

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061355.D
 Acq On : 30 May 2024 9:45
 Operator : MA/JU
 Sample : P2571-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6A4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 02:16:21 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	7.882	152	22981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.673	136	97496	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	72563	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	162721	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.513	240	172064	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	187621	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	2099	5.111	ng/uL	0.01
4) Pyridine-d5	3.752	84	17245	11.804	ng/u1	0.01
7) Phenol-d5	7.066	99	54361	28.805	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.213	67	34304	28.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	44158	31.616	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	42341	26.312	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	22709	30.252	ng/u1	0.01
24) 2-Nitrophenol-d4	9.757	143	26752	30.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	53336	31.142	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	53304	23.789	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	165578	29.421	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	186798	31.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	16400	23.571	ng/u1	0.01
60) Fluorene-d10	15.509	176	147850	30.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	14676	14.912	ng/u1	0.00
73) Anthracene-d10	17.365	188	231783	32.309	ng/u1	0.00
81) Pyrene-d10	19.657	212	287905	32.588	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	318934	35.358	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	43654	5.527	ng/u1	96
80) Fluoranthene	19.322	202	90688	8.557	ng/u1	99
82) Pyrene	19.686	202	96924	8.810	ng/u1	97
85) Benzo(a)anthracene	21.496	228	52083	4.387	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	21.408	149	17686	3.162	ng/u1	93
87) Chrysene	21.560	228	64040	5.858	ng/u1	95
90) Benzo(b)fluoranthene	23.629	252	79973	7.159	ng/u1#	98
91) Benzo(k)fluoranthene	23.676	252	24697m	2.178	ng/u1	
93) Benzo(a)pyrene	24.457	252	52614	4.960	ng/u1#	99
94) Indeno(1,2,3-cd)pyrene	28.088	276	31761m	2.476	ng/u1	
96) Benzo(g,h,i)perylene	29.181	276	32788m	3.213	ng/u1	

