

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061846.D
 Acq On : 2 Jul 2024 14:23
 Operator : MA/JU
 Sample : P2963-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CR8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 01:43:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	70540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.873	136	312842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	197897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.436	188	413568	20.000	ng/u1	0.00
79) Chrysene-d12	21.695	240	317101	20.000	ng/u1	0.00
88) Perylene-d12	24.927	264	378040	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	7521	3.852	ng/uL	0.01
4) Pyridine-d5	3.893	84	7751m	1.313	ng/u1	0.02
7) Phenol-d5	7.218	99	181991	23.765	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.383	67	122206	25.600	ng/u1	0.00
11) 2-Chlorophenol-d4	7.594	132	138121	26.284	ng/u1	0.01
15) 4-Methylphenol-d8	8.764	113	132142	22.321	ng/u1	0.01
21) Nitrobenzene-d5	9.228	128	71893	33.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.950	143	81508	37.886	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	147686	28.991	ng/u1	0.01
31) 4-Chloroaniline-d4	11.008	131	10183	1.320	ng/u1	0.01
46) Dimethylphthalate-d6	14.093	166	451842	29.670	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	518005	31.038	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	33677	12.876	ng/u1	0.02
60) Fluorene-d10	15.679	176	409825	30.740	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	23021	13.018	ng/u1	0.00
73) Anthracene-d10	17.536	188	573252	30.366	ng/u1	0.00
81) Pyrene-d10	19.815	212	524062	29.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.698	264	366178	20.281	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.477	178	111258	5.114	ng/u1	98
80) Fluoranthene	19.480	202	220858	10.746	ng/u1	97
82) Pyrene	19.845	202	178531	8.170	ng/u1#	96
85) Benzo(a)anthracene	21.678	228	111027	4.988	ng/u1	94
87) Chrysene	21.742	228	133929	6.359	ng/u1	99
90) Benzo(b)fluoranthene	23.893	252	187753	8.262	ng/u1	97
91) Benzo(k)fluoranthene	23.963	252	67683m	2.896	ng/u1	
93) Benzo(a)pyrene	24.768	252	67708	3.095	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.605	276	75966m	2.786	ng/u1	
95) Dibenzo(a,h)anthracene	28.634	278	31250m	1.378	ng/u1	

