

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061366.D
 Acq On : 30 May 2024 19:14
 Operator : MA/JU
 Sample : P2570-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B0

Manual Integrations
 APPROVED

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

Quant Time: May 30 23:09:12 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	7.877	152	22576	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	86717	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	68516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	173235	20.000	ng/u1	0.00
79) Chrysene-d12	21.508	240	177221	20.000	ng/u1	0.00
88) Perylene-d12	24.592	264	198515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2165m	5.367	ng/uL	0.00
4) Pyridine-d5	3.746	84	28904	20.140	ng/u1	0.00
7) Phenol-d5	7.054	99	48426	26.120	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	30657	26.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	39292	28.637	ng/u1	0.00
15) 4-Methylphenol-d8	8.588	113	37141	23.494	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	19648	29.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	22091	28.271	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	43936	28.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.803	131	48627	24.400	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	151039	28.423	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	167321	30.287	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	15738	23.955	ng/u1	0.00
60) Fluorene-d10	15.503	176	132489	28.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	22077	21.071	ng/u1	0.00
73) Anthracene-d10	17.354	188	218478	28.606	ng/u1	0.00
81) Pyrene-d10	19.651	212	282873	31.087	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.381	264	296386	31.055	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.301	178	9940	1.182	ng/u1	97
80) Fluoranthene	19.316	202	32631	2.989	ng/u1	98
82) Pyrene	19.675	202	33412	2.949	ng/u1	98
85) Benzo(a)anthracene	21.490	228	25111	2.054	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.402	149	12604m	2.188	ng/u1	
87) Chrysene	21.555	228	23778	2.112	ng/u1#	95
90) Benzo(b)fluoranthene	23.617	252	35057m	2.966	ng/u1	
93) Benzo(a)pyrene	24.446	252	24425	2.176	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.077	276	17280m	1.273	ng/u1	
96) Benzo(g,h,i)perylene	29.158	276	15957m	1.478	ng/u1	

