Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061629.D
Acq On : 21 Jun 2024 20:58
Operator : MA/JU
Sample : P2754-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Quant Time: Jun 21 22:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	52013	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	254876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	185291	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	431095	20.000	ng/ul	0.00
79) Chrysene-d12	21.709	240	362381	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	449405	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	7022	4.877	ng/uL	0.00
4) Pyridine-d5	3.889	84	105149	24.154	ng/ul	0.00
7) Phenol-d5	7.215	99	153377	27.163	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	91557	26.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	109976	28.382	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	121978	27.944	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	52830	30.527	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	59398	33.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	119459	28.783	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	169683	27.004	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	407933	28.609	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	473414	30.296	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	67630	27.617	ng/ul	0.00
60) Fluorene-d10	15.693	176	382372	30.632	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	32354	17.551	ng/ul	0.00
73) Anthracene-d10	17.544	188	602166	30.601	ng/ul	0.00
81) Pyrene-d10	19.823	212	666073	32.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	679224	31.645	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.765	153	14037	1.162	ng/ul	99
61) Fluorene	15.746	166	18913	1.352	ng/ul	85
72) Phenanthrene	17.485	178	266434	11.748	ng/ul	97
74) Anthracene	17.573	178	84380	3.638	ng/ul	96
77) Carbazole	17.843	167	25875	1.314	ng/ul	96
80) Fluoranthene	19.488	202	296596	12.628	ng/ul	99
82) Pyrene	19.853	202	253922	10.168	ng/ul#	94
85) Benzo(a)anthracene	21.686	228	117440	4.617	ng/ul	98
87) Chrysene	21.751	228	100070	4.158	ng/ul	95
90) Benzo(b)fluoranthene	23.907	252	113113	4.187	ng/ul	92
91) Benzo(k)fluoranthene	23.971	252	35736	1.286	ng/ul#	88
93) Benzo(a)pyrene	24.782	252	92956	3.574	ng/ul#	97
96) Benzo(g,h,i)perylene	29.741	276	34880	1.335	ng/ul	98

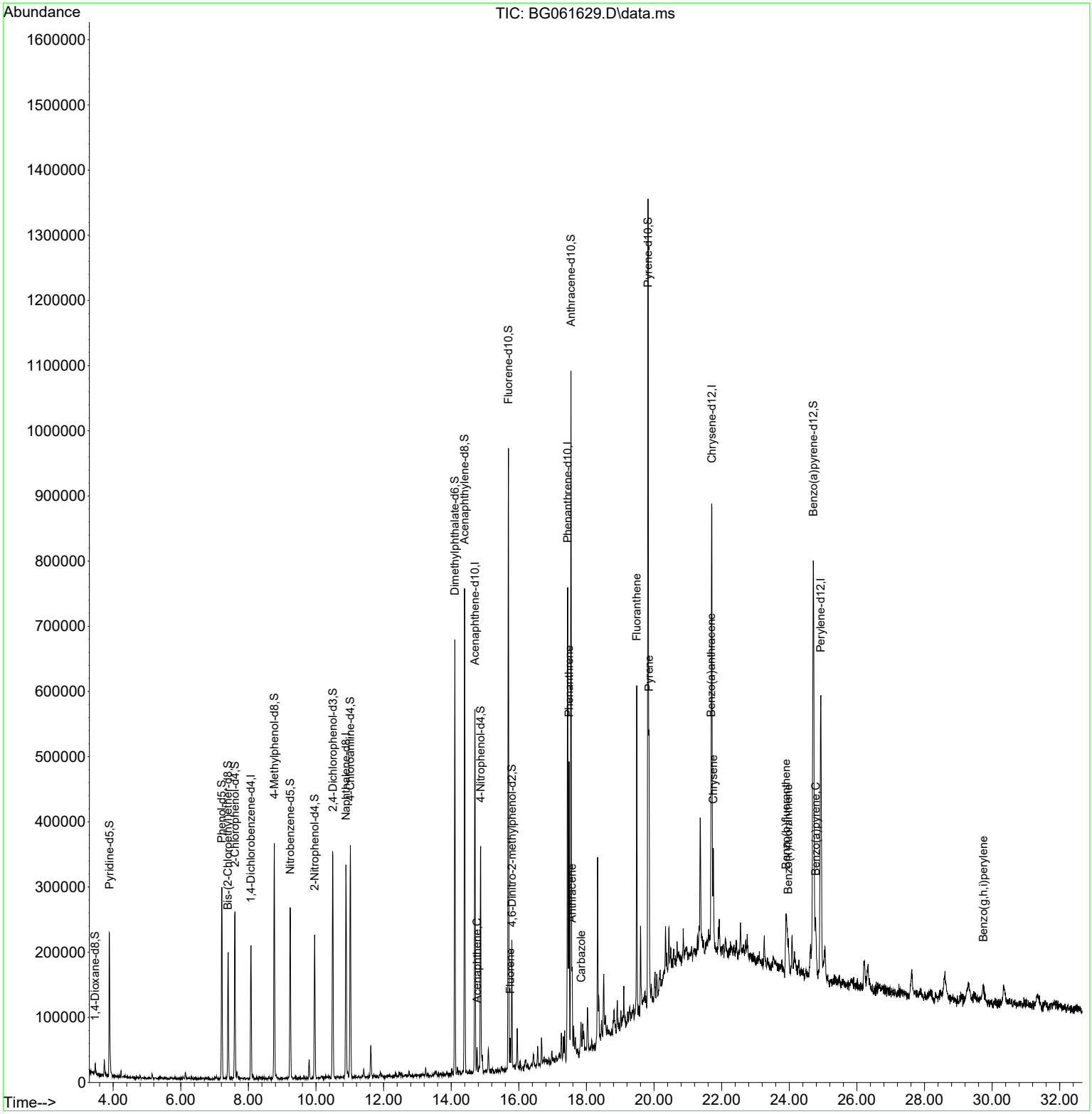
(#) = qualifier out of range (m) = manual integration (+) = signals summed