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

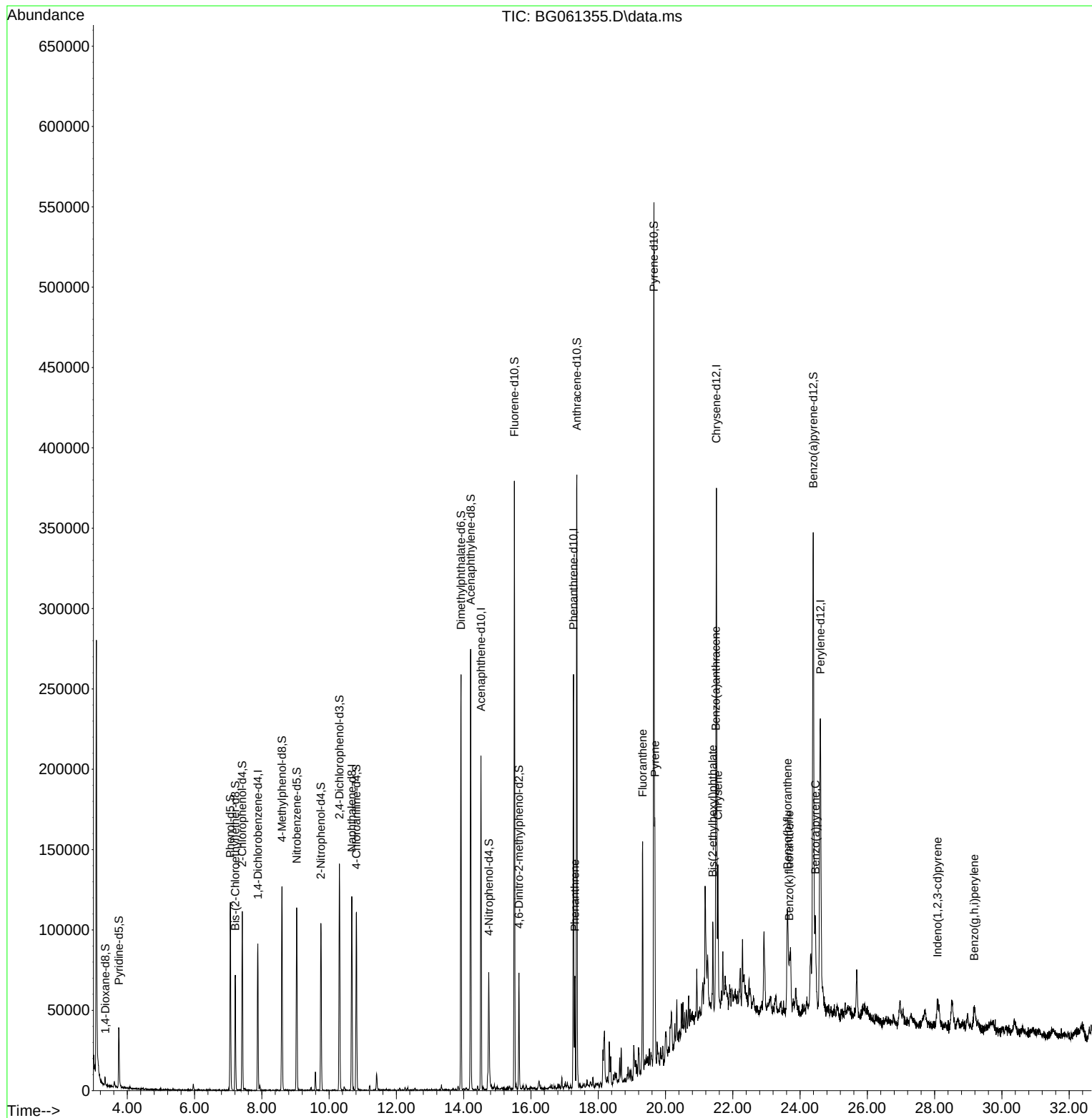
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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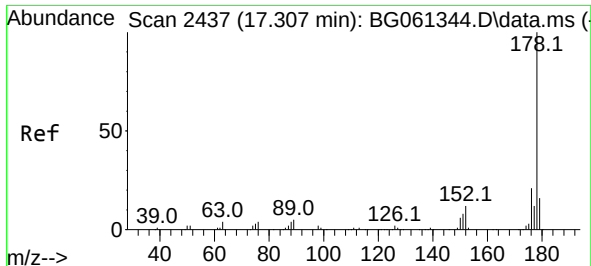
Instrument :
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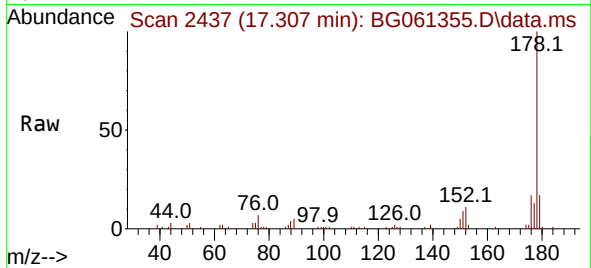
Quant Time: May 31 02:16:21 2024
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#72
Phenanthrene
Concen: 5.527 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061355.D
Acq: 30 May 2024 9:45

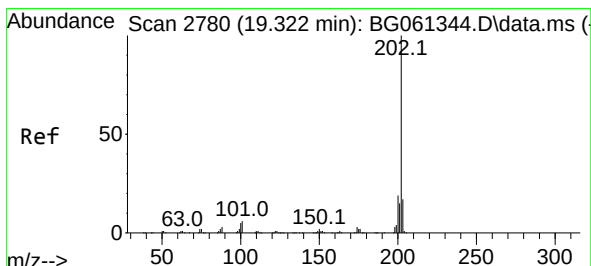
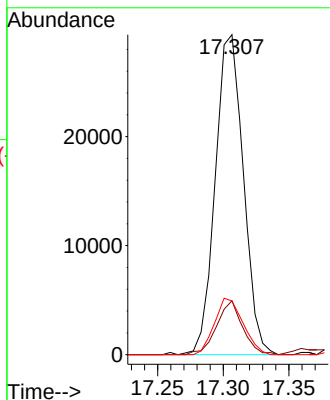
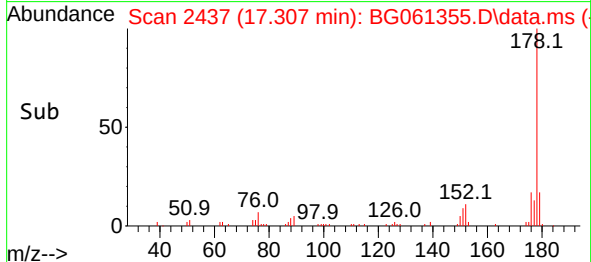
Instrument :
BNA_G
ClientSampleId :
BH6A4



