

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061912.D
 Acq On : 6 Jul 2024 1:55
 Operator : MA/JU
 Sample : P2982-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 06 03:00:30 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	8.096	152	29962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	143177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.718	164	106374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.456	188	258730	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.715	240	238419	20.000	ng/u1	0.00
88) Perylene-d12	24.959	264	283673	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	2425m	3.041	ng/uL	0.00
4) Pyridine-d5	3.907	84	43026	17.550	ng/u1	0.00
7) Phenol-d5	7.250	99	82650	25.206	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	46966	22.619	ng/u1	0.00
11) 2-Chlorophenol-d4	7.626	132	58975	26.221	ng/u1	0.00
15) 4-Methylphenol-d8	8.795	113	63531	24.608	ng/u1	0.00
21) Nitrobenzene-d5	9.259	128	31250	28.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.982	143	36700	29.513	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.517	165	71009	29.605	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.040	131	85677	24.604	ng/u1	0.00
46) Dimethylphthalate-d6	14.118	166	243691	27.865	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	271757	29.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	36381	26.050	ng/u1	0.00
60) Fluorene-d10	15.705	176	217932	29.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	34561	25.435	ng/u1	0.00
73) Anthracene-d10	17.556	188	338009m	27.982	ng/u1	0.00
81) Pyrene-d10	19.835	212	397788	28.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.735	264	416867	29.631	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.497	178	16035	1.175	ng/u1	97
80) Fluoranthene	19.500	202	54264	3.270	ng/u1#	96
82) Pyrene	19.865	202	66762	3.894	ng/u1	98
85) Benzo(a)anthracene	21.692	228	31684m	1.835	ng/u1	
87) Chrysene	21.762	228	32046	1.983	ng/u1	95
90) Benzo(b)fluoranthene	23.930	252	40073	2.242	ng/u1#	84
93) Benzo(a)pyrene	24.806	252	34112	2.016	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.631	276	22723m	1.051	ng/u1	
96) Benzo(g,h,i)perylene	29.788	276	20801m	1.209	ng/u1	

