

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061370.D
 Acq On : 30 May 2024 21:58
 Operator : MA/JU
 Sample : P2570-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH653

Manual Integrations
 APPROVED

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

Quant Time: May 30 23:21:52 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	7.872	152	25513	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	103645	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.506	164	78025	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	178810	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.509	240	185778	20.000	ng/u1	0.00
88) Perylene-d12	24.594	264	209739	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3098	6.795	ng/uL	0.00
4) Pyridine-d5	3.742	84	38855	23.957	ng/u1	0.00
7) Phenol-d5	7.056	99	61387	29.300	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	38397	29.157	ng/u1	0.00
11) 2-Chlorophenol-d4	7.414	132	50391	32.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.589	113	48538	27.169	ng/u1	0.00
21) Nitrobenzene-d5	9.030	128	25203	31.583	ng/u1	0.00
24) 2-Nitrophenol-d4	9.753	143	29800	31.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	61043	33.527	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	57850	24.286	ng/u1	0.00
46) Dimethylphthalate-d6	13.912	166	199770	33.012	ng/u1	0.00
49) Acenaphthylene-d8	14.200	160	219291	34.856	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	22417	29.963	ng/u1	0.00
60) Fluorene-d10	15.505	176	184095	35.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	34825	32.201	ng/u1	0.00
73) Anthracene-d10	17.355	188	297306	37.714	ng/u1	0.00
81) Pyrene-d10	19.653	212	349995	36.691	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.383	264	383604	38.043	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.303	178	64355	7.415	ng/u1	97
80) Fluoranthene	19.318	202	208314	18.204	ng/u1	100
82) Pyrene	19.682	202	190845	16.067	ng/u1	99
85) Benzo(a)anthracene	21.492	228	108141	8.436	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	54340	8.997	ng/u1	94
87) Chrysene	21.556	228	119713	10.142	ng/u1	94
90) Benzo(b)fluoranthene	23.619	252	166049	13.297	ng/u1	98
91) Benzo(k)fluoranthene	23.672	252	60204m	4.749	ng/u1	
93) Benzo(a)pyrene	24.447	252	115164	9.712	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.078	276	82104	5.726	ng/u1#	96
95) Dibenzo(a,h)anthracene	28.131	278	21515m	1.820	ng/u1	
96) Benzo(g,h,i)perylene	29.171	276	81409	7.136	ng/u1	98

