Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Quant Time: Jun 21 22:28:15 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2496	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.188	136	7126	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3930	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.909	188	422132	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.017	240	5458	0.400	ng/ul	-0.03
23) Perylene-d12	23.106	264	11316	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11855	3.462	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2537	0.265	ng/ul	-0.05
18) Fluoranthene-d10	18.849	212	5332	0.326	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.238	128	538	0.027	ng/ul#	60
10) Acenaphthylene	13.780	152	770	0.041	ng/ul#	63
11) Acenaphthene	14.127	153	276	0.021	ng/ul#	91
12) Fluorene	15.122	166	449	0.031	ng/ul#	92
19) Fluoranthene	18.876	202	11319	0.479	ng/ul	99
20) Pyrene	19.234	202	11241	0.440	ng/ul#	90
21) Benzo(a)anthracene	21.002	228	5628	0.267	ng/ul#	90
22) Chrysene	21.052	228	4852	0.180	ng/ul#	91
24) Benzo(b)fluoranthene	22.493	252	10675	0.262	ng/ul	73
25) Benzo(k)fluoranthene	22.493	252	10675	0.220	ng/ul#	75
26) Benzo(a)pyrene	23.013	252	5148	0.136	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.168	276	3777	0.061	ng/ul#	92
29) Benzo(g,h,i)perylene	25.785	276	3980	0.075	ng/ul#	79

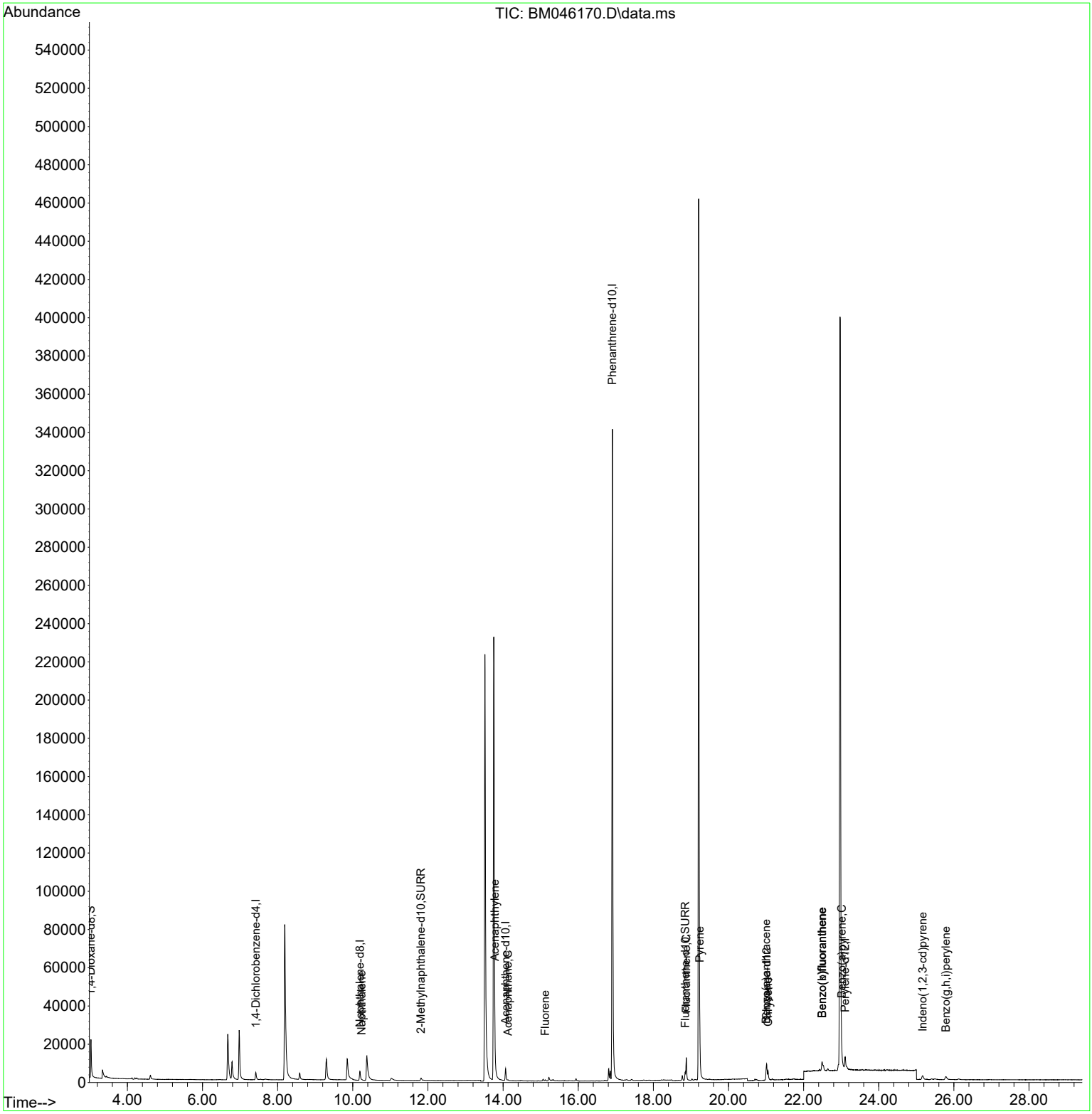
(#) = qualifier out of range (m) = manual integration (+) = signals summed