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

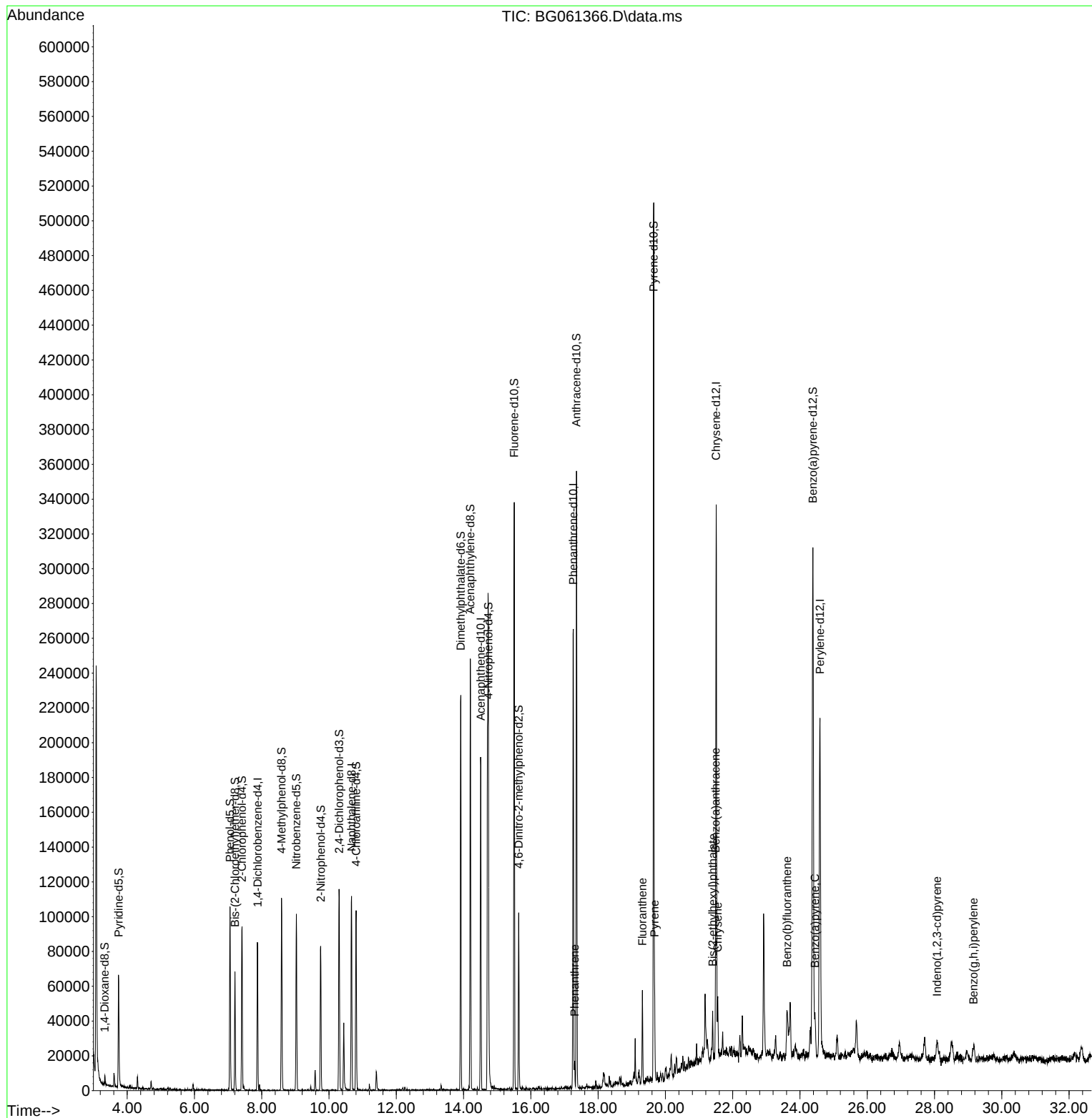
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
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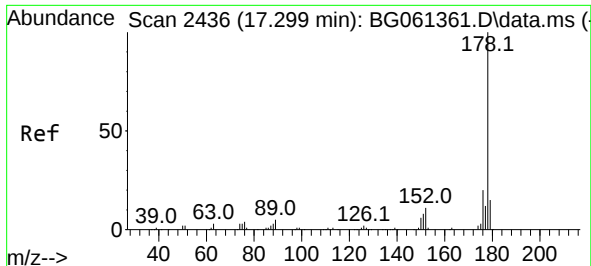
Instrument :
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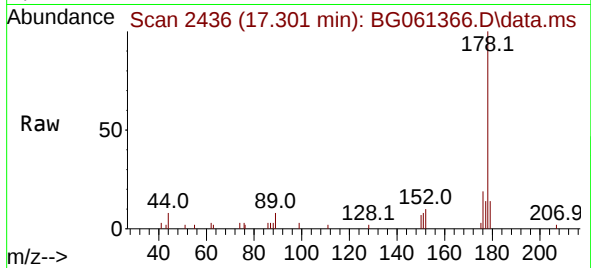
Quant Time: May 30 23:09:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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#72
Phenanthrene
Concen: 1.182 ng/u1
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

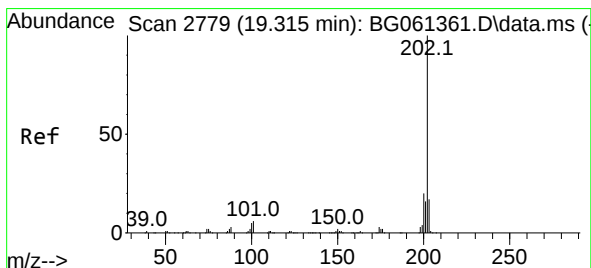
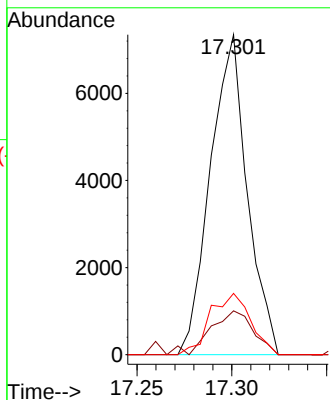
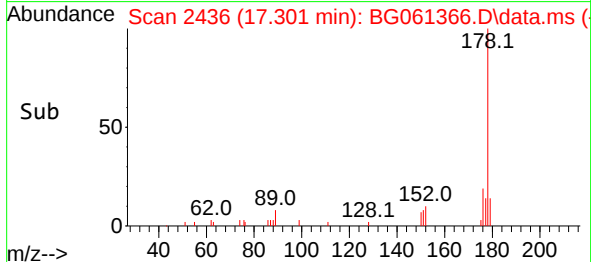
Instrument :
BNA_G
ClientSampleId :
BH6B0



