Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046267.D
Acq On : 24 Jun 2024 23:35
Operator : MA/JU
Sample : P2776-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Quant Time: Jun 25 02:28:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2507	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.222	136	7029	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.067	164	4120	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7683	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6250	0.400	ng/ul	-0.03
23) Perylene-d12	23.095	264	9523	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2153	0.626	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	410	0.043	ng/ul	-0.02
18) Fluoranthene-d10	18.844	212	881	0.047	ng/ul	-0.04
Target Compounds						Qvalue
10) Acenaphthylene	13.790	152	660	0.034	ng/ul#	54
15) Phenanthrene	16.854	178	3877	0.180	ng/ul	96
16) Anthracene	16.947	178	840	0.052	ng/ul#	61
19) Fluoranthene	18.872	202	9194	0.340	ng/ul	100
20) Pyrene	19.230	202	8646	0.295	ng/ul#	93
21) Benzo(a)anthracene	20.997	228	3944	0.163	ng/ul#	90
22) Chrysene	21.049	228	4278	0.139	ng/ul#	93
24) Benzo(b)fluoranthene	22.481	252	10232	0.298	ng/ul	84
25) Benzo(k)fluoranthene	22.481	252	10232	0.251	ng/ul#	86
26) Benzo(a)pyrene	23.001	252	4305	0.135	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.148	276	3900	0.075	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.158	278	799	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	25.769	276	4068	0.091	ng/ul#	82

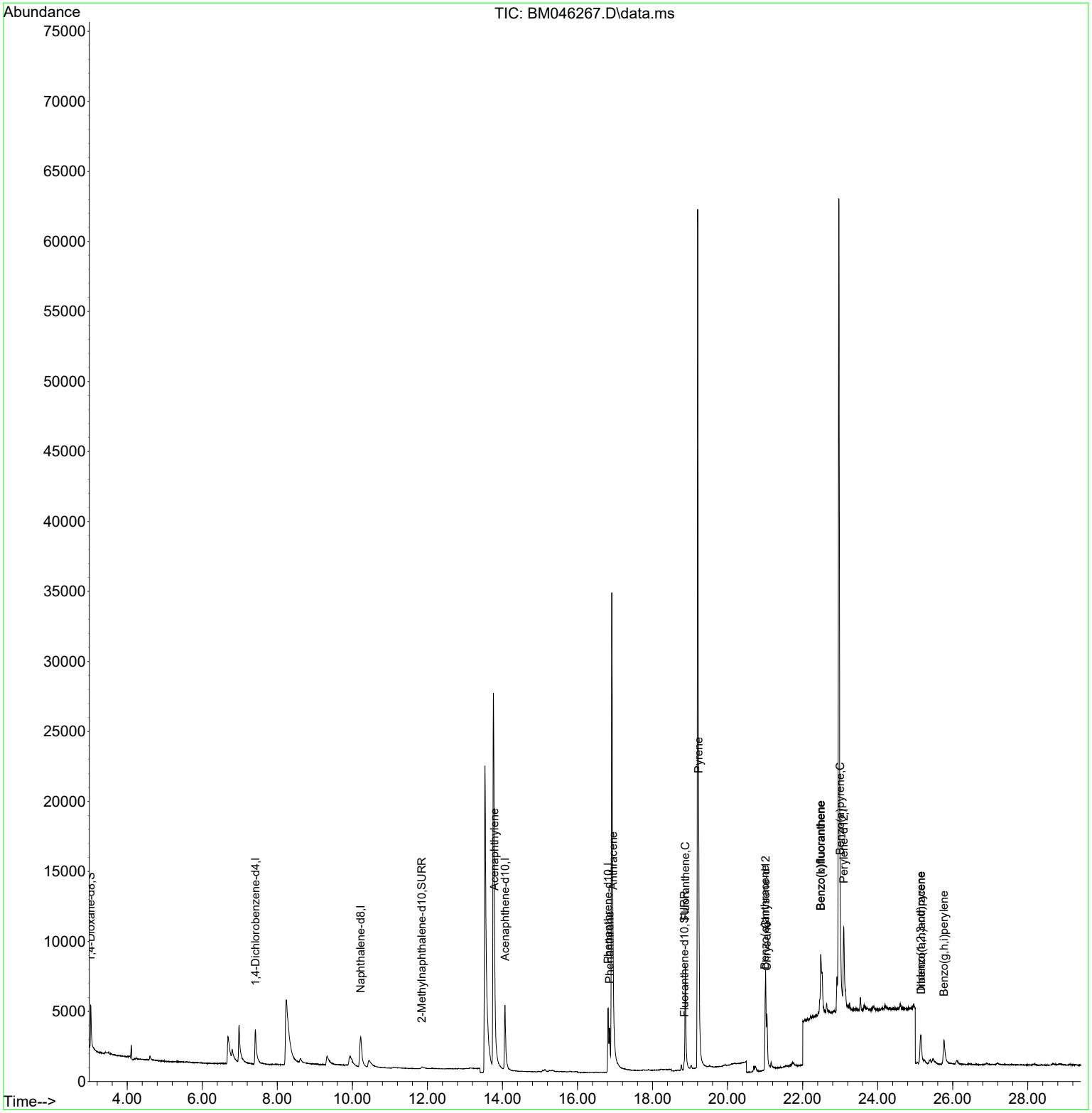
(#) = qualifier out of range (m) = manual integration (+) = signals summed