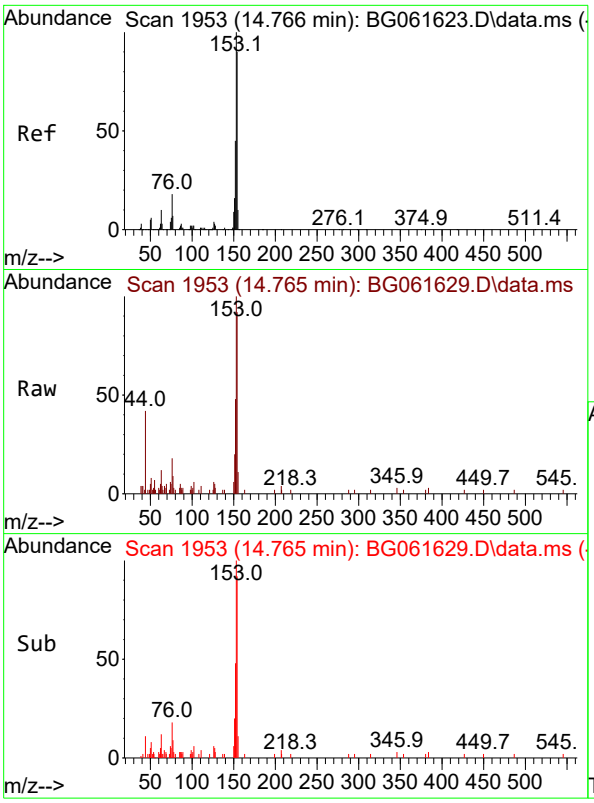
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061629.D
Acq On : 21 Jun 2024 20:58
Operator : MA/JU
Sample : P2754-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Quant Time: Jun 21 22:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration