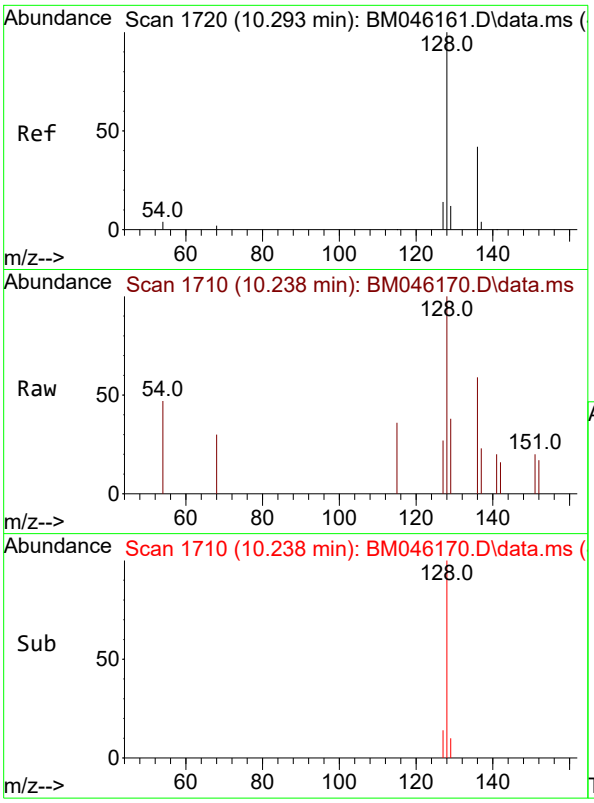
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Quant Time: Jun 21 22:28:15 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



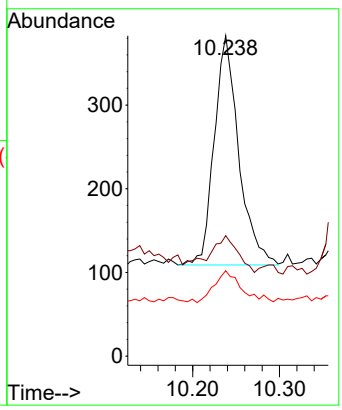


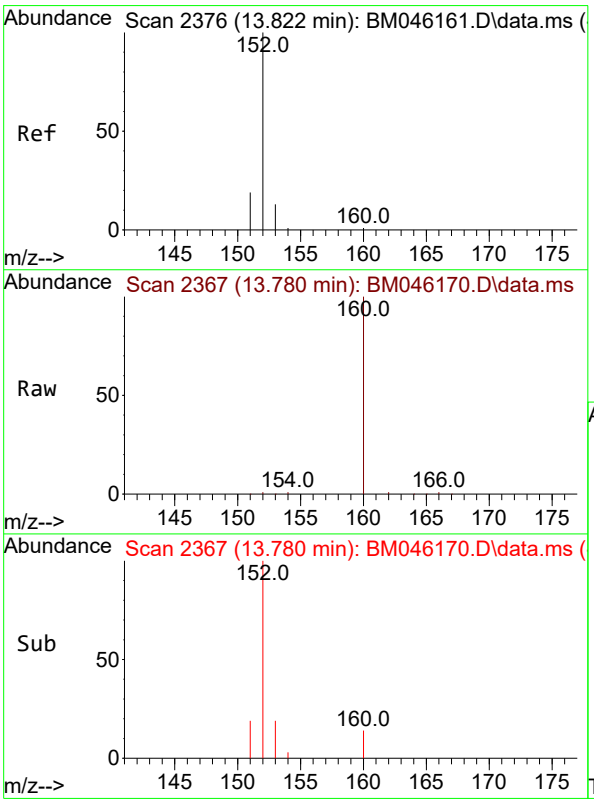
#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.238 min Scan# 1
Delta R.T. -0.065 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:128 Resp: 538