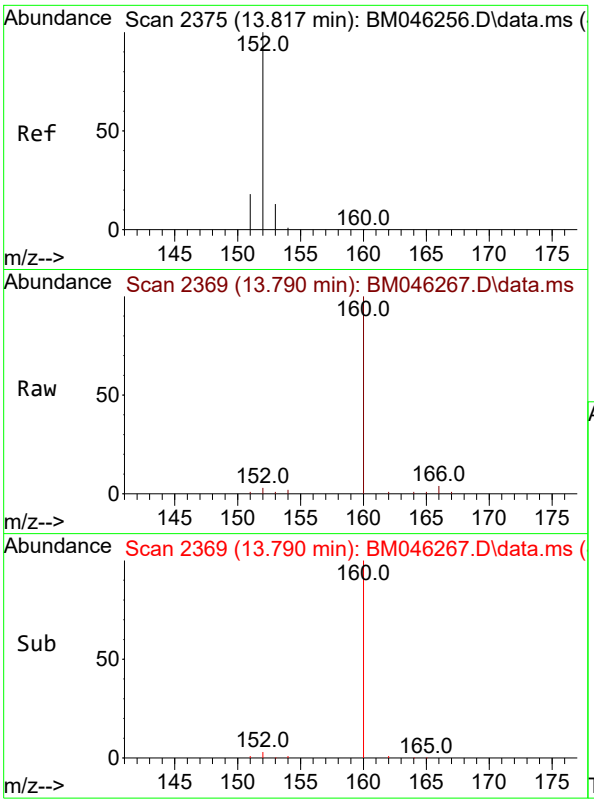
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046267.D
Acq On : 24 Jun 2024 23:35
Operator : MA/JU
Sample : P2776-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Quant Time: Jun 25 02:28:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



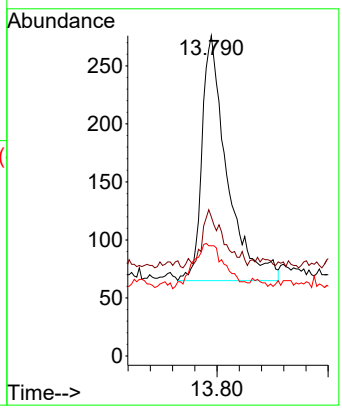


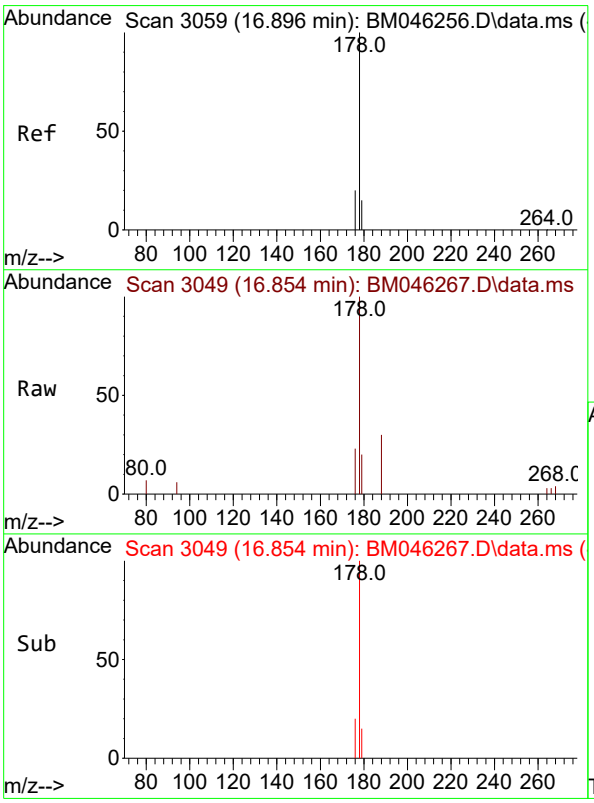
#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.790 min Scan# 2
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:152 Resp: 660

