

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061662.D
 Acq On : 22 Jun 2024 23:58
 Operator : MA/JU
 Sample : P2776-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:59:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	71348	20.000	ng/u1	0.00
20) Naphthalene-d8	10.890	136	350942	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.703	164	239711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.447	188	523914	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	455504	20.000	ng/u1	0.00
88) Perylene-d12	24.938	264	549229	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	9597	4.859	ng/uL	0.01
4) Pyridine-d5	3.898	84	7137	1.195	ng/u1	0.01
7) Phenol-d5	7.218	99	190283	24.567	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	113897	23.589	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	134703	25.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	147657	24.660	ng/u1	0.00
21) Nitrobenzene-d5	9.245	128	68972	28.945	ng/u1	0.01
24) 2-Nitrophenol-d4	9.962	143	76873	31.853	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	151665	26.540	ng/u1	0.01
31) 4-Chloroaniline-d4	11.019	131	156032	18.034	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	473931	25.692	ng/u1	0.00
49) Acenaphthylene-d8	14.397	160	554153	27.412	ng/u1	0.00
54) 4-Nitrophenol-d4	14.873	143	72048	22.742	ng/u1	0.00
60) Fluorene-d10	15.690	176	435085	26.942	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	48800	21.783	ng/u1	0.00
73) Anthracene-d10	17.541	188	643204	26.896	ng/u1	0.00
81) Pyrene-d10	19.821	212	619635	24.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.715	264	478884	18.256	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.488	178	147001	5.333	ng/u1	98
74) Anthracene	17.576	178	28661	1.017	ng/u1	99
80) Fluoranthene	19.492	202	292020	9.892	ng/u1	99
82) Pyrene	19.850	202	210217	6.697	ng/u1	99
85) Benzo(a)anthracene	21.689	228	136658	4.274	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.613	149	44538	2.651	ng/u1#	90
87) Chrysene	21.754	228	137714	4.552	ng/u1	94
90) Benzo(b)fluoranthene	23.910	252	200327	6.068	ng/u1	99
91) Benzo(k)fluoranthene	23.974	252	67302m	1.982	ng/u1	
93) Benzo(a)pyrene	24.779	252	69682	2.192	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.604	276	71355m	1.802	ng/u1	

