

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061384.D
 Acq On : 31 May 2024 8:10
 Operator : MA/JU
 Sample : P2570-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 08:59:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	28512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	113101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	81790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.258	188	182228	20.000	ng/u1	0.00
79) Chrysene-d12	21.512	240	192641	20.000	ng/u1	0.00
88) Perylene-d12	24.597	264	220704	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	2108	4.138	ng/uL	0.00
4) Pyridine-d5	3.745	84	24200	13.352	ng/u1	0.00
7) Phenol-d5	7.058	99	51551	22.017	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	33482	22.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	43522	25.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	44794	22.436	ng/u1	0.00
21) Nitrobenzene-d5	9.027	128	22001	25.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.749	143	25346	24.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	50696	25.516	ng/u1	0.00
31) 4-Chloroaniline-d4	10.801	131	53817	20.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.915	166	167126	26.346	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	182851	27.726	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	15452m	19.703	ng/u1	0.00
60) Fluorene-d10	15.501	176	150508	27.482	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	18952m	17.195	ng/u1	0.00
73) Anthracene-d10	17.358	188	242997	30.247	ng/u1	0.00

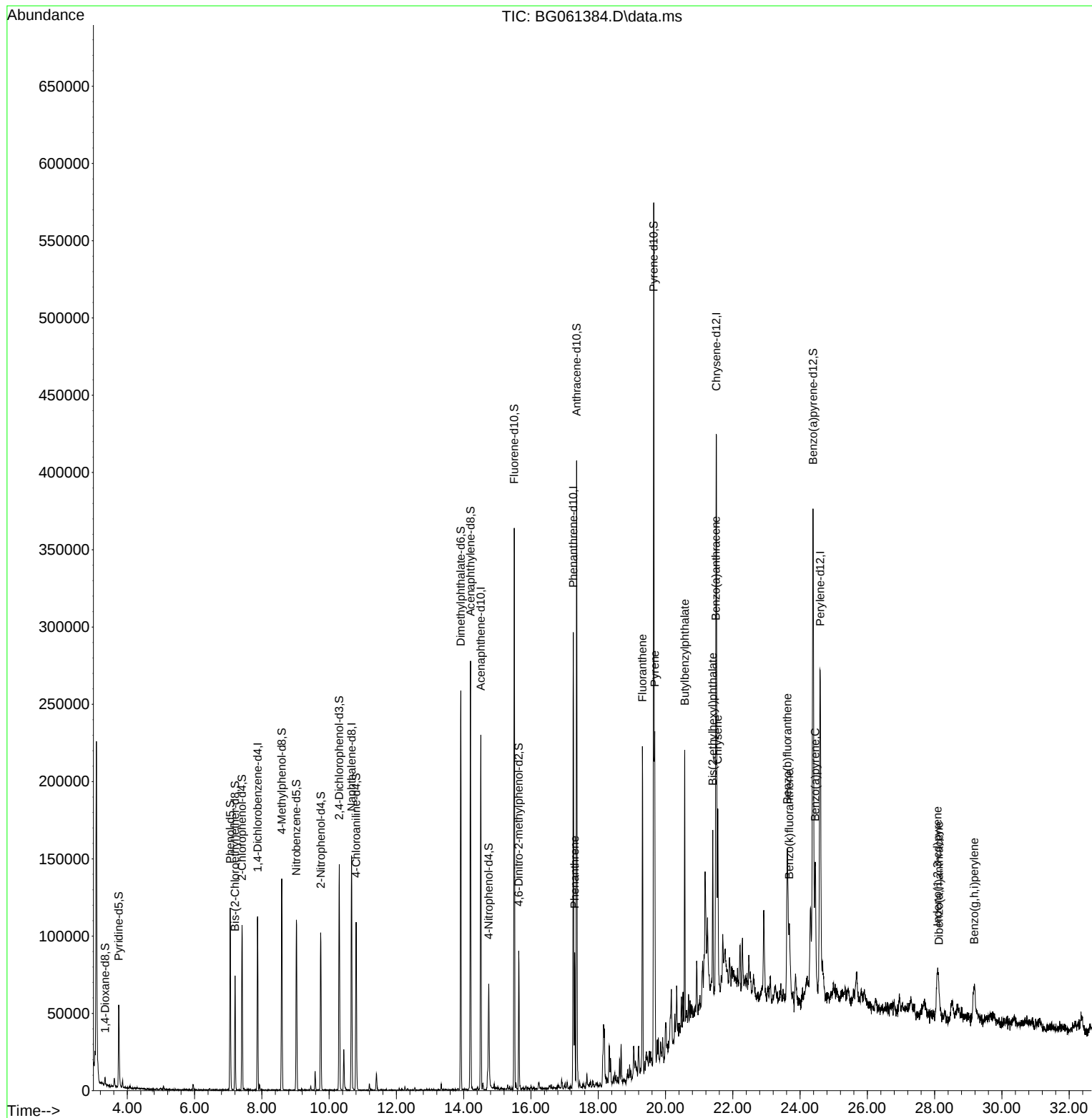
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
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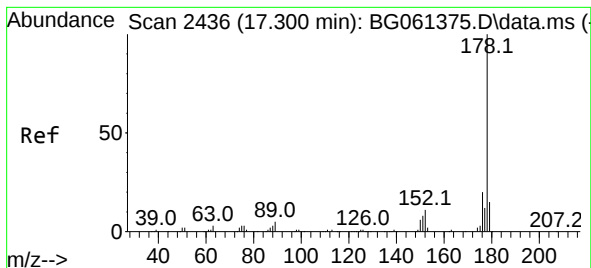
Instrument :
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 Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 6.072 ng/ul