Ion	Ratio	Lower	Upper
152	100		
151	43.5	17.4	26.2#
153	34.4	11.8	17.8#

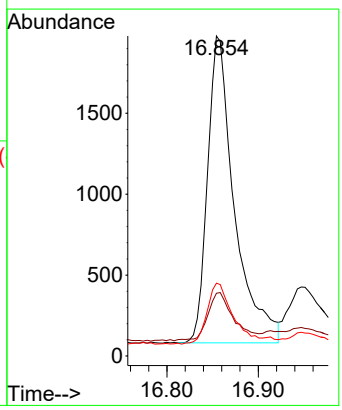


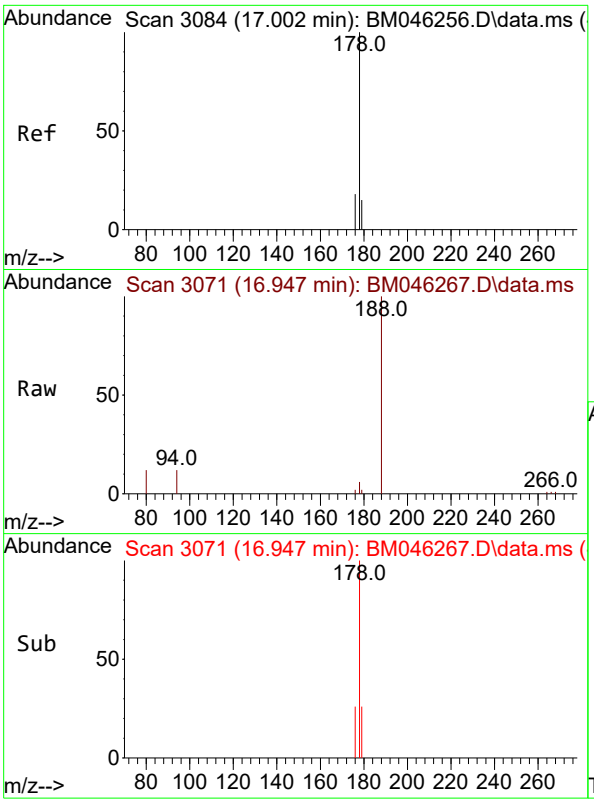


#15
Phenanthrene
Concen: 0.180 ng/ul
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:178 Resp: 3877