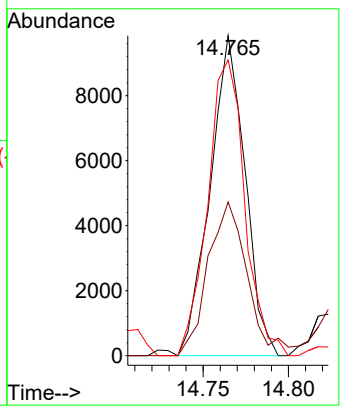


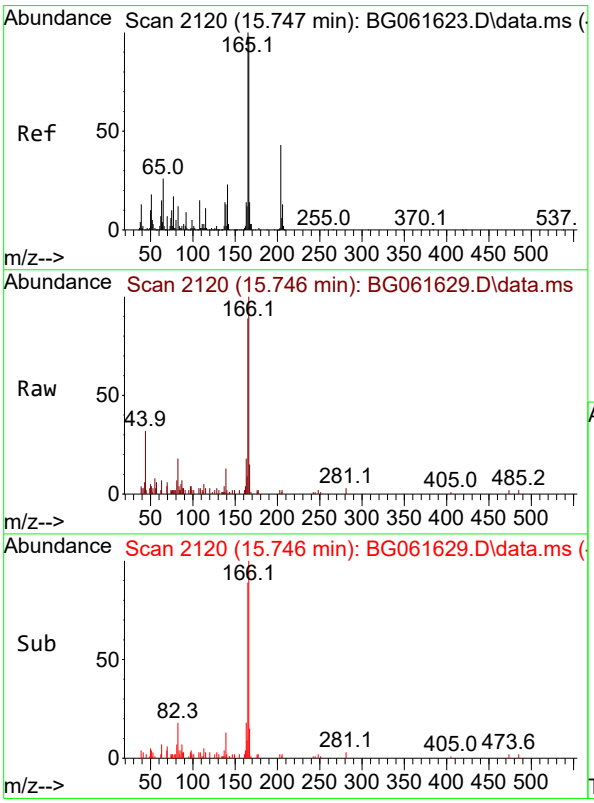
#52
Acenaphthene
Concen: 1.162 ng/ul
RT: 14.765 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:153 Resp: 14037

Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.0	60.0
154	92.4	74.1	111.1

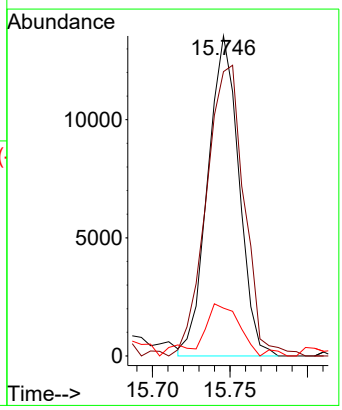


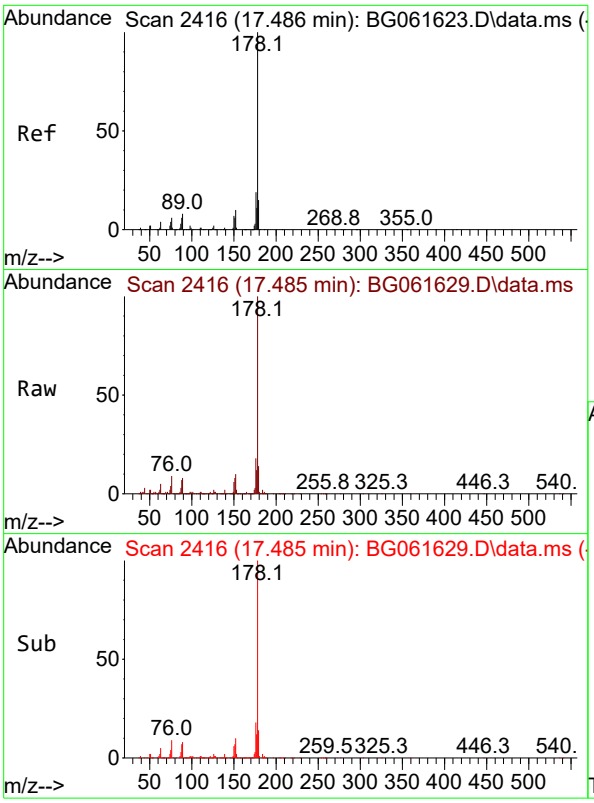


#61
Fluorene
Concen: 1.352 ng/ul
RT: 15.746 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:166 Resp: 18913

