Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061540.D
Acq On : 7 Jun 2024 19:39
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BG8

Quant Time: Jun 07 21:49:46 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	7.870	152	21857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	90794	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	69678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	167578	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	185705	20.000	ng/ul	0.00
88) Perylene-d12	24.627	264	214300	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	72	0.184	ng/uL	0.00
4) Pyridine-d5	3.734	84	15437	11.110	ng/ul	-0.04
7) Phenol-d5	7.060	99	56209	31.316	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	32647	28.938	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	46313	34.864	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	46006	30.059	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	24130	34.518	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.751	143	28237	34.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	57642	36.140	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	52395	25.110	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	184367	34.116	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	196790	35.027	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	16695	24.988	ng/ul	0.00
60) Fluorene-d10	15.509	176	162306	34.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	25230	24.893	ng/ul	0.00
73) Anthracene-d10	17.365	188	262443	35.523	ng/ul	0.00
81) Pyrene-d10	19.662	212	296367	31.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264	252508	24.509	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	25661	3.155	ng/ul	97
80) Fluoranthene	19.328	202	56934	4.977	ng/ul#	96
82) Pyrene	19.686	202	44670	3.762	ng/ul	98
85) Benzo(a)anthracene	21.507	228	31722	2.476	ng/ul	97
87) Chrysene	21.572	228	31603	2.679	ng/ul	98
90) Benzo(b)fluoranthene	23.646	252	40717	3.191	ng/ul#	94
91) Benzo(k)fluoranthene	23.705	252	13154	1.016	ng/ul#	92
93) Benzo(a)pyrene	24.474	252	18582	1.534	ng/ul#	94