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

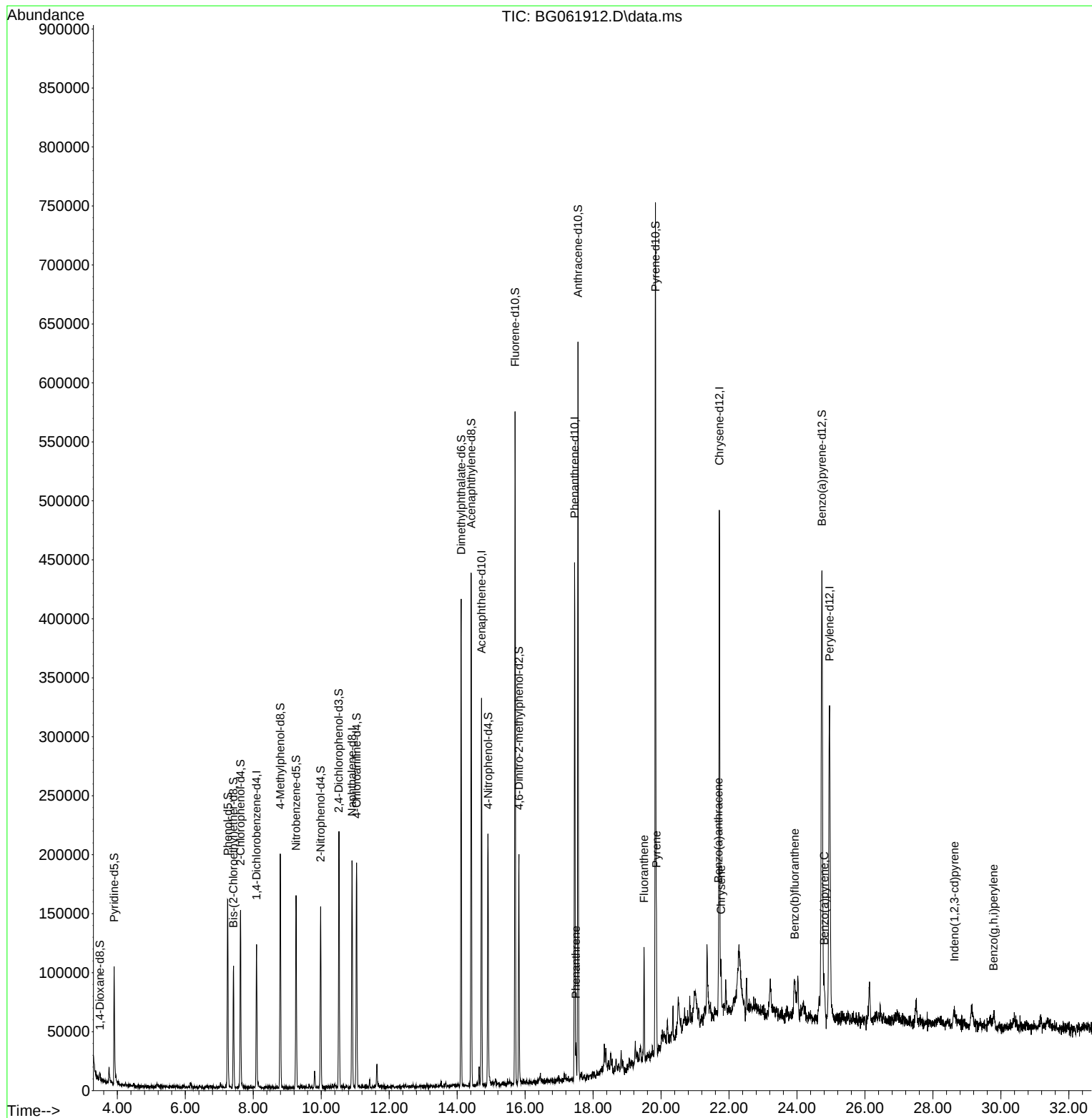
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

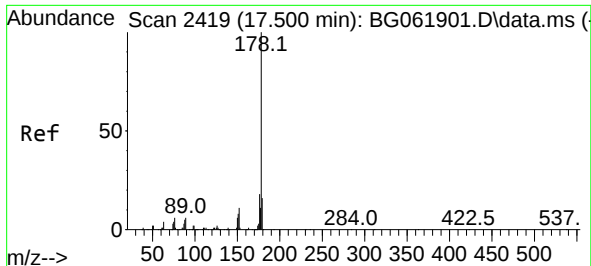
Instrument :
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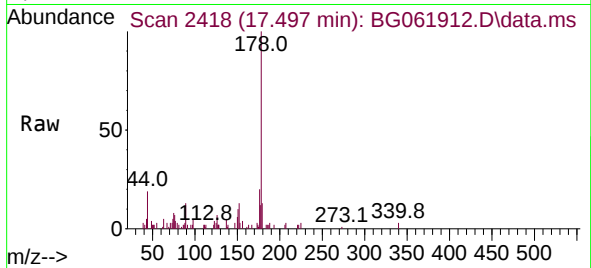
Quant Time: Jul 06 03:00:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.175 ng/ul
RT: 17.497 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG061912.D
Acq: 6 Jul 2024 1:55