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

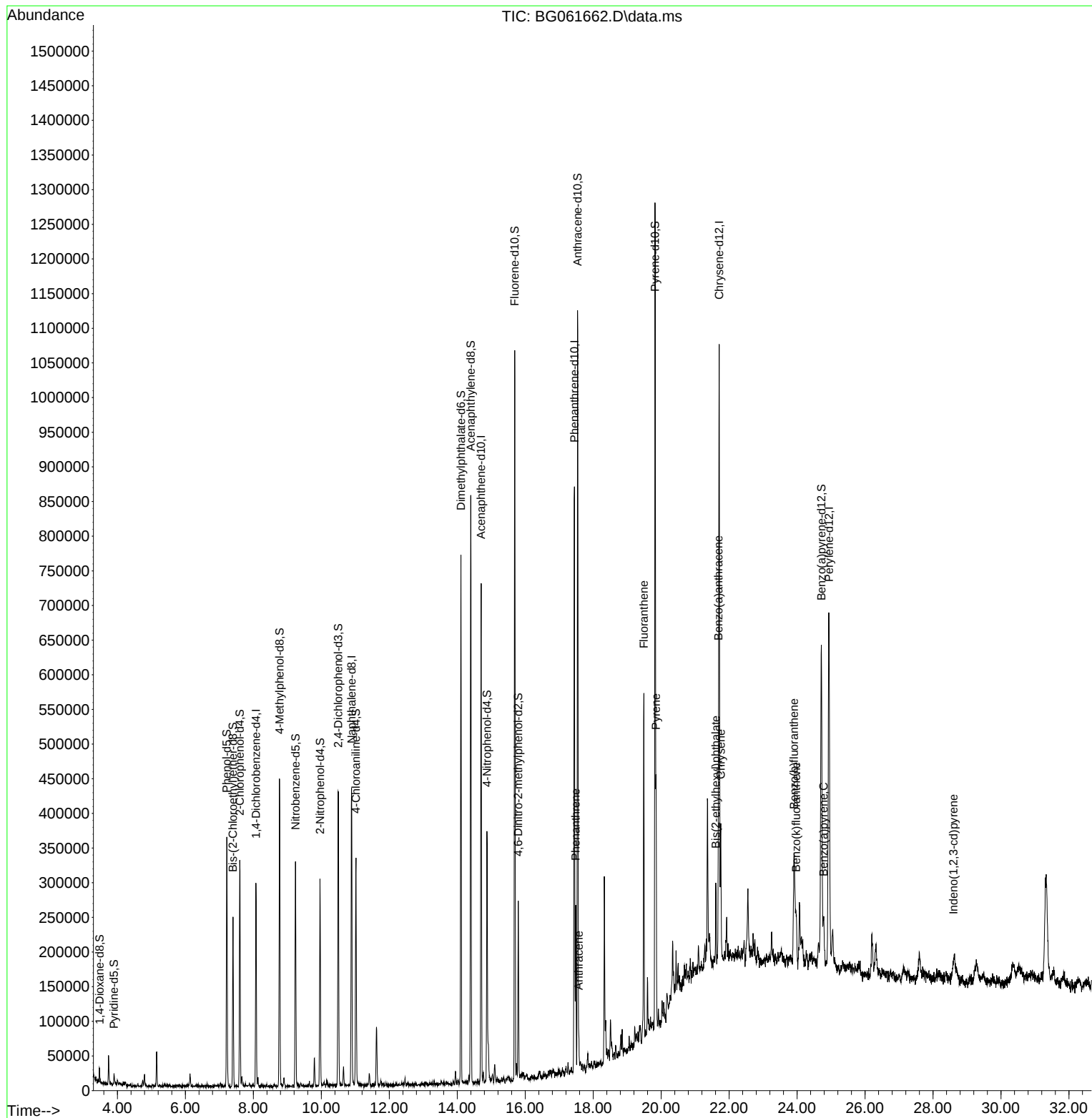
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
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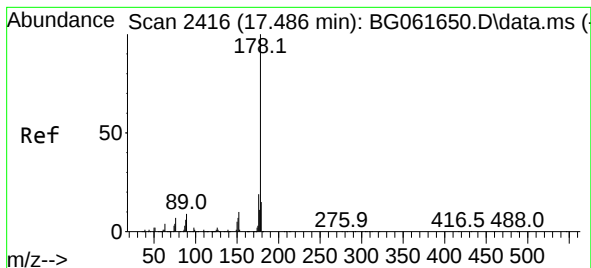
Instrument :
 BNA_G
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 A4CA8

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#72

Phenanthrene

Concen: 5.333 ng/ul

RT: 17.488 min Scan# 2416

Delta R.T. -0.001 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

Instrument :

BNA_G

ClientSampleId :

