Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061920.D
Acq On : 6 Jul 2024 8:00
Operator : MA/JU
Sample : P2982-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BB8

Quant Time: Jul 08 01:40:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	46530	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	243304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	179487	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	407374	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	350126	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	432507	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	3082	2.489	ng/uL	0.00
4) Pyridine-d5	3.898	84	42642	11.200	ng/ul	0.00
7) Phenol-d5	7.247	99	97080	19.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	56927	17.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.623	132	67864	19.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	78110	19.482	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	38770	20.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	45769	21.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	85765	21.042	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.037	131	97932	16.550	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	297830	20.183	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	327668	21.236	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	40538	17.203	ng/ul	0.00
60) Fluorene-d10	15.708	176	255344	20.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	37192	17.384	ng/ul	-0.01
73) Anthracene-d10	17.559	188	396198	20.831	ng/ul	0.00
81) Pyrene-d10	19.832	212	433224	21.036	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	464624	21.661	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.500	178	67350	3.135	ng/ul	98
74) Anthracene	17.500	178	67350	3.034	ng/ul	97
80) Fluoranthene	19.503	202	109084	4.476	ng/ul#	93
82) Pyrene	19.862	202	100227	3.981	ng/ul#	94
85) Benzo(a)anthracene	21.695	228	51267	2.022	ng/ul	95
87) Chrysene	21.760	228	45789	1.929	ng/ul	93
90) Benzo(b)fluoranthene	23.928	252	53111	1.949	ng/ul#	94
93) Benzo(a)pyrene	24.803	252	48722	1.888	ng/ul	99