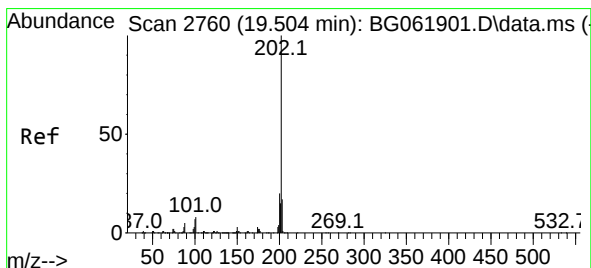
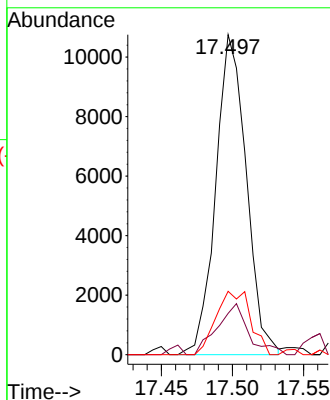
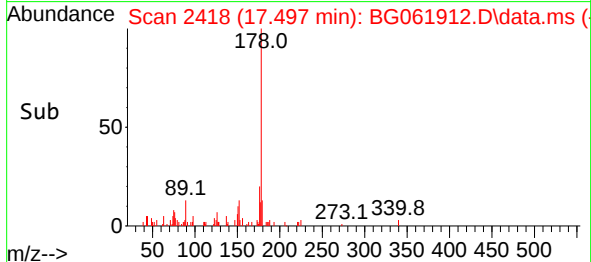
Instrument :
BNA_G
ClientSampleId :
A4CF5



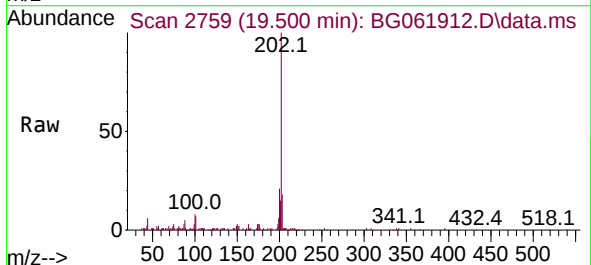
Tgt Ion:178 Resp: 16035
Ion Ratio Lower Upper
178 100
179 12.9 11.9 17.9
176 19.8 15.5 23.3

Manual Integrations
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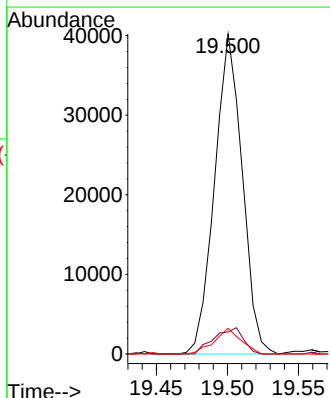
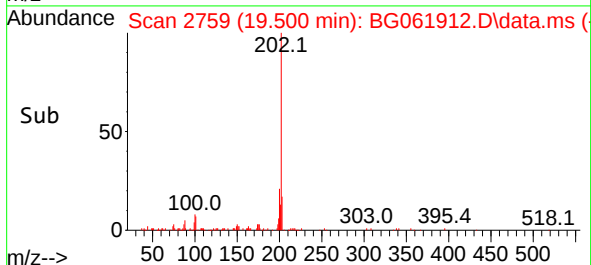
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

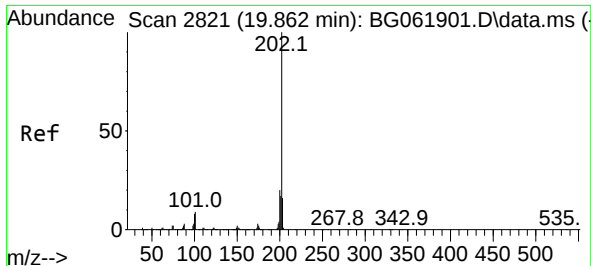


#80
Fluoranthene
Concen: 3.270 ng/ul
RT: 19.500 min Scan# 2759
Delta R.T. -0.004 min
Lab File: BG061912.D
Acq: 6 Jul 2024 1:55