RT: 17.299 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

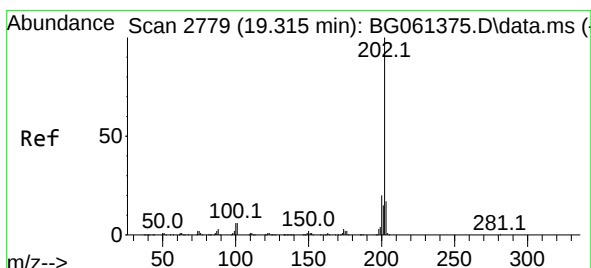
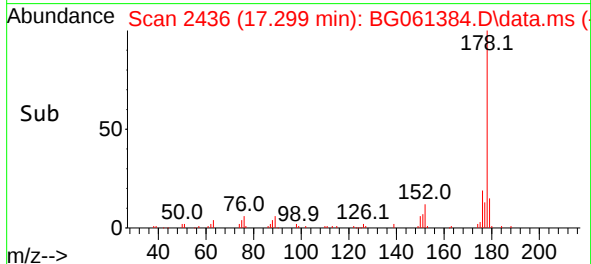
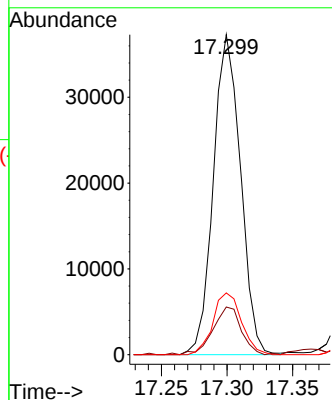
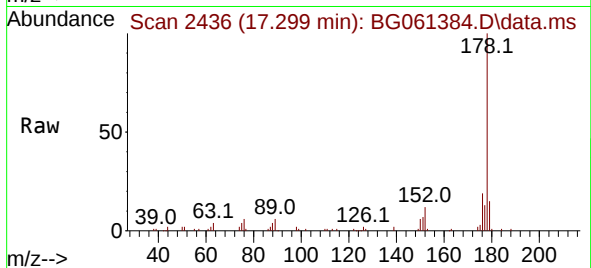
BH6C1

Tgt Ion:178	Resp:	53704
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.7 19.1
176	19.3	15.5 23.3