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

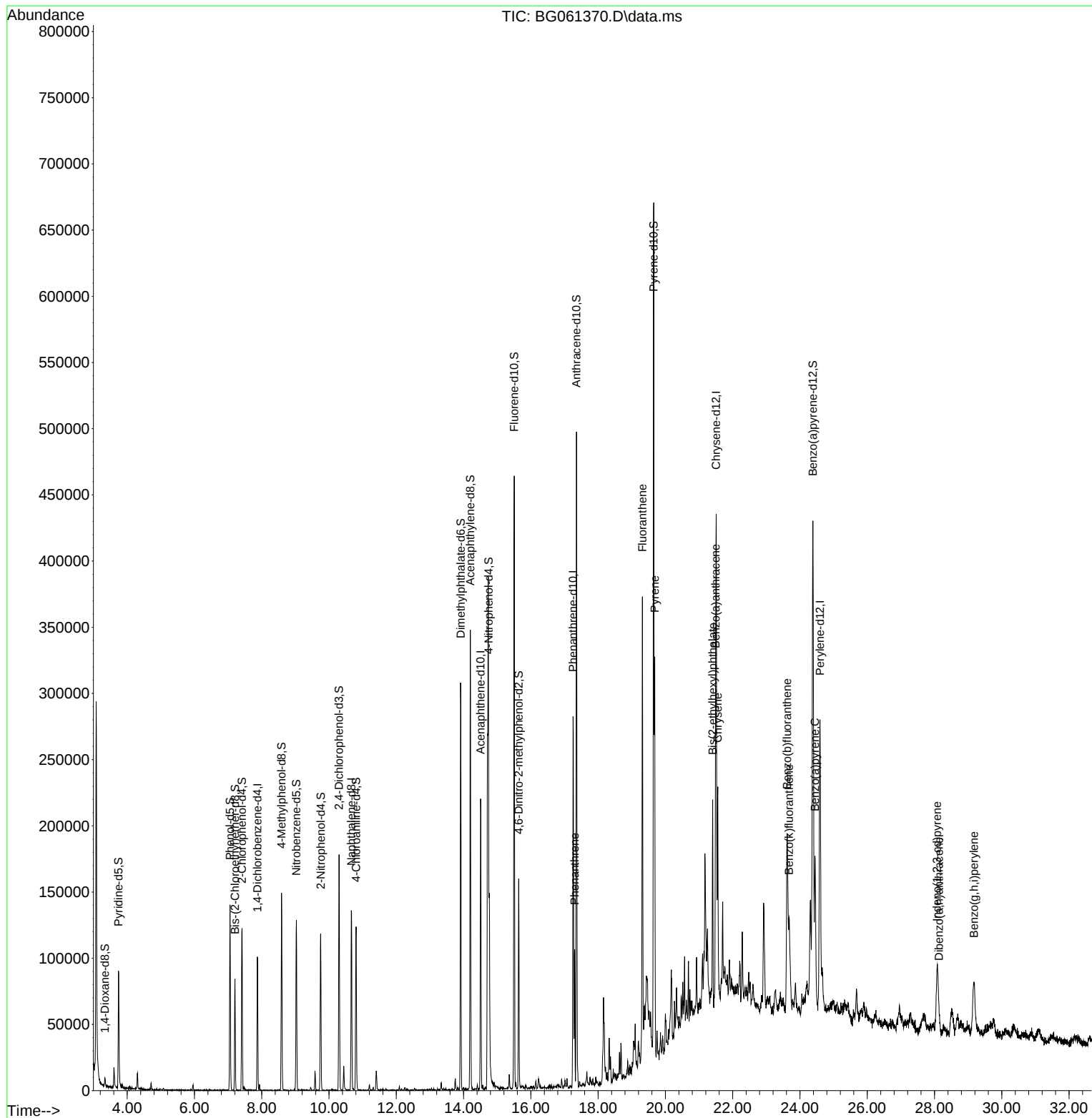
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061370.D
 Acq On : 30 May 2024 21:58
 Operator : MA/JU
 Sample : P2570-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

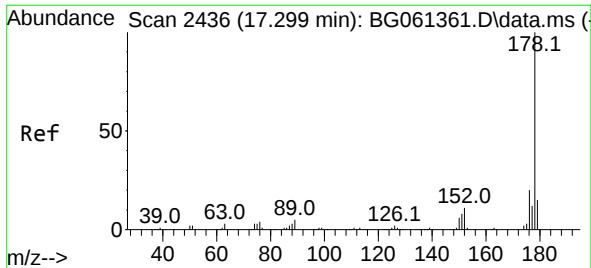
Instrument :
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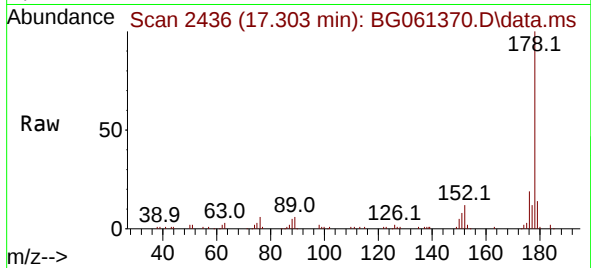
Quant Time: May 30 23:21:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 7.415 ng/ul
RT: 17.303 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

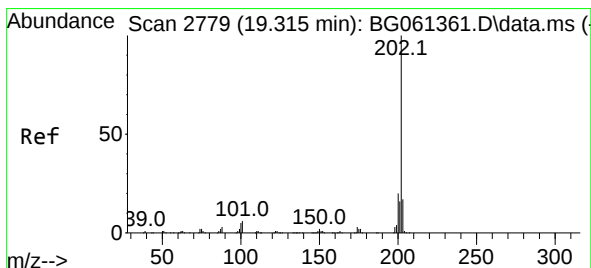
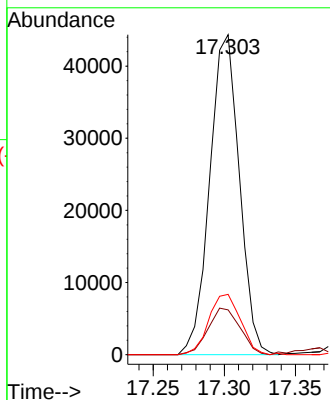
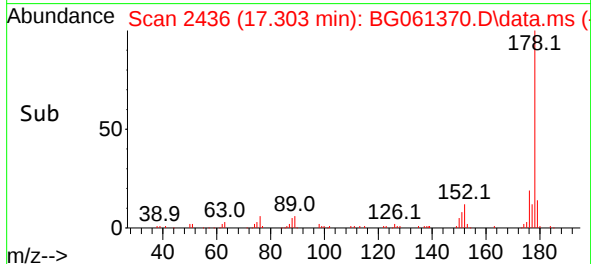
Instrument :
BNA_G
ClientSampleId :
BH653