A4CA8

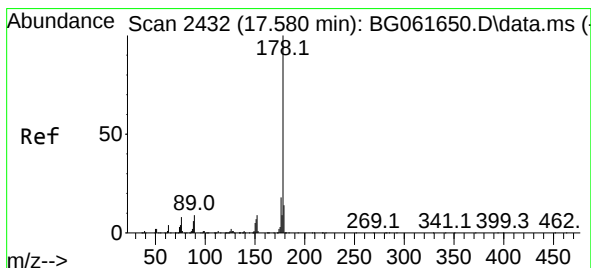
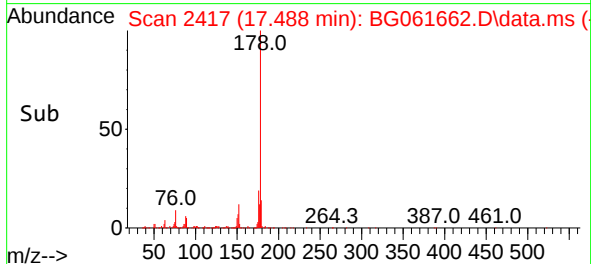
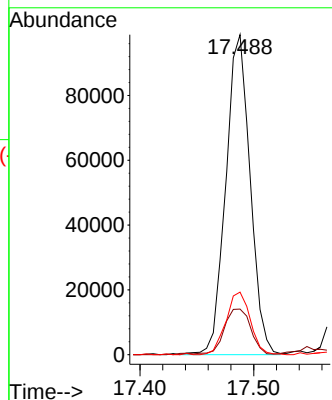
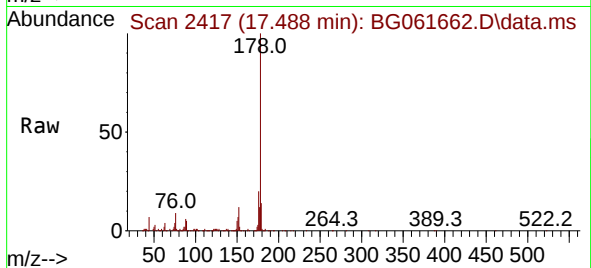
Tgt Ion:178 Resp: 147000
 Ion Ratio Lower Upper
 178 100
 179 14.3 12.0 18.0
 176 19.5 16.2 24.2

Manual Integrations

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#74

Anthracene

Concen: 1.017 ng/ul

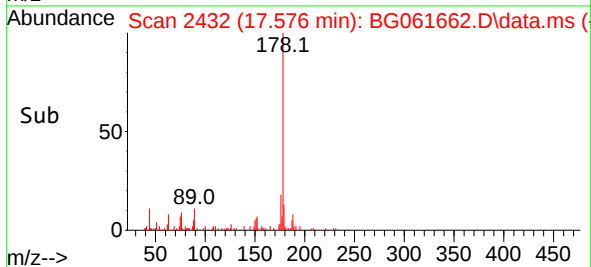
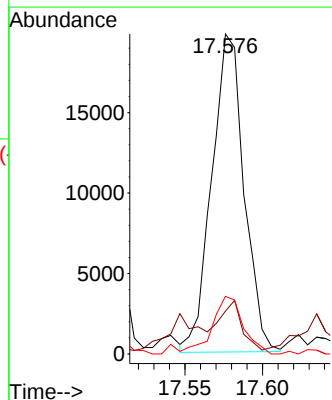
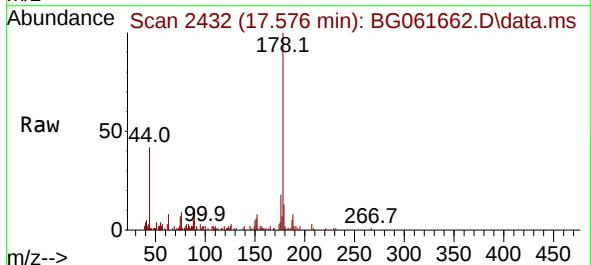
RT: 17.576 min Scan# 2432

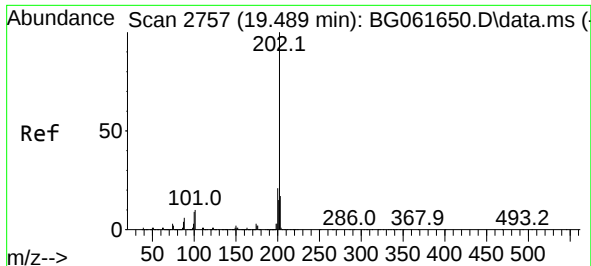
Delta R.T. -0.001 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

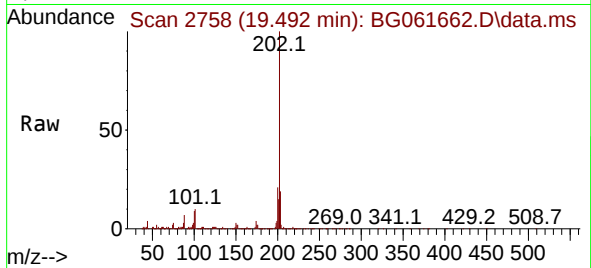
Tgt Ion:178 Resp: 28661
 Ion Ratio Lower Upper
 178 100
 179 13.4 11.4 17.2
 176 18.0 14.7 22.1