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

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BNA_G
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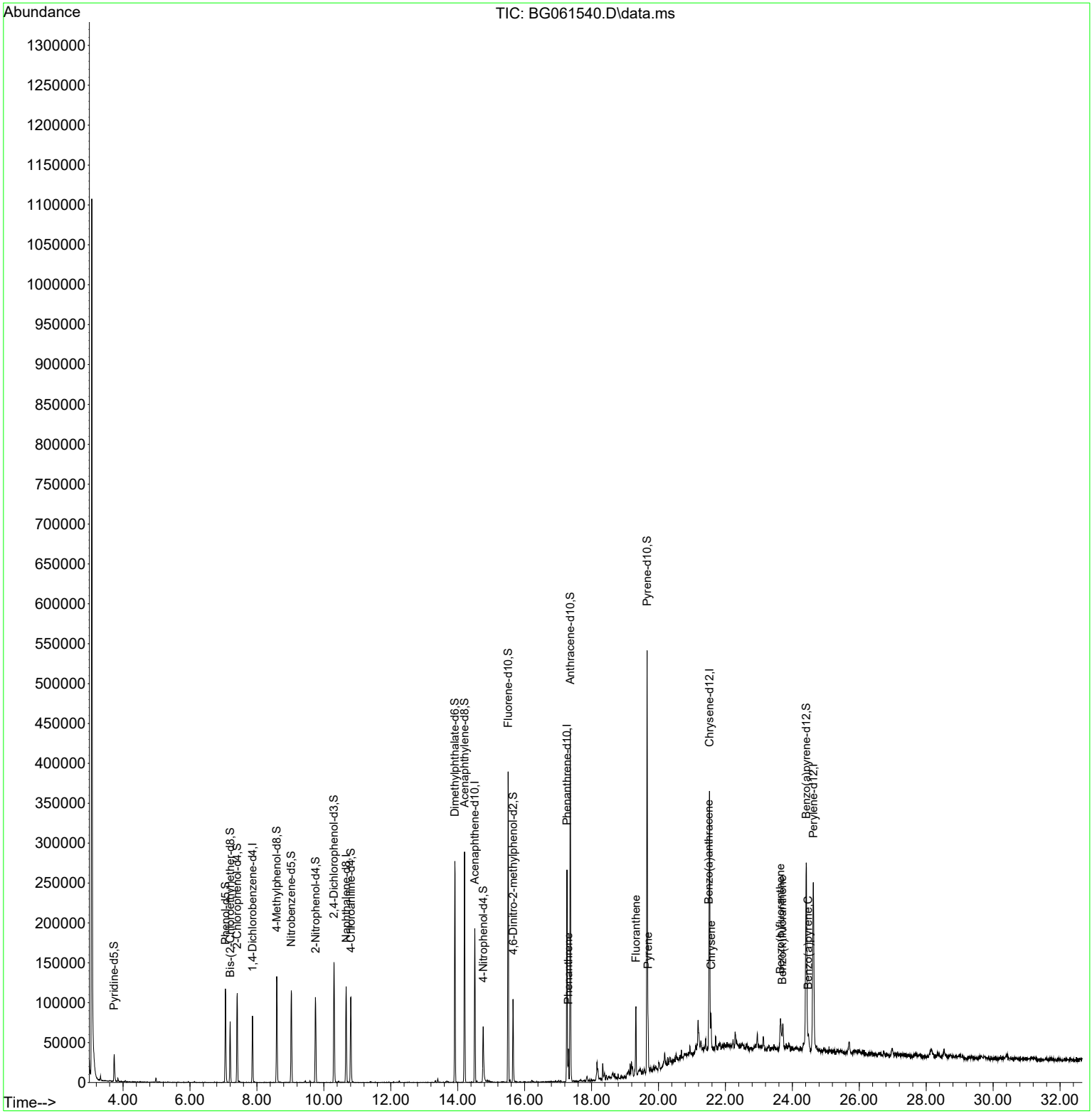
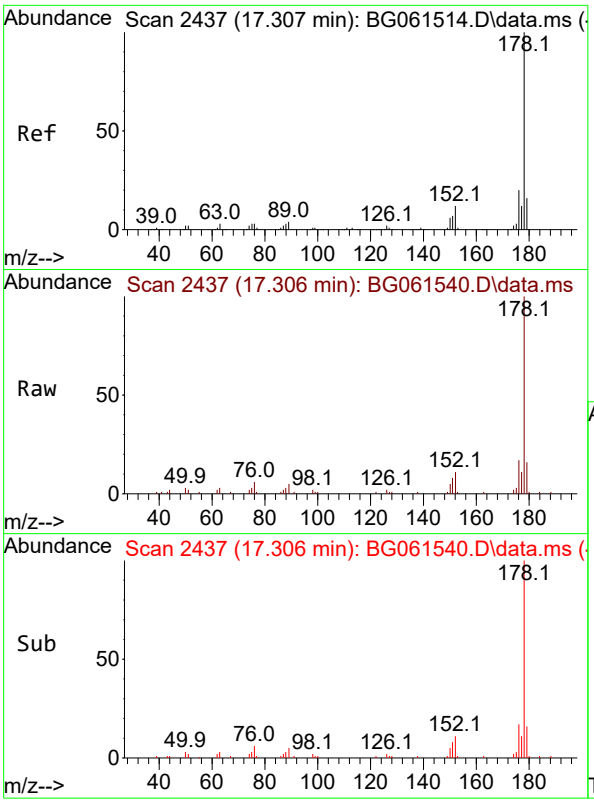
A4BG8

Quant Time: Jun 07 21:49:46 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