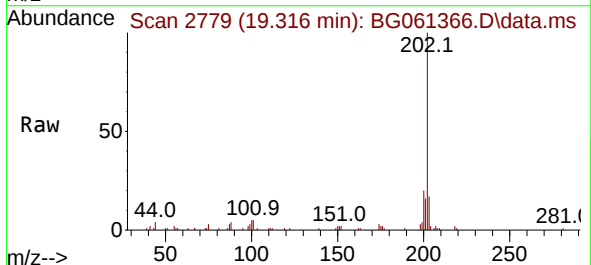
Tgt Ion:178 Resp: 9940
Ion Ratio Lower Upper
178 100
179 13.7 12.7 19.1
176 19.2 15.5 23.3

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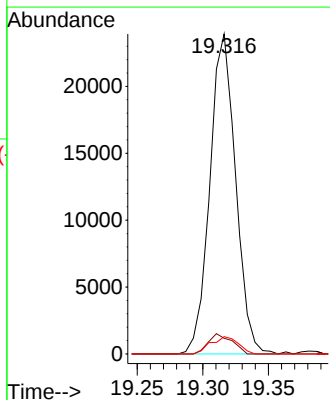
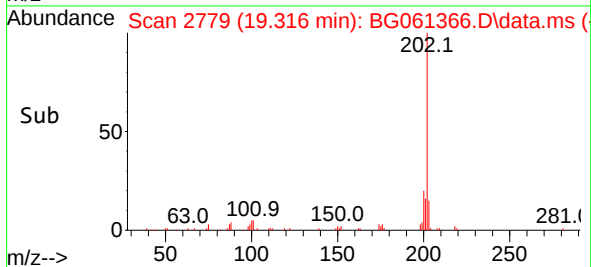
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

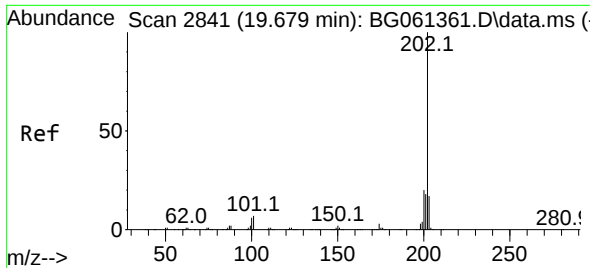


#80
Fluoranthene
Concen: 2.989 ng/u1
RT: 19.316 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14



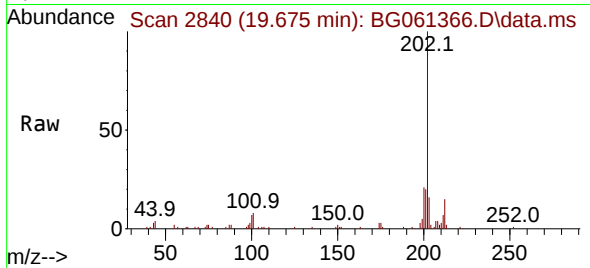
Tgt Ion:202 Resp: 32631
Ion Ratio Lower Upper
202 100
101 4.9 4.8 7.2
100 5.4 4.1 6.1





#82
 Pyrene
 Concen: 2.949 ng/ul
 RT: 19.675 min Scan# 2841
 Delta R.T. -0.004 min
 Lab File: BG061366.D
 Acq: 30 May 2024 19:14