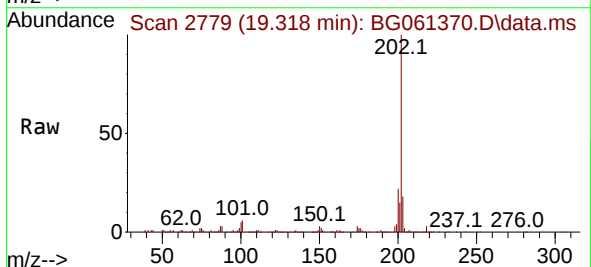
Tgt Ion:178 Resp: 6435
Ion Ratio Lower Upper
178 100
179 14.0 12.7 19.1
176 18.9 15.5 23.3

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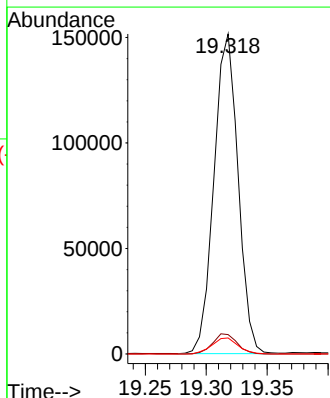
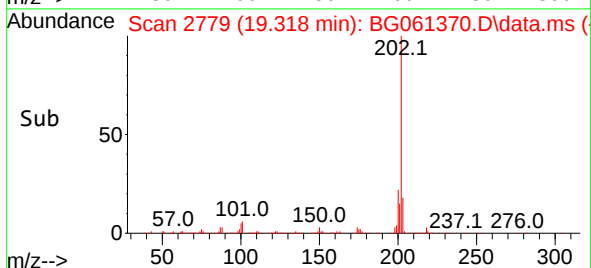
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

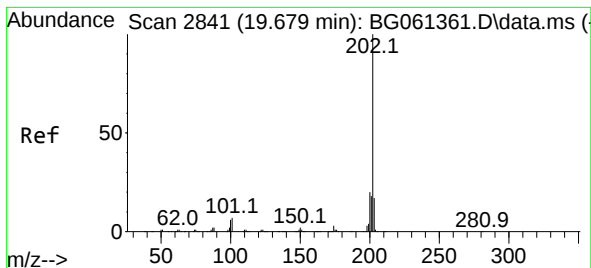


#80
Fluoranthene
Concen: 18.204 ng/ul
RT: 19.318 min Scan# 2779
Delta R.T. 0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58



Tgt Ion:202 Resp: 208314
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 5.0 4.1 6.1





#82

Pyrene

Concen: 16.067 ng/u1

RT: 19.682 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG061370.D

Acq: 30 May 2024 21:58

Instrument :

BNA_G

ClientSampleId :