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

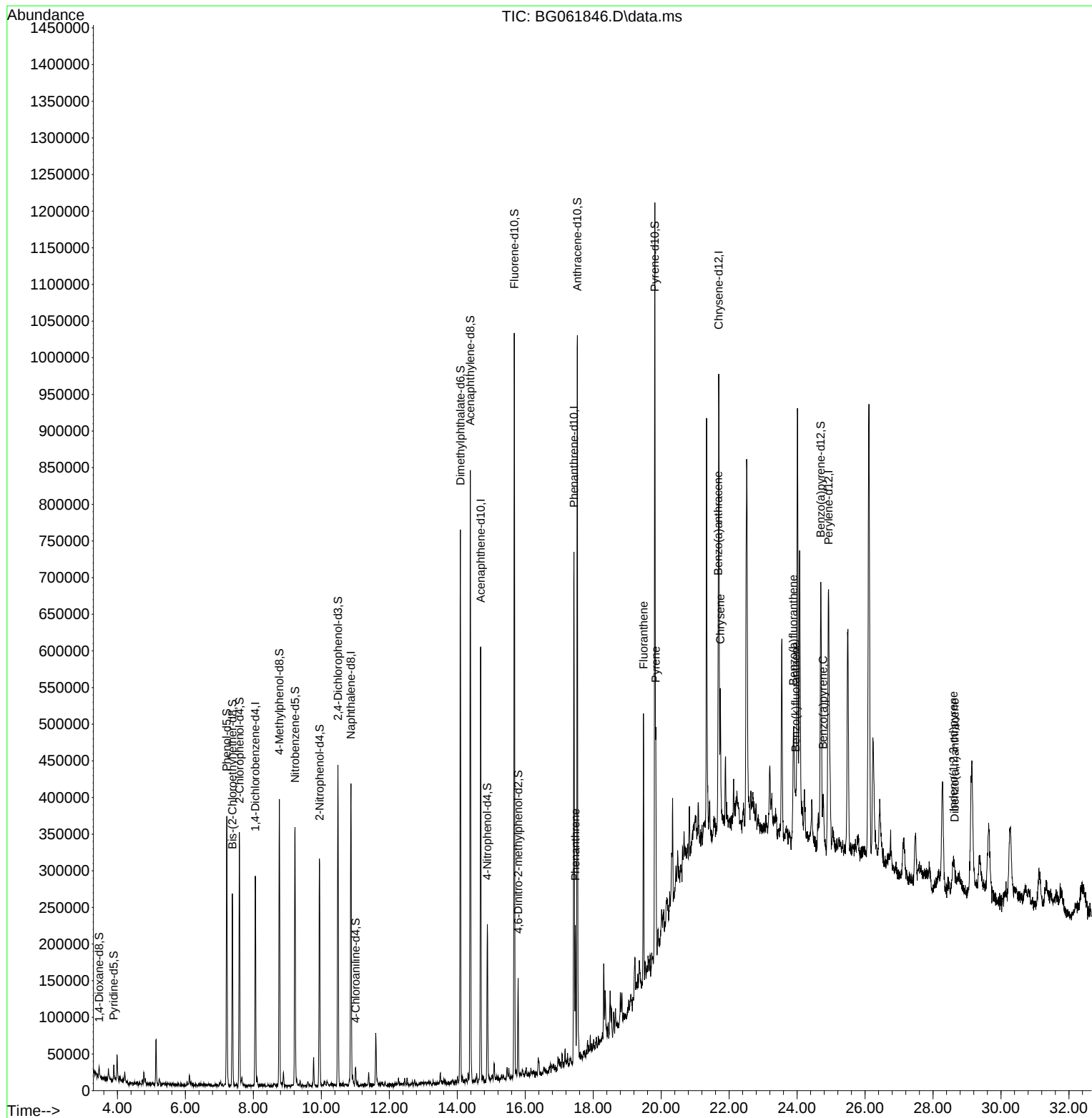
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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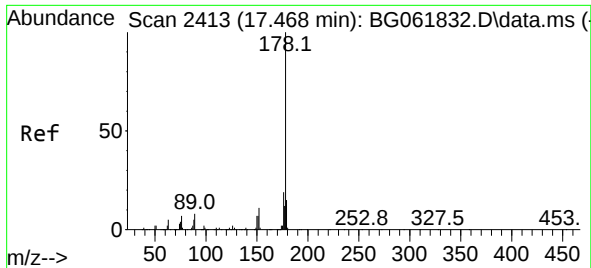
Instrument :
BNA_G
ClientSampleId :
A4CR8

Quant Time: Jul 03 01:43:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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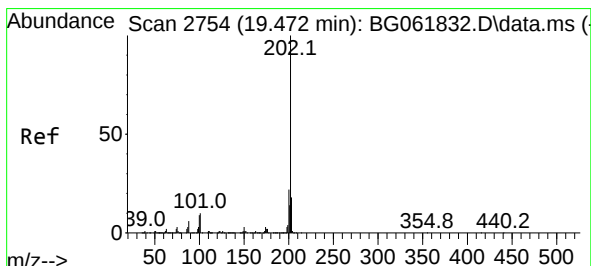
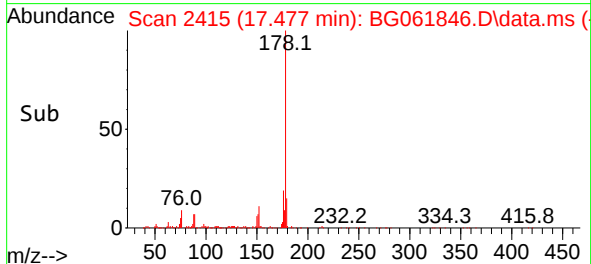
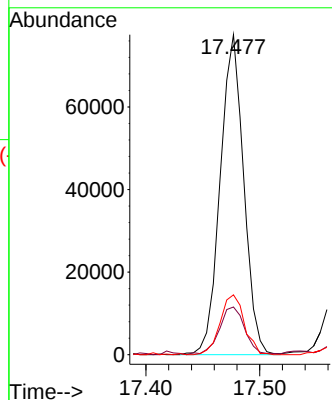
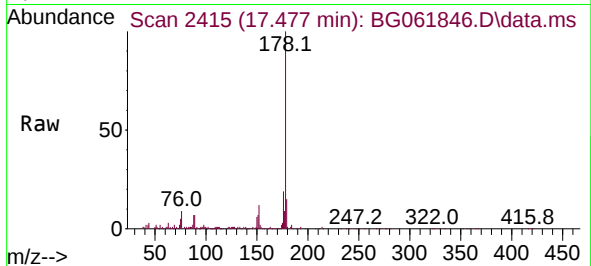
#72
Phenanthrene
Concen: 5.114 ng/ul
RT: 17.477 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BG061846.D
Acq: 2 Jul 2024 14:23