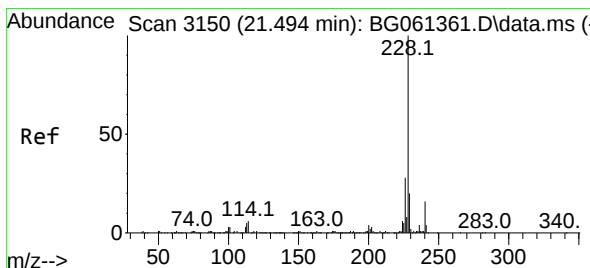
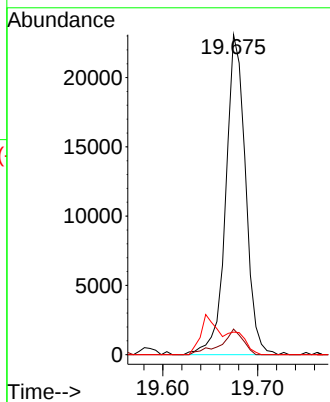
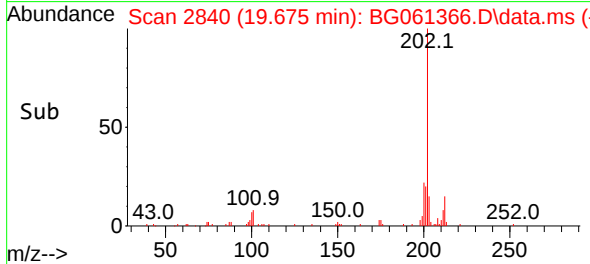
Instrument :
 BNA_G
 ClientSampleId :
 BH6B0



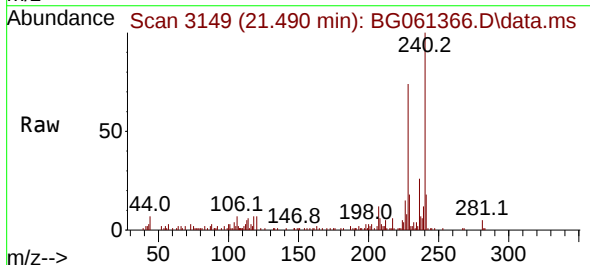
Tgt Ion:202 Resp: 3341
 Ion Ratio Lower Upper
 202 100
 101 8.0 5.7 8.5
 100 7.0 5.1 7.7

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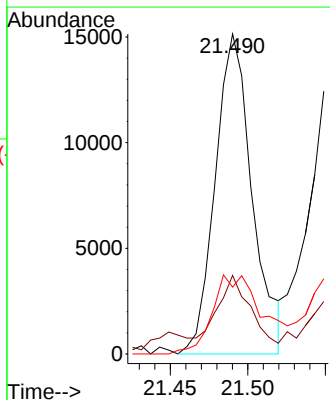
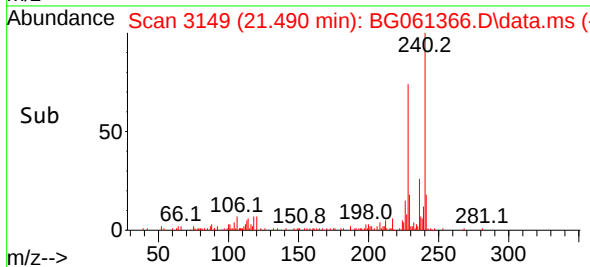
Reviewed By :Jagrut Upadhyay 05/31/2024
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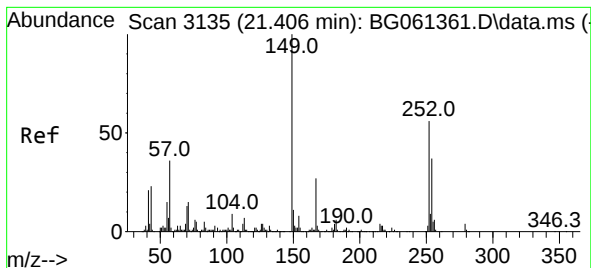


#85
 Benzo(a)anthracene
 Concen: 2.054 ng/ul
 RT: 21.490 min Scan# 3149
 Delta R.T. -0.004 min
 Lab File: BG061366.D
 Acq: 30 May 2024 19:14