#80
Fluoranthene
Concen: 9.892 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061662.D
Acq: 22 Jun 2024 23:58

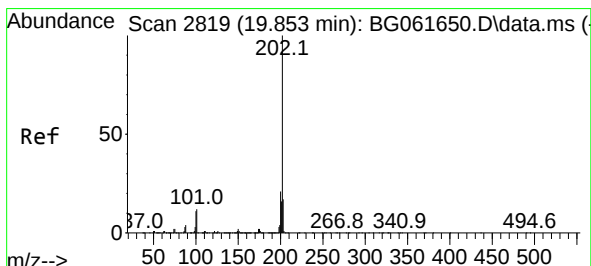
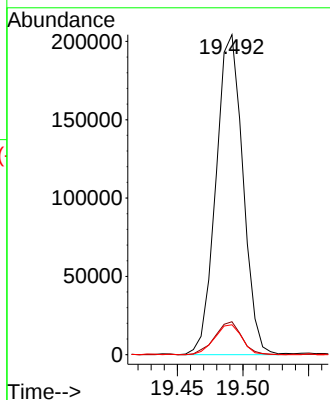
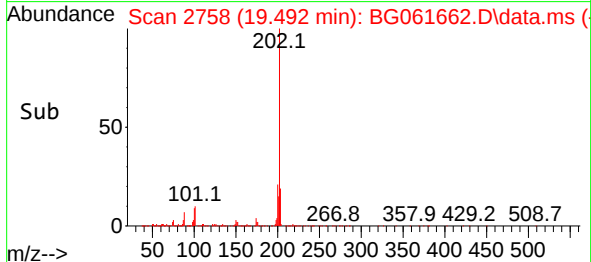
Instrument :
BNA_G
ClientSampleId :
A4CA8



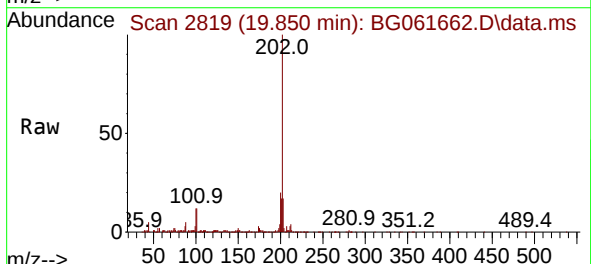
Tgt Ion:202 Resp: 292020
Ion Ratio Lower Upper
202 100
101 10.3 7.8 11.6
100 9.3 7.7 11.5

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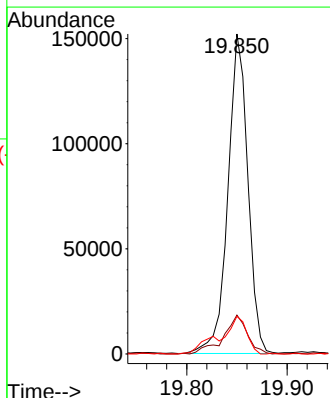
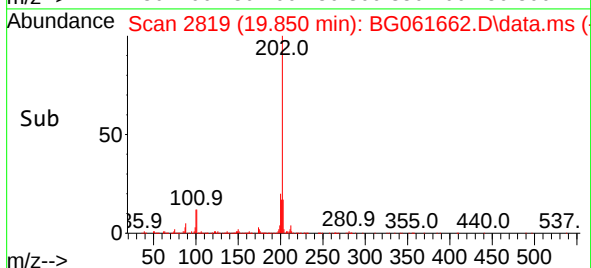
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