Ion	Ratio	Lower	Upper
166	100		
165	88.8	84.9	127.3
167	15.0	10.9	16.3



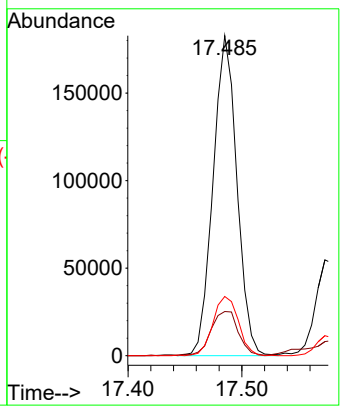


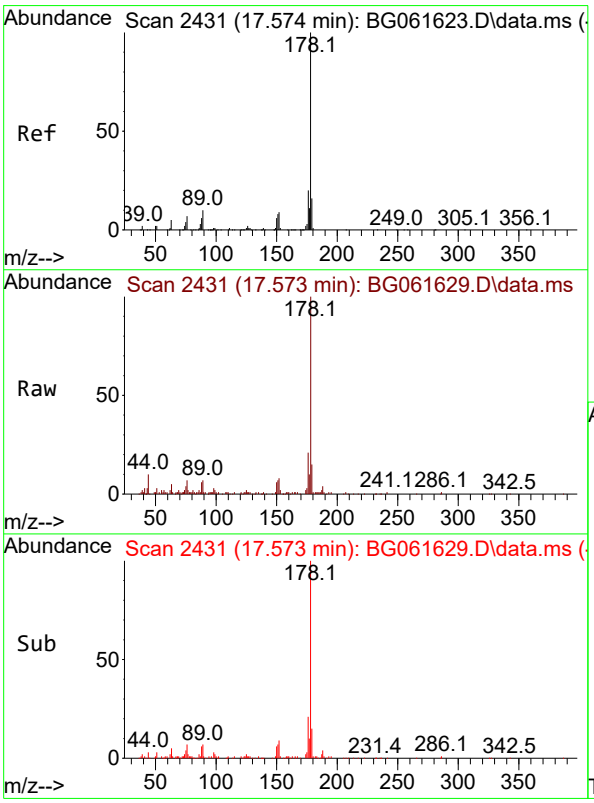
#72
Phenanthrene
Concen: 11.748 ng/ul
RT: 17.485 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:178 Resp: 266434

Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.0	18.0
176	18.5	16.2	24.2

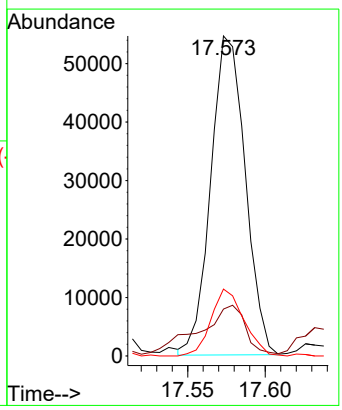


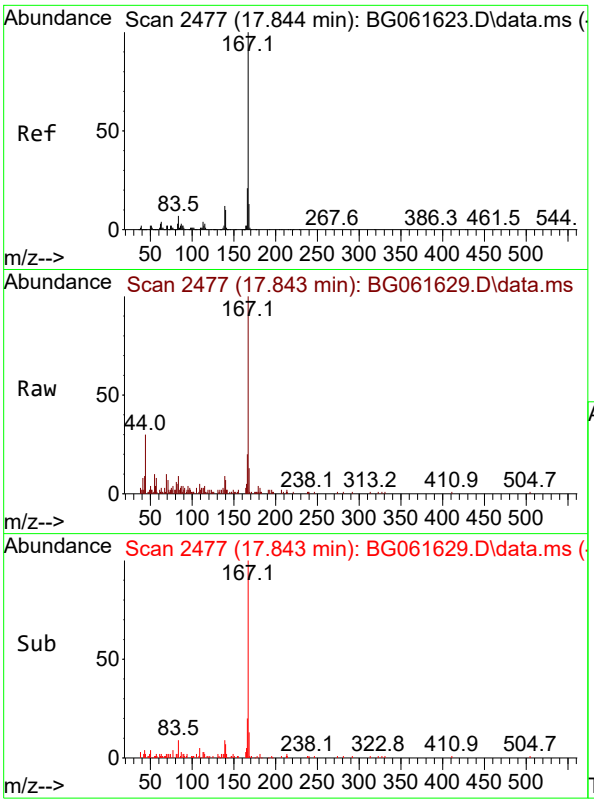


#74
Anthracene
Concen: 3.638 ng/ul
RT: 17.573 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:178 Resp: 84380

