Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061556.D
Acq On : 8 Jun 2024 7:19
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C41

Quant Time: Jun 09 22:58:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	27841	20.000	ng/ul	0.00
20) Naphthalene-d8	10.662	136	105039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	78338	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	185112	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	200525	20.000	ng/ul	0.00
88) Perylene-d12	24.622	264	231628	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	2468	4.961	ng/uL	-0.03
4) Pyridine-d5	3.741	84	33385	18.863	ng/ul	-0.03
7) Phenol-d5	7.060	99	52481	22.954	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.196	67	29788	20.729	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.413	132	41490	24.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	43648	22.389	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	21545	26.641	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.751	143	26288	27.774	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	52168	28.272	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	38538	15.964	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	155829	25.648	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	170513	26.995	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	16600	22.099	ng/ul	0.00
60) Fluorene-d10	15.504	176	138708	26.443	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	21138	18.880	ng/ul	0.00
73) Anthracene-d10	17.360	188	230209	28.208	ng/ul	0.00
81) Pyrene-d10	19.657	212	278767	27.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.411	264	311079	27.935	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	51750	5.760	ng/ul	98
74) Anthracene	17.301	178	51750	5.571	ng/ul	96
80) Fluoranthene	19.323	202	97800	7.918	ng/ul	98
82) Pyrene	19.687	202	91506	7.137	ng/ul	98
85) Benzo(a)anthracene	21.502	228	53642	3.877	ng/ul	93
87) Chrysene	21.561	228	52979	4.158	ng/ul	99
90) Benzo(b)fluoranthene	23.647	252	73759	5.348	ng/ul#	98
91) Benzo(k)fluoranthene	23.700	252	21697	1.550	ng/ul#	91
93) Benzo(a)pyrene	24.469	252	51721	3.950	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.130	276	19886	1.256	ng/ul#	97

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

Quantitation Report (Not Reviewed)