Manual Integrations

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#80

Fluoranthene

Concen: 11.259 ng/ul

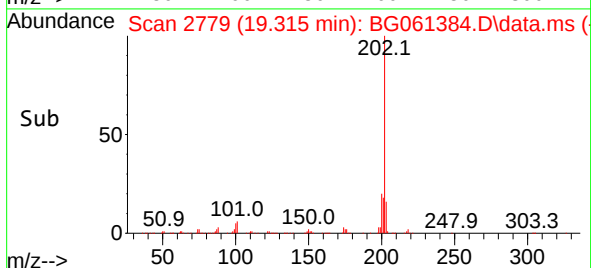
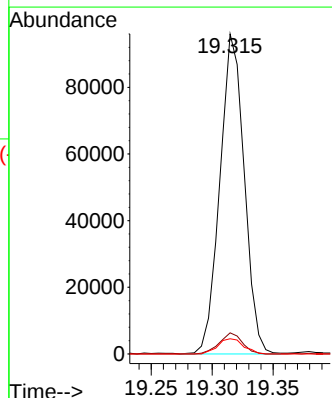
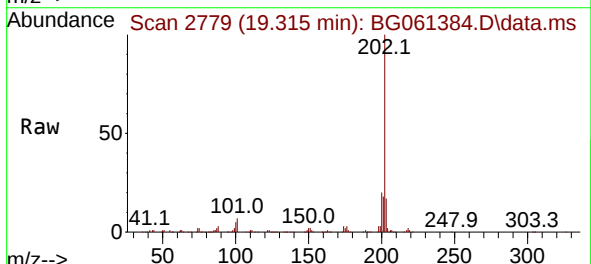
RT: 19.315 min Scan# 2779

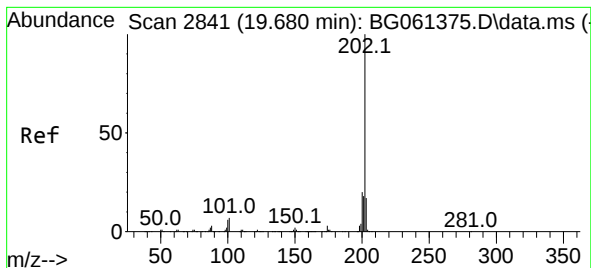
Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Tgt Ion:202	Resp:	133598
Ion Ratio	Lower	Upper
202	100	
101	6.6	4.8 7.2
100	4.7	4.1 6.1





#82

Pyrene

Concen: 11.135 ng/ul

RT: 19.679 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

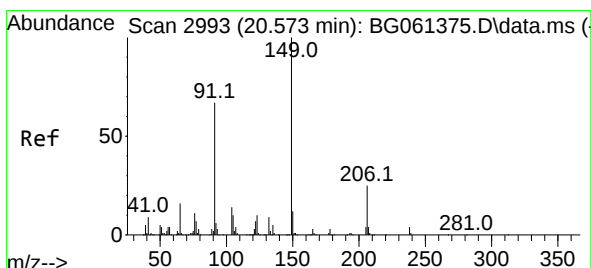
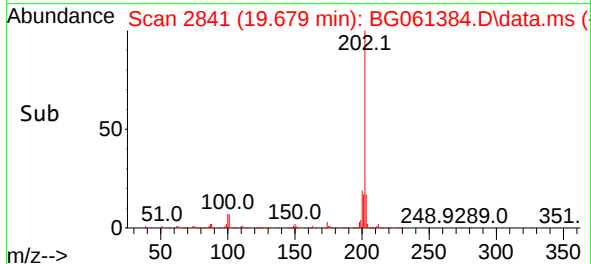
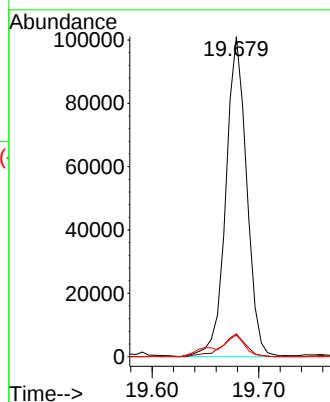
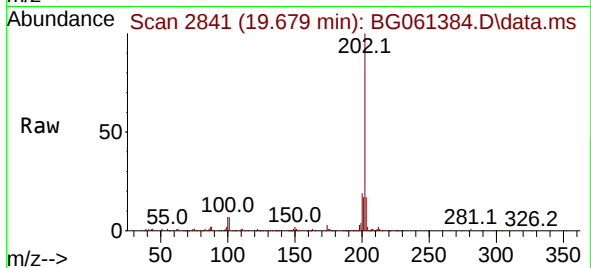
BH6C1

Tgt Ion:	202	Resp:	13715
Ion Ratio	Lower	Upper	
202	100		
101	7.1	5.7	8.5
100	6.7	5.1	7.7