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.4	17.2
176	20.9	14.7	22.1



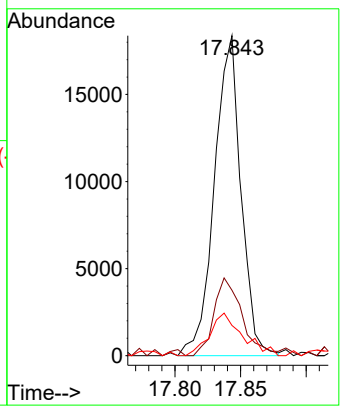


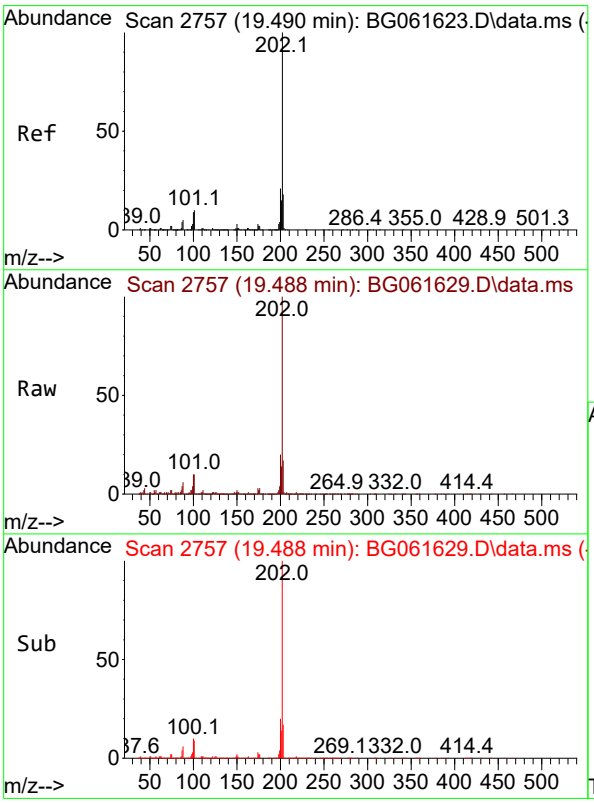
#77
Carbazole
Concen: 1.314 ng/ul
RT: 17.843 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:167 Resp: 25875

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.5	26.3
139	9.5	9.4	14.2

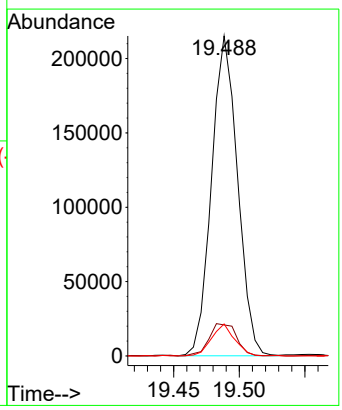


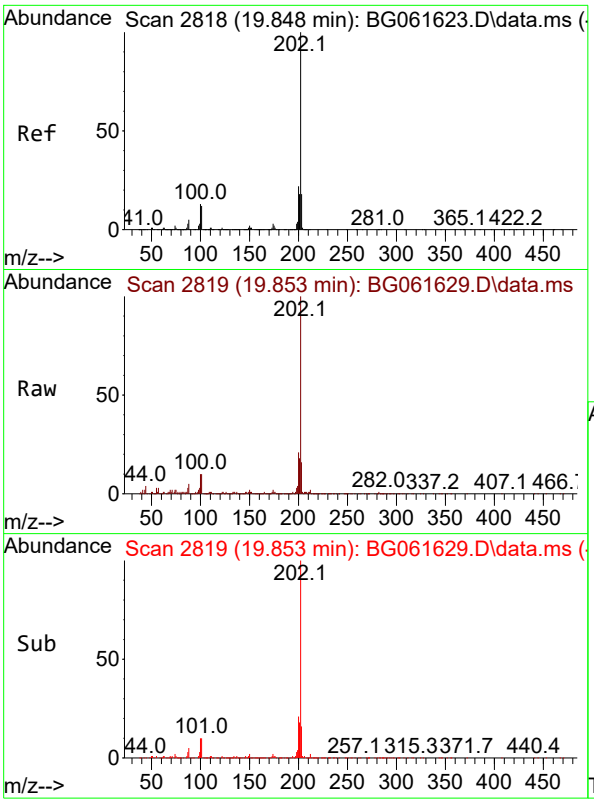


#80
Fluoranthene
Concen: 12.628 ng/ul
RT: 19.488 min Scan# 2757
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:202 Resp: 296596

