

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 01:54:10 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/u1	0.00
20) Naphthalene-d8	10.908	136	243304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	179487	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	407374	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	350126	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	432507	20.000	ng/u1	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/u1	0.00
7) Phenol-d5	7.247	99	97080	19.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	56927	17.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.623	132	67864	19.429	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	78110	19.482	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	38770	20.952	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	45769	21.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	85765	21.042	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.037	131	97932	16.550	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	297830	20.183	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	327668	21.236	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	40538	17.203	ng/u1	0.00
60) Fluorene-d10	15.708	176	255344	20.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	37192	17.384	ng/u1	-0.01
73) Anthracene-d10	17.559	188	396198	20.831	ng/u1	0.00
81) Pyrene-d10	19.832	212	433224	21.036	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	464624	21.661	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.500	178	67350	3.135	ng/u1	98
80) Fluoranthene	19.503	202	109084	4.476	ng/u1#	93
82) Pyrene	19.862	202	100227	3.981	ng/u1#	94
85) Benzo(a)anthracene	21.695	228	51267	2.022	ng/u1	95
87) Chrysene	21.760	228	45789	1.929	ng/u1	93
90) Benzo(b)fluoranthene	23.928	252	70783m	2.598	ng/u1	
93) Benzo(a)pyrene	24.803	252	48722	1.888	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.646	276	37374m	1.133	ng/u1	
96) Benzo(g,h,i)perylene	29.803	276	40304m	1.536	ng/u1	

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

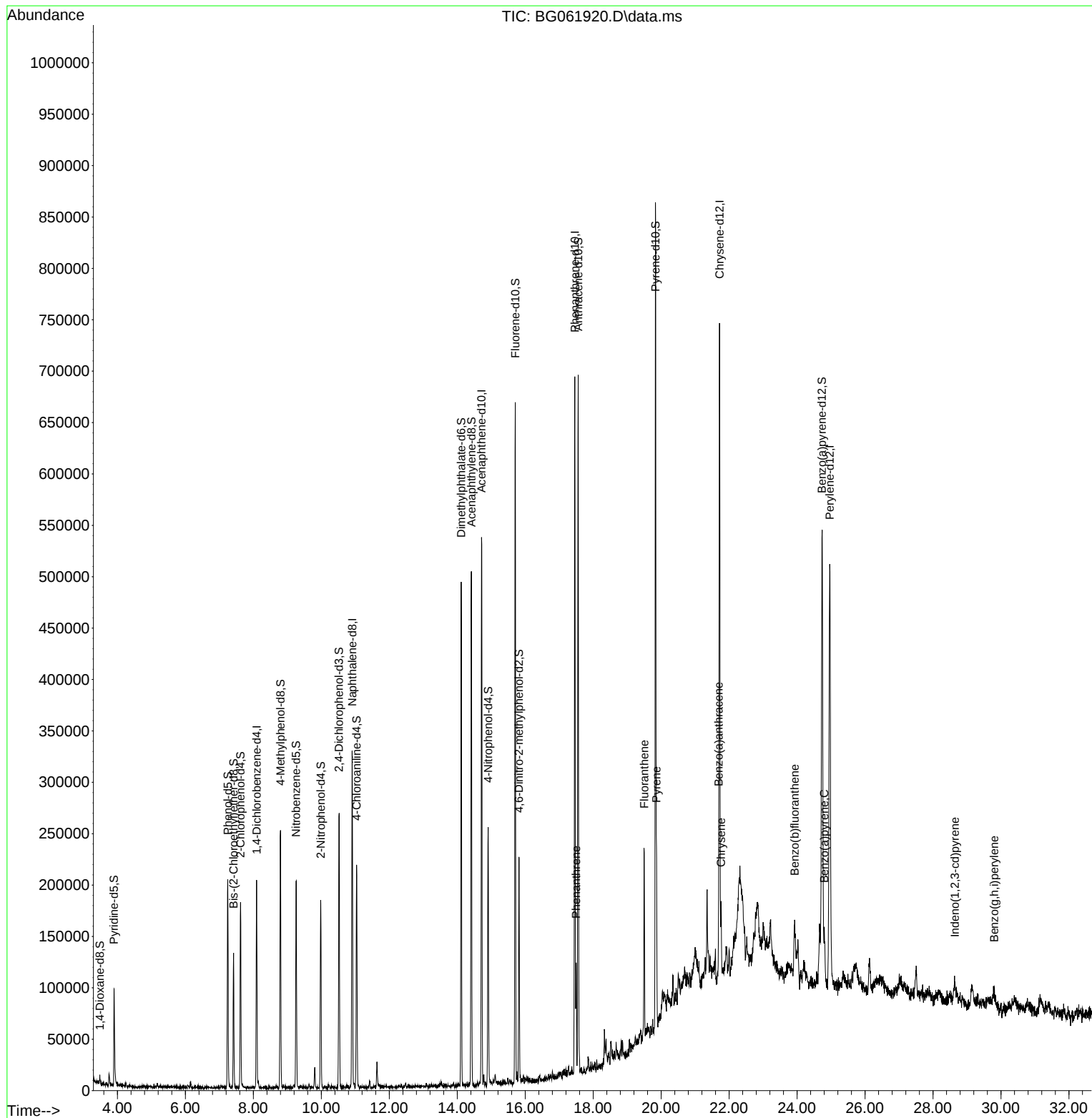
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061920.D
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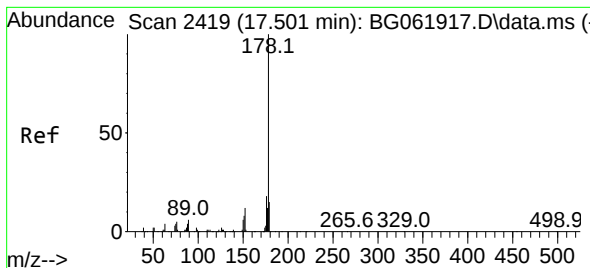
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.135 ng/ul