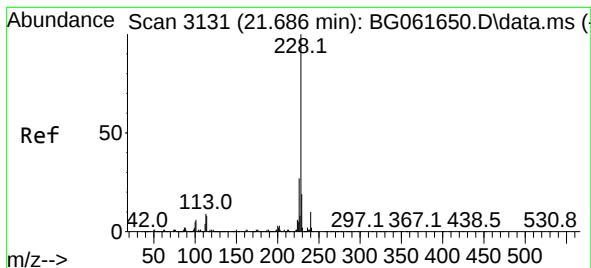


#82
Pyrene
Concen: 6.697 ng/u1
RT: 19.850 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG061662.D
Acq: 22 Jun 2024 23:58



Tgt Ion:202 Resp: 210217
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 11.7 9.9 14.9





#85

Benzo(a)anthracene

Concen: 4.274 ng/ul

RT: 21.689 min Scan# 3119

Delta R.T. -0.001 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

Instrument :

BNA_G

ClientSampleId :

A4CA8

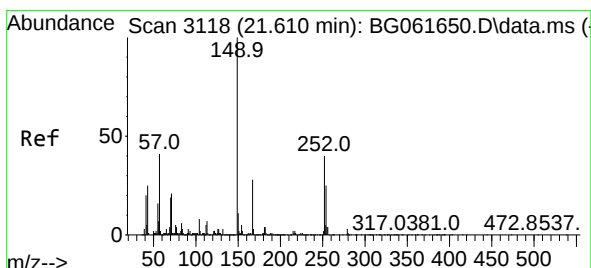
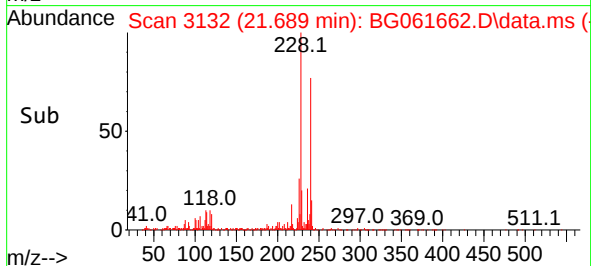
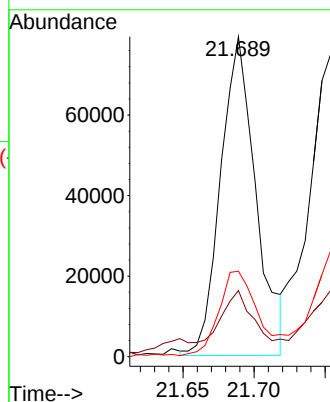
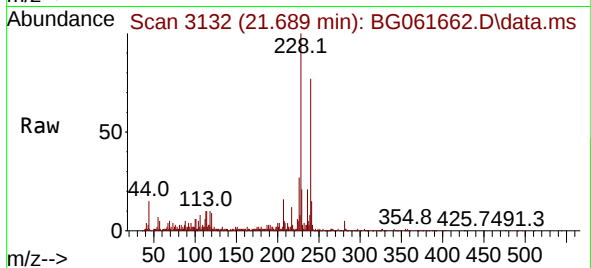
Tgt Ion:	228	Resp:	136658
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.8
226	26.7	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.651 ng/ul

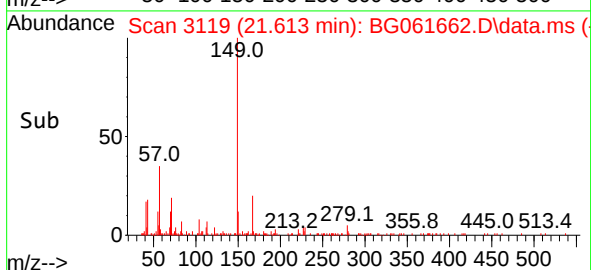
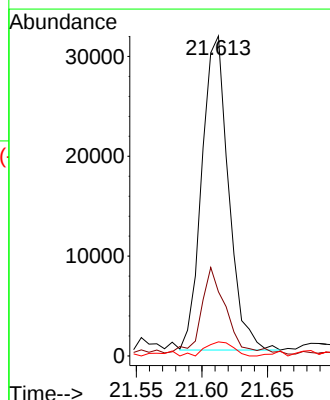
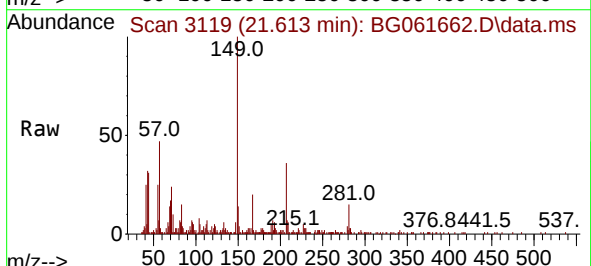
RT: 21.613 min Scan# 3119