Instrument :
BNA_G
ClientSampleId :
A4CR8

Tgt Ion:178 Resp: 111258
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 18.7 16.2 24.2

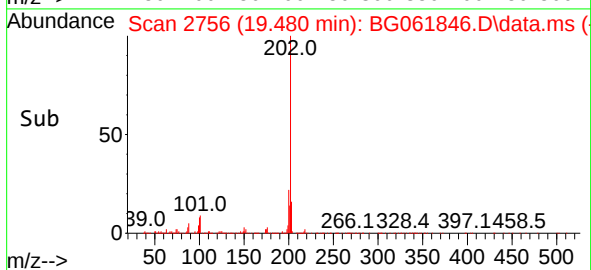
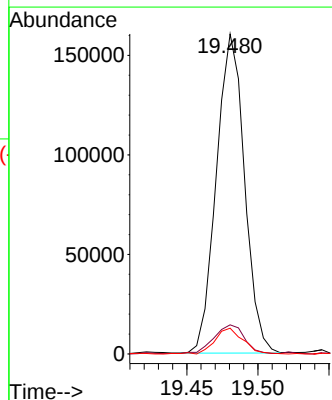
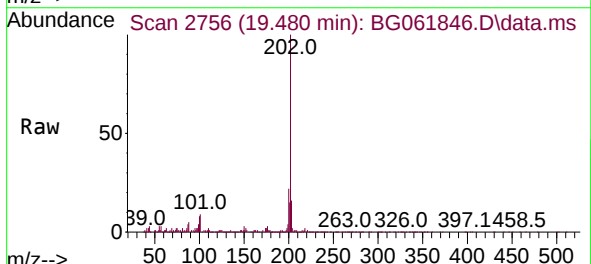
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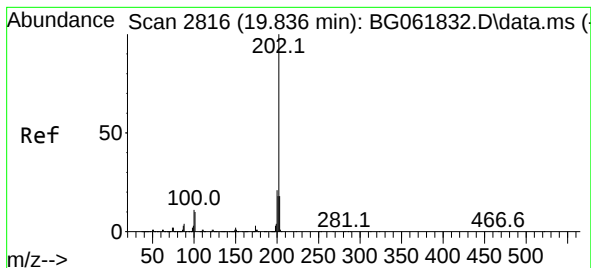
Reviewed By :Jagrut Upadhyay 07/02/2024
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#80
Fluoranthene
Concen: 10.746 ng/ul
RT: 19.480 min Scan# 2756
Delta R.T. 0.005 min
Lab File: BG061846.D
Acq: 2 Jul 2024 14:23

Tgt Ion:202 Resp: 220858
Ion Ratio Lower Upper
202 100
101 9.1 7.8 11.6
100 8.0 7.7 11.5





#82

Pyrene

Concen: 8.170 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Instrument :

BNA_G

ClientSampleId :