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Data File : BG061556.D
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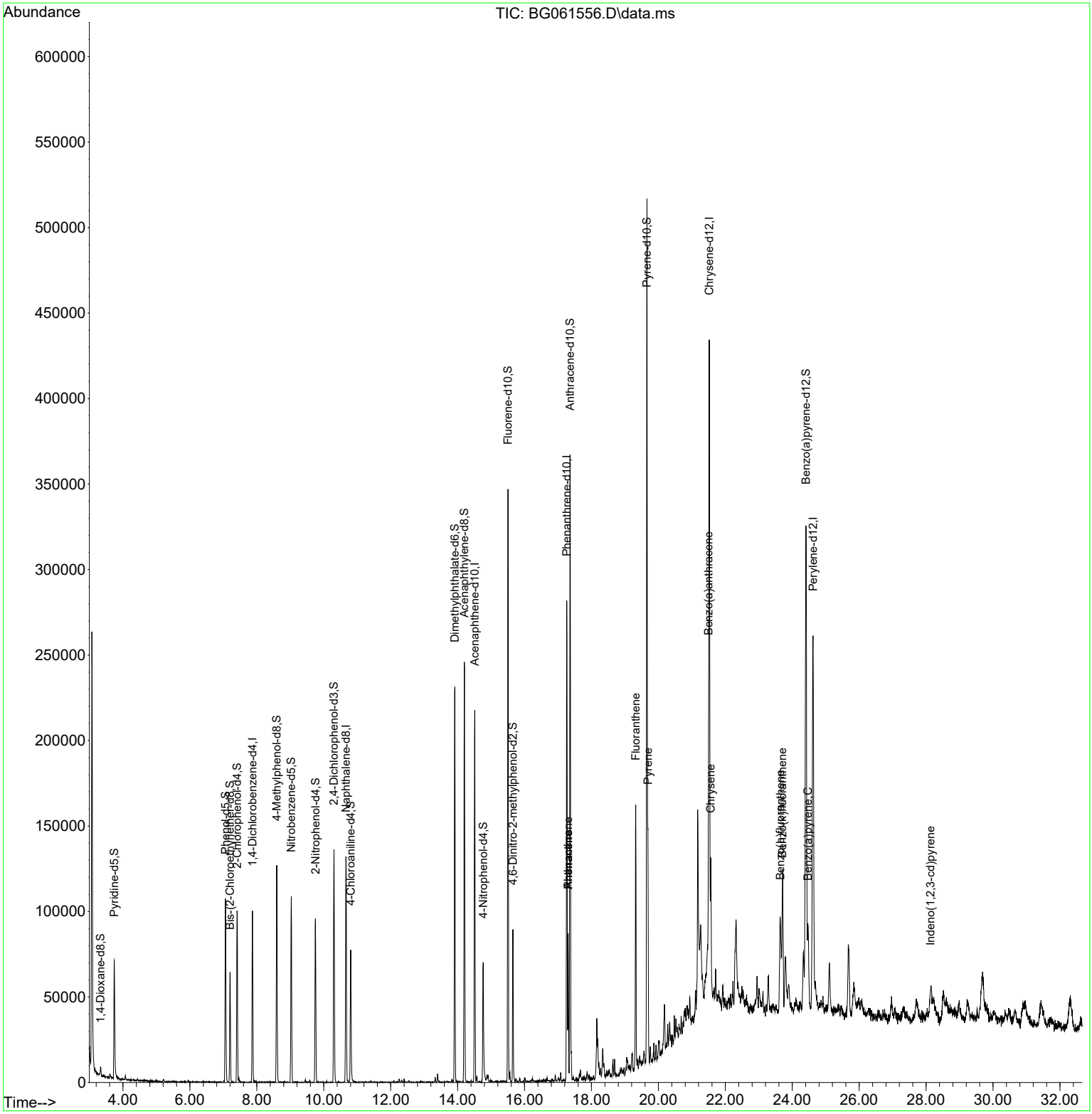
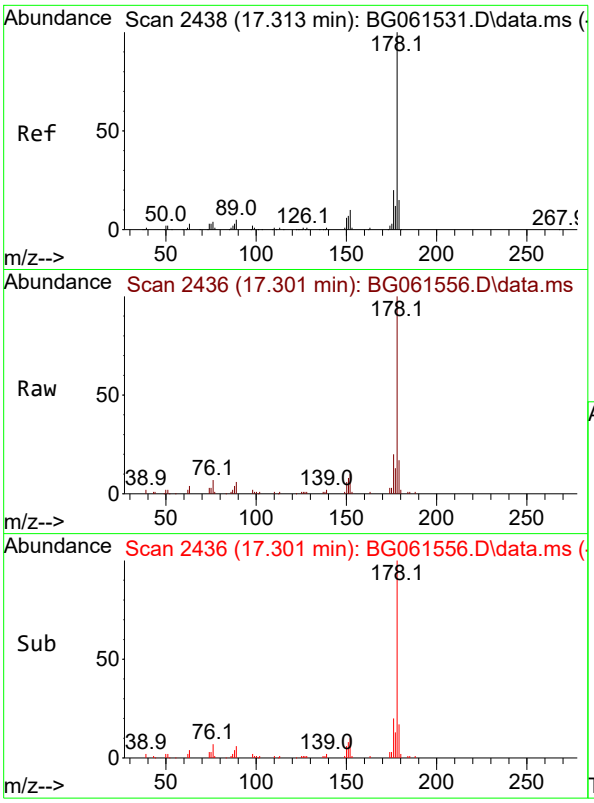
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C41