RT: 17.500 min Scan# 2419

Delta R.T. -0.007 min

Lab File: BG061920.D

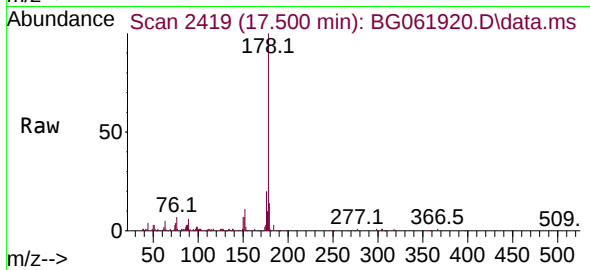
Acq: 6 Jul 2024 8:00

Instrument :

BNA_G

ClientSampleId :

A4BB8



Tgt Ion:178 Resp: 67350

Ion Ratio Lower Upper

178 100

179 13.8 11.9 17.9

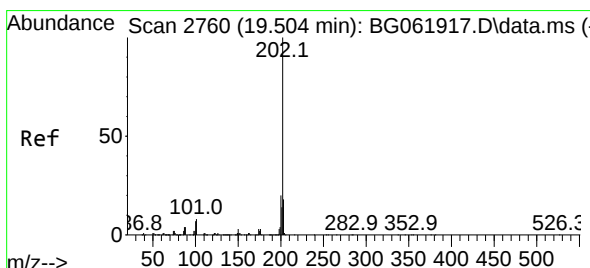
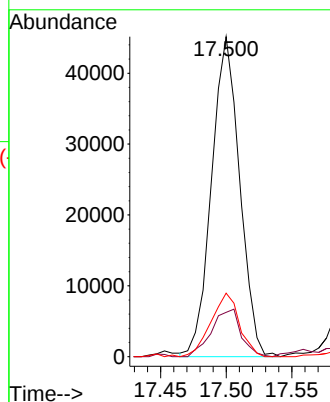
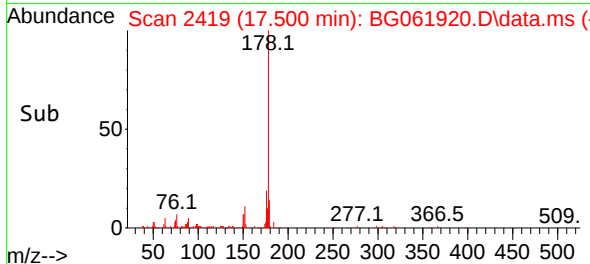
176 19.8 15.5 23.3