A4CR8

Tgt Ion:202 Resp: 17853

Ion Ratio Lower Upper

202 100

101 12.8 10.1 15.1

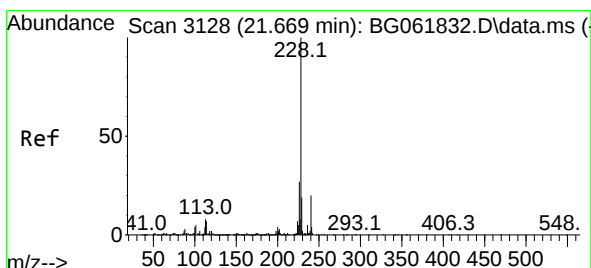
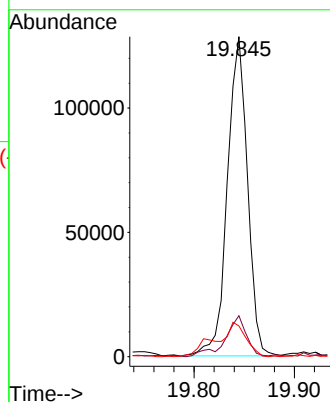
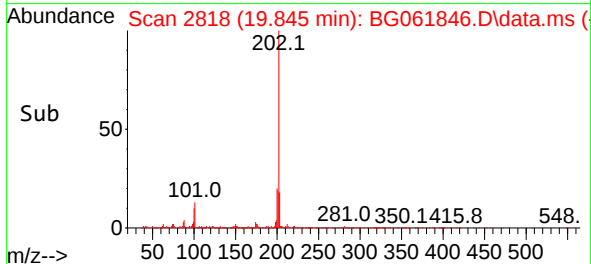
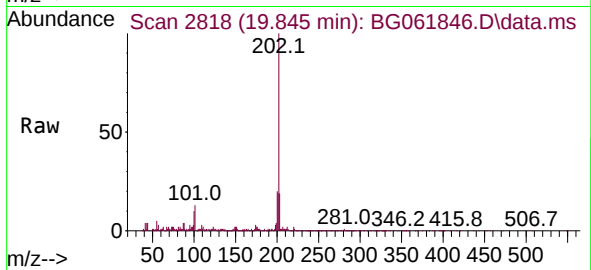
100 9.6 9.9 14.9

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#85

Benzo(a)anthracene

Concen: 4.988 ng/ul

RT: 21.678 min Scan# 3130

Delta R.T. 0.005 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

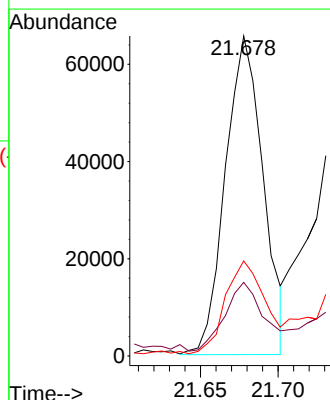
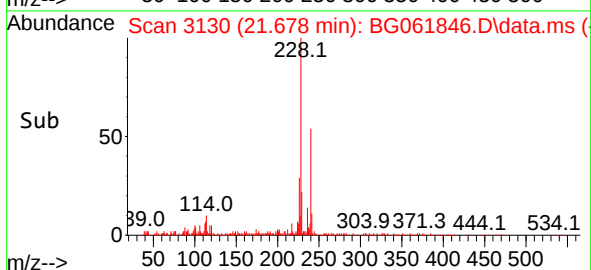
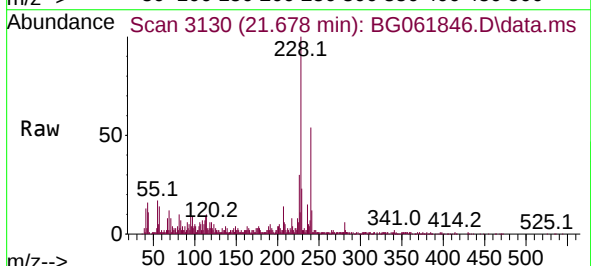
Tgt Ion:228 Resp: 111027

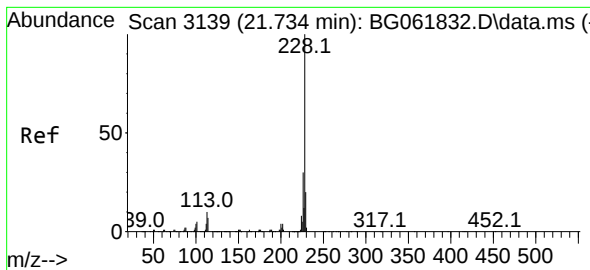
Ion Ratio Lower Upper

228 100

229 23.0 15.8 23.8

226 29.7 21.4 32.2





#87

Chrysene

Concen: 6.359 ng/u1

RT: 21.742 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Instrument :