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

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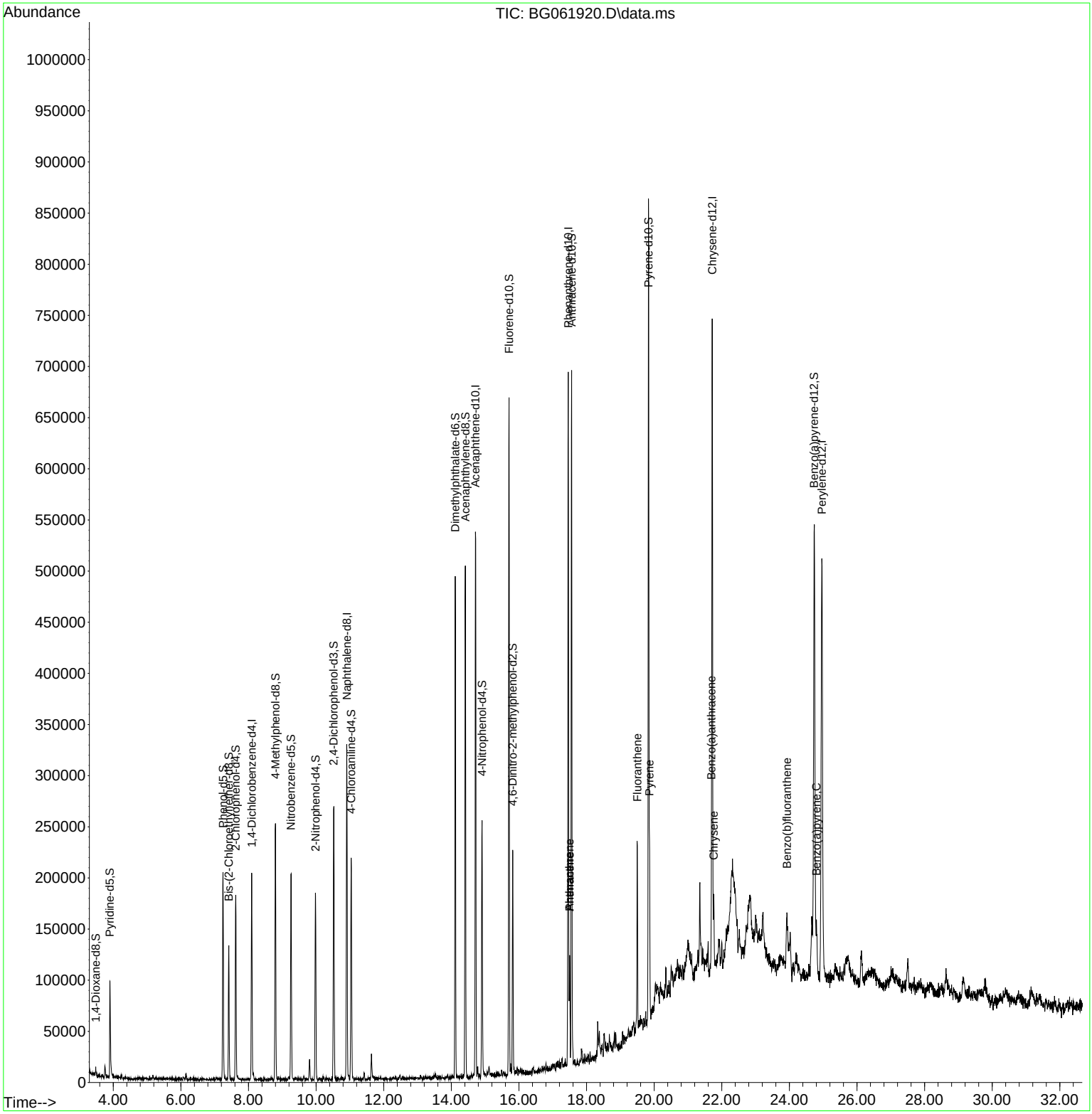
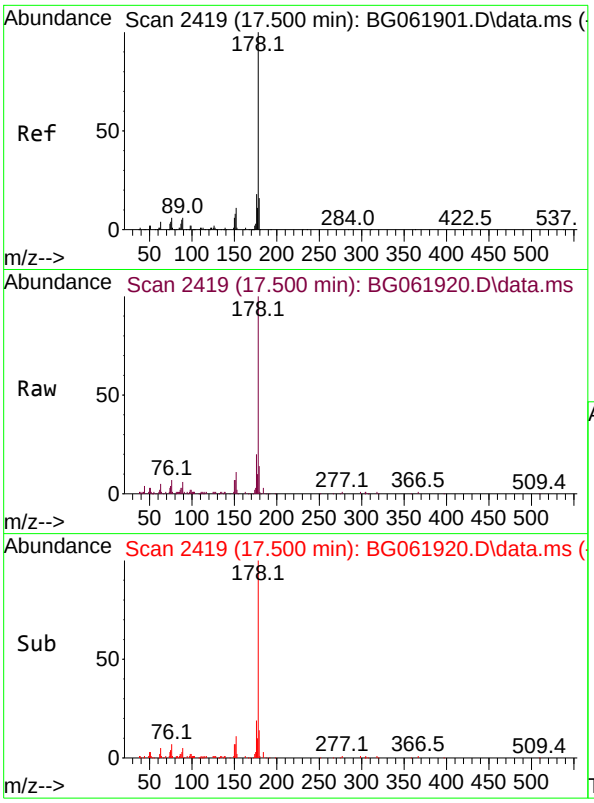