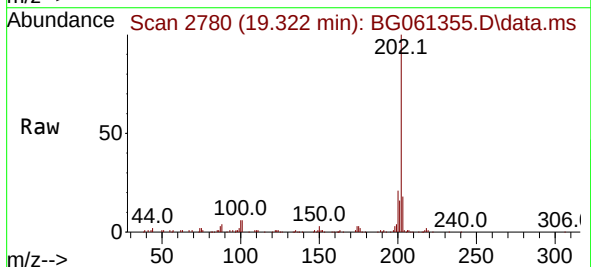
Tgt Ion:178 Resp: 43654
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 16.8 15.5 23.3

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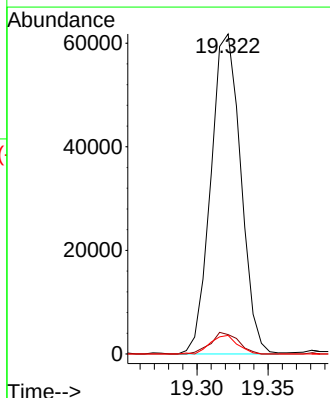
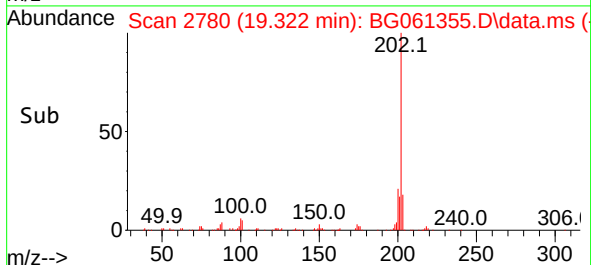
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

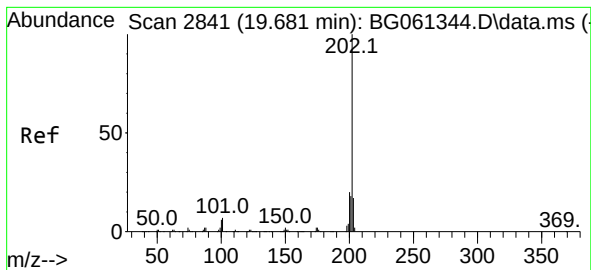


#80
Fluoranthene
Concen: 8.557 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. 0.007 min
Lab File: BG061355.D
Acq: 30 May 2024 9:45



Tgt Ion:202 Resp: 90688
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 5.8 4.1 6.1





#82

Pyrene

Concen: 8.810 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

Instrument :

BNA_G

ClientSampleId :

BH6A4

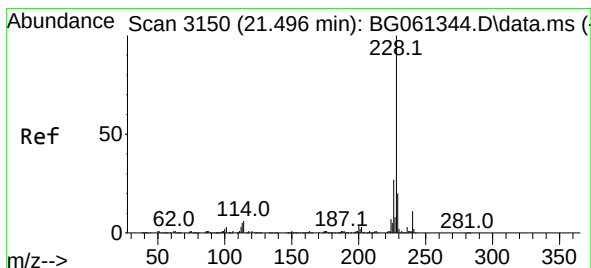
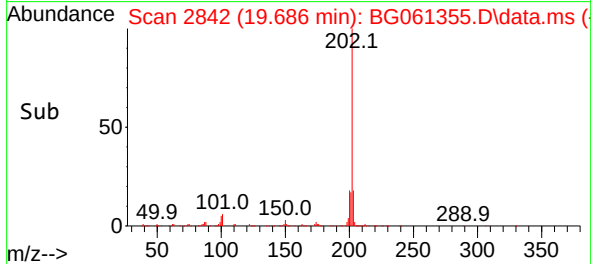
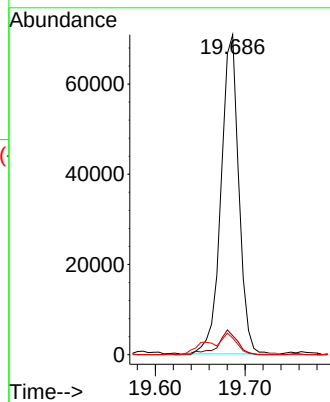
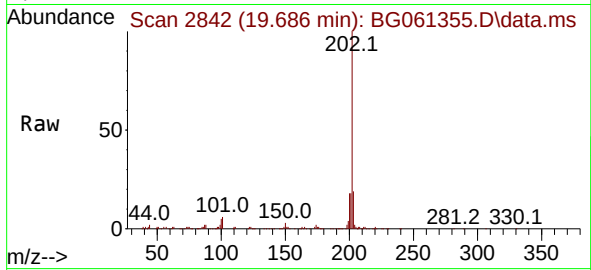
Tgt Ion:	202	Resp:	96924
Ion Ratio	Lower	Upper	
202	100		
101	6.0	5.7	8.5
100	5.2	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 4.387 ng/ul