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	10.0	7.7	11.5



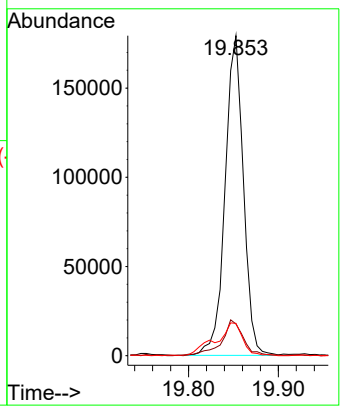


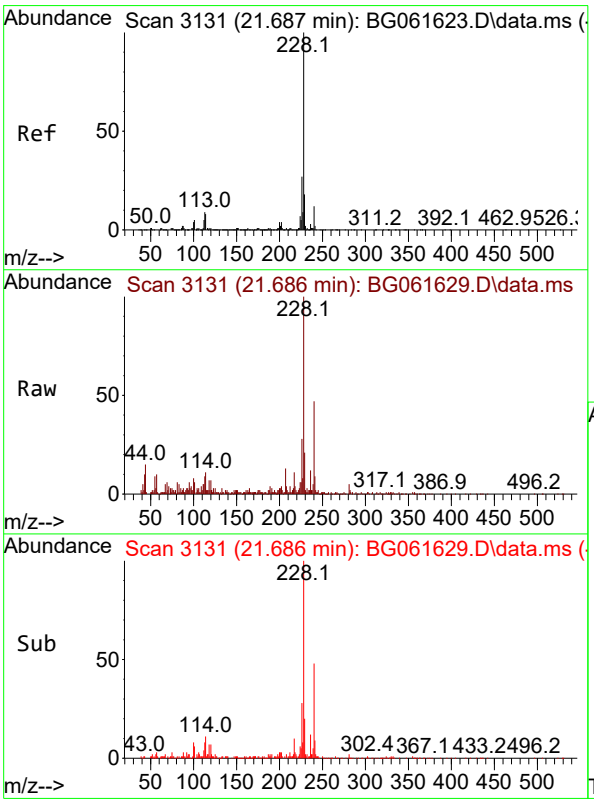
#82
Pyrene
Concen: 10.168 ng/ul
RT: 19.853 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:202 Resp: 253922

Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.1	15.1#
100	10.1	9.9	14.9

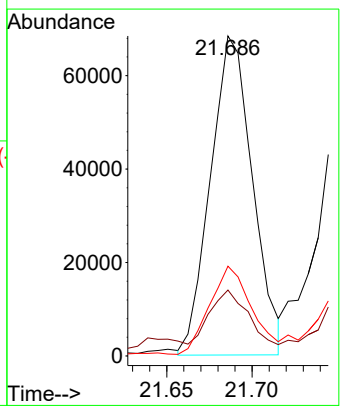


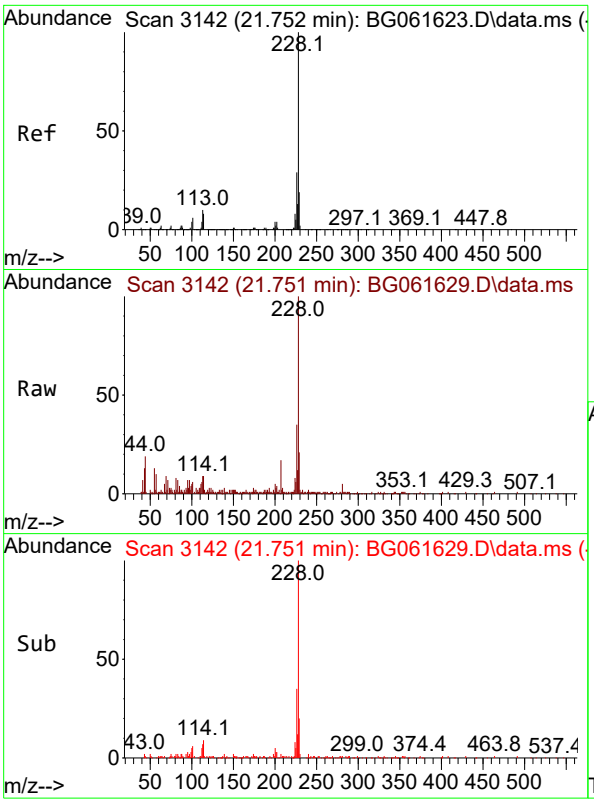


#85
Benzo(a)anthracene
Concen: 4.617 ng/ul
RT: 21.686 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:228 Resp: 117440