Quant Time: Jun 09 22:58:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



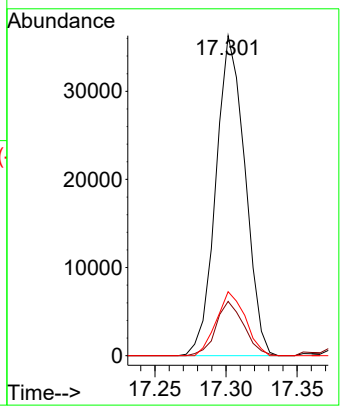


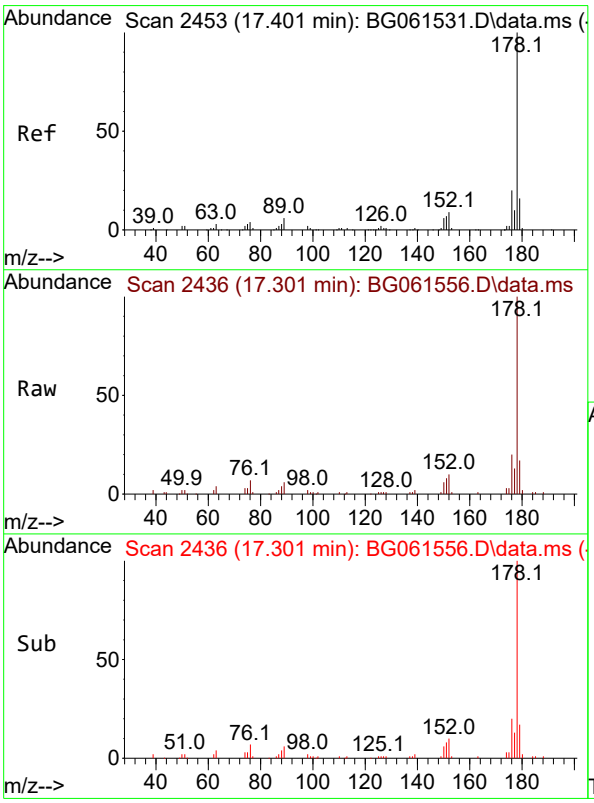
#72
Phenanthrene
Concen: 5.760 ng/ul
RT: 17.301 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Instrument :
BNA_G
ClientSampleId :
A4C41

Tgt Ion:178 Resp: 51750

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	20.0	15.5	23.3

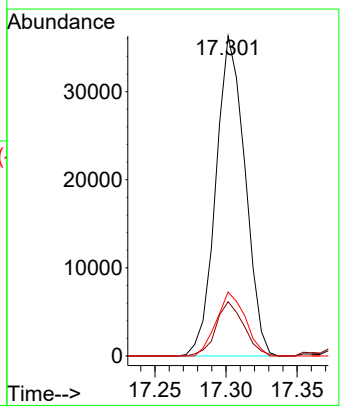


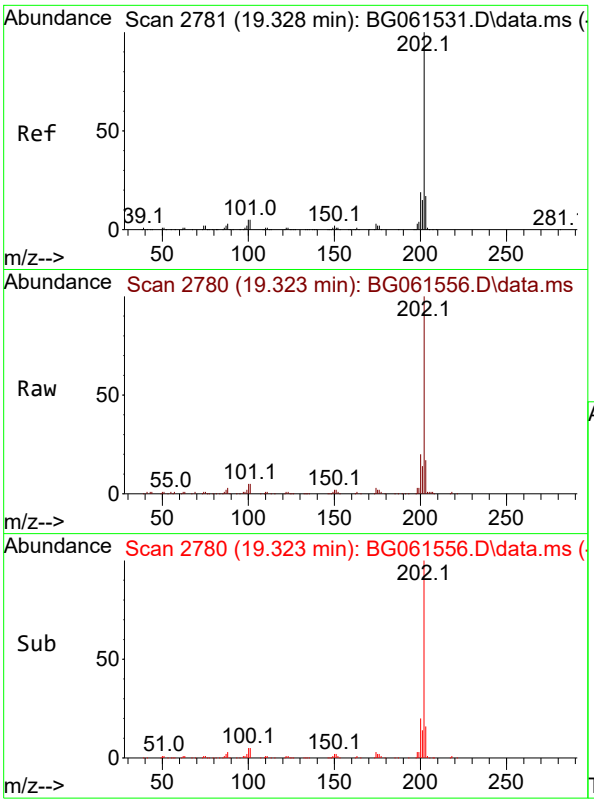


#74
Anthracene
Concen: 5.571 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. -0.093 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Tgt Ion:178 Resp: 51750