Manual Integrations

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#80

Fluoranthene

Concen: 4.476 ng/ul

RT: 19.503 min Scan# 2760

Delta R.T. -0.001 min

Lab File: BG061920.D

Acq: 6 Jul 2024 8:00

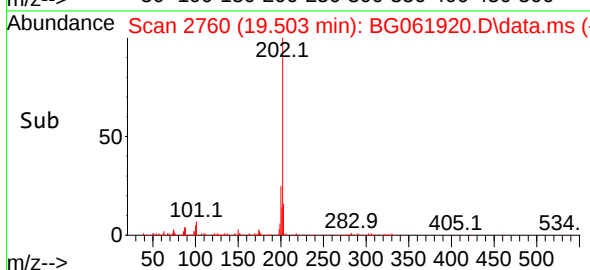
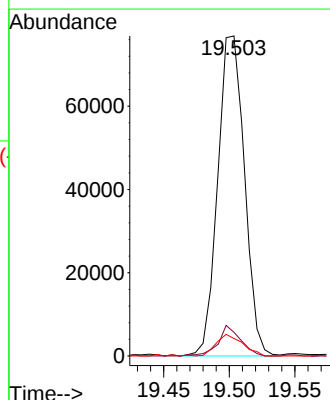
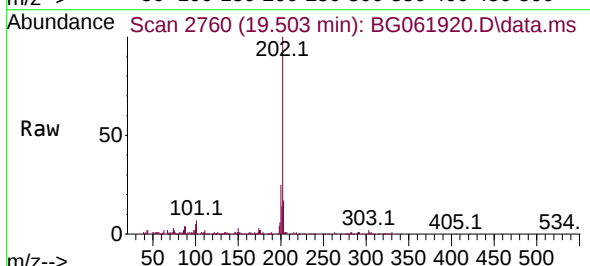
Tgt Ion:202 Resp: 109084

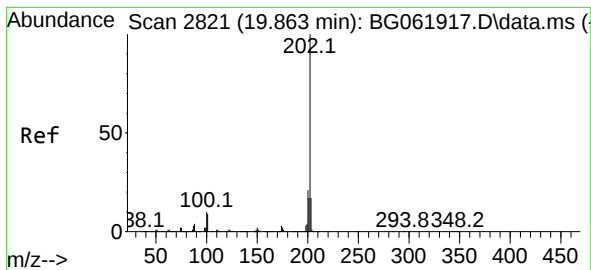
Ion Ratio Lower Upper

202 100

101 7.4 7.4 11.2#

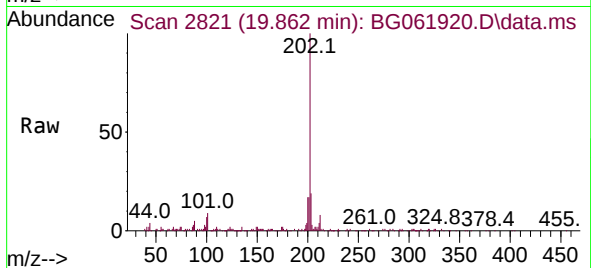
100 5.5 6.6 10.0#





#82
Pyrene
Concen: 3.981 ng/ul
RT: 19.862 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

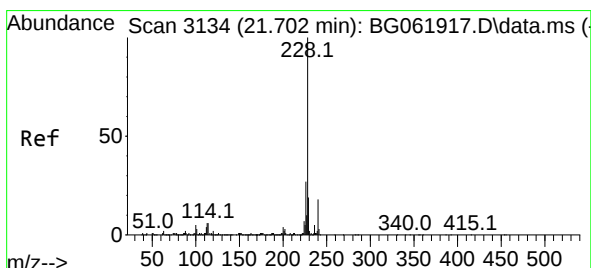
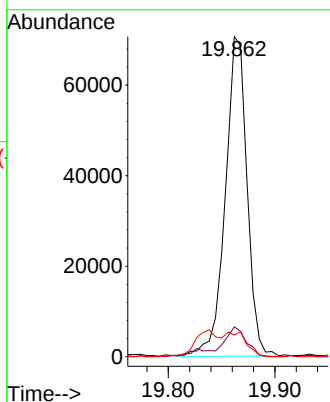
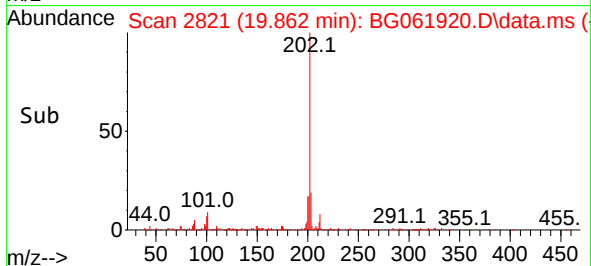
Instrument :
BNA_G
ClientSampleId :
A4BB8