BH653

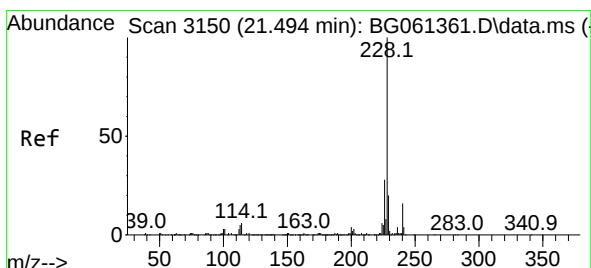
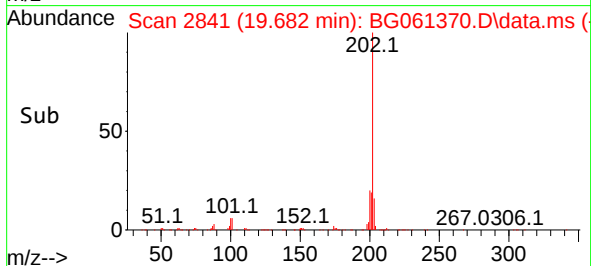
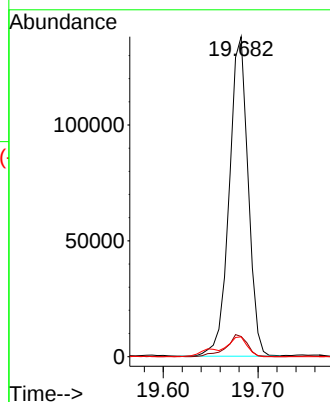
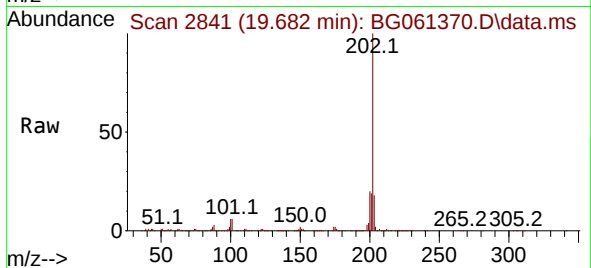
Tgt Ion:202 Resp: 190845

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.7	8.5
100	6.2	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 8.436 ng/u1

RT: 21.492 min Scan# 3149

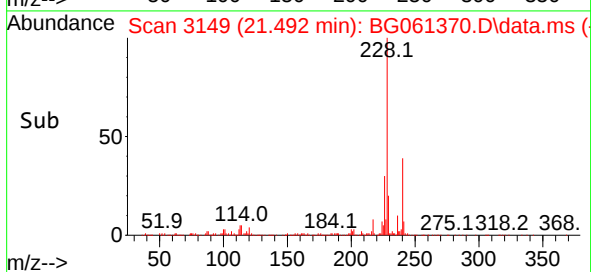
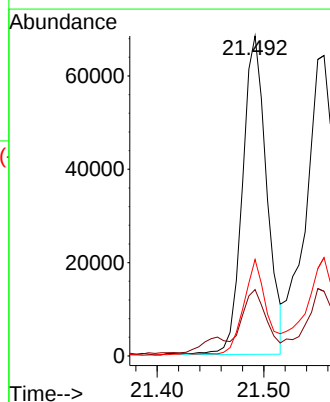
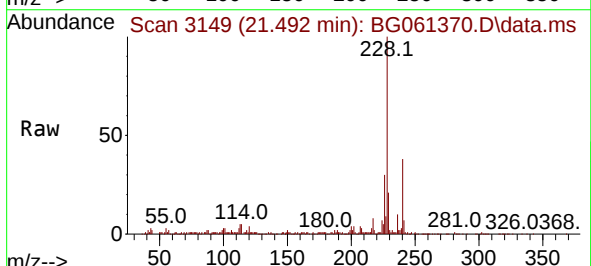
Delta R.T. -0.003 min

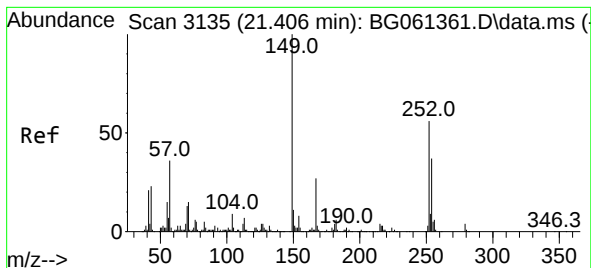
Lab File: BG061370.D

Acq: 30 May 2024 21:58

Tgt Ion:228 Resp: 108141

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.2	22.8
226	30.2	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.997 ng/ul

RT: 21.404 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG061370.D

Acq: 30 May 2024 21:58

Instrument :

BNA_G

ClientSampleId :