Ion	Ratio	Lower	Upper
178	100		
179	19.6	14.2	21.2
176	22.8	17.1	25.7



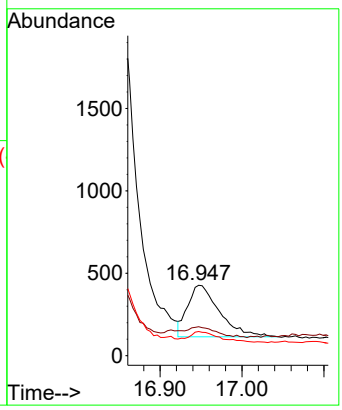


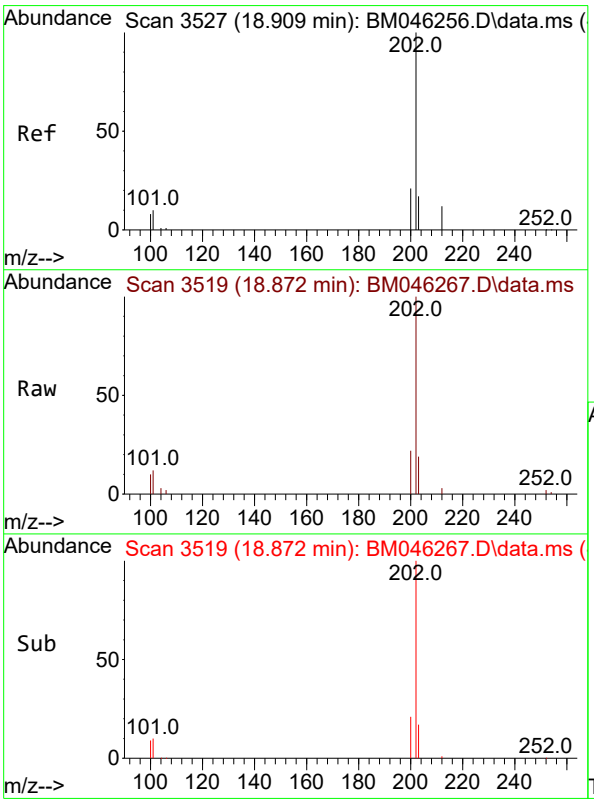
#16
Anthracene
Concen: 0.052 ng/ul
RT: 16.947 min Scan# 3
Delta R.T. -0.058 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:178 Resp: 840