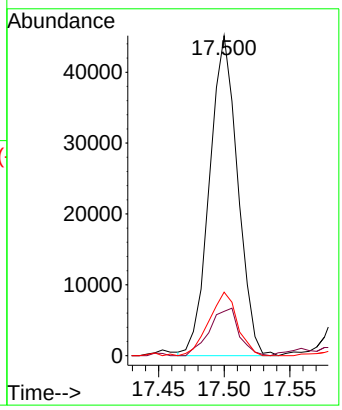


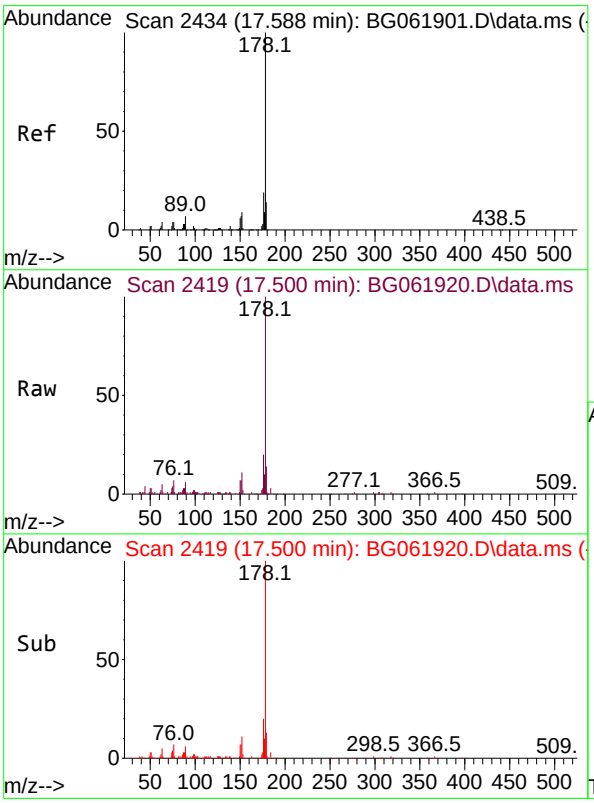
#72
Phenanthrene
Concen: 3.135 ng/ul
RT: 17.500 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Instrument :
BNA_G
ClientSampleId :
A4BB8

Tgt Ion:178 Resp: 67350

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.9	17.9
176	19.8	15.5	23.3

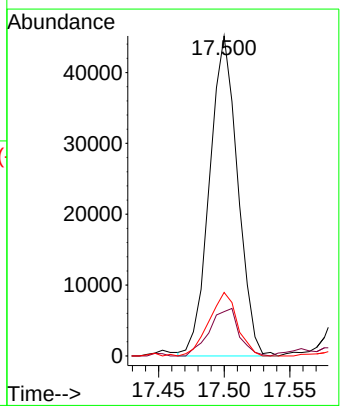


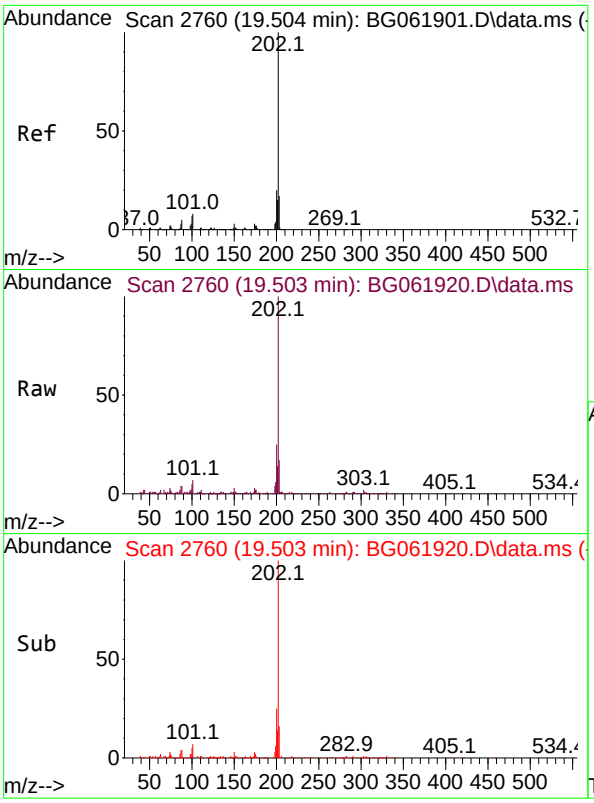


#74
Anthracene
Concen: 3.034 ng/ul
RT: 17.500 min Scan# 2419
Delta R.T. -0.095 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Tgt Ion:178 Resp: 67350