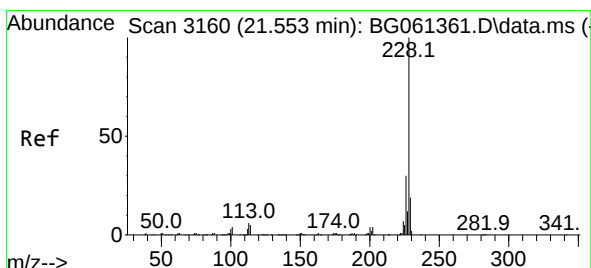
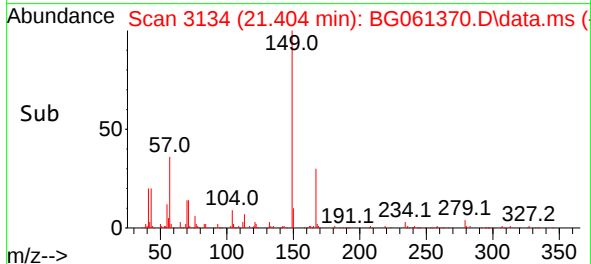
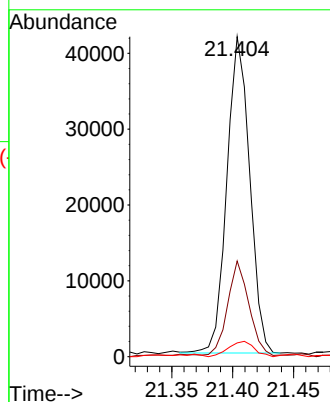
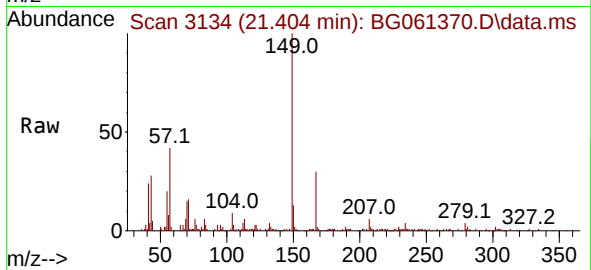
BH653

Tgt Ion:149	Resp:	54340
Ion Ratio	Lower	Upper
149	100	
167	29.9	21.1 31.7
279	4.3	3.3 4.9

Manual Integrations

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#87

Chrysene

Concen: 10.142 ng/ul

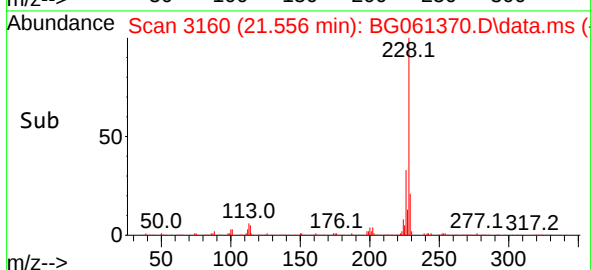
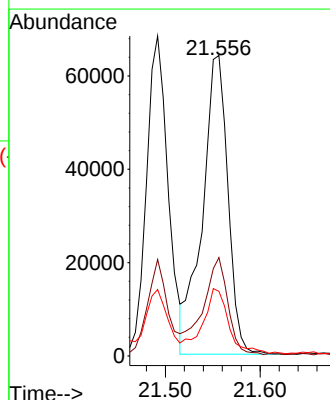
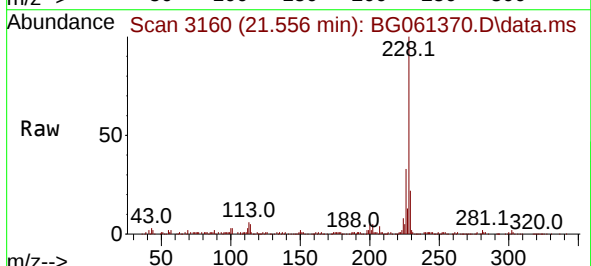
RT: 21.556 min Scan# 3160