Ion	Ratio	Lower	Upper
178	100		
179	41.2	14.9	22.3#
176	34.4	17.0	25.4#

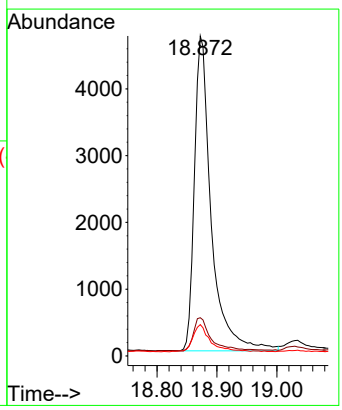


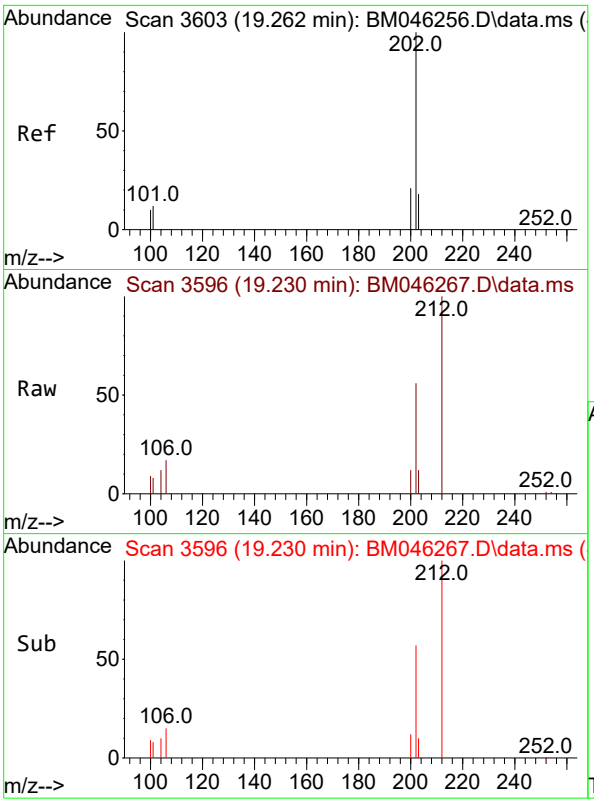


#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:202 Resp: 9194

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
100	9.8	7.6	11.4



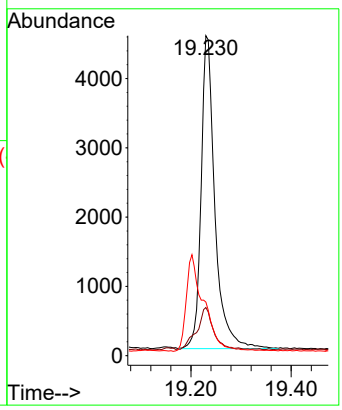


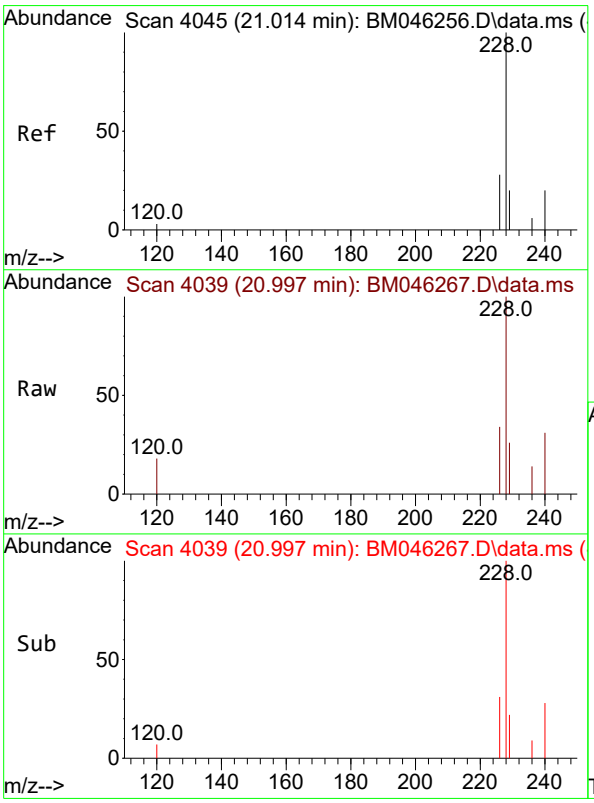
#20
Pyrene
Concen: 0.295 ng/ul
RT: 19.230 min Scan# 3
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:202 Resp: 8646

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	16.8	9.8	14.6#

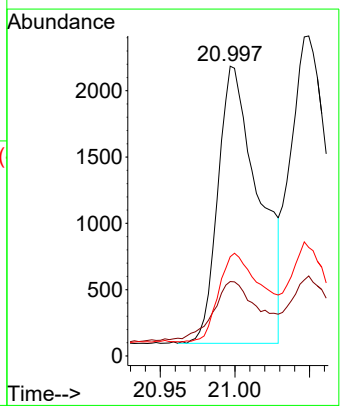


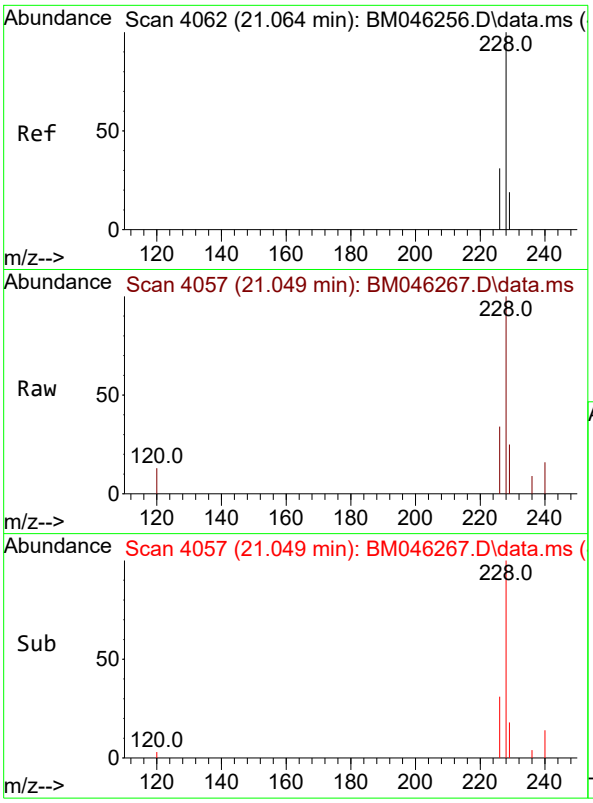


#21
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.033 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:228 Resp: 3944

Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.4	24.6#
226	34.2	23.4	35.2



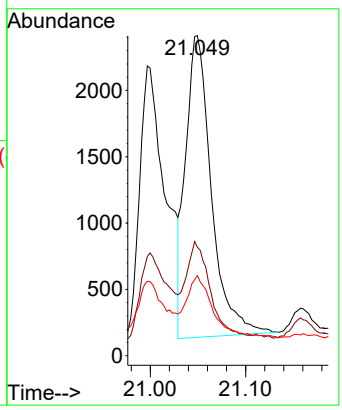


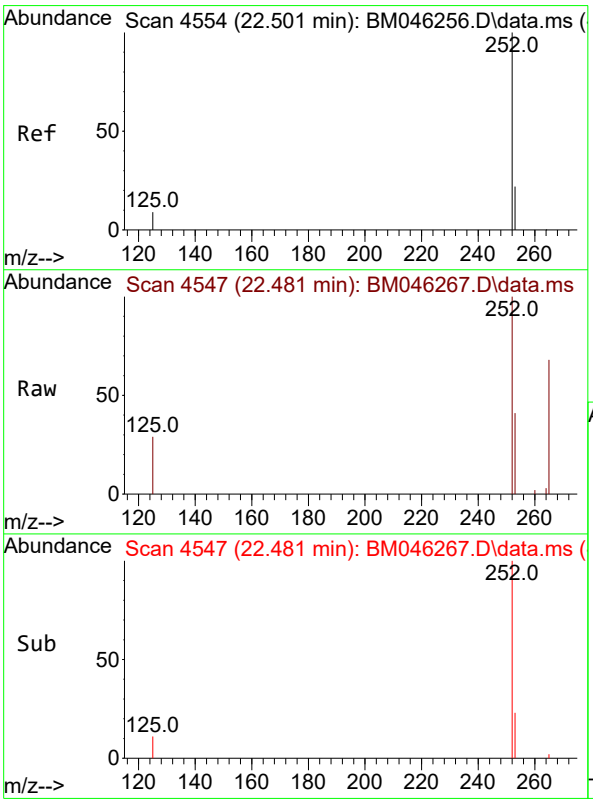
#22
Chrysene
Concen: 0.139 ng/ul
RT: 21.049 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:228 Resp: 4278

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.2	37.8
229	25.0	16.3	24.5#

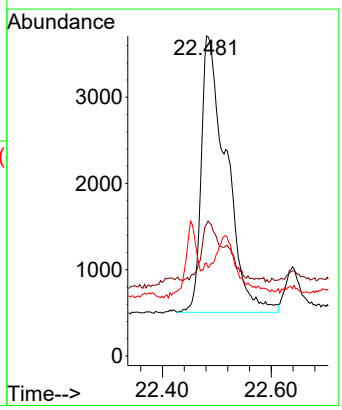


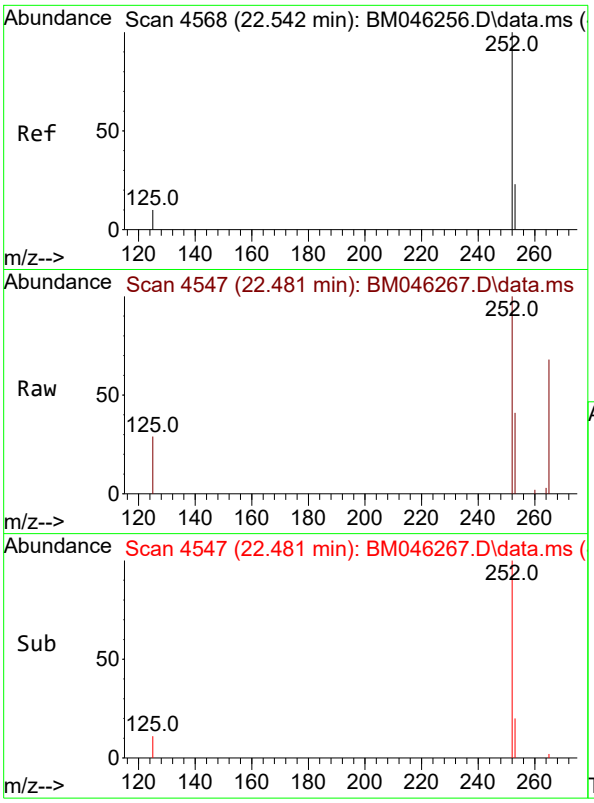


#24
Benzo(b)fluoranthene
Concen: 0.298 ng/ul
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:252 Resp: 10232