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.9	17.9
176	19.8	14.7	22.1



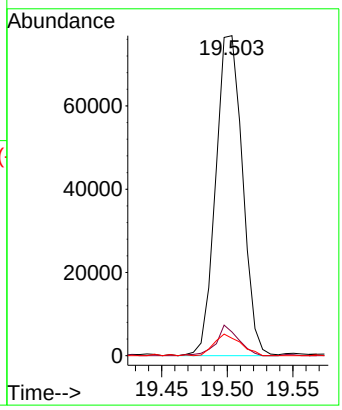


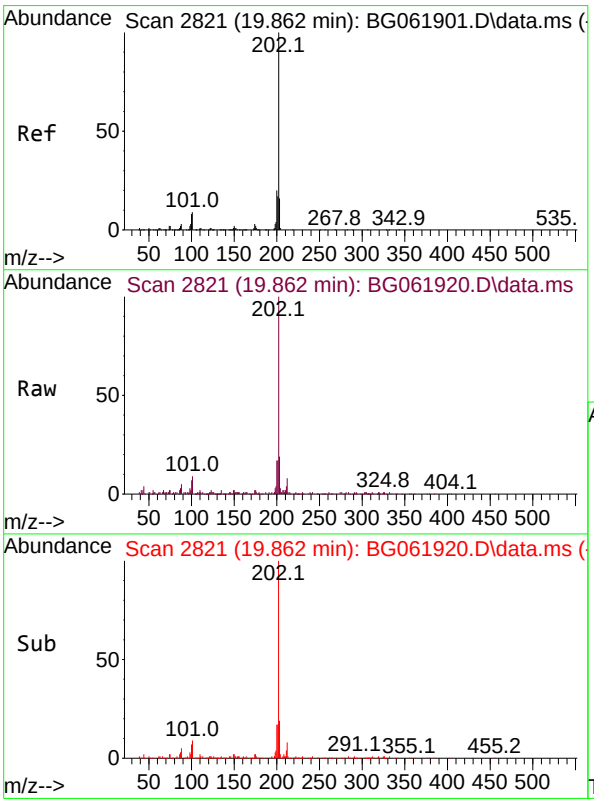
#80
Fluoranthene
Concen: 4.476 ng/ul
RT: 19.503 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Instrument :
BNA_G
ClientSampleId :
A4BB8

Tgt Ion:202 Resp: 109084

Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.4	11.2#
100	5.5	6.6	10.0#

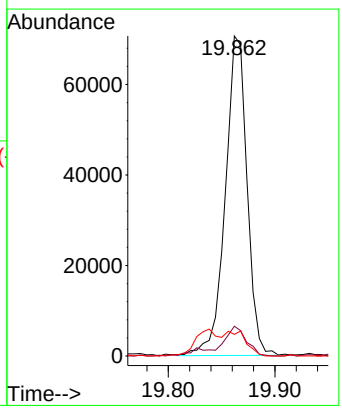


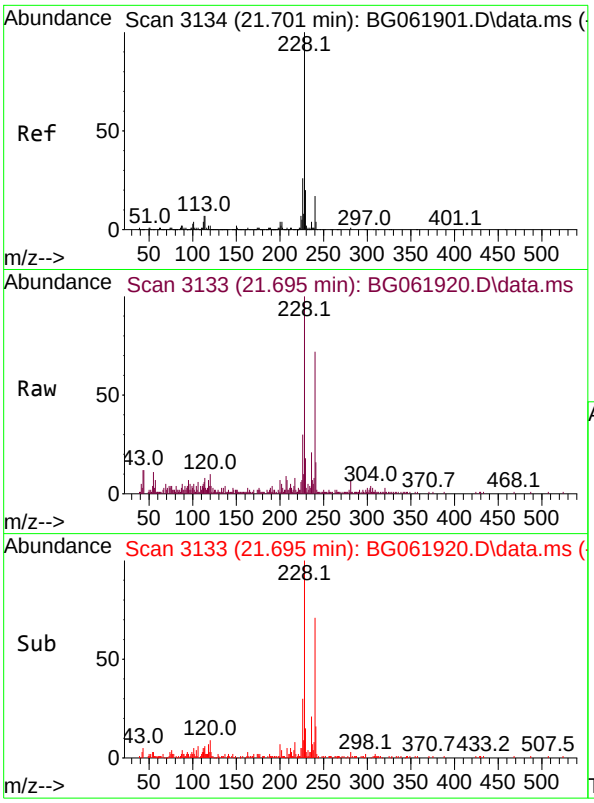


#82
Pyrene
Concen: 3.981 ng/ul
RT: 19.862 min Scan# 2821
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Tgt Ion:202 Resp: 100227