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.1	21.4	32.2



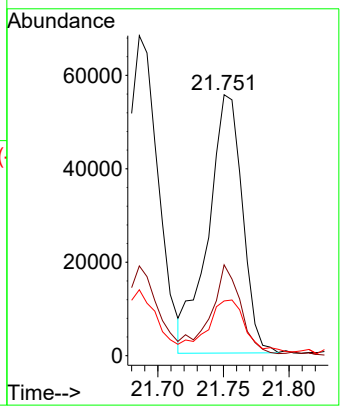


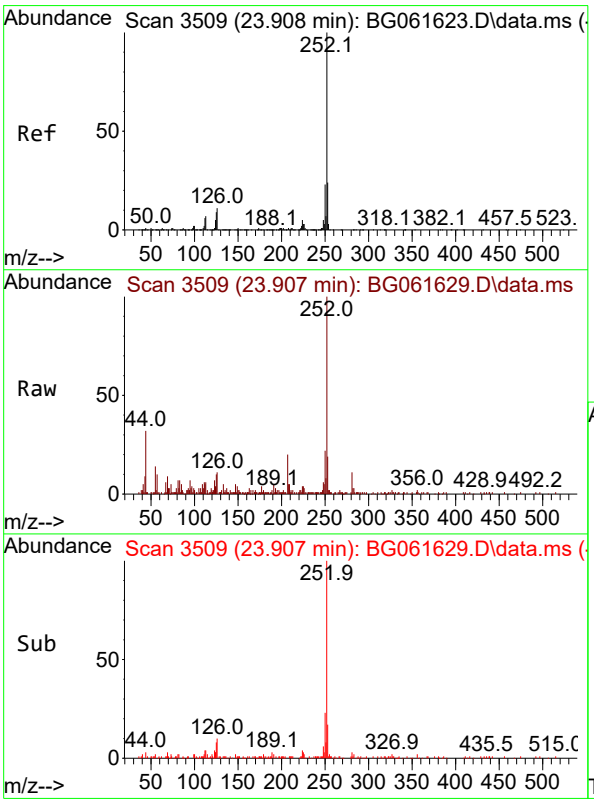
#87
Chrysene
Concen: 4.158 ng/ul
RT: 21.751 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:228 Resp: 100070

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.2	36.2
229	21.0	16.5	24.7

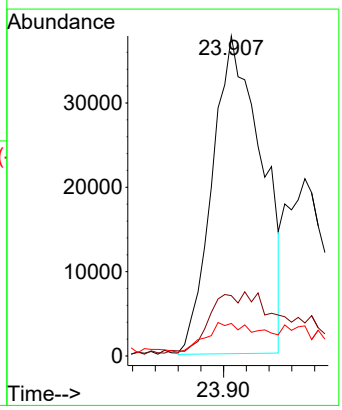


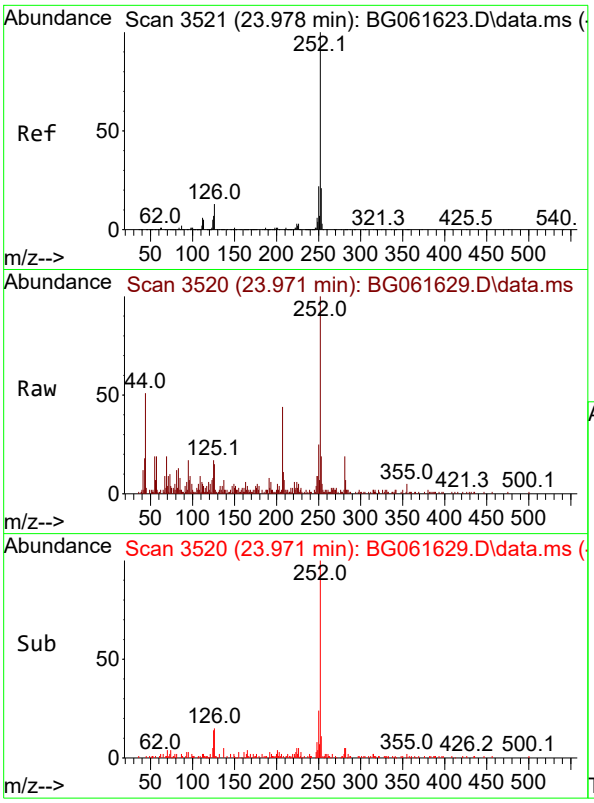


#90
Benzo(b)fluoranthene
Concen: 4.187 ng/ul
RT: 23.907 min Scan# 3509
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:252 Resp: 113113