Ion	Ratio	Lower	Upper
128	100		
129	37.6	11.8	17.6#
127	26.6	12.8	19.2#

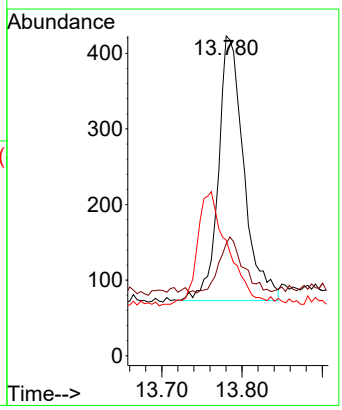


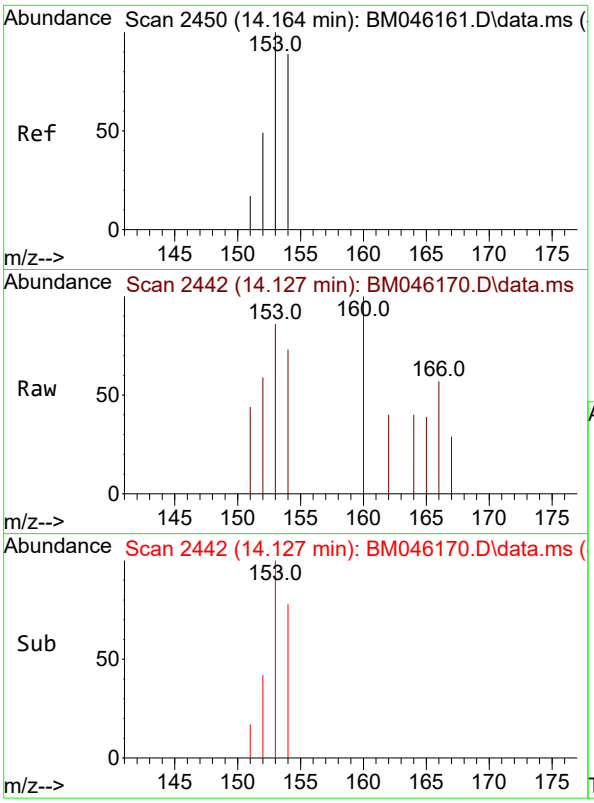


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:152 Resp: 770

Ion	Ratio	Lower	Upper
152	100		
151	35.0	17.4	26.2#
153	36.2	11.8	17.8#



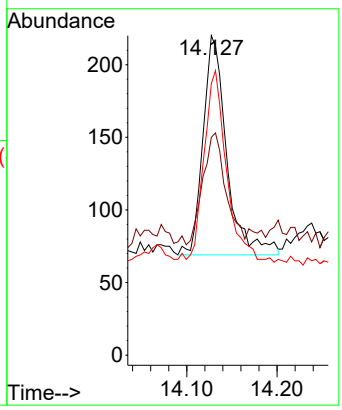


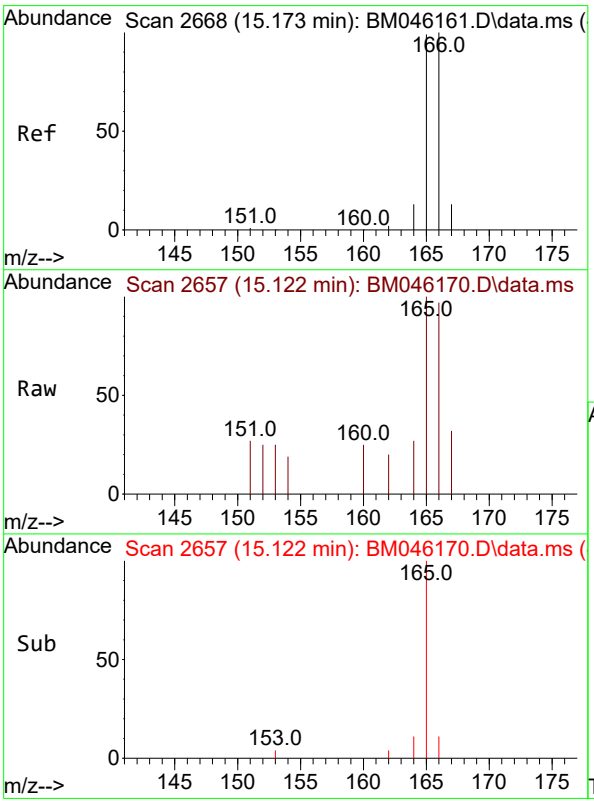
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.127 min Scan# 24
Delta R.T. -0.045 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:153 Resp: 276