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.8	13.2
100	6.7	7.6	11.4#



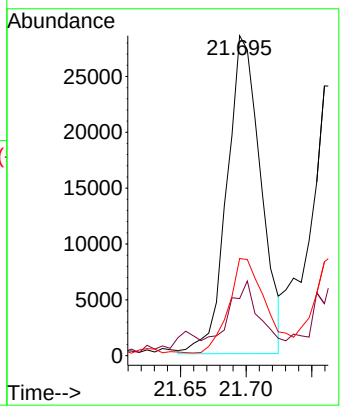


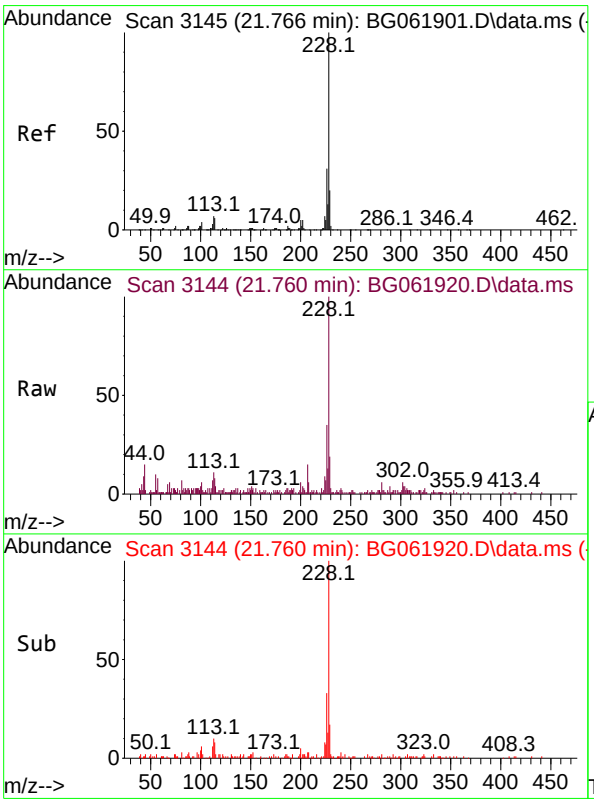
#85
Benzo(a)anthracene
Concen: 2.022 ng/ul
RT: 21.695 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Instrument :
BNA_G
ClientSampleId :
A4BB8