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

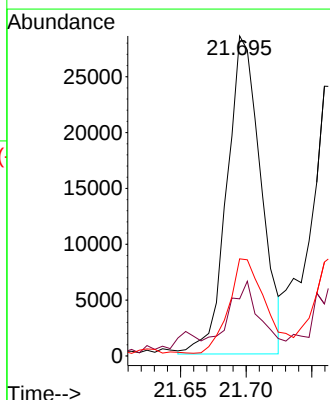
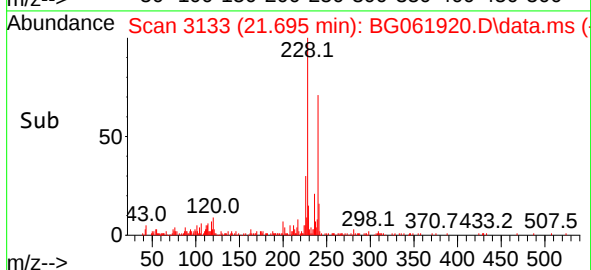
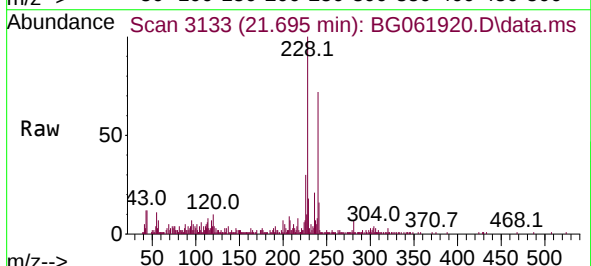
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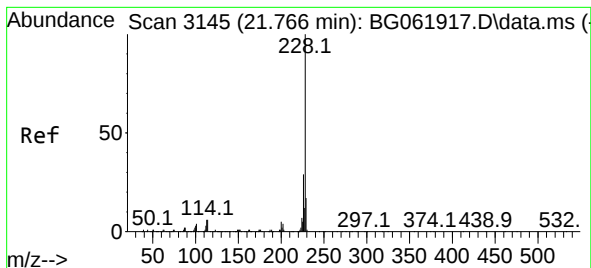
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#85
Benzo(a)anthracene
Concen: 2.022 ng/ul
RT: 21.695 min Scan# 3133
Delta R.T. -0.007 min
Lab File: BG061920.D
Acq: 6 Jul 2024 8:00

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# 3145

Delta R.T. -0.013 min

Lab File: BG061920.D

Acq: 6 Jul 2024 8:00

Instrument :

BNA_G

ClientSampleId :

A4BB8

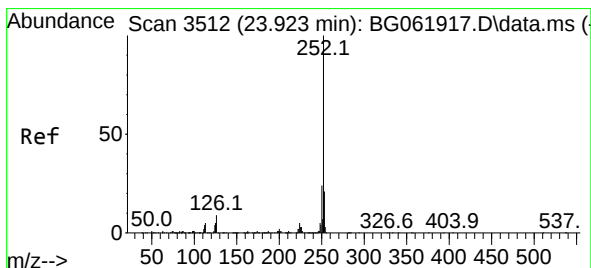
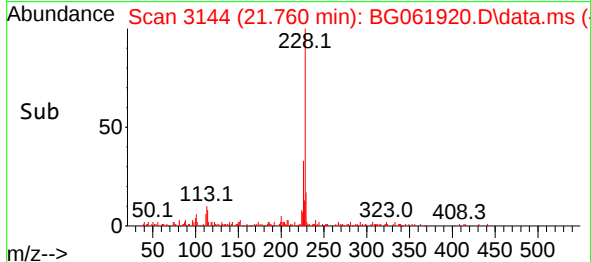
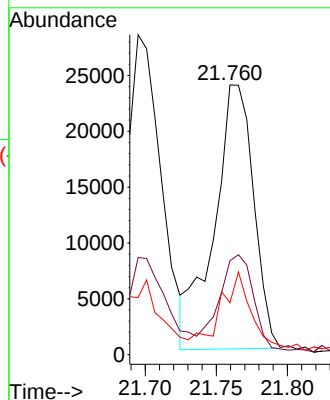
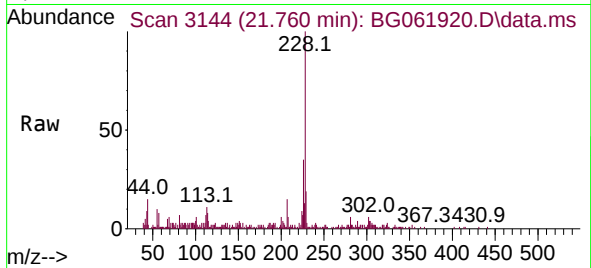
Tgt Ion:228	Resp: 45789
Ion Ratio	Lower Upper
228 100	
226 34.8	23.3 34.9
229 19.3	15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.598 ng/ul m