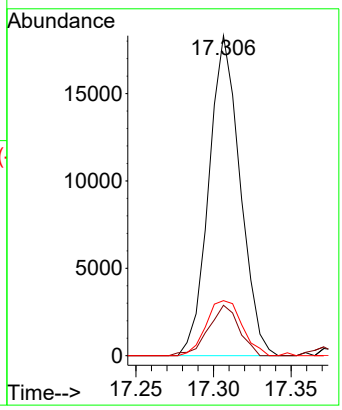


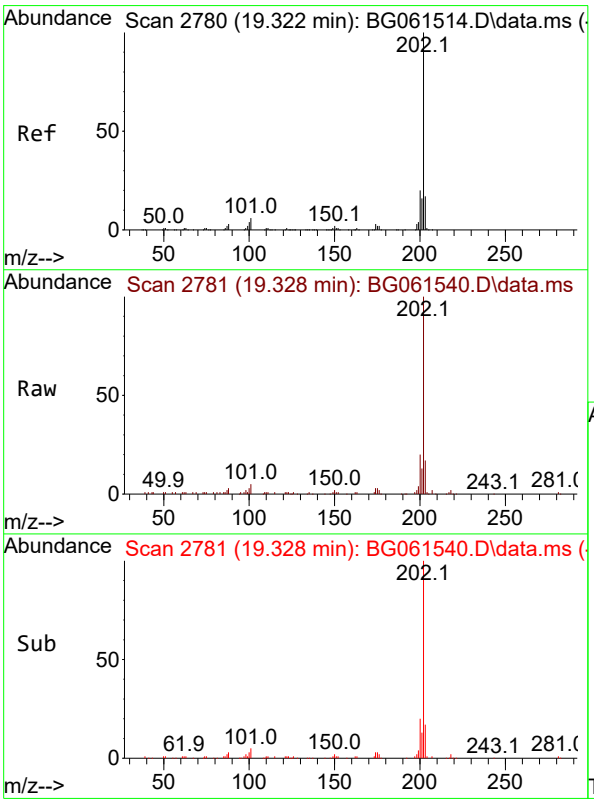
#72
Phenanthrene
Concen: 3.155 ng/ul
RT: 17.306 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Instrument :
BNA_G
ClientSampleId :
A4BG8

Tgt Ion:178 Resp: 25661

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	17.2	15.5	23.3

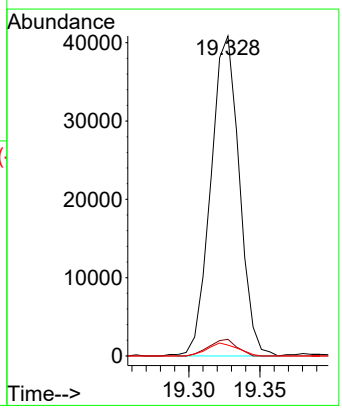


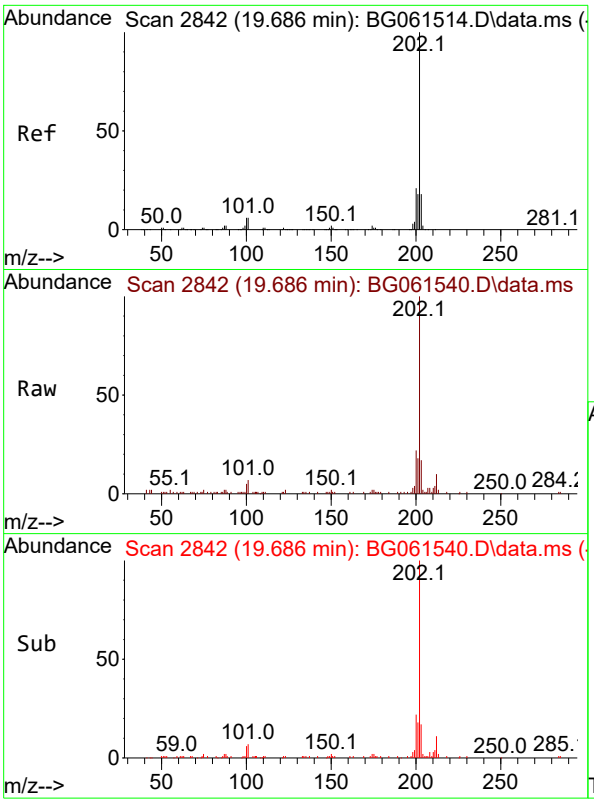


#80
Fluoranthene
Concen: 4.977 ng/ul
RT: 19.328 min Scan# 2781
Delta R.T. 0.006 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Tgt Ion:202 Resp: 56934