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#83

Butylbenzylphthalate

Concen: 11.551 ng/ul

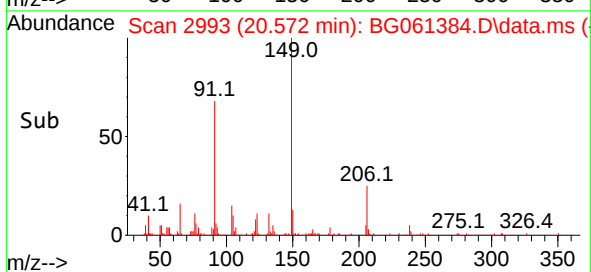
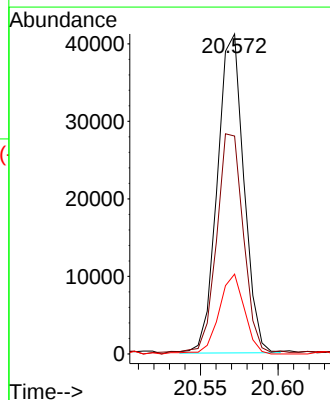
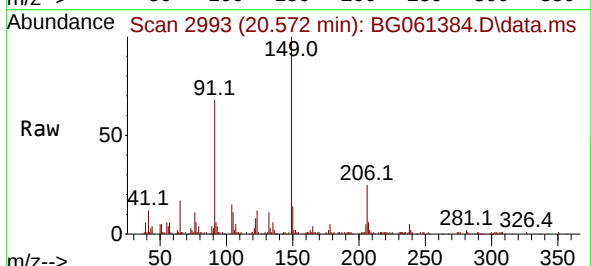
RT: 20.572 min Scan# 2993

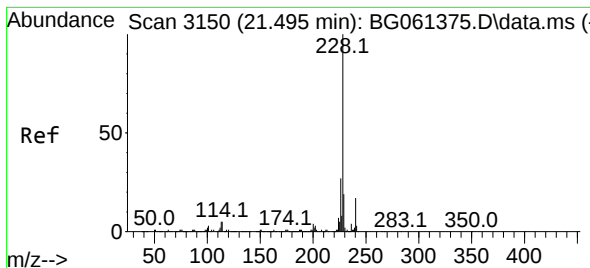
Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Tgt Ion:	149	Resp:	48876
Ion Ratio	Lower	Upper	
149	100		
91	68.1	54.8	82.2
206	24.9	19.4	29.0





#85

Benzo(a)anthracene

Concen: 6.028 ng/ul

RT: 21.494 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

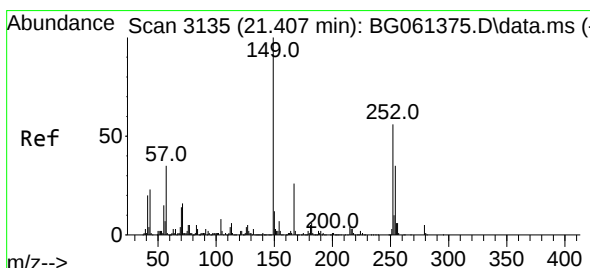
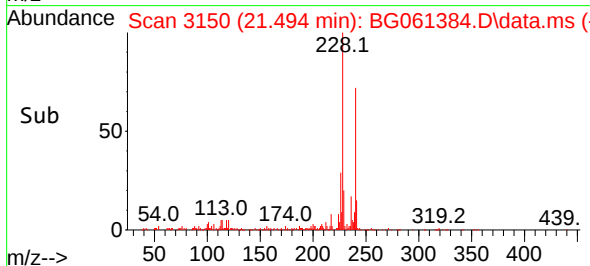
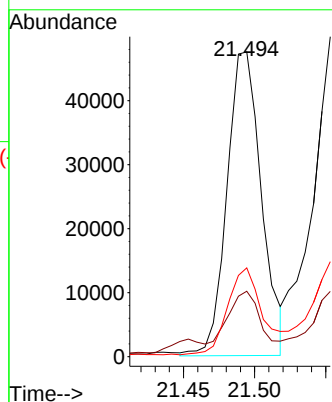
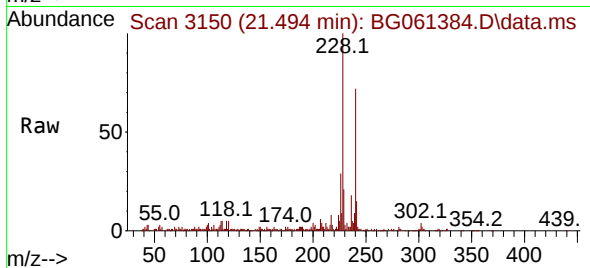
BH6C1

Tgt Ion:	228	Resp:	80128
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.2	22.8
226	29.1	21.4	32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 6.051 ng/ul