Ion	Ratio	Lower	Upper
252	100		
253	18.8	18.6	27.8
125	10.2	7.0	10.6



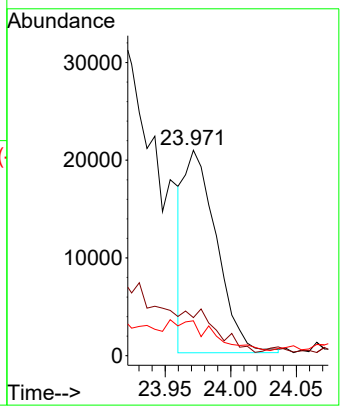


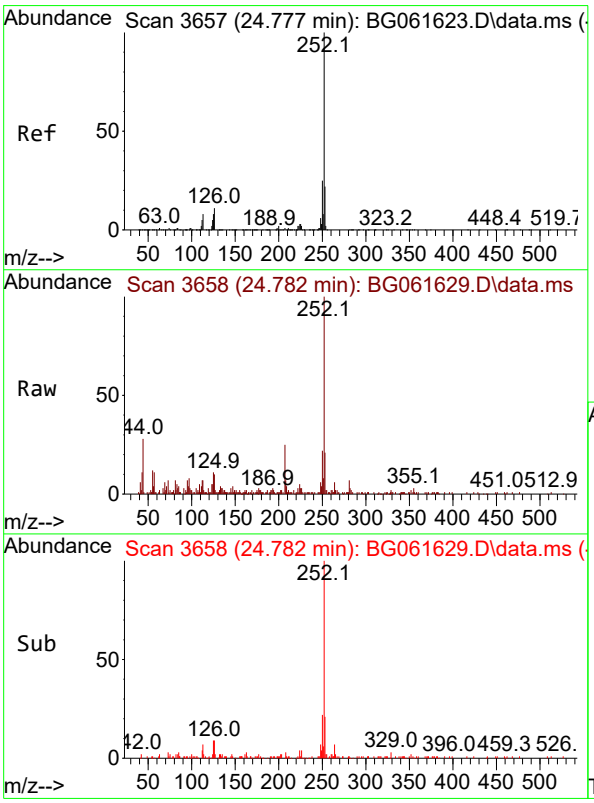
#91
Benzo(k)fluoranthene
Concen: 1.286 ng/ul
RT: 23.971 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:252 Resp: 35736

Ion	Ratio	Lower	Upper
252	100		
253	18.6	17.8	26.6
125	17.0	6.2	9.2#

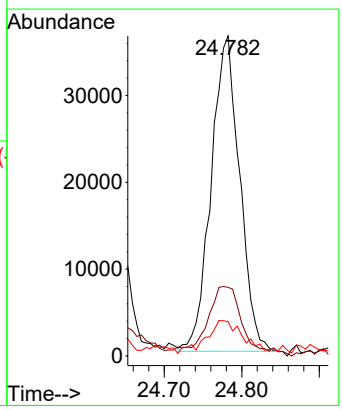


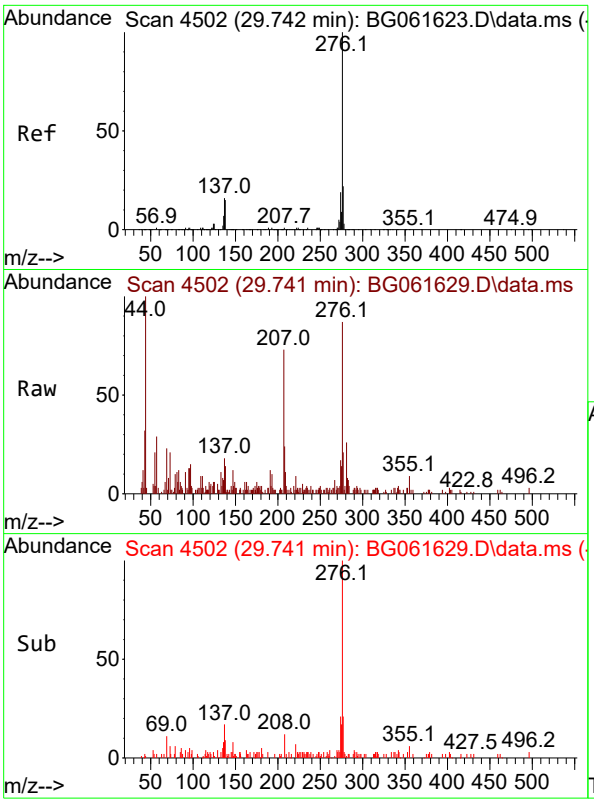


#93
Benzo(a)pyrene
Concen: 3.574 ng/ul
RT: 24.782 min Scan# 3658
Delta R.T. -0.010 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Tgt Ion:252 Resp: 92956

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	10.7	6.5	9.7#





#96
Benzo(g,h,i)perylene
Concen: 1.335 ng/ul
RT: 29.741 min Scan# 4
Delta R.T. -0.016 min
Lab File: BG061629.D
Acq: 21 Jun 2024 20:58

Instrument :
BNA_G
ClientSampleId :
A4BQ0

Tgt Ion:276 Resp: 34880

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.2	18.4
277	24.1	18.6	27.8