Tgt Ion:228 Resp: 25111
 Ion Ratio Lower Upper
 228 100
 229 24.6 15.2 22.8#
 226 20.9 21.4 32.2#





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.188 ng/ul m

RT: 21.402 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

Instrument :

BNA_G

ClientSampleId :

BH6B0

Tgt Ion:149 Resp: 12604

Ion Ratio Lower Upper

149 100

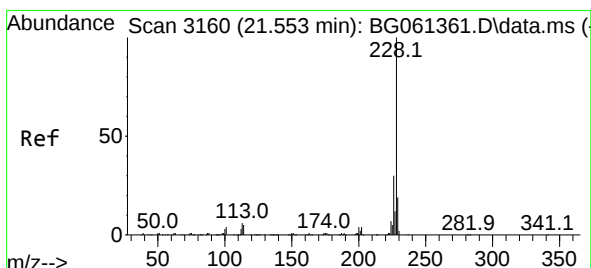
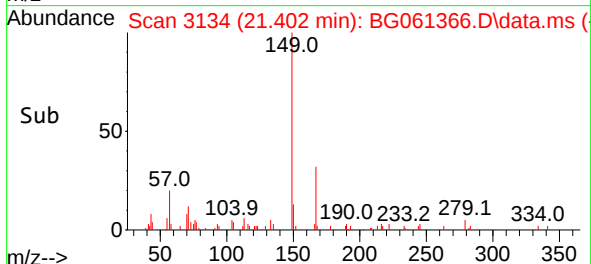
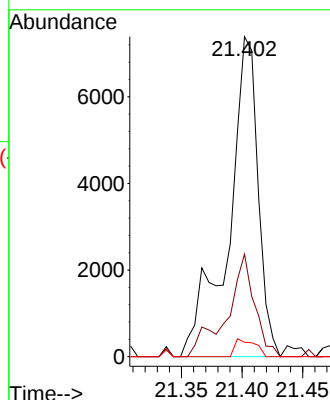
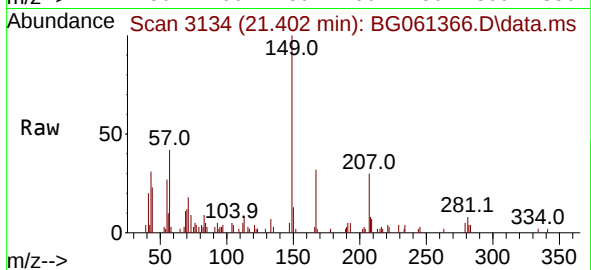
167 32.1 21.1 31.7

279 4.5 3.3 4.9

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#87

Chrysene

Concen: 2.112 ng/ul

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

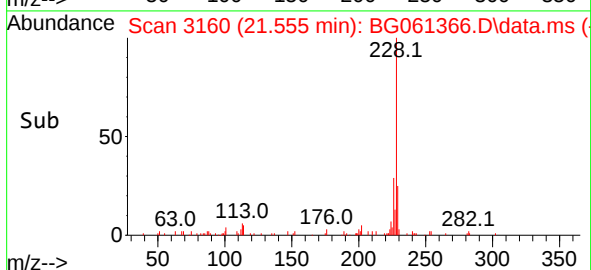
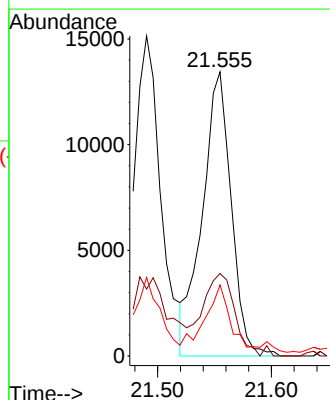
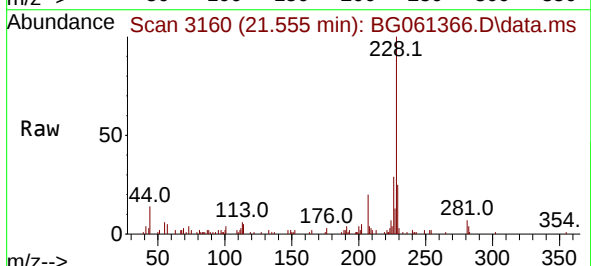
Tgt Ion:228 Resp: 23778