Ion	Ratio	Lower	Upper
153	100		
152	68.2	41.3	61.9#
154	85.0	68.2	102.4

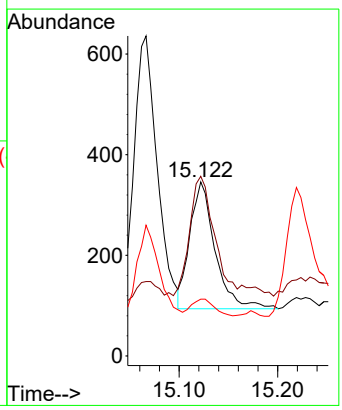


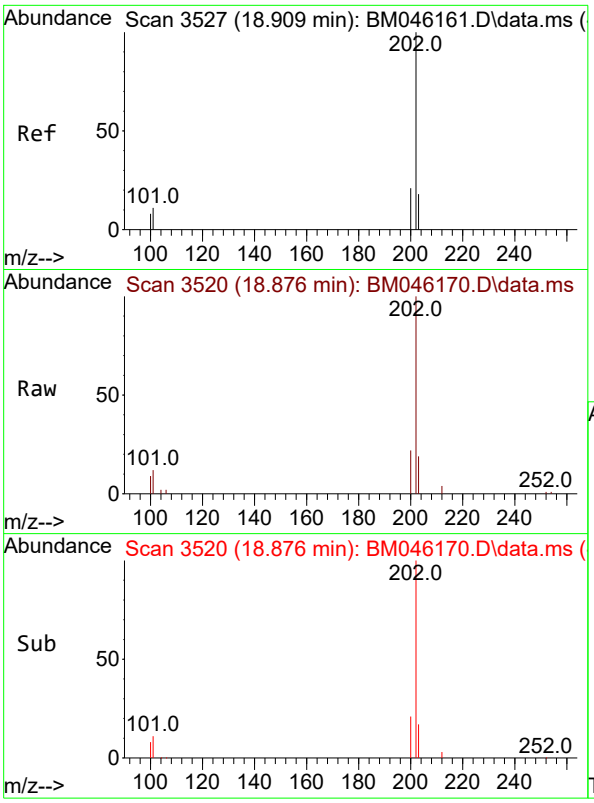


#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:166 Resp: 449

Ion	Ratio	Lower	Upper
166	100		
165	103.2	80.4	120.6
167	32.7	12.4	18.6#



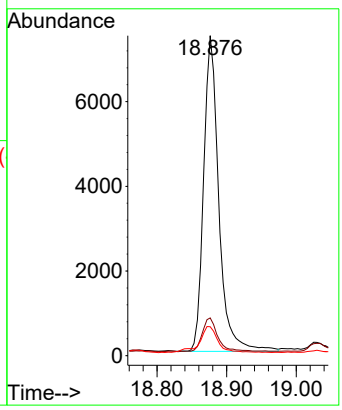


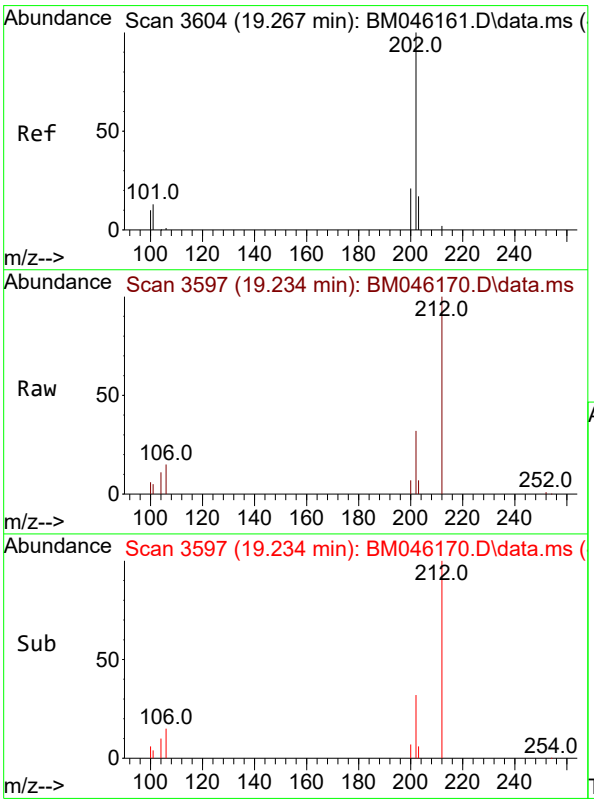
#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 18.876 min Scan# 3
Delta R.T. -0.041 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:202 Resp: 11319