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	65.8
125	28.9	0.0	40.2



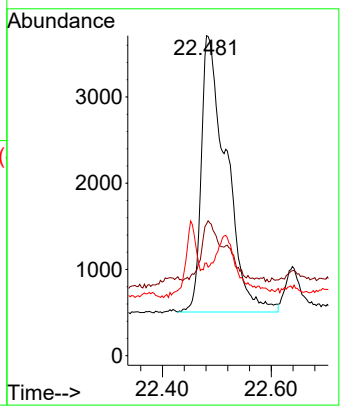


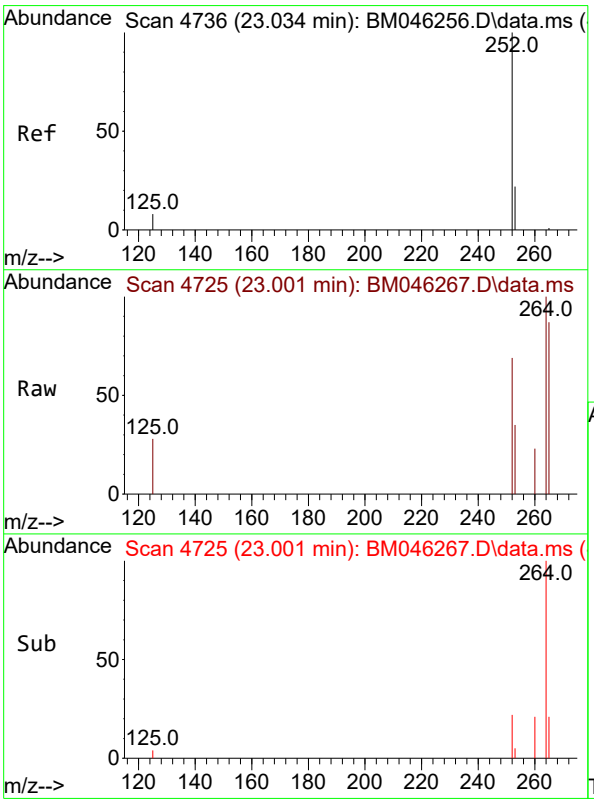
#25
Benzo(k)fluoranthene
Concen: 0.251 ng/ul
RT: 22.481 min Scan# 4
Delta R.T. -0.082 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:252 Resp: 10232