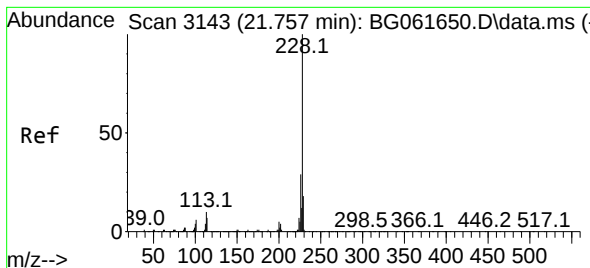
Delta R.T. -0.013 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

Tgt Ion:	149	Resp:	44538
Ion Ratio	Lower	Upper	
149	100		
167	20.1	20.5	30.7#
279	4.4	2.9	4.3#





#87

Chrysene

Concen: 4.552 ng/ul

RT: 21.754 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

Instrument :

BNA_G

ClientSampleId :

A4CA8

Tgt Ion:228 Resp: 137714

Ion Ratio Lower Upper

228 100

226 34.9 24.2 36.2

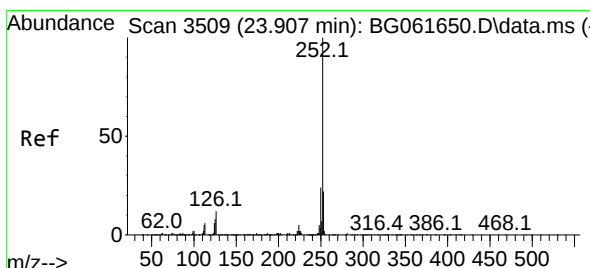
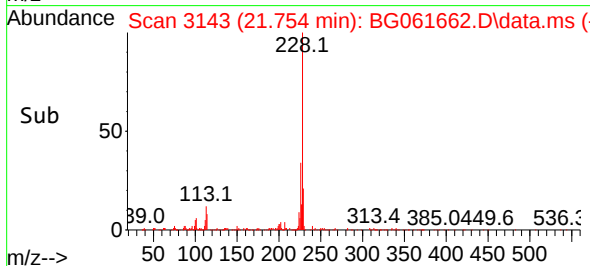
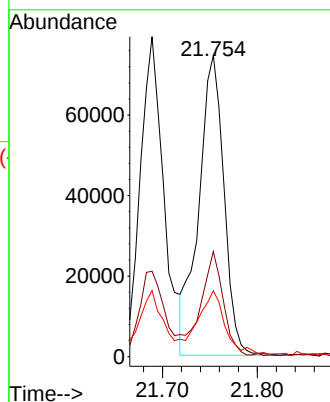
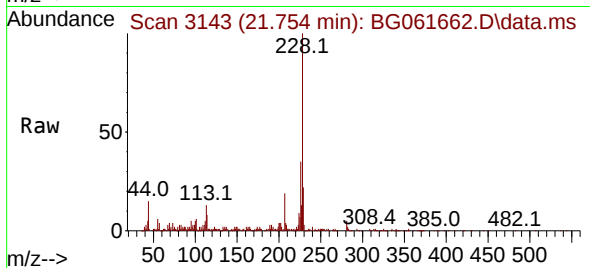
229 21.9 16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 6.068 ng/ul