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
100	9.1	7.6	11.4

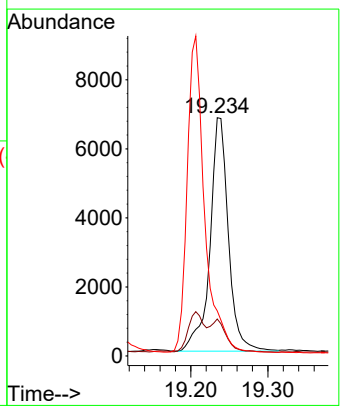


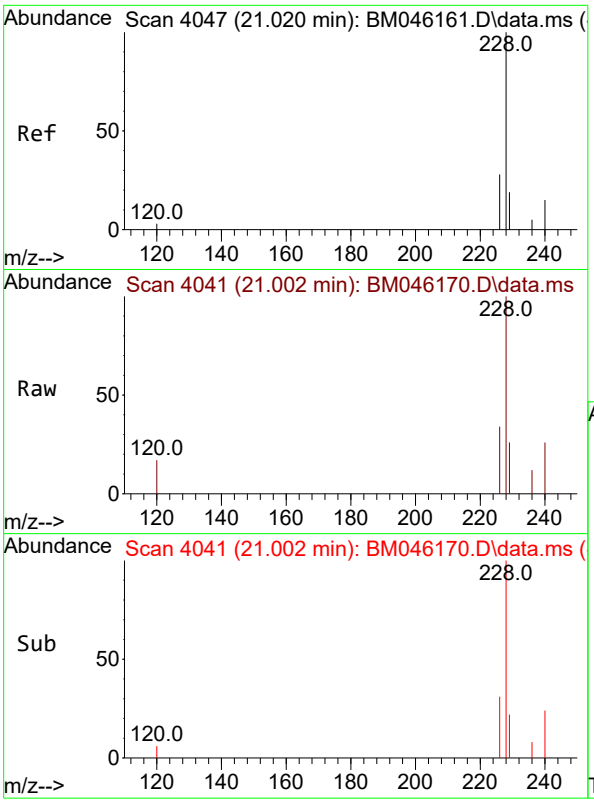


#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:202 Resp: 11241

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.3	16.9
100	18.9	9.8	14.6#



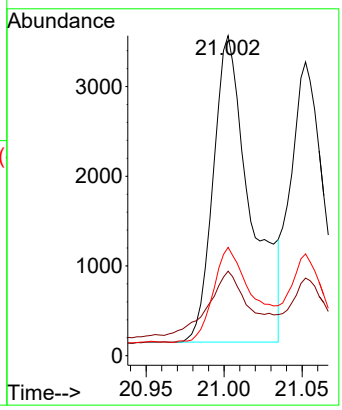


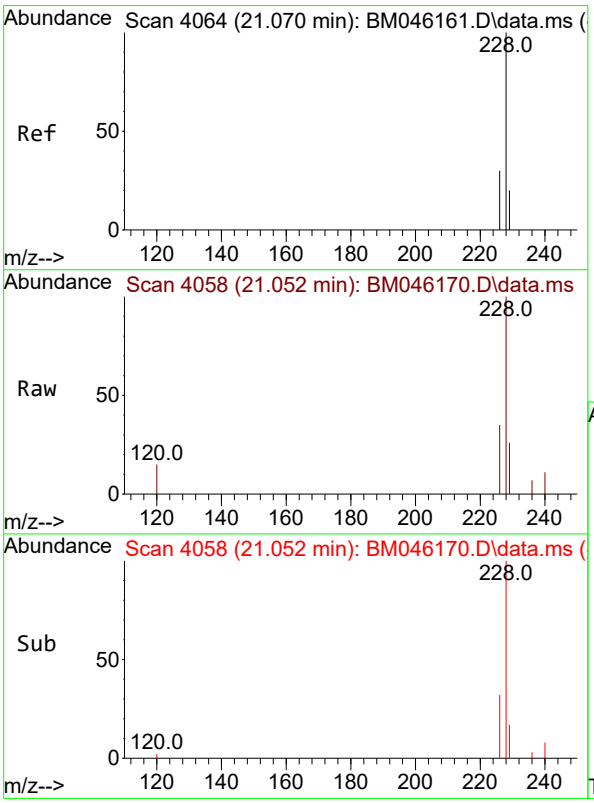
#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.002 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:228 Resp: 5628