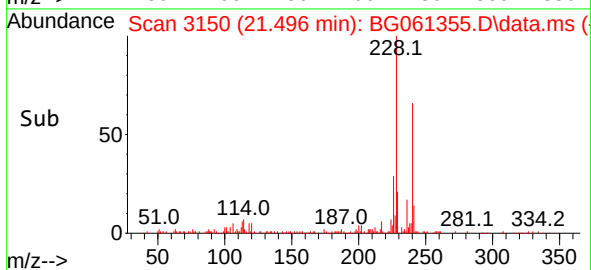
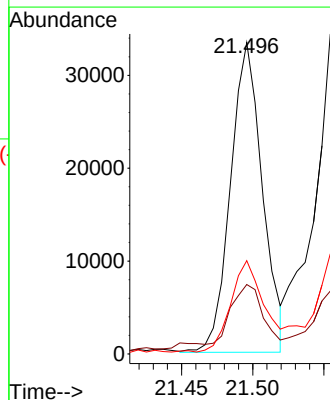
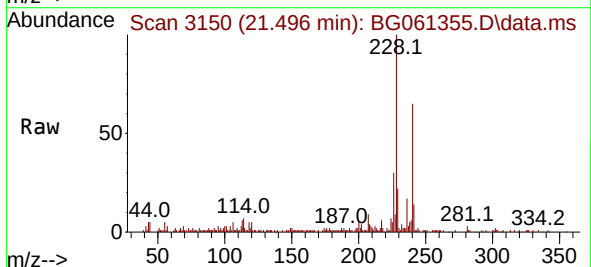
RT: 21.496 min Scan# 3150

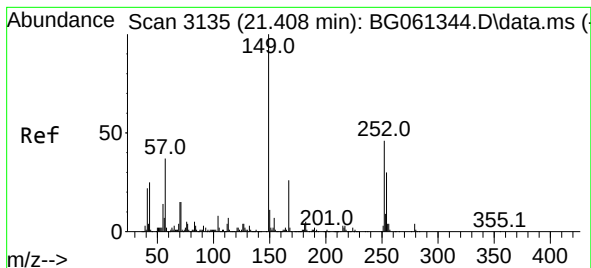
Delta R.T. 0.001 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

Tgt Ion:	228	Resp:	52083
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.2	22.8
226	30.0	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 3.162 ng/ul

RT: 21.408 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

Instrument :

BNA_G

ClientSampleId :