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.8	7.2
100	3.4	4.1	6.1#



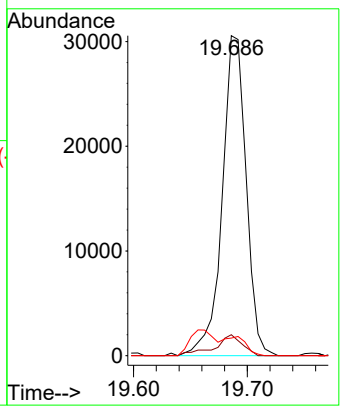


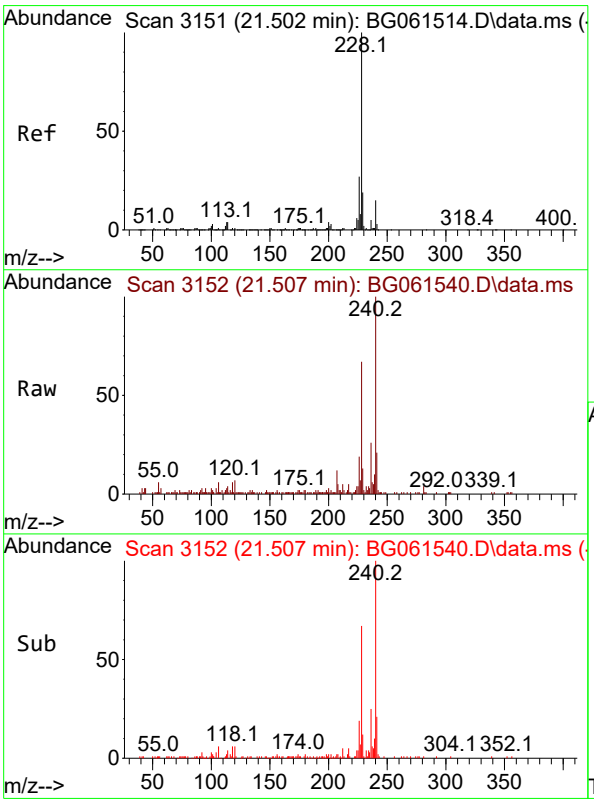
#82
Pyrene
Concen: 3.762 ng/ul
RT: 19.686 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Instrument :
BNA_G
ClientSampleId :
A4BG8