Ion	Ratio	Lower	Upper
228	100		
229	26.4	16.4	24.6#
226	33.9	23.4	35.2

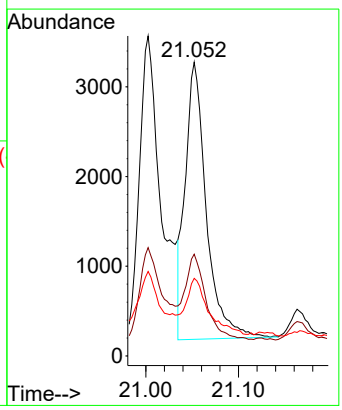


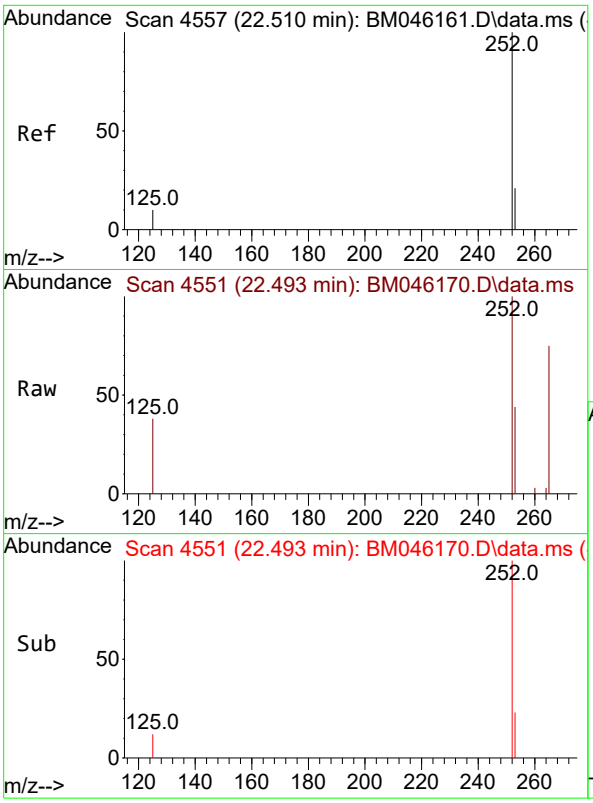


#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:228 Resp: 4852

Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.2	37.8
229	26.4	16.3	24.5#



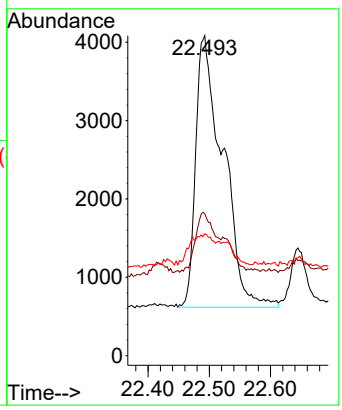


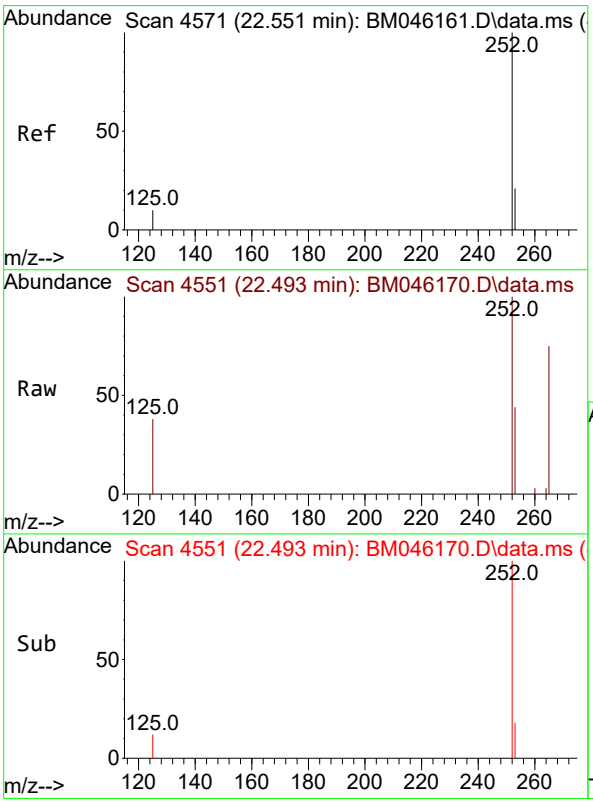