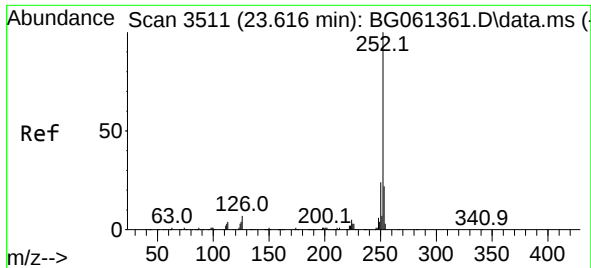
Delta R.T. 0.003 min

Lab File: BG061370.D

Acq: 30 May 2024 21:58

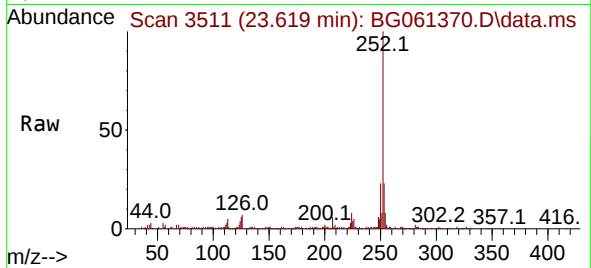
Tgt Ion:228	Resp:	119713
Ion Ratio	Lower	Upper
228	100	
226	32.7	23.4 35.0
229	21.5	15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 13.297 ng/ul
RT: 23.619 min Scan# 3511
Delta R.T. 0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

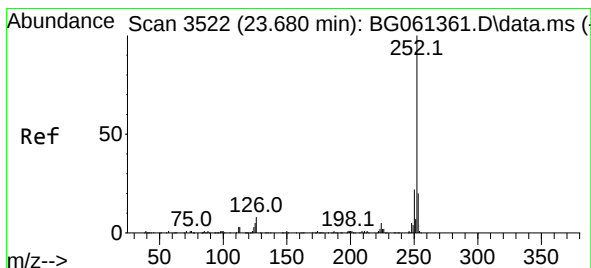
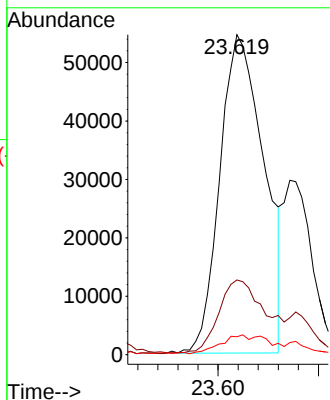
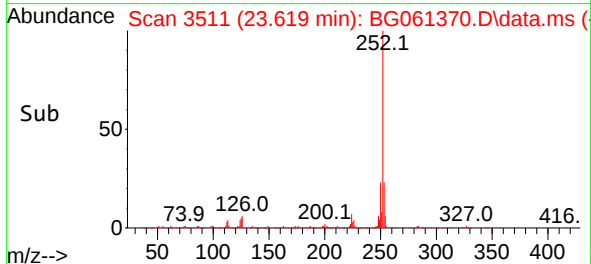
Instrument :
BNA_G
ClientSampleId :
BH653



Tgt Ion:252 Resp: 166049
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.6 4.6 6.8

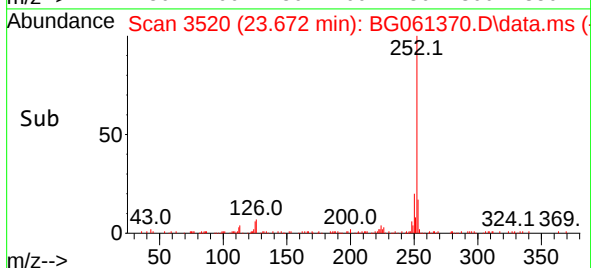
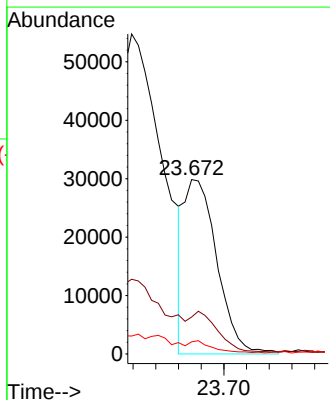
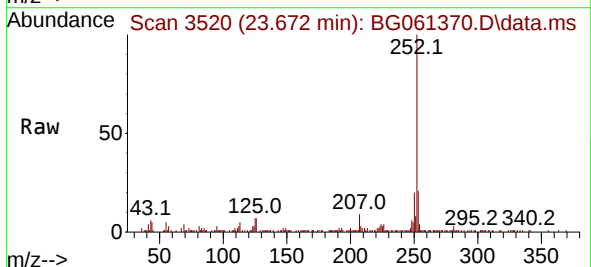
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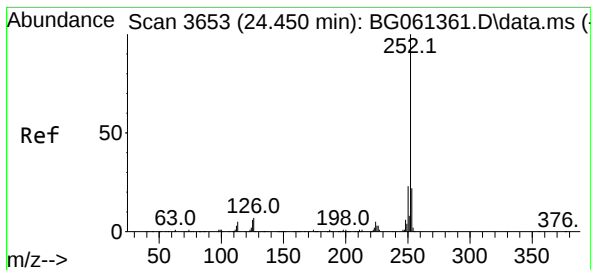
Reviewed By :Jagrut Upadhyay 05/31/2024
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#91
Benzo(k)fluoranthene
Concen: 4.749 ng/ul m
RT: 23.672 min Scan# 3520
Delta R.T. -0.009 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