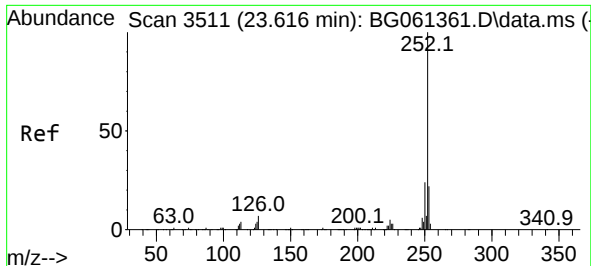
Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

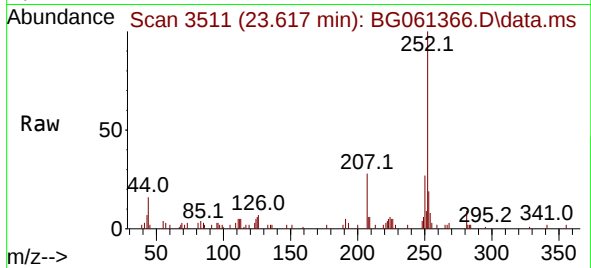
229 25.0 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 2.966 ng/ul m
RT: 23.617 min Scan# 3511
Delta R.T. 0.002 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

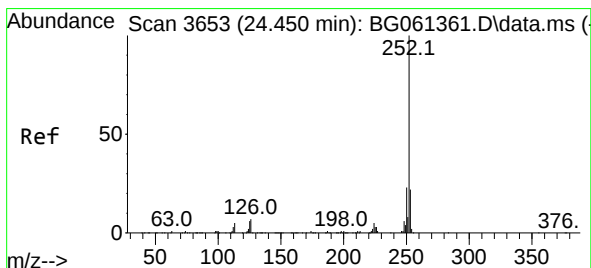
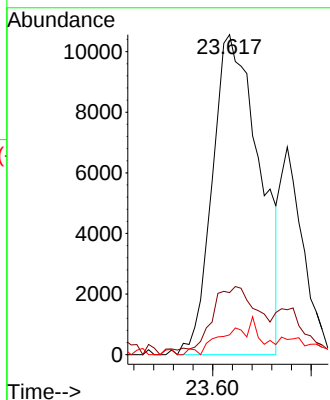
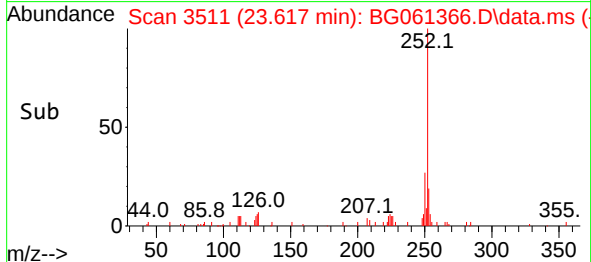
Instrument :
BNA_G
ClientSampleId :
BH6B0



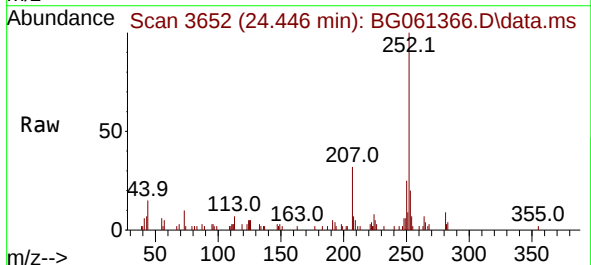
Tgt Ion:252 Resp: 3505
Ion Ratio Lower Upper
252 100
253 19.4 17.8 26.8
125 6.2 4.6 6.8