#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul
RT: 22.493 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:252 Resp: 10675

Ion	Ratio	Lower	Upper
252	100		
253	44.4	0.0	65.8
125	38.1	0.0	40.2

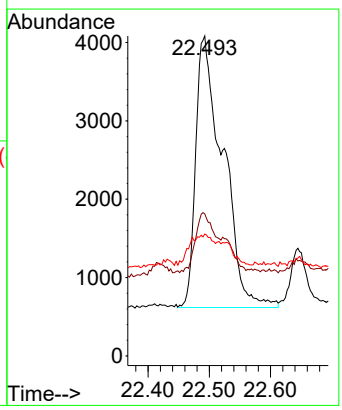


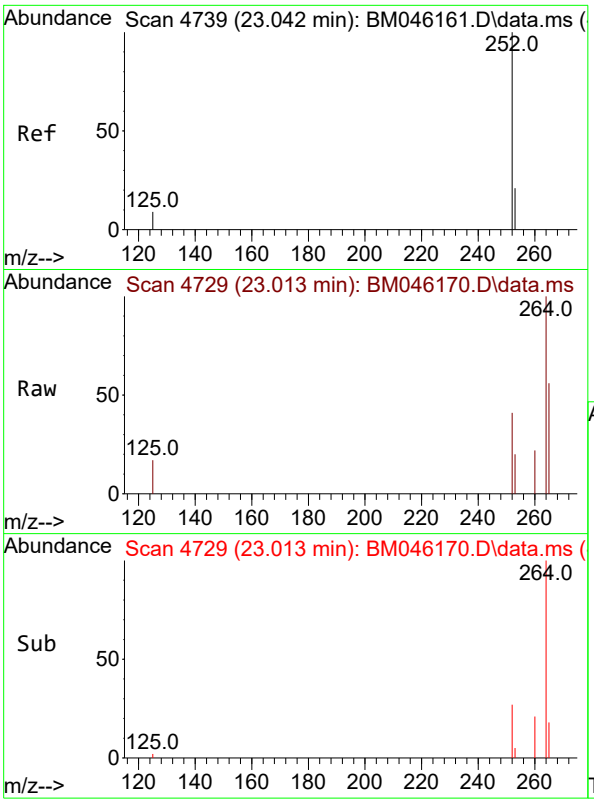


#25
Benzo(k)fluoranthene
Concen: 0.220 ng/ul
RT: 22.493 min Scan# 4551
Delta R.T. -0.071 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:252 Resp: 10675