Ion	Ratio	Lower	Upper
252	100		
253	41.1	27.2	40.8#
125	28.9	16.6	25.0#

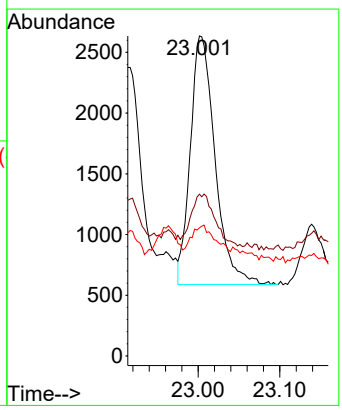


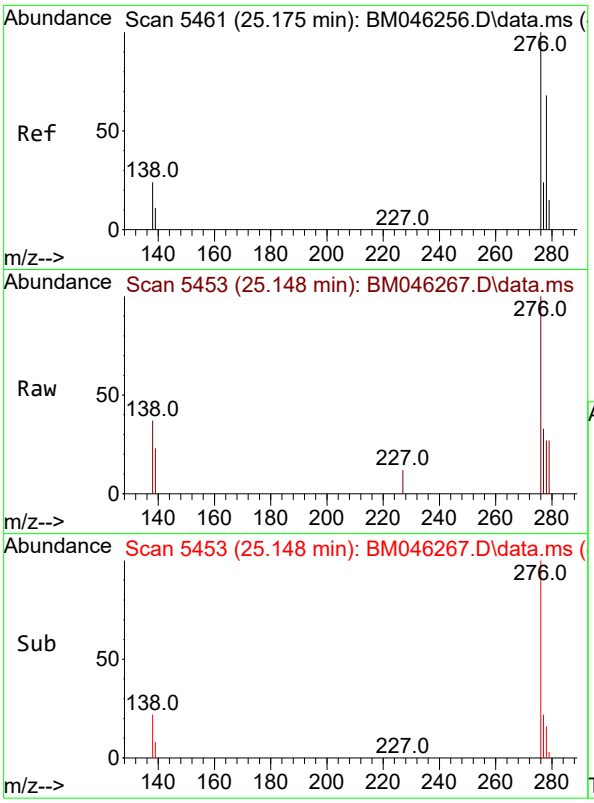


#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:252 Resp: 4305

Ion	Ratio	Lower	Upper
252	100		
253	50.6	32.1	48.1#
125	40.1	21.2	31.8#



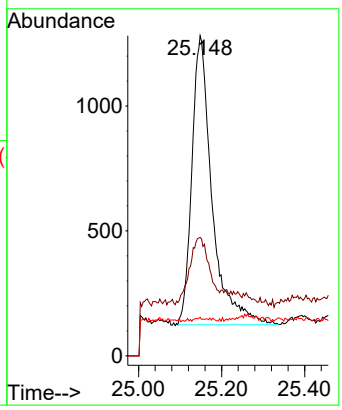


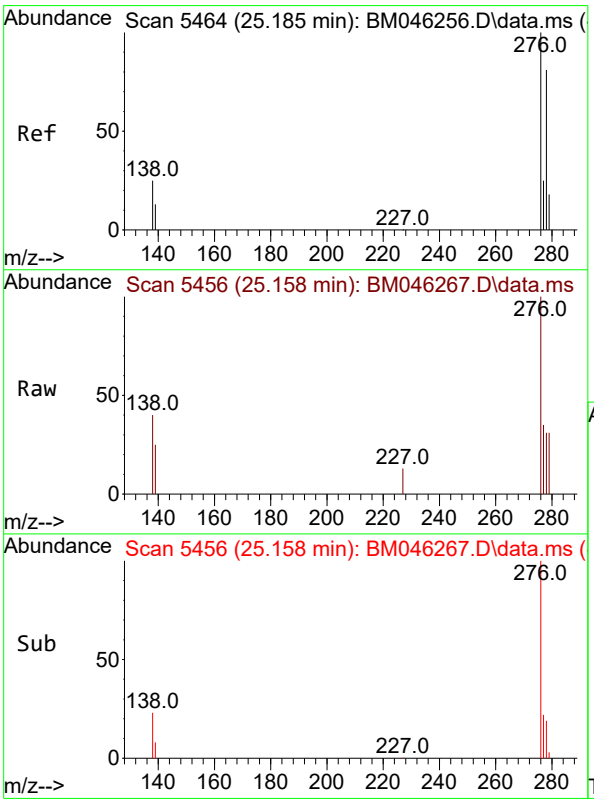
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 25.148 min Scan# 54
Delta R.T. -0.054 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:276 Resp: 3900

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.0	31.4
227	0.0	0.0	0.0

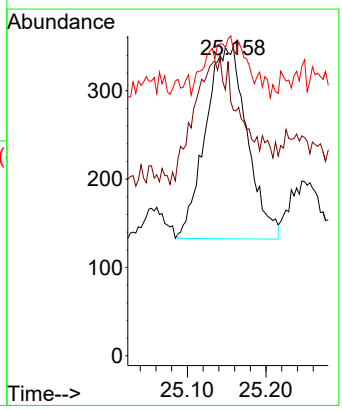


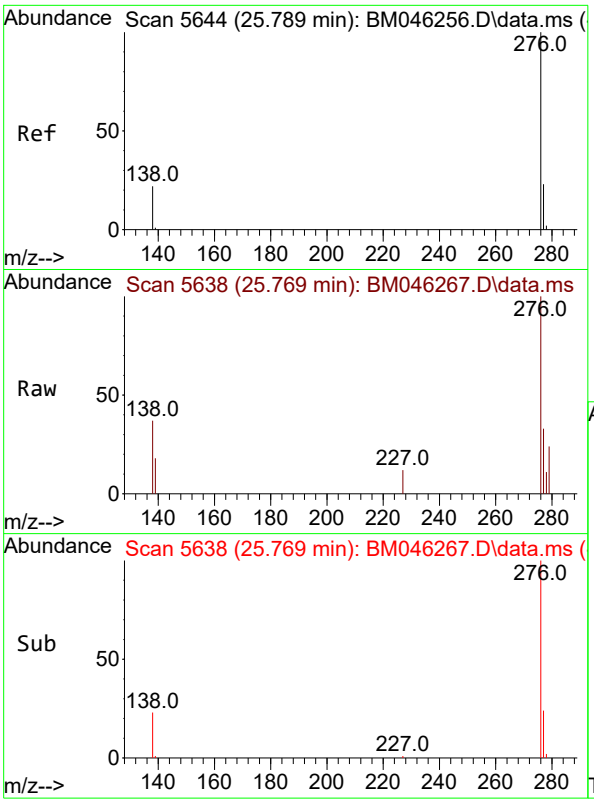


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.158 min Scan# 5456
Delta R.T. -0.057 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:278 Resp: 799

Ion	Ratio	Lower	Upper
278	100		
139	79.4	17.6	26.4#
279	98.9	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 25.769 min Scan# 5
Delta R.T. -0.061 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Instrument :
BNA_M
ClientSampleId :
A4CA6DL

Tgt Ion:276 Resp: 4068

Ion	Ratio	Lower	Upper
276	100		
138	37.4	21.7	32.5#
277	33.4	20.4	30.6#