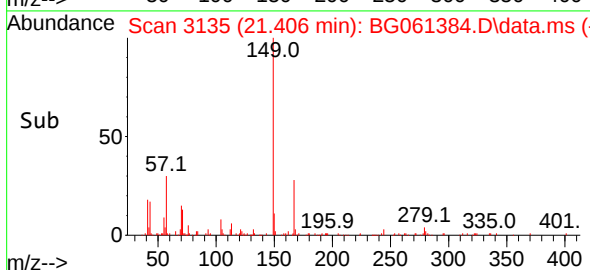
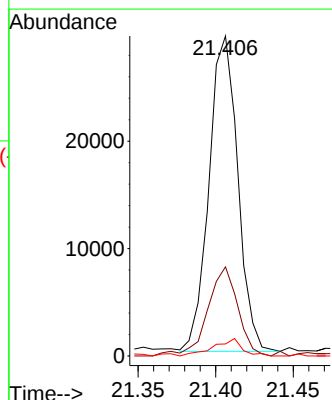
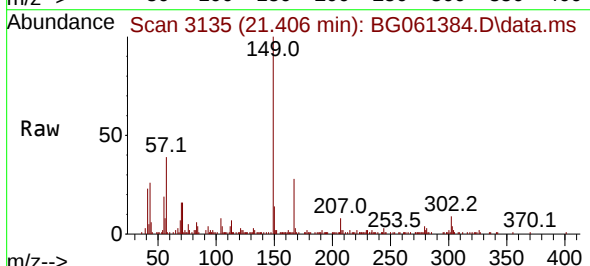
RT: 21.406 min Scan# 3135

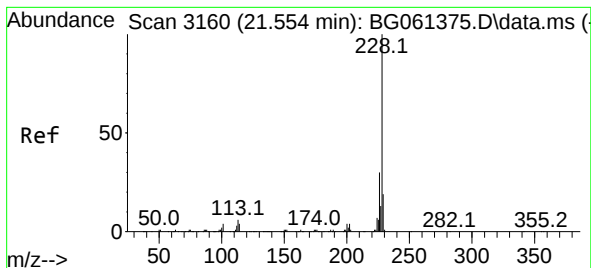
Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Tgt Ion:	149	Resp:	37900
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.1	31.7
279	3.8	3.3	4.9





#87

Chrysene

Concen: 7.030 ng/ul

RT: 21.553 min Scan# 3160

Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

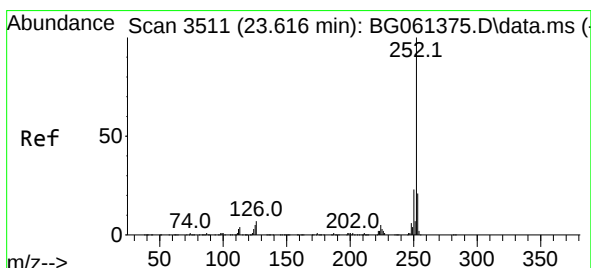
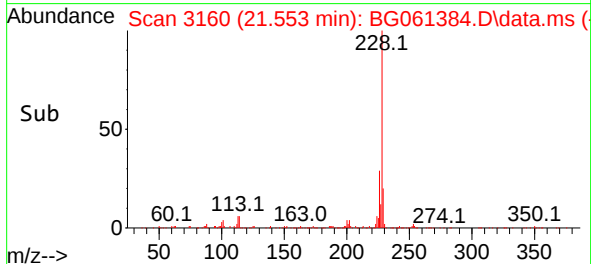
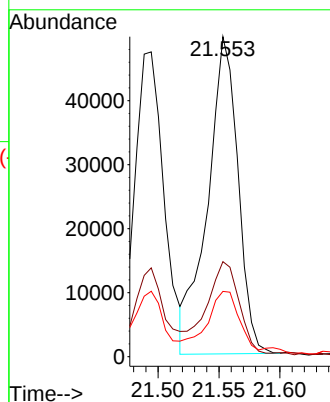
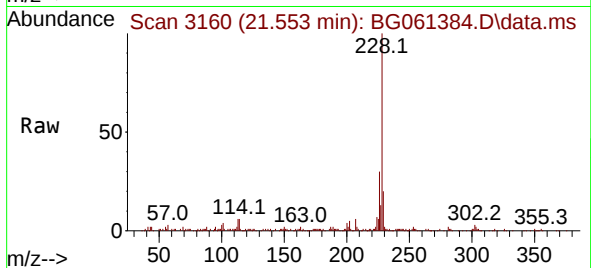
BH6C1