Tgt Ion:228 Resp: 51267

Ion	Ratio	Lower	Upper
228	100		
229	17.8	15.7	23.5
226	30.4	21.7	32.5

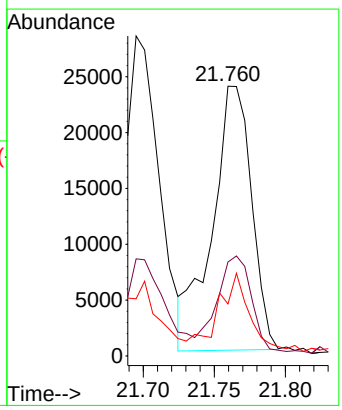


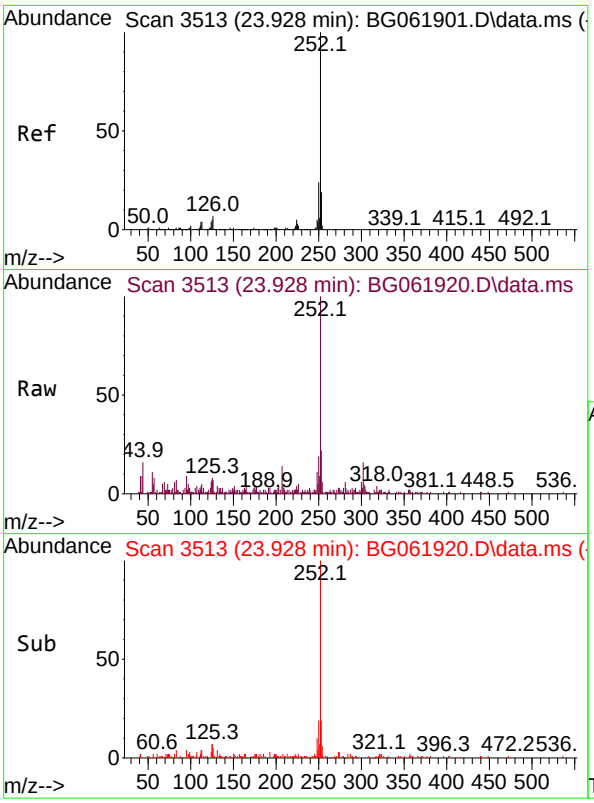


#87
Chrysene
Concen: 1.929 ng/ul
RT: 21.760 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Tgt Ion:228 Resp: 45789

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.3	34.9
229	19.3	15.5	23.3



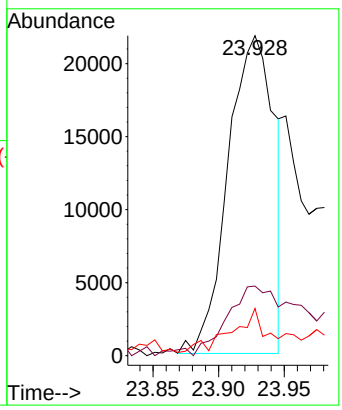


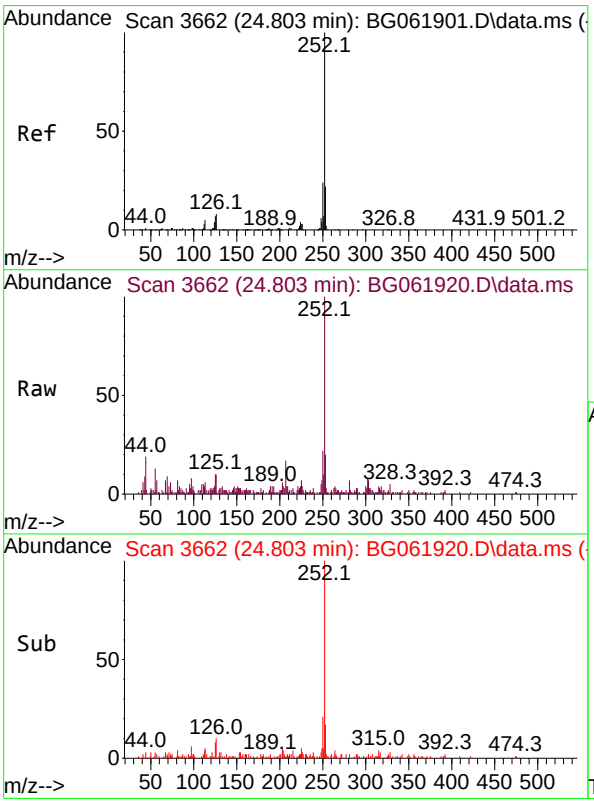
#90
Benzo(b)fluoranthene
Concen: 1.949 ng/ul
RT: 23.928 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Instrument :
BNA_G
ClientSampleId :
A4BB8

Tgt Ion:252 Resp: 53111

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	14.8	6.1	9.1#





#93
Benzo(a)pyrene
Concen: 1.888 ng/ul
RT: 24.803 min Scan# 3662
Delta R.T. -0.013 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

Tgt Ion:252 Resp: 48722

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.5	24.7
125	10.0	7.4	11.2