BH6A4

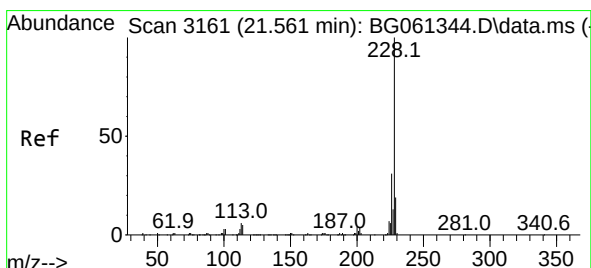
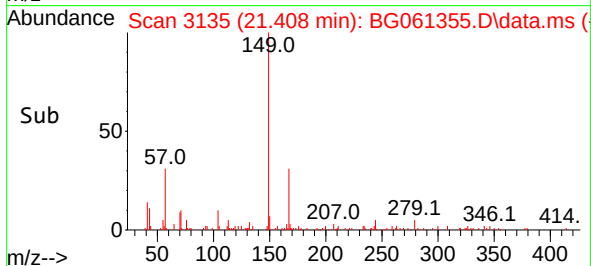
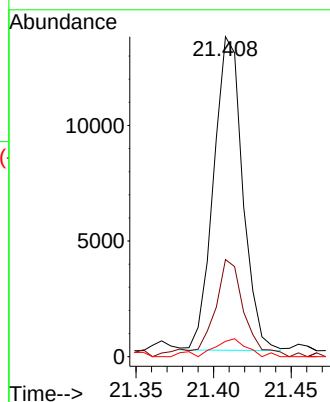
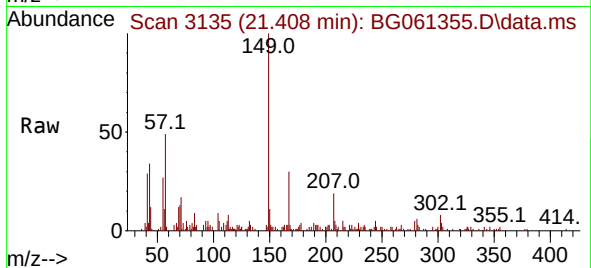
Tgt Ion:	149	Resp:	17680
Ion Ratio	Lower	Upper	
149	100		
167	30.3	21.1	31.7
279	4.8	3.3	4.9

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#87

Chrysene

Concen: 5.858 ng/ul

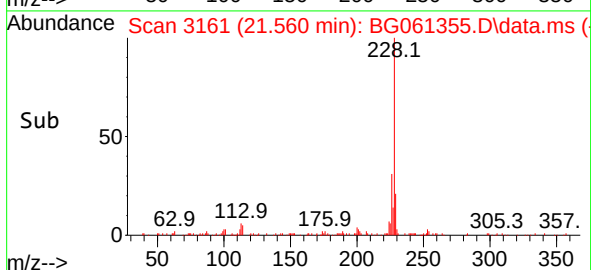
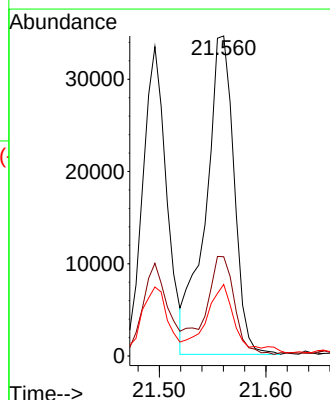
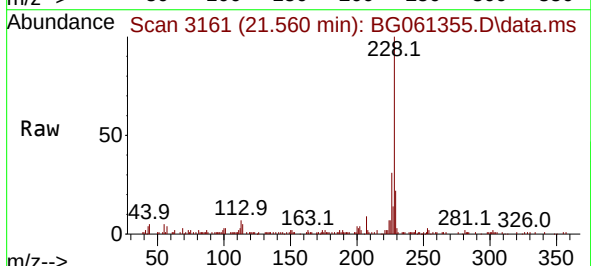
RT: 21.560 min Scan# 3161

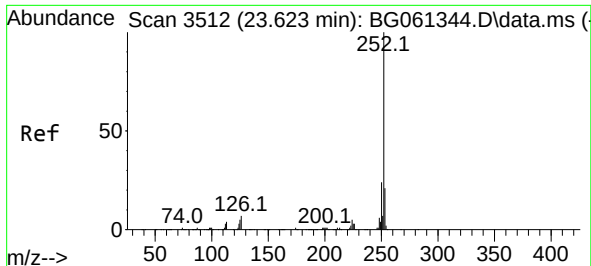
Delta R.T. 0.007 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

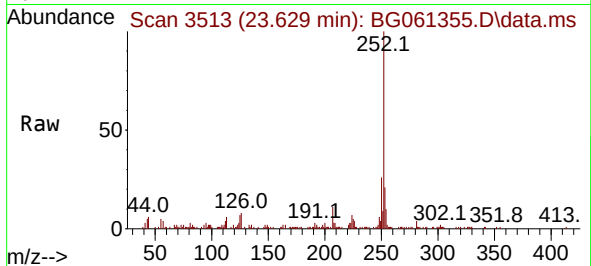
Tgt Ion:	228	Resp:	64040
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	22.3	15.4	23.2





#90
Benzo(b)fluoranthene
Concen: 7.159 ng/ul
RT: 23.629 min Scan# 3512
Delta R.T. 0.013 min
Lab File: BG061355.D
Acq: 30 May 2024 9:45

