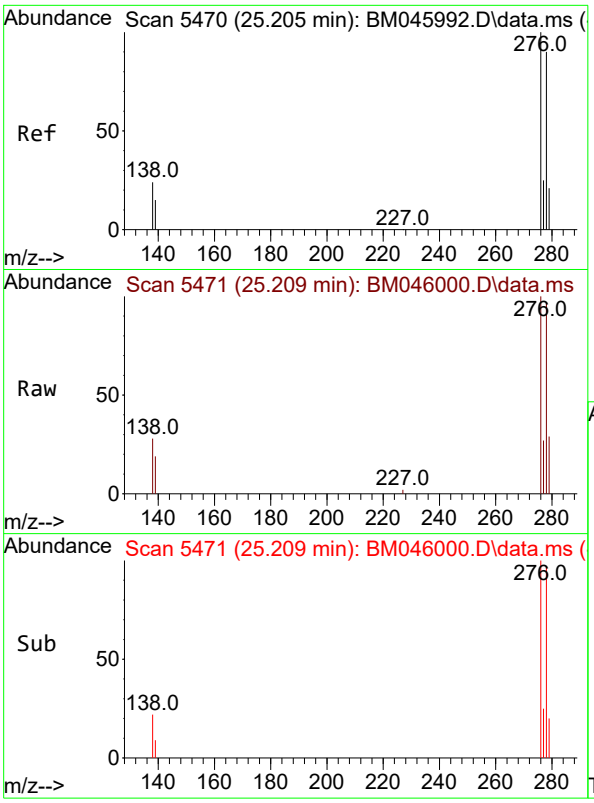


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.196 min Scan# 5467
Delta R.T. 0.000 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:276 Resp: 21331

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.7	31.1
227	0.1	0.2	0.2#



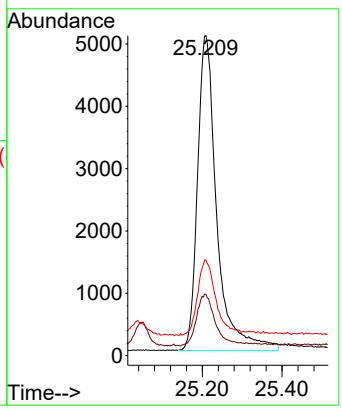


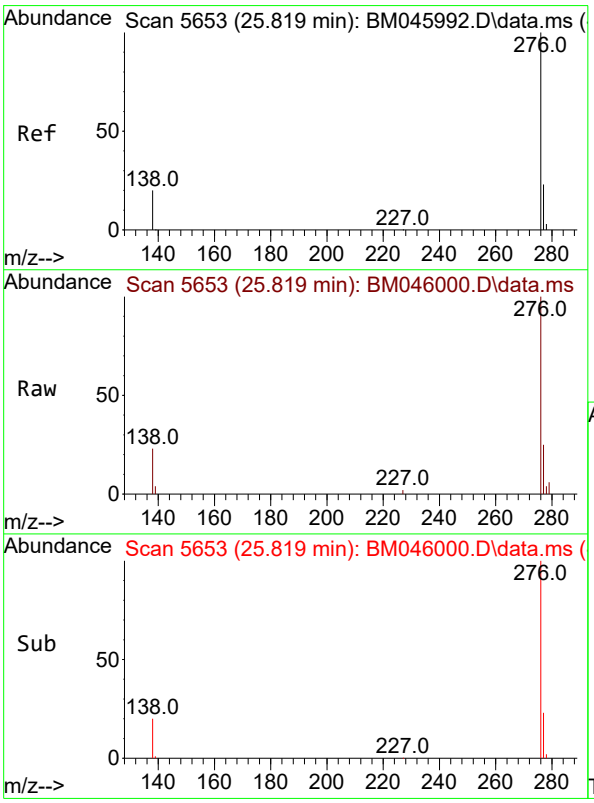
#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.209 min Scan# 54
Delta R.T. 0.004 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:278 Resp: 16975

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	25.0
279	29.9	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 25.819 min Scan# 5653
Delta R.T. 0.000 min
Lab File: BM046000.D
Acq: 12 Jun 2024 16:45

Tgt Ion:276 Resp: 18155

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.0	31.4
277	25.1	20.5	30.7