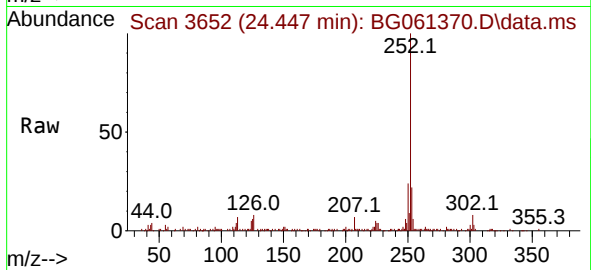
Tgt Ion:252 Resp: 60204
Ion Ratio Lower Upper
252 100
253 21.2 16.0 24.0
125 7.0 4.3 6.5





#93
Benzo(a)pyrene
Concen: 9.712 ng/u1
RT: 24.447 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

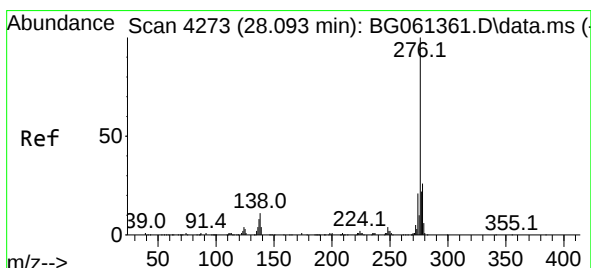
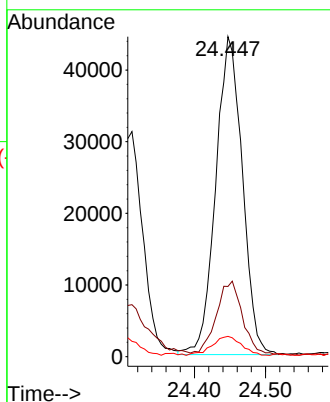
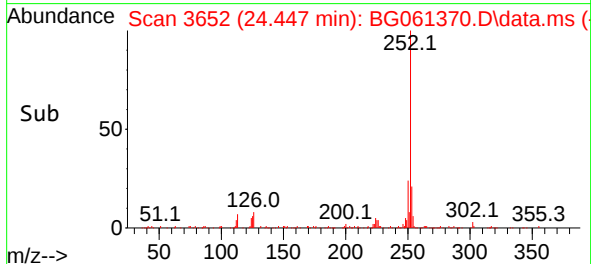
Instrument :
BNA_G
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BH653



Tgt Ion:252 Resp: 115164
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 6.3 4.3 6.5

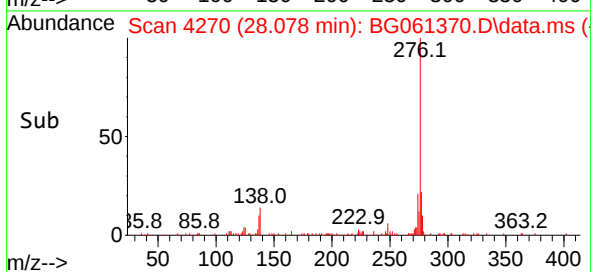
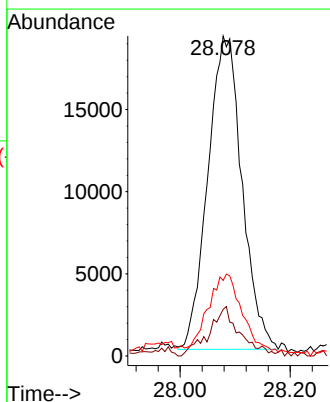
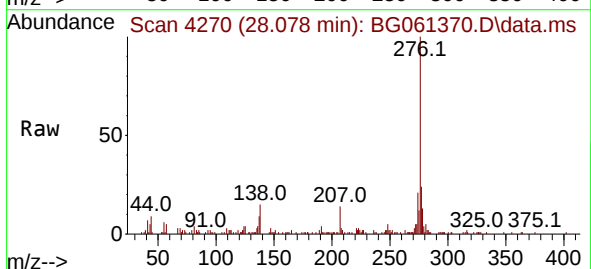
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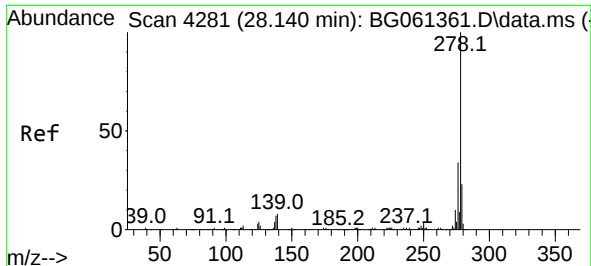
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.726 ng/u1
RT: 28.078 min Scan# 4270
Delta R.T. -0.014 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