Tgt Ion:	228	Resp:	86040
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	20.4	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 9.632 ng/ul

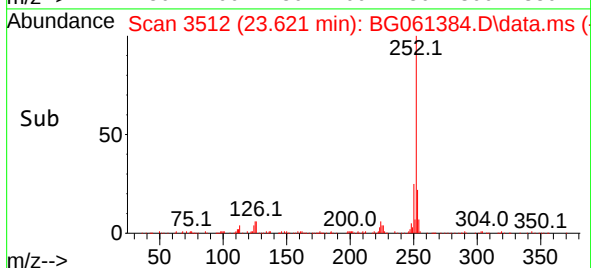
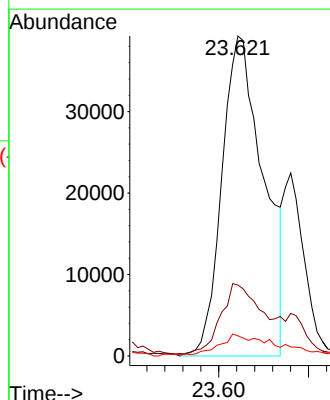
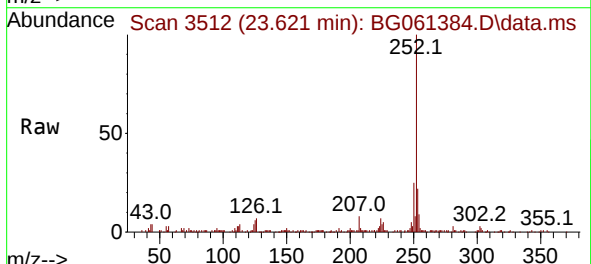
RT: 23.621 min Scan# 3512

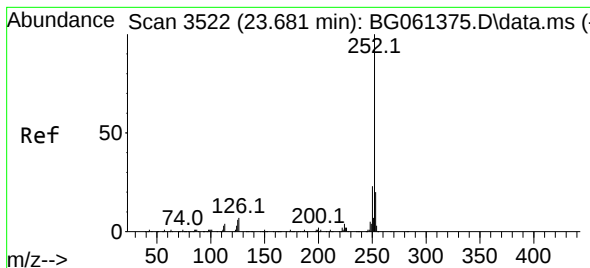
Delta R.T. 0.006 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Tgt Ion:	252	Resp:	126574
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	6.3	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 2.541 ng/u1

RT: 23.680 min Scan# 3522

Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

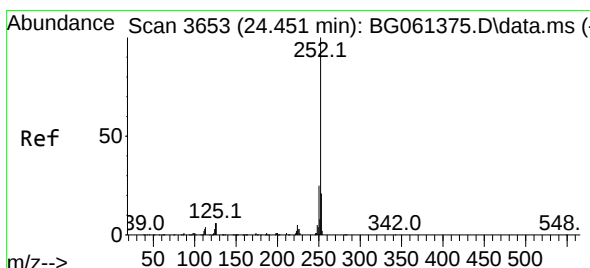
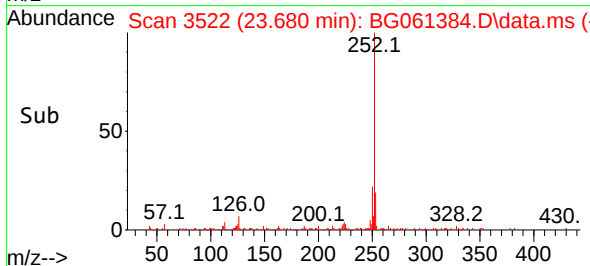
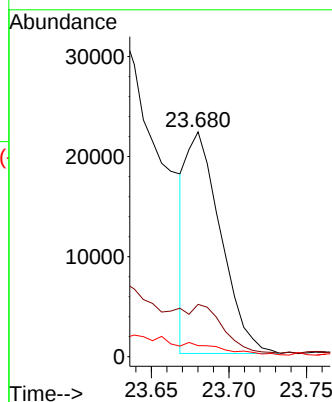
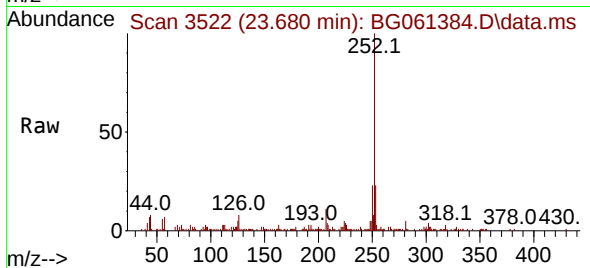
BH6C1