RT: 23.910 min Scan# 3510

Delta R.T. -0.007 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

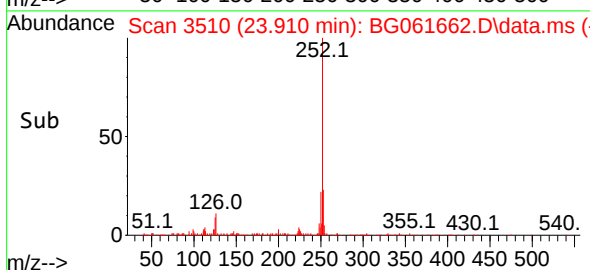
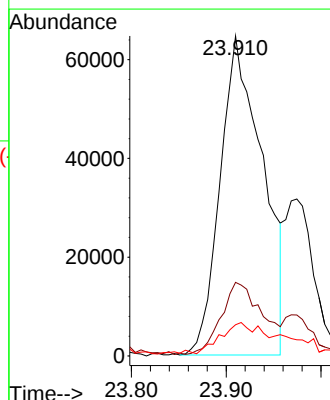
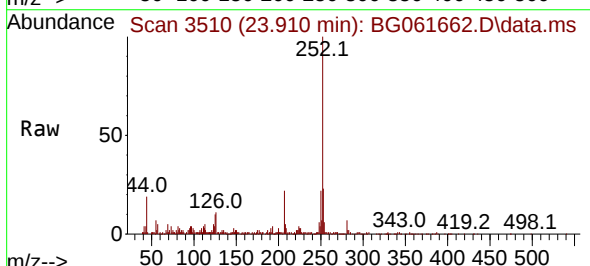
Tgt Ion:252 Resp: 200327

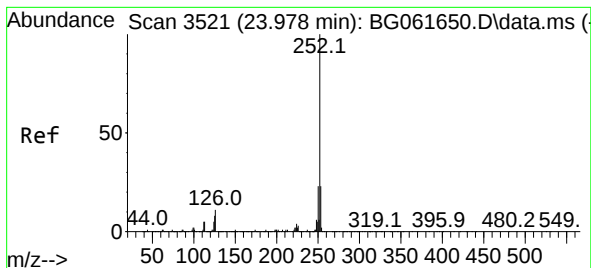
Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

125 9.8 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 1.982 ng/ul m

RT: 23.974 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG061662.D

Acq: 22 Jun 2024 23:58

Instrument :

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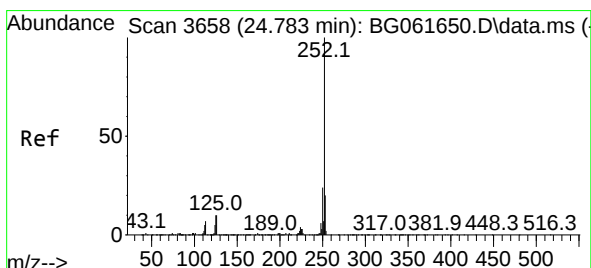
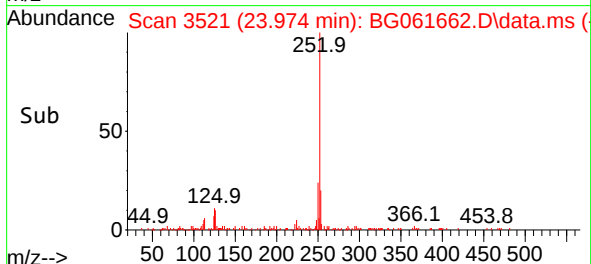
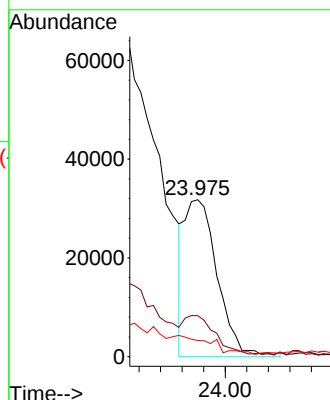
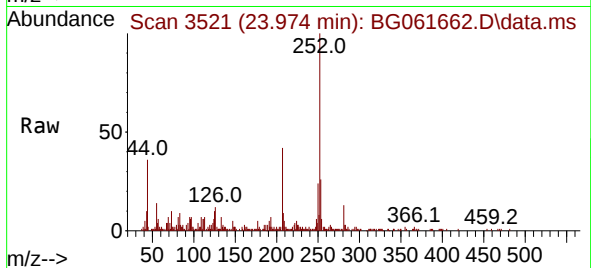
Tgt Ion:	252	Resp:	67302
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.8	26.6
125	10.3	6.2	9.2