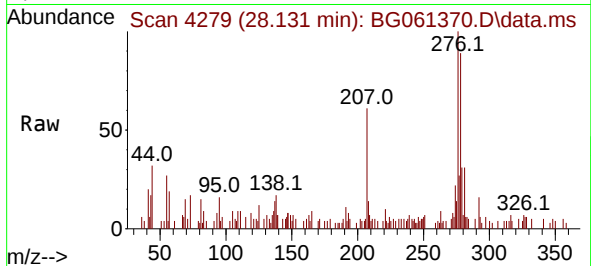
Tgt Ion:276 Resp: 82104
Ion Ratio Lower Upper
276 100
138 14.6 8.6 13.0#
277 23.6 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.820 ng/ul m
RT: 28.131 min Scan# 4279
Delta R.T. -0.009 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

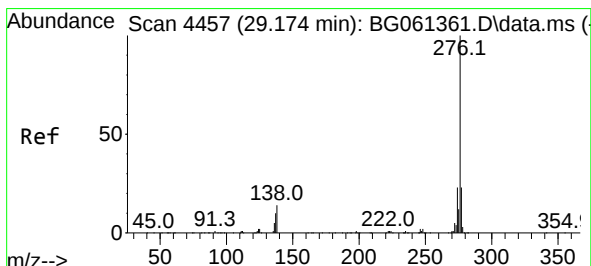
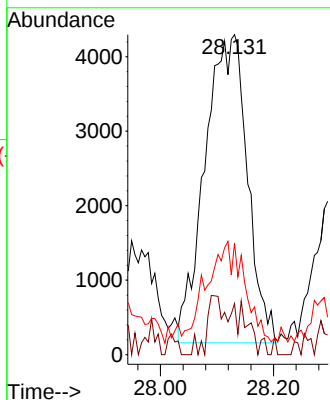
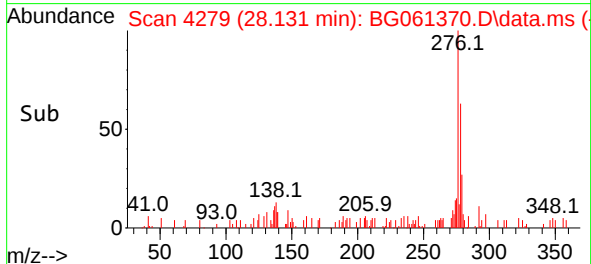
Instrument :
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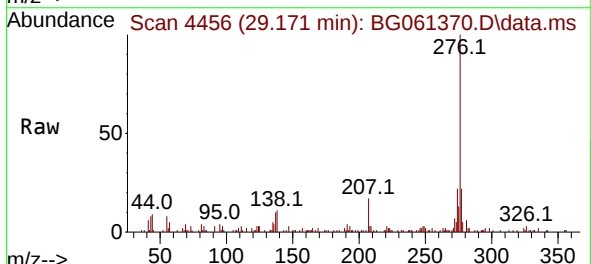
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Ion Ratio Lower Upper
278 100
139 8.2 6.4 9.6
279 34.9 19.9 29.9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/31/2024
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#96
Benzo(g,h,i)perylene
Concen: 7.136 ng/ul
RT: 29.171 min Scan# 4456
Delta R.T. -0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58



Tgt Ion:276 Resp: 81409
Ion Ratio Lower Upper
276 100
138 10.8 8.7 13.1
277 21.6 18.2 27.2