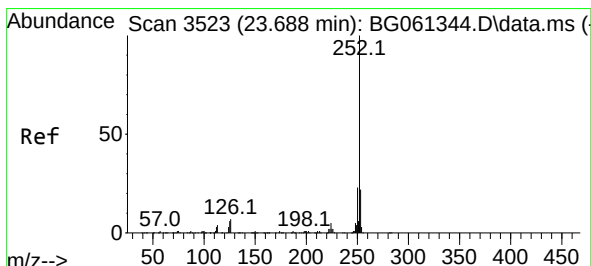
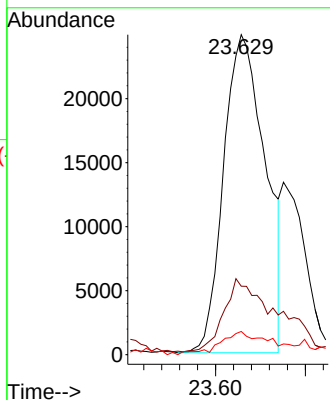
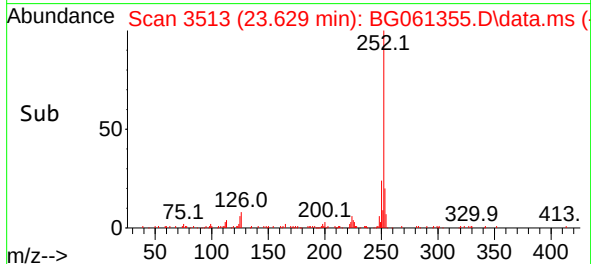
Instrument :
BNA_G
ClientSampleId :
BH6A4



Tgt Ion:252 Resp: 7997
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.2 4.6 6.8

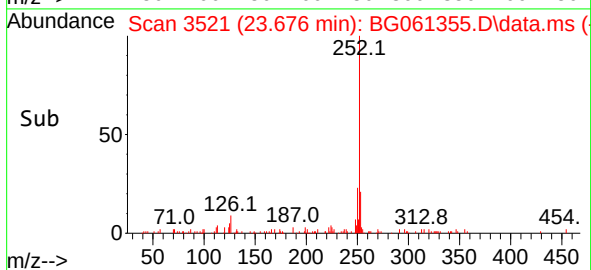
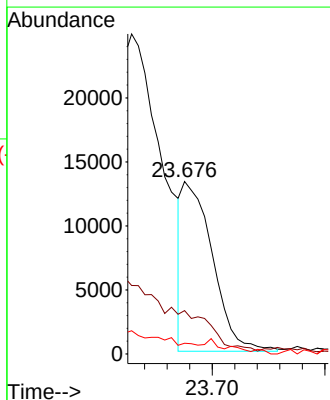
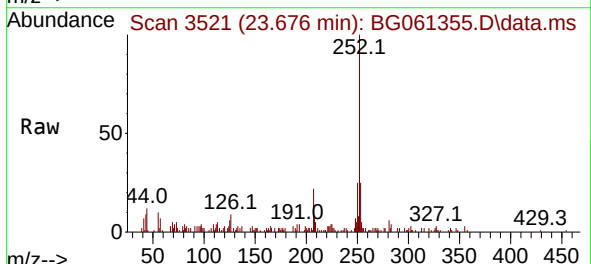
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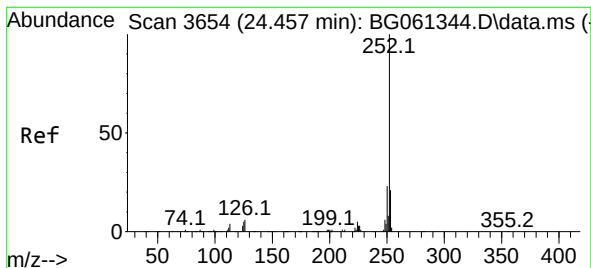
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024



#91
Benzo(k)fluoranthene
Concen: 2.178 ng/ul m
RT: 23.676 min Scan# 3521
Delta R.T. -0.005 min
Lab File: BG061355.D
Acq: 30 May 2024 9:45

Tgt Ion:252 Resp: 24697
Ion Ratio Lower Upper
252 100
253 25.1 16.0 24.0#
125 6.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 4.960 ng/ul

RT: 24.457 min Scan# 30

Delta R.