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.8	17.6
176	20.0	14.9	22.3



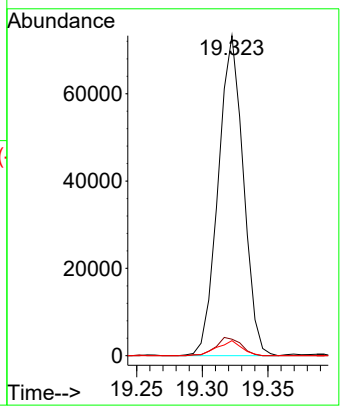


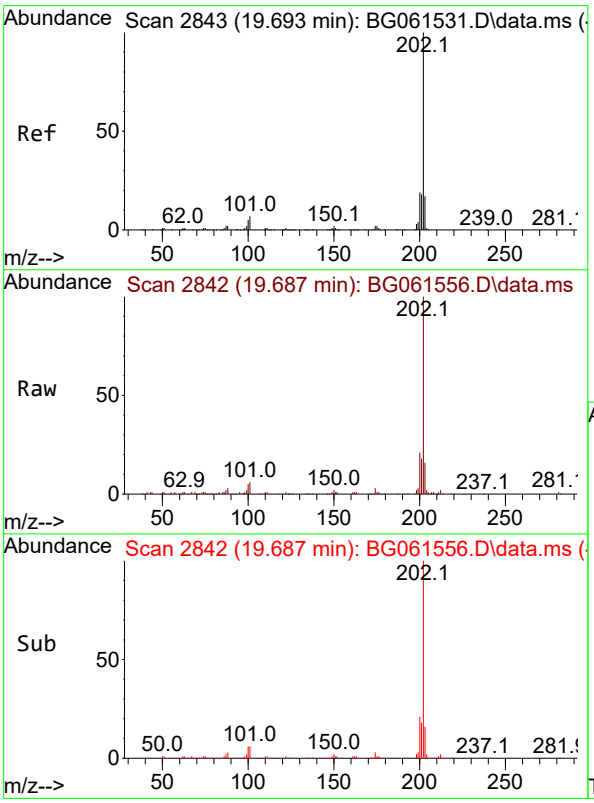
#80
Fluoranthene
Concen: 7.918 ng/ul
RT: 19.323 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Instrument :
BNA_G
ClientSampleId :
A4C41

Tgt Ion:202 Resp: 97800

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.8	7.2
100	4.7	4.1	6.1

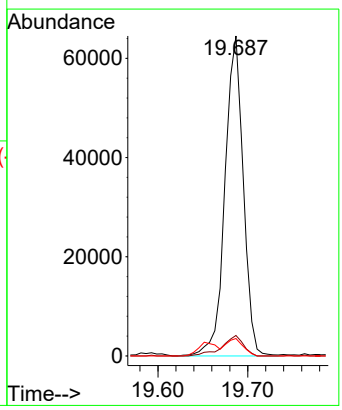


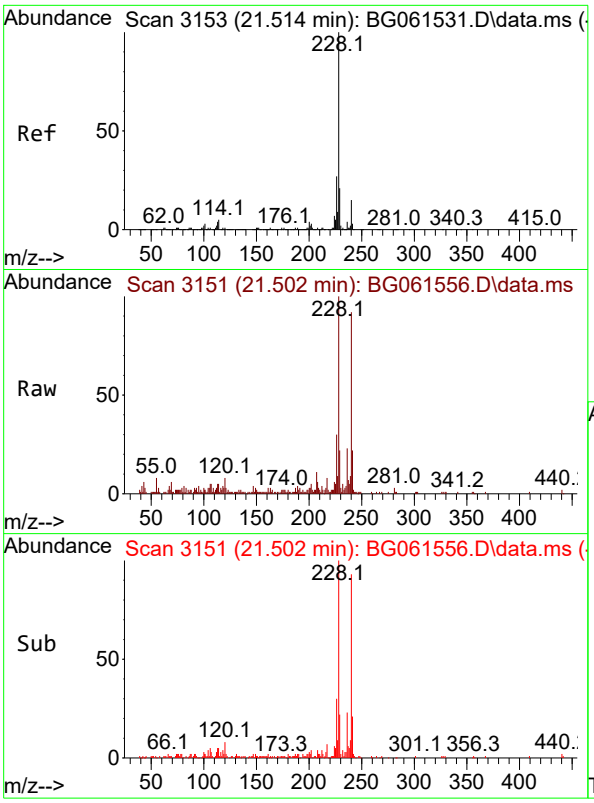


#82
Pyrene
Concen: 7.137 ng/ul
RT: 19.687 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Tgt Ion:202 Resp: 91506