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#93

Benzo(a)pyrene

Concen: 2.192 ng/ul

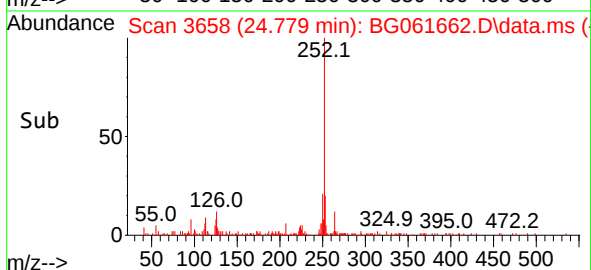
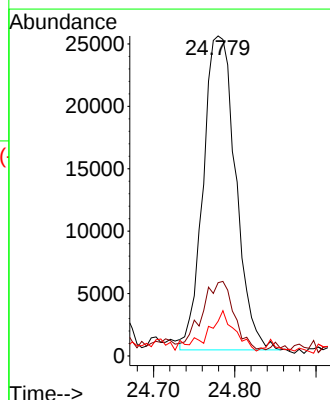
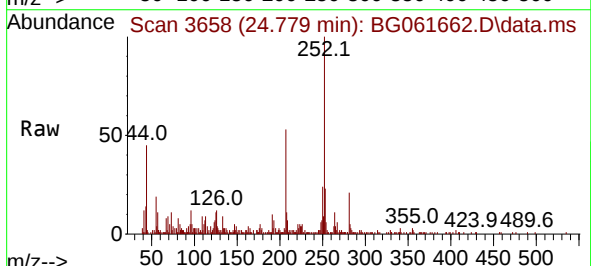
RT: 24.779 min Scan# 3658

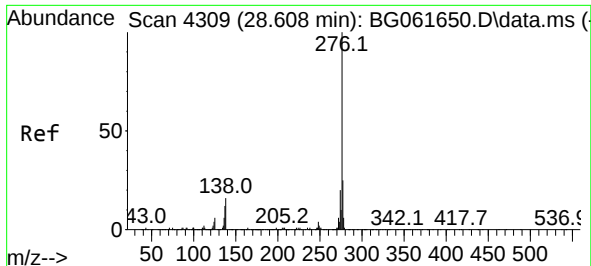
Delta R.T. -0.013 min

Lab File: BG061662.D

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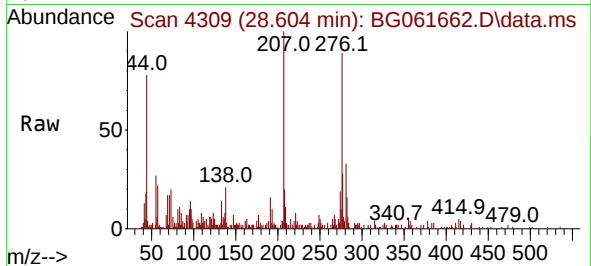
Tgt Ion:	252	Resp:	69682
Ion Ratio	Lower	Upper	
252	100		
253	22.9	16.8	25.2
125	10.8	6.5	9.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.802 ng/ul m
 RT: 28.604 min Scan# 4309
 Delta R.T. -0.013 min
 Lab File: BG061662.D
 Acq: 22 Jun 2024 23:58

Instrument :
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Tgt Ion:	276	Resp:	7135
Ion Ratio	Lower	Upper	
276	100		
138	23.9	12.2	18.4
277	31.1	19.7	29.5

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