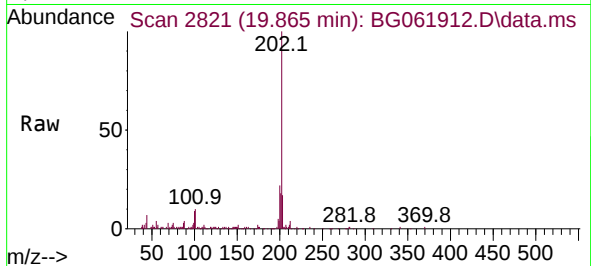
Tgt Ion:202 Resp: 54264
Ion Ratio Lower Upper
202 100
101 6.9 7.4 11.2#
100 8.0 6.6 10.0





#82
 Pyrene
 Concen: 3.894 ng/ul
 RT: 19.865 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG061912.D
 Acq: 6 Jul 2024 1:55

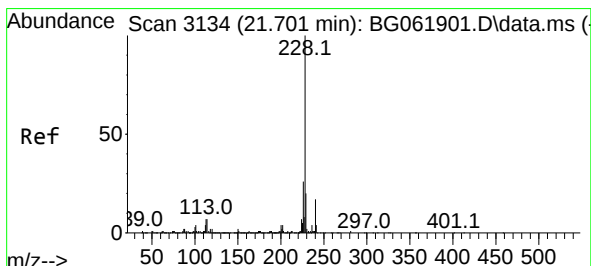
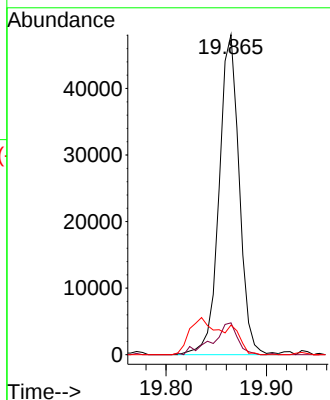
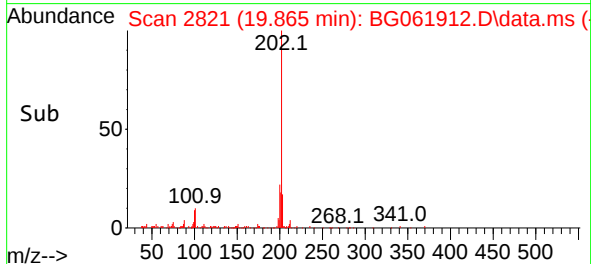
Instrument :
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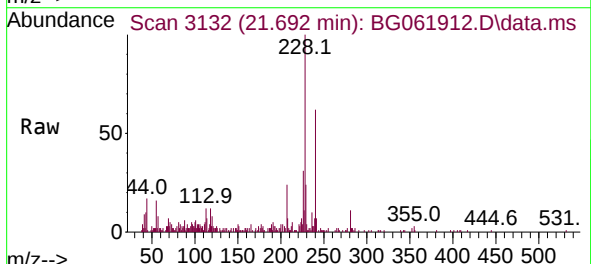
Tgt Ion:202 Resp: 66762
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.8 13.2
 100 9.2 7.6 11.4

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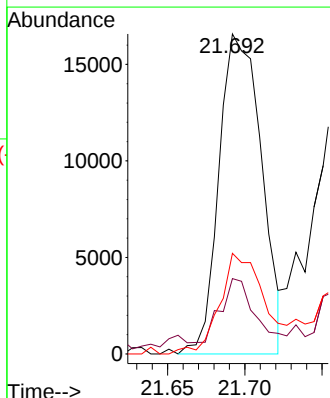
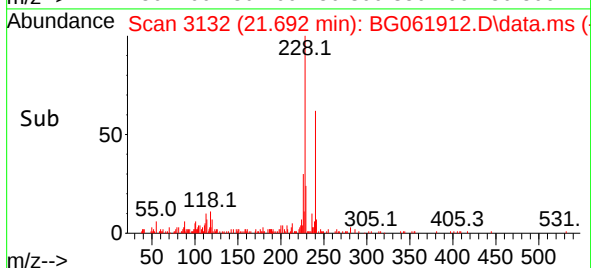
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