Tgt Ion:202 Resp: 44670

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.7	8.5
100	5.5	5.1	7.7

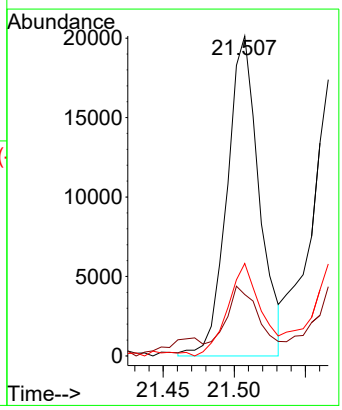


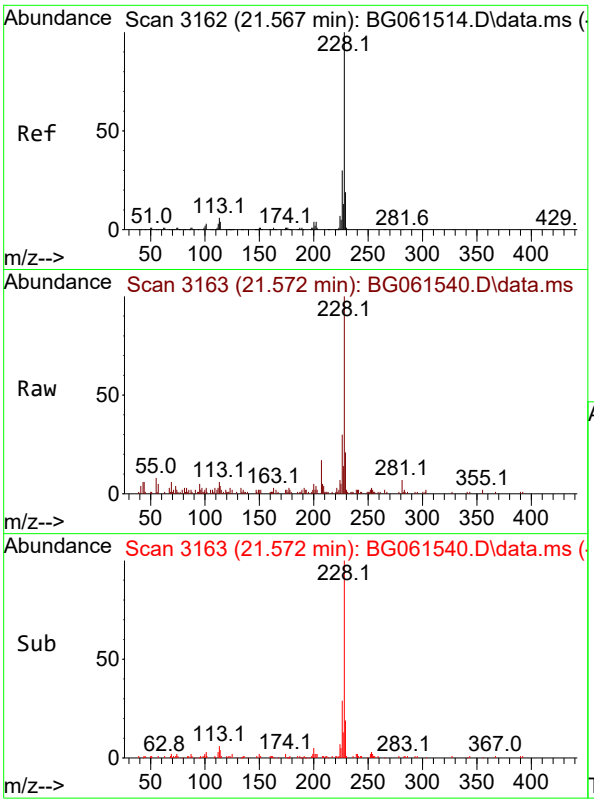


#85
Benzo(a)anthracene
Concen: 2.476 ng/ul
RT: 21.507 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Tgt Ion:228 Resp: 31722

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.2	22.8
226	28.9	21.4	32.2



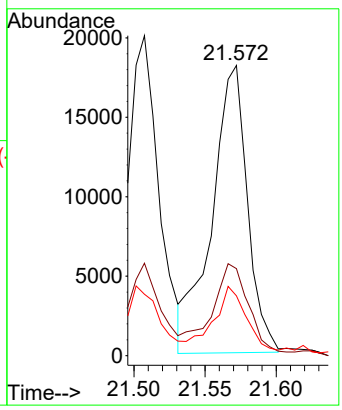


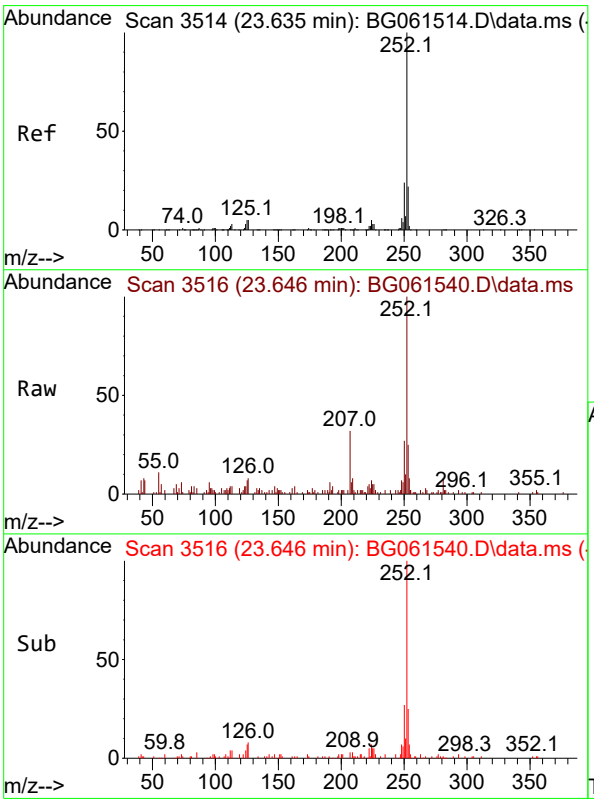
#87
Chrysene
Concen: 2.679 ng/ul
RT: 21.572 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Instrument :
BNA_G
ClientSampleId :
A4BG8