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.7	8.5
100	5.4	5.1	7.7



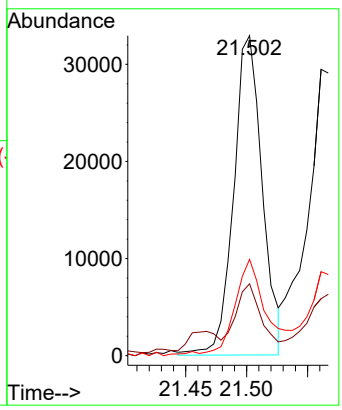


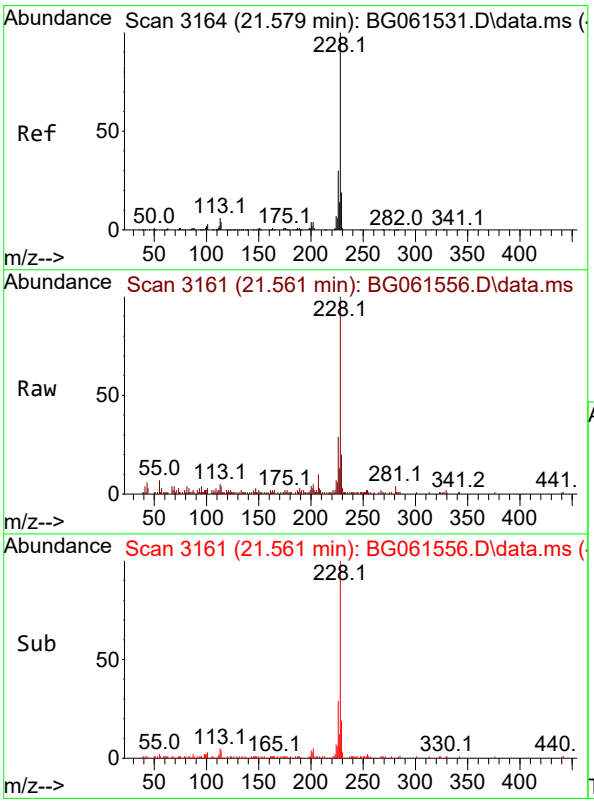
#85
Benzo(a)anthracene
Concen: 3.877 ng/ul
RT: 21.502 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Instrument :
BNA_G
ClientSampleId :
A4C41