BNA_G

ClientSampleId :

A4CR8

Tgt Ion:228 Resp: 133929

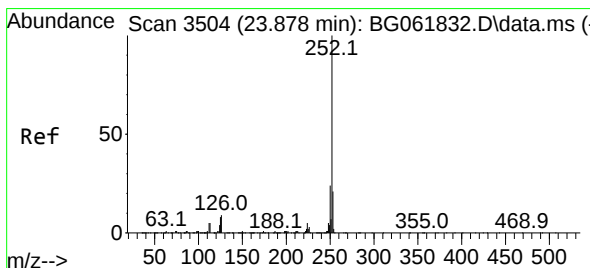
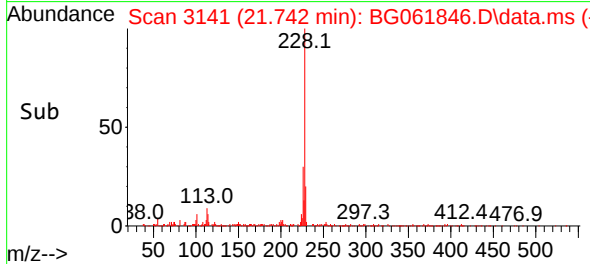
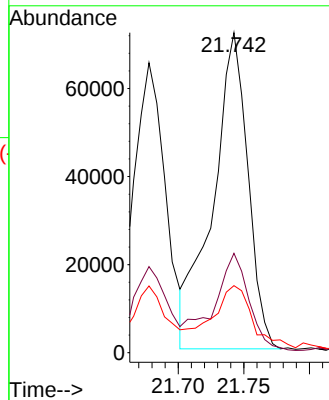
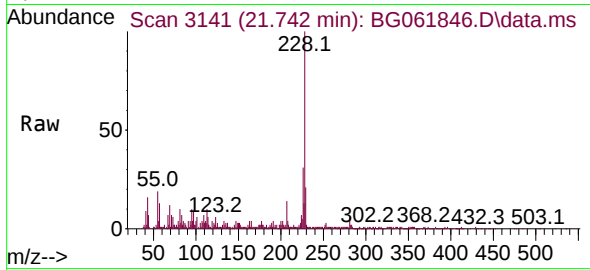
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	21.0	16.5	24.7

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#90

Benzo(b)fluoranthene

Concen: 8.262 ng/u1

RT: 23.893 min Scan# 3507

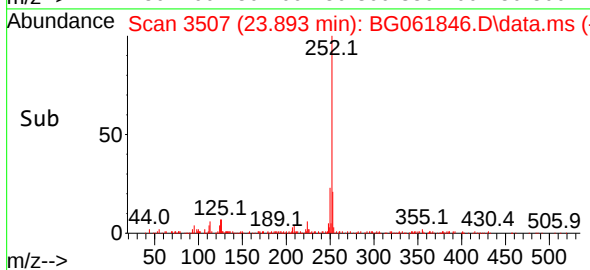
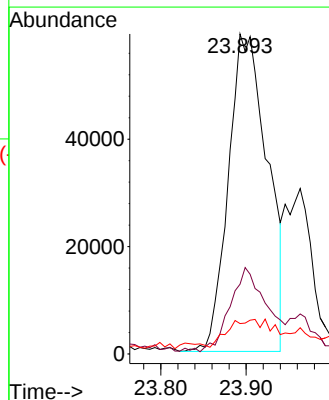
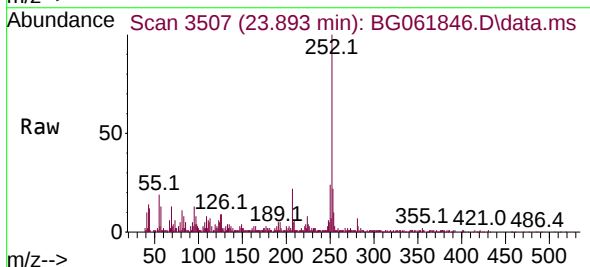
Delta R.T. 0.005 min