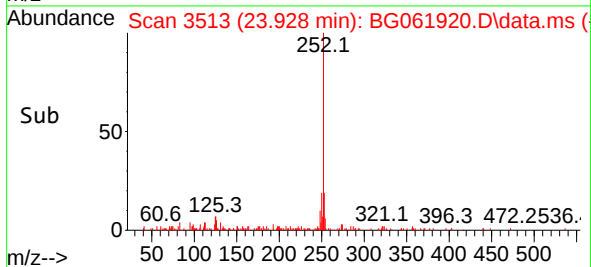
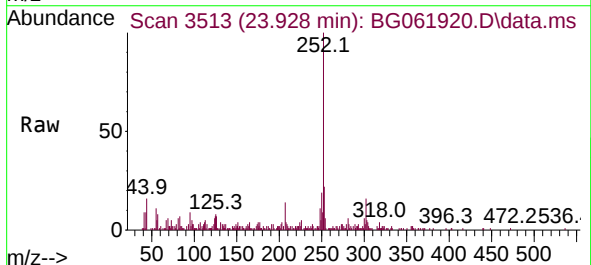
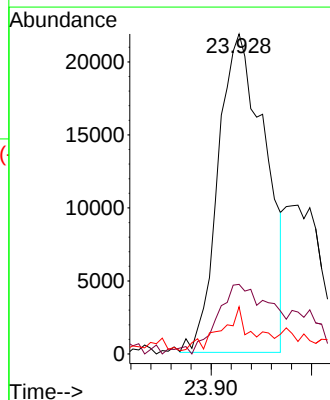
RT: 23.928 min Scan# 3513

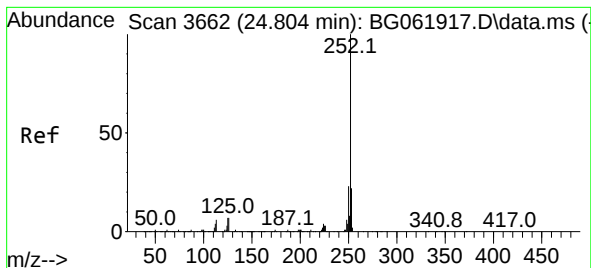
Delta R.T. -0.007 min

Lab File: BG061920.D

Acq: 6 Jul 2024 8:00

Tgt Ion:252	Resp: 70783
Ion Ratio	Lower Upper
252 100	
253 21.7	17.2 25.8
125 8.3	6.1 9.1





#93

Benzo(a)pyrene

Concen: 1.888 ng/ul

RT: 24.803 min Scan# 30

Delta R.T. -0.013 min

Lab File: BG061920.D

Acq: 6 Jul 2024 8:00

Instrument :

BNA_G

ClientSampleId :

A4BB8

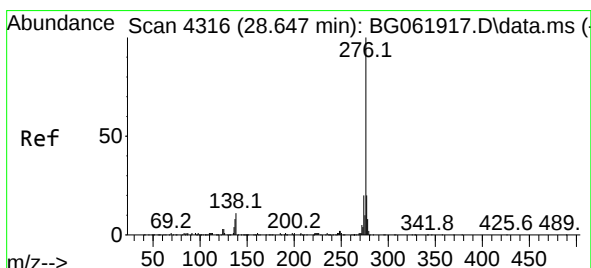
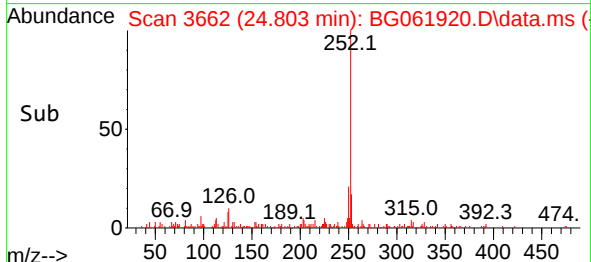
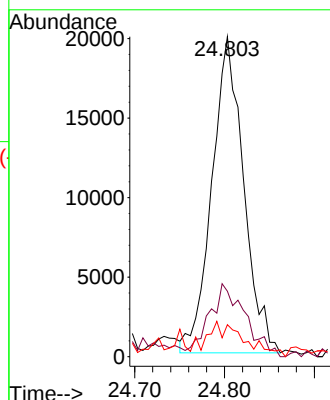
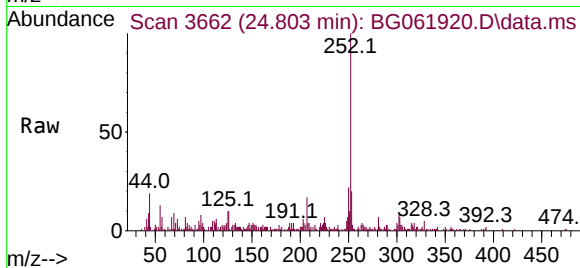
Tgt Ion:252	Resp:	4872
Ion Ratio	Lower	Upper
252	100	
253	20.4	16.5 24.7
125	10.0	7.4 11.2