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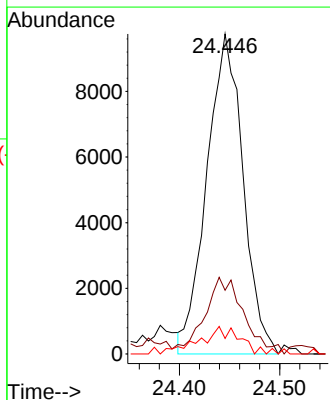
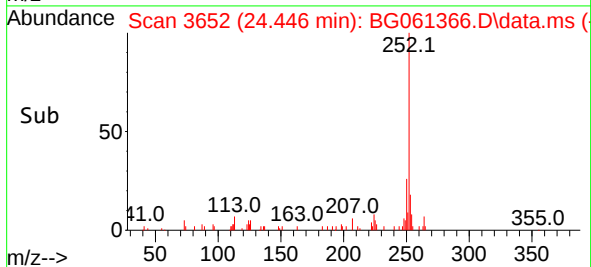
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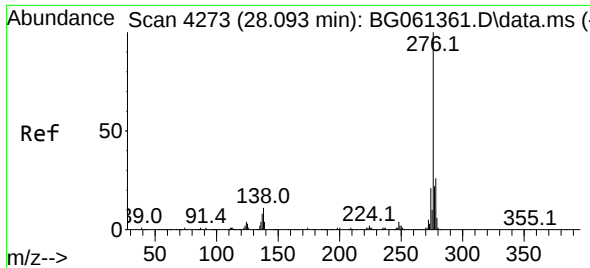


#93
Benzo(a)pyrene
Concen: 2.176 ng/ul
RT: 24.446 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14



Tgt Ion:252 Resp: 24425
Ion Ratio Lower Upper
252 100
253 19.9 16.4 24.6
125 4.9 4.3 6.5





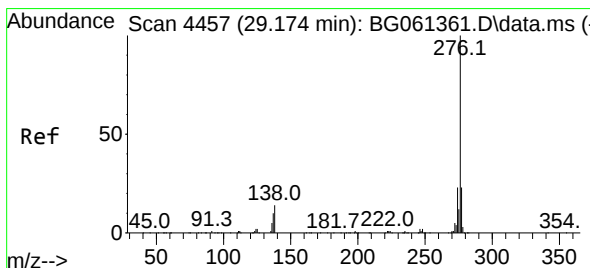
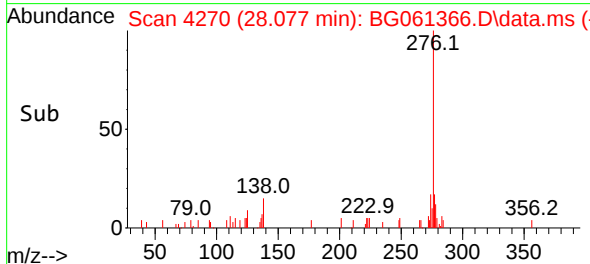
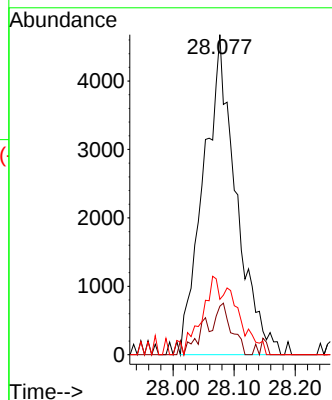
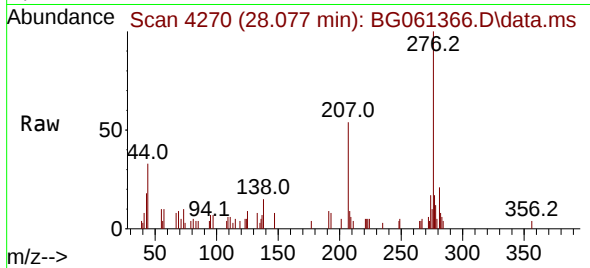
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.273 ng/ul m
RT: 28.077 min Scan# 441
Delta R.T. -0.016 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 276 Resp: 17280
Ion Ratio Lower Upper
276 100
138 15.2 8.6 13.0
277 17.3 19.7 29.5

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.478 ng/ul m
RT: 29.158 min Scan# 4454
Delta R.T. -0.016 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

Tgt Ion: 276 Resp: 15957
Ion Ratio Lower Upper
276 100
138 9.1 8.7 13.1
277 20.7 18.2 27.2