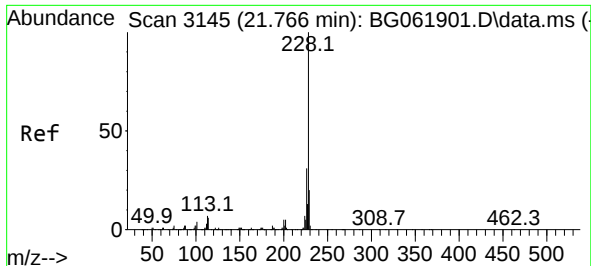


#85
 Benzo(a)anthracene
 Concen: 1.835 ng/ul m
 RT: 21.692 min Scan# 3132
 Delta R.T. -0.010 min
 Lab File: BG061912.D
 Acq: 6 Jul 2024 1:55



Tgt Ion:228 Resp: 31684
 Ion Ratio Lower Upper
 228 100
 229 23.5 15.7 23.5#
 226 31.5 21.7 32.5





#87

Chrysene

Concen: 1.983 ng/ul

RT: 21.762 min Scan# 3145

Delta R.T. -0.010 min

Lab File: BG061912.D

Acq: 6 Jul 2024 1:55

Instrument :

BNA_G

ClientSampleId :

A4CF5

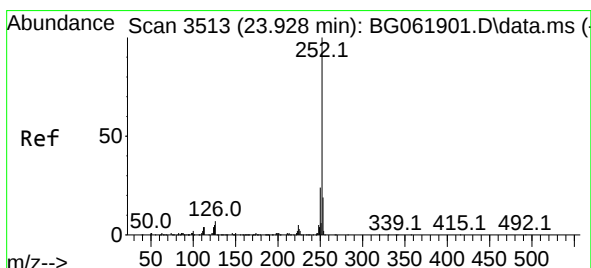
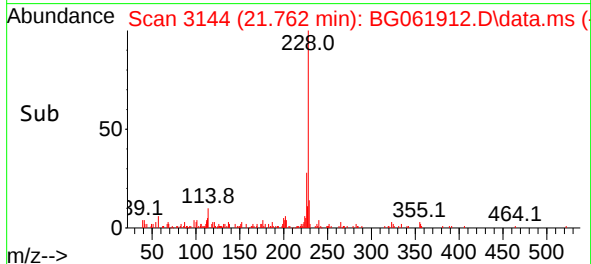
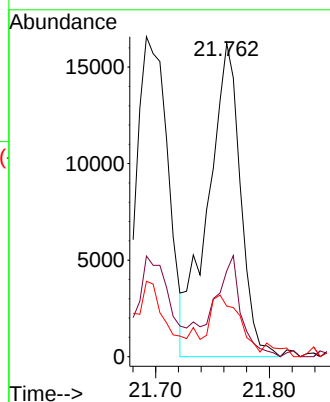
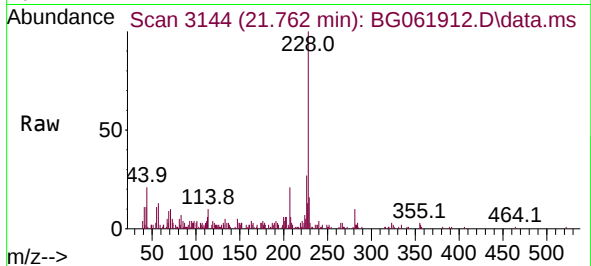
Tgt Ion:	228	Resp:	32040
Ion Ratio	Lower	Upper	
228	100		
226	27.4	23.3	34.9
229	16.2	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 2.242 ng/ul