Tgt Ion:	252	Resp:	3389
Ion Ratio	Lower	Upper	
252	100		
253	23.3	16.0	24.0
125	4.9	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 6.869 ng/u1

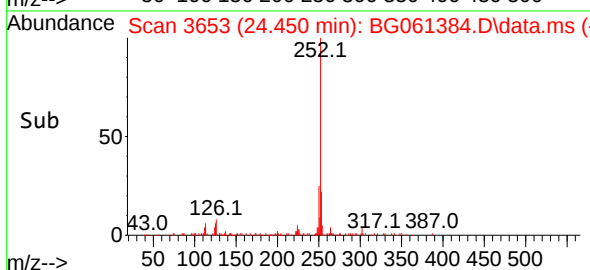
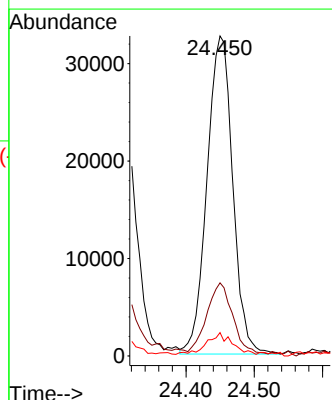
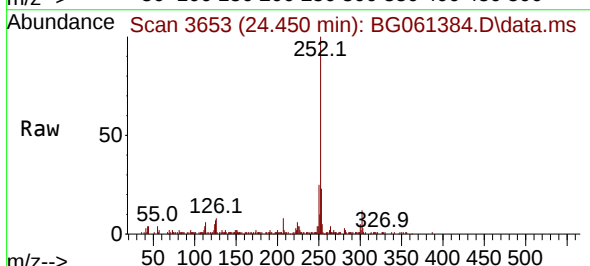
RT: 24.450 min Scan# 3653

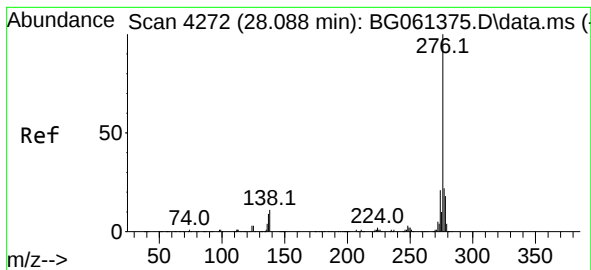
Delta R.T. -0.000 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Tgt Ion:	252	Resp:	85706
Ion Ratio	Lower	Upper	
252	100		
253	22.9	16.4	24.6
125	7.3	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.929 ng/ul m

RT: 28.087 min Scan# 4272

Delta R.T. -0.006 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

Instrument :

BNA_G

ClientSampleId :

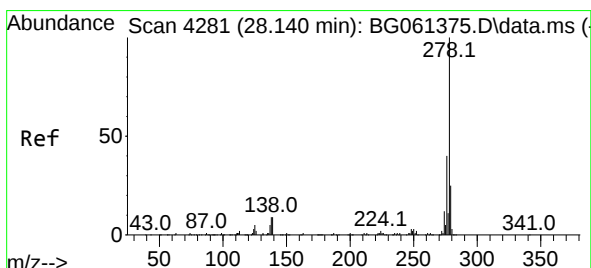
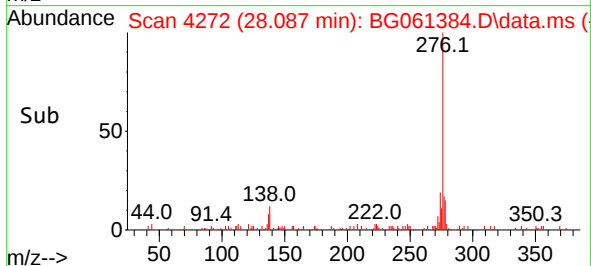
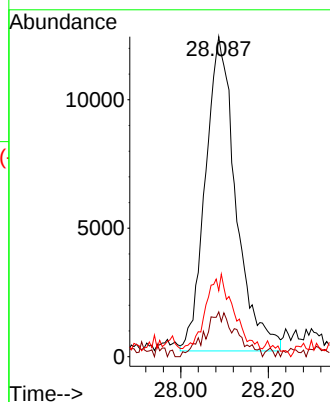
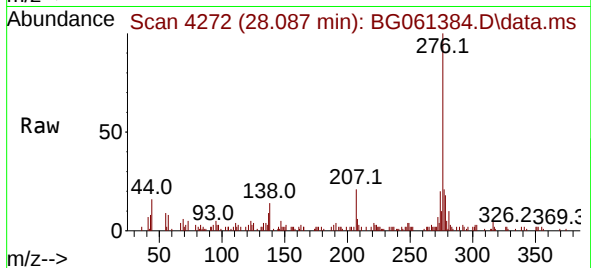
BH6C1