Tgt Ion:228 Resp: 53642

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.2	22.8
226	30.1	21.4	32.2

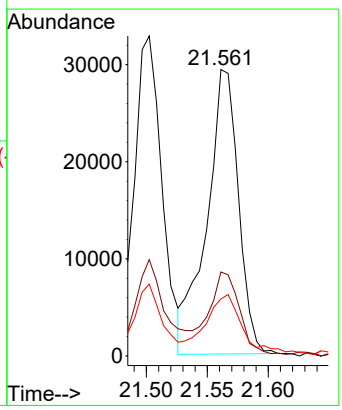


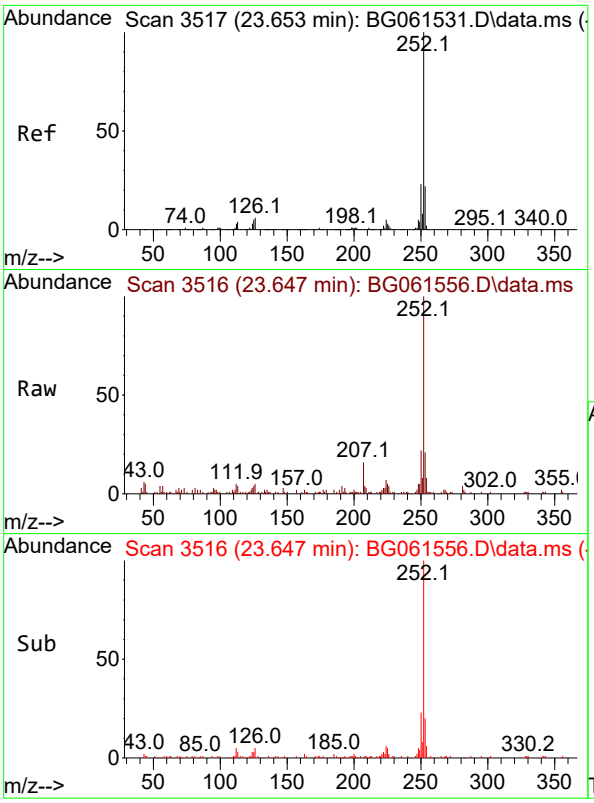


#87
Chrysene
Concen: 4.158 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Tgt Ion:228 Resp: 52979

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.9	15.4	23.2



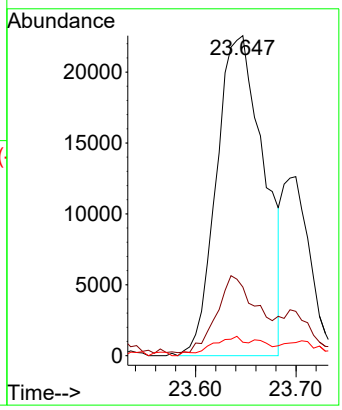


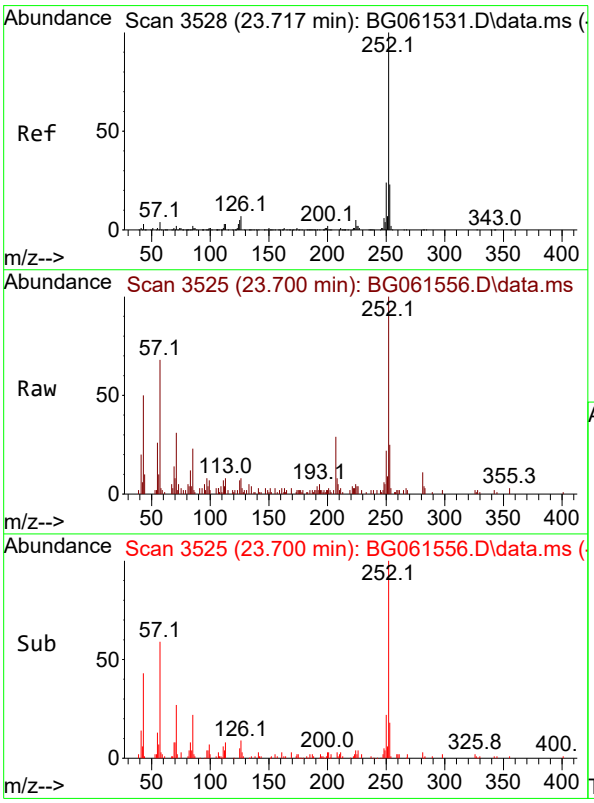
#90
Benzo(b)fluoranthene
Concen: 5.348 ng/ul
RT: 23.647 min Scan# 3
Delta R.T. 0.013 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Instrument :
BNA_G
ClientSampleId :
A4C41