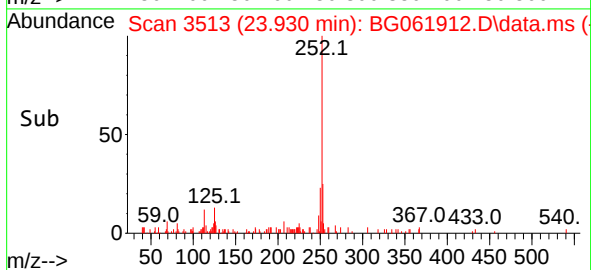
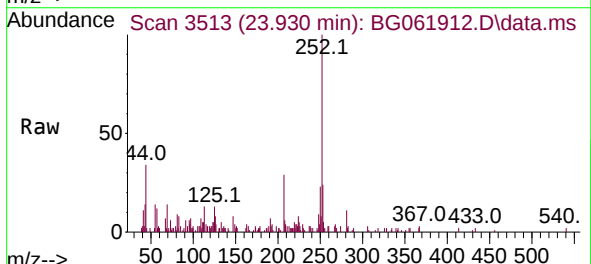
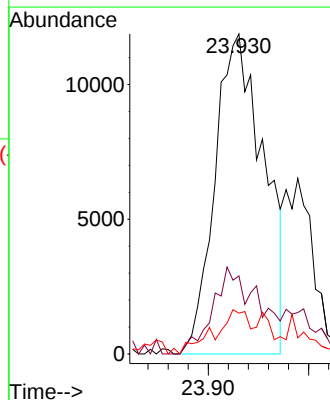
RT: 23.930 min Scan# 3513

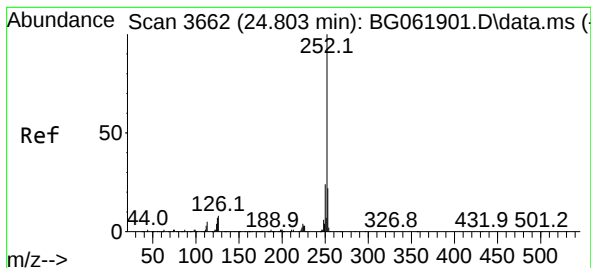
Delta R.T. -0.004 min

Lab File: BG061912.D

Acq: 6 Jul 2024 1:55

Tgt Ion:	252	Resp:	40073
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.2	25.8#
125	12.7	6.1	9.1#





#93

Benzo(a)pyrene

Concen: 2.016 ng/ul

RT: 24.806 min Scan# 30

Delta R.T. -0.010 min

Lab File: BG061912.D

Acq: 6 Jul 2024 1:55

Instrument :

BNA_G

ClientSampleId :

A4CF5

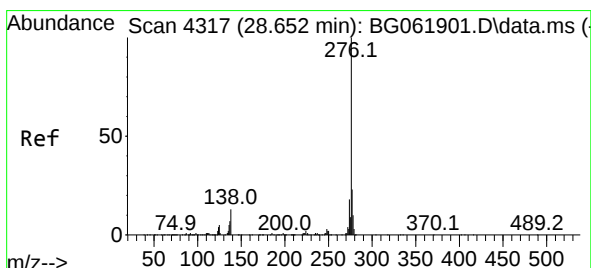
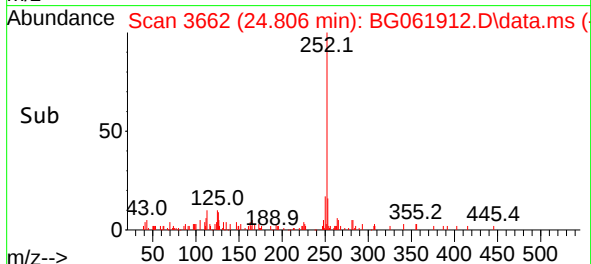
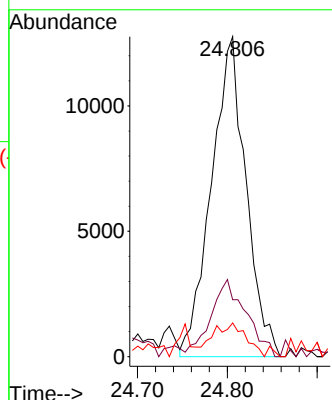
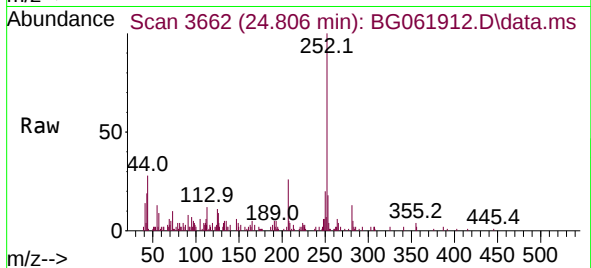
Tgt Ion:	252	Resp:	3411
Ion Ratio	Lower	Upper	
252	100		
253	17.8	16.5	24.7
125	10.6	7.4	11.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.051 ng/ul m