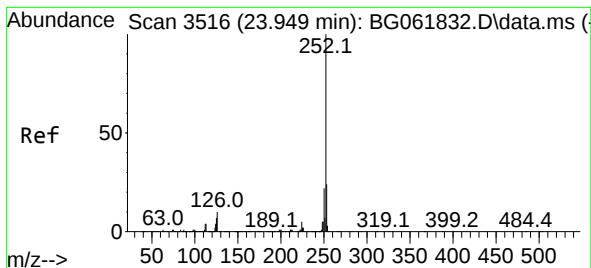
Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Tgt Ion:252 Resp: 187753

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	9.5	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 2.896 ng/ul m

RT: 23.963 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Instrument :

BNA_G

ClientSampleId :

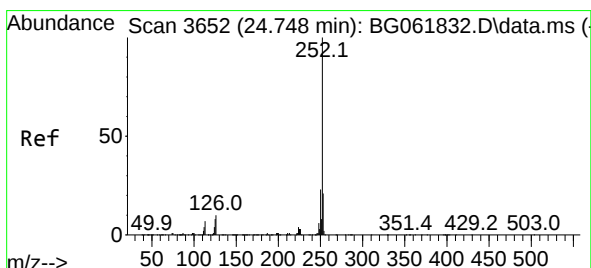
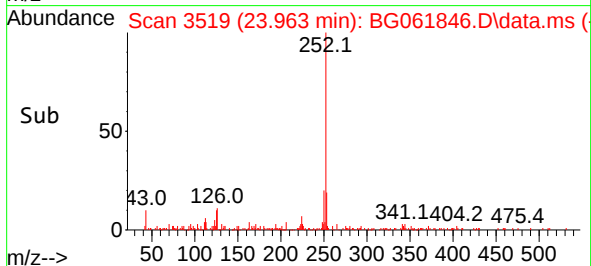
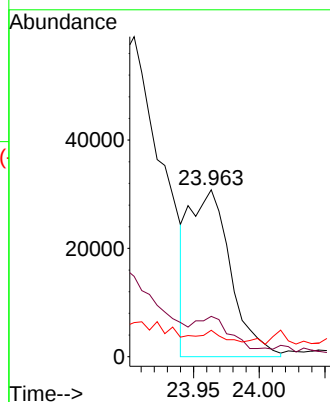
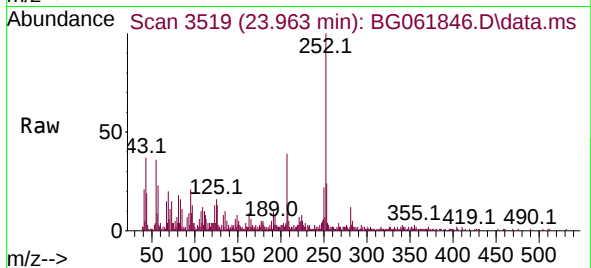
A4CR8

Tgt Ion:	252	Resp:	6768
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	15.9	6.2	9.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.095 ng/ul

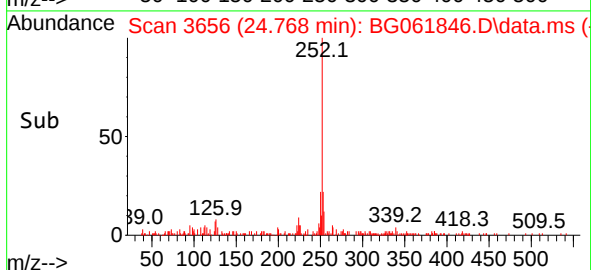
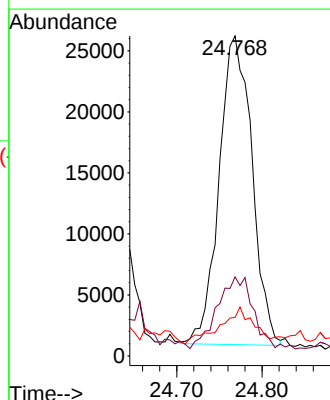
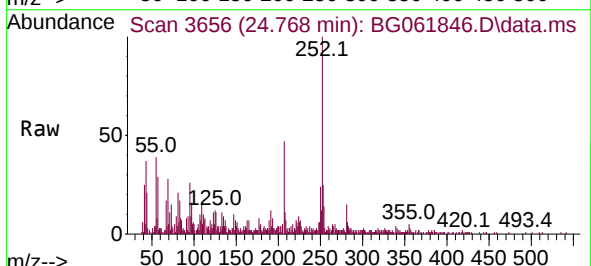
RT: 24.768 min Scan# 3656