Tgt Ion:	276	Resp:	5928
Ion Ratio	Lower	Upper	
276	100		
138	14.0	8.6	13.0
277	20.7	19.7	29.5

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.238 ng/ul m

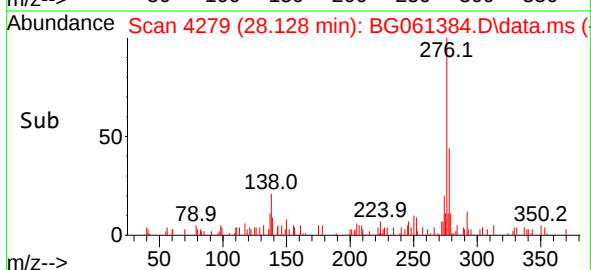
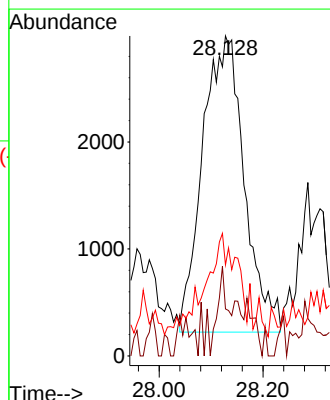
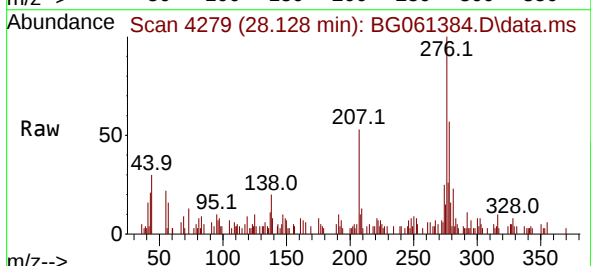
RT: 28.128 min Scan# 4279

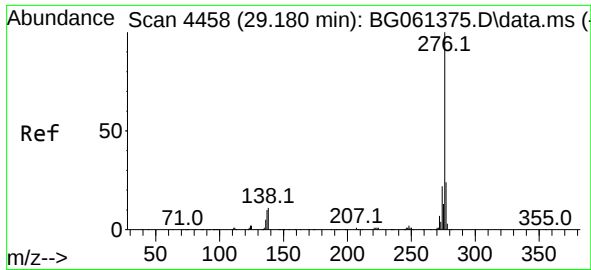
Delta R.T. -0.012 min

Lab File: BG061384.D

Acq: 31 May 2024 8:10

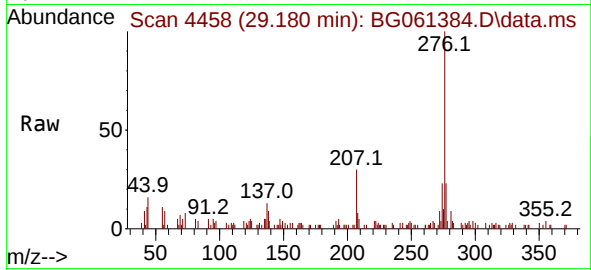
Tgt Ion:	278	Resp:	15406
Ion Ratio	Lower	Upper	
278	100		
139	14.7	6.4	9.6
279	28.5	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 4.437 ng/ul m
RT: 29.180 min Scan# 44
Delta R.T. 0.006 min
Lab File: BG061384.D
Acq: 31 May 2024 8:10

Instrument :
BNA_G
ClientSampleId :
BH6C1



Tgt Ion:276 Resp: 53264
Ion Ratio Lower Upper
276 100
138 8.7 8.7 13.1
277 22.9 18.2 27.2

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