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.133 ng/ul m

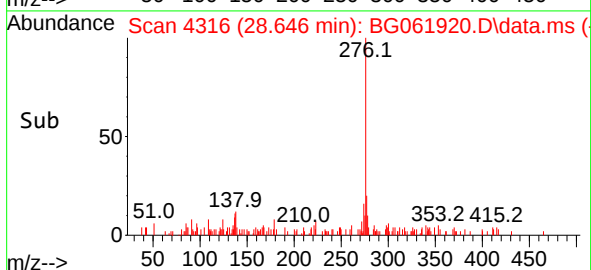
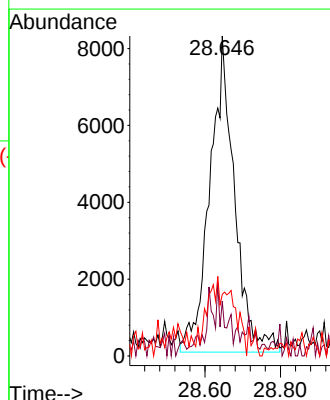
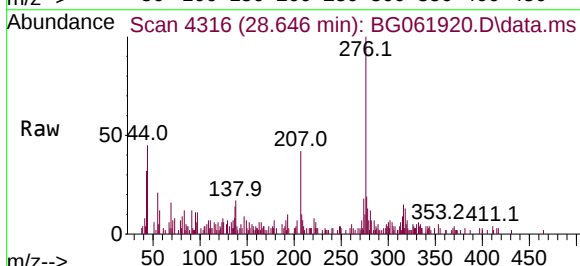
RT: 28.646 min Scan# 4316

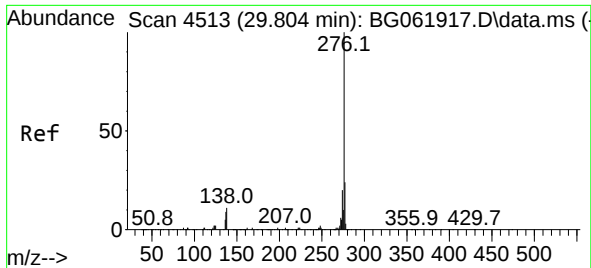
Delta R.T. -0.018 min

Lab File: BG061920.D

Acq: 6 Jul 2024 8:00

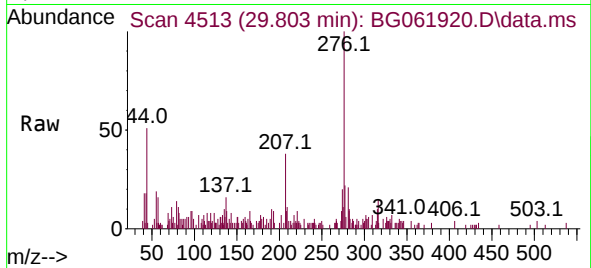
Tgt Ion:276	Resp:	37374
Ion Ratio	Lower	Upper
276	100	
138	17.1	11.9 17.9
277	19.3	19.3 28.9#





#96
 Benzo(g,h,i)perylene
 Concen: 1.536 ng/ul m
 RT: 29.803 min Scan# 4
 Delta R.T. -0.024 min
 Lab File: BG061920.D
 Acq: 6 Jul 2024 8:00

Instrument :
 BNA_G
 ClientSampleId :
 A4BB8



Tgt Ion:276 Resp: 40304
 Ion Ratio Lower Upper
 276 100
 138 9.1 11.1 16.7
 277 21.6 18.8 28.2

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