Tgt Ion:252 Resp: 73759

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	4.2	4.6	6.8#

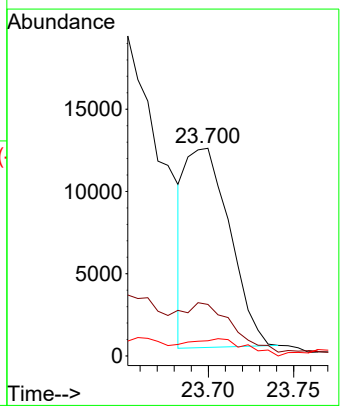


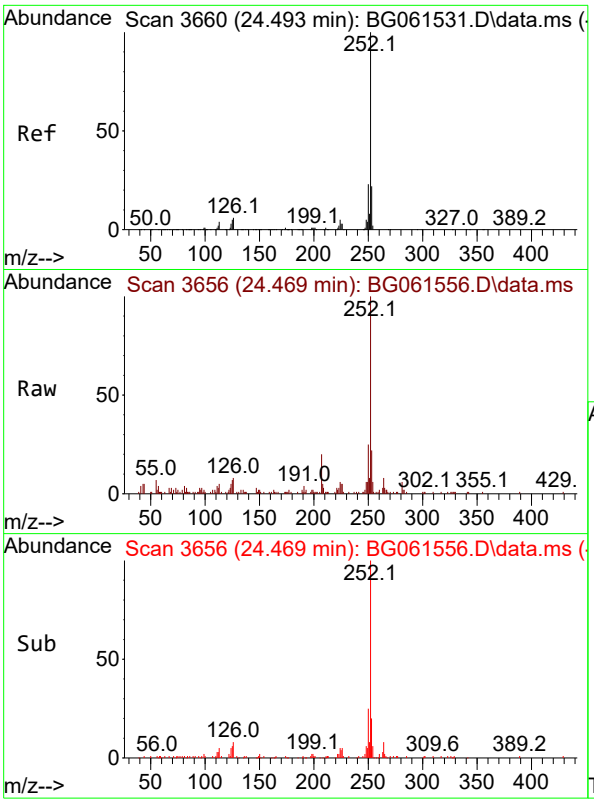


#91
Benzo(k)fluoranthene
Concen: 1.550 ng/ul
RT: 23.700 min Scan# 3525
Delta R.T. 0.001 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Tgt Ion:252 Resp: 21697

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.0	24.0#
125	7.3	4.3	6.5#



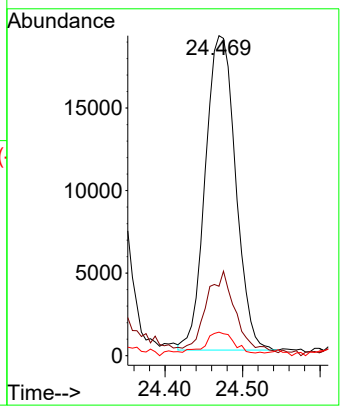


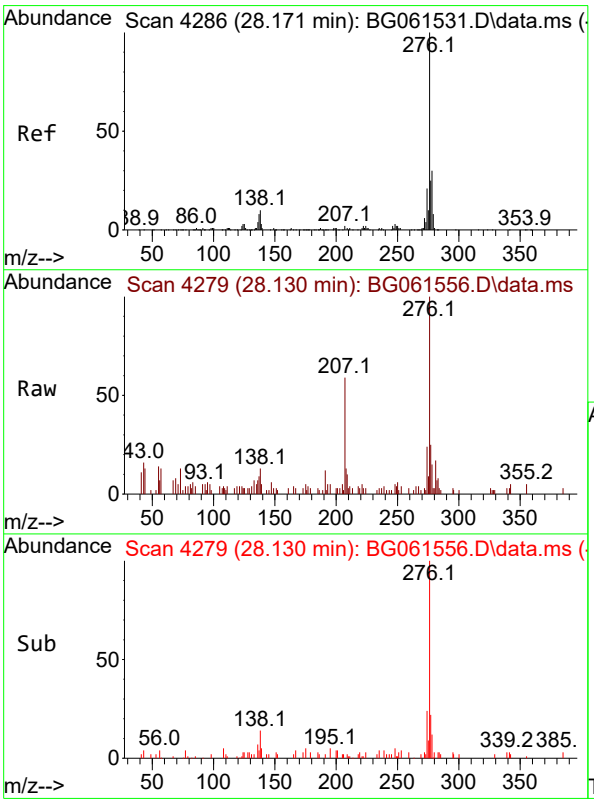
#93
Benzo(a)pyrene
Concen: 3.950 ng/ul
RT: 24.469 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Instrument :
BNA_G
ClientSampleId :
A4C41

Tgt Ion:252 Resp: 51721

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.4	24.6
125	7.3	4.3	6.5#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.256 ng/ul
RT: 28.130 min Scan# 4279
Delta R.T. -0.005 min
Lab File: BG061556.D
Acq: 8 Jun 2024 7:19

Tgt Ion:276 Resp: 19886

Ion	Ratio	Lower	Upper
276	100		
138	13.4	8.6	13.0#
277	25.4	19.7	29.5