Ion	Ratio	Lower	Upper
252	100		
253	44.4	27.2	40.8#
125	38.1	16.6	25.0#



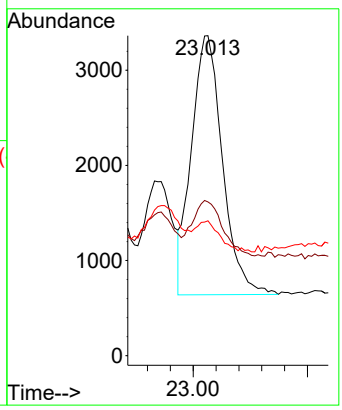


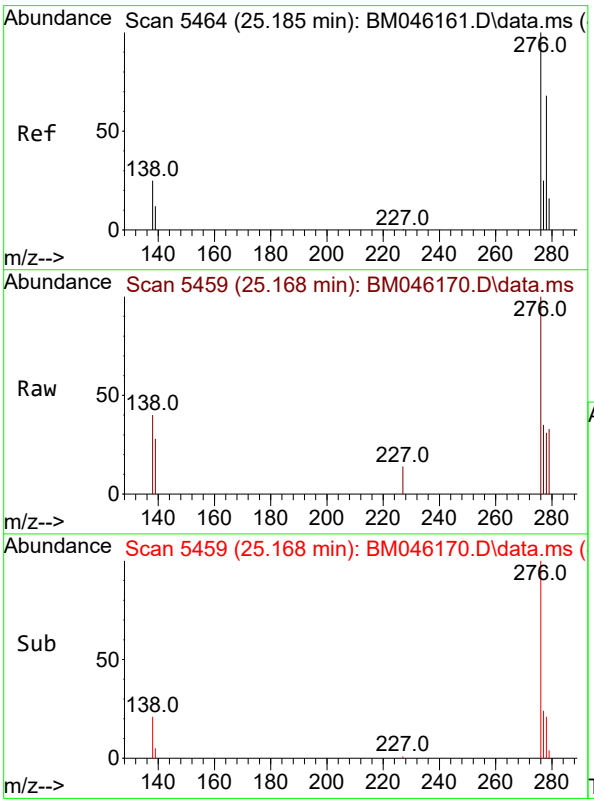
#26
Benzo(a)pyrene
Concen: 0.136 ng/ul
RT: 23.013 min Scan# 4
Delta R.T. -0.042 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:252 Resp: 5148

Ion	Ratio	Lower	Upper
252	100		
253	48.1	32.1	48.1
125	42.2	21.2	31.8#

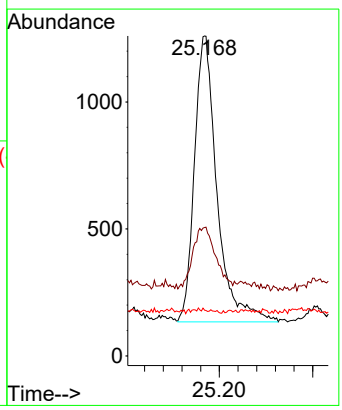


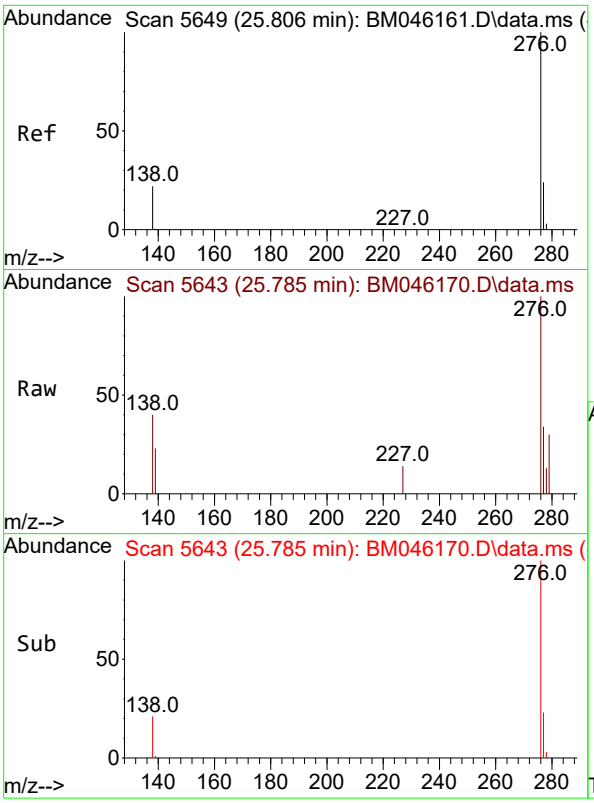


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Tgt Ion:276 Resp: 3777

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.0	31.4
227	0.2	0.0	0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul
RT: 25.785 min Scan# 5
Delta R.T. -0.044 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Tgt Ion:276 Resp: 3980

Ion	Ratio	Lower	Upper
276	100		
138	39.8	21.7	32.5#
277	34.3	20.4	30.6#