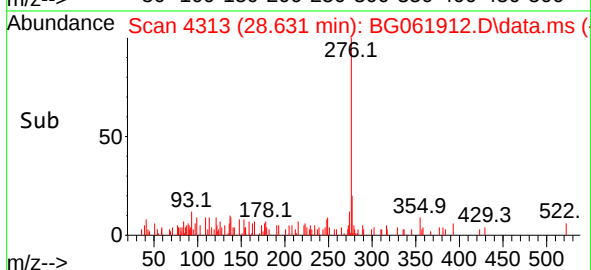
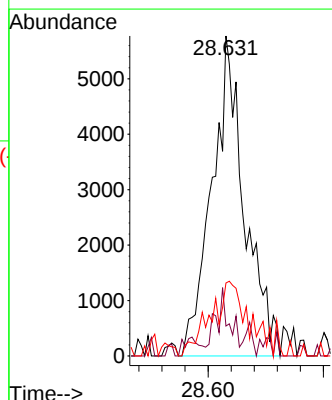
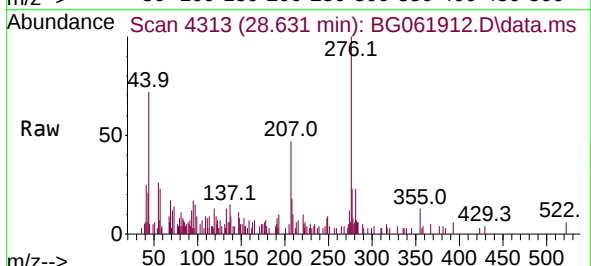
RT: 28.631 min Scan# 4313

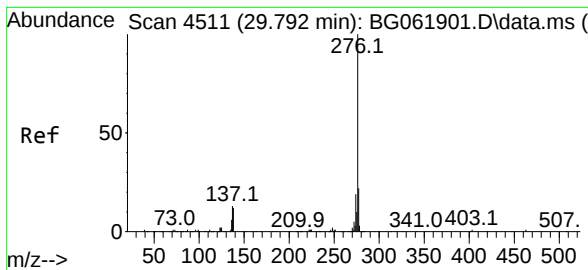
Delta R.T. -0.033 min

Lab File: BG061912.D

Acq: 6 Jul 2024 1:55

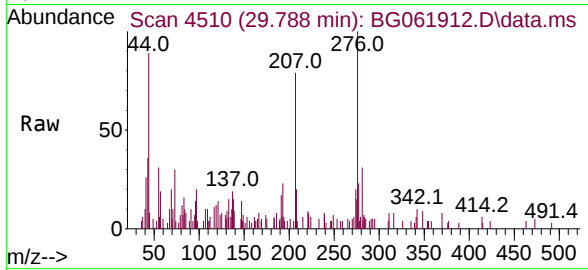
Tgt Ion:	276	Resp:	22723
Ion Ratio	Lower	Upper	
276	100		
138	9.4	11.9	17.9#
277	22.8	19.3	28.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.209 ng/ul m
 RT: 29.788 min Scan# 4511
 Delta R.T. -0.039 min
 Lab File: BG061912.D
 Acq: 6 Jul 2024 1:55

Instrument :
 BNA_G
 ClientSampleId :
 A4CF5



Tgt Ion:	276	Resp:	2080
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.1	16.7
277	22.8	18.8	28.2

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