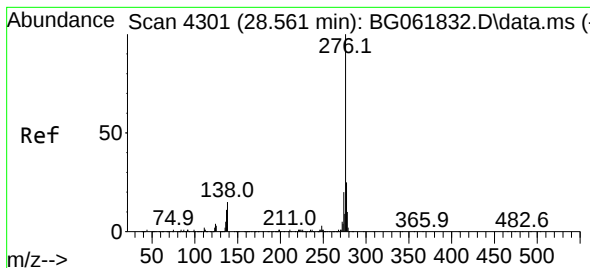
Delta R.T. 0.005 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Tgt Ion:	252	Resp:	67708
Ion Ratio	Lower	Upper	
252	100		
253	24.7	16.8	25.2
125	12.1	6.5	9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.786 ng/ul m

RT: 28.605 min Scan# 4309

Delta R.T. 0.040 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Instrument :

BNA_G

ClientSampleId :

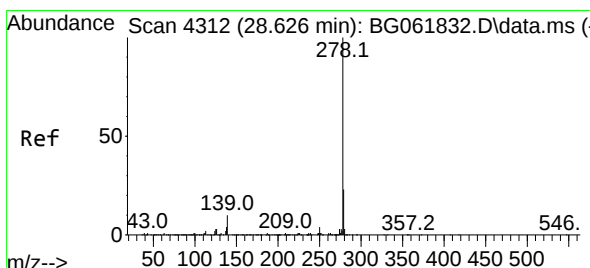
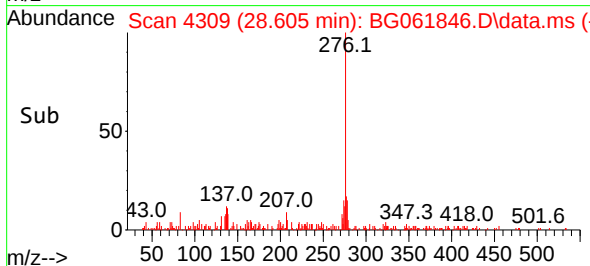
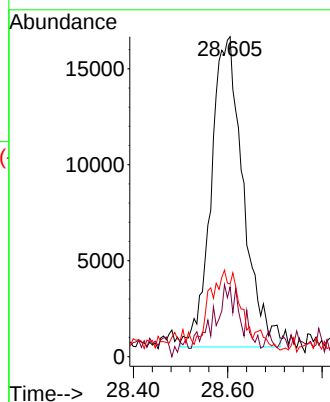
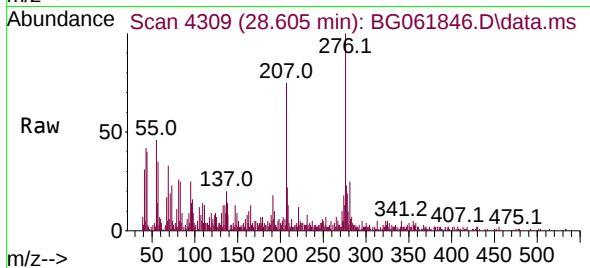
A4CR8

Tgt Ion:	276	Resp:	7596
Ion Ratio	Lower	Upper	
276	100		
138	13.8	12.2	18.4
277	22.7	19.7	29.5

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.378 ng/ul m

RT: 28.634 min Scan# 4314

Delta R.T. -0.001 min

Lab File: BG061846.D

Acq: 2 Jul 2024 14:23

Tgt Ion:	278	Resp:	31250
Ion Ratio	Lower	Upper	
278	100		
139	28.9	9.1	13.7#
279	27.1	18.6	28.0