Tgt Ion:228 Resp: 31603

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.6	15.4	23.2

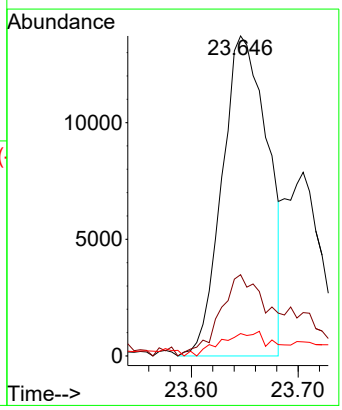


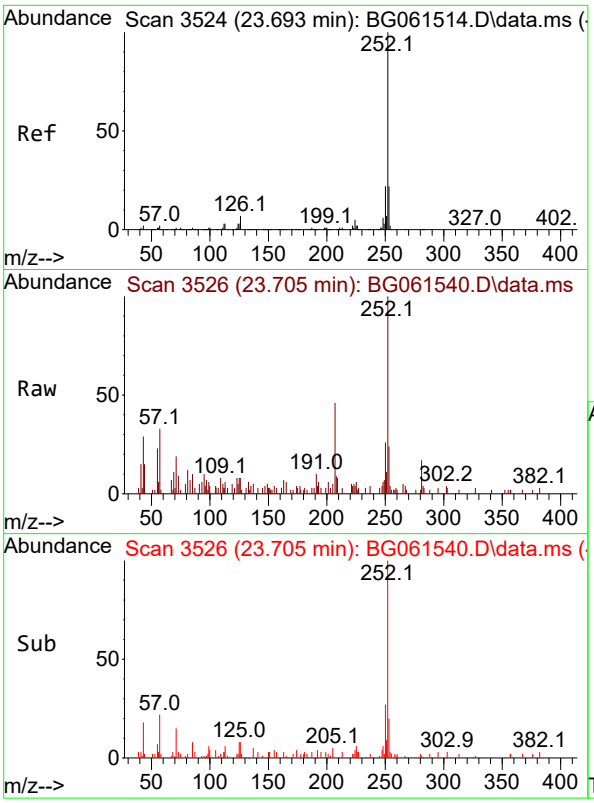


#90
Benzo(b)fluoranthene
Concen: 3.191 ng/ul
RT: 23.646 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Tgt Ion:252 Resp: 40717

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	7.0	4.6	6.8#



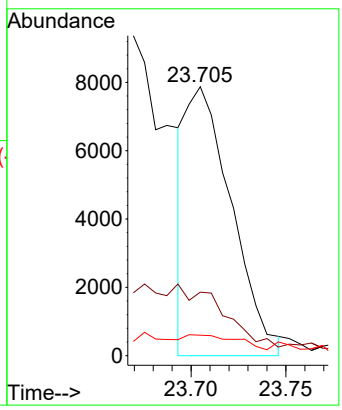


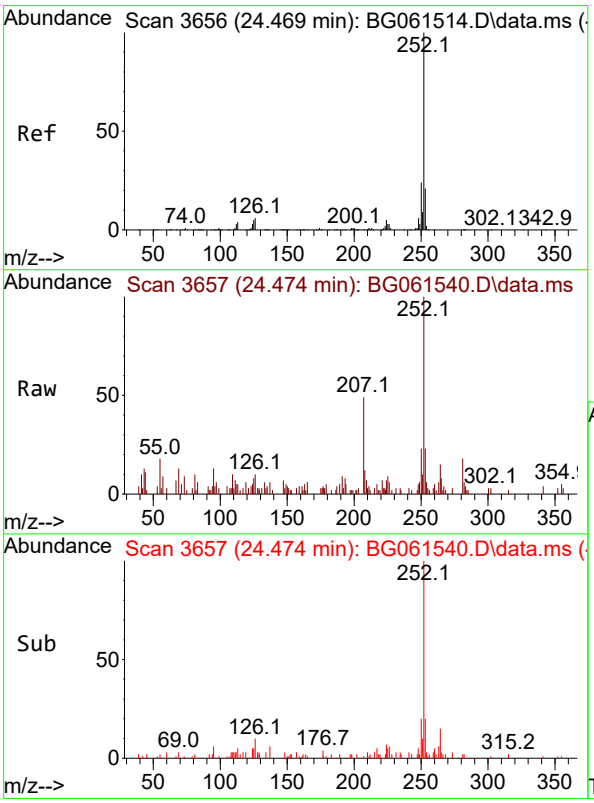
#91
Benzo(k)fluoranthene
Concen: 1.016 ng/ul
RT: 23.705 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Instrument :
BNA_G
ClientSampleId :
A4BG8

Tgt Ion:252 Resp: 13154

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	7.6	4.3	6.5#





#93
Benzo(a)pyrene
Concen: 1.534 ng/ul
RT: 24.474 min Scan# 3657
Delta R.T. 0.006 min
Lab File: BG061540.D
Acq: 7 Jun 2024 19:39

Tgt Ion:252 Resp: 18582

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.4	24.6
125	7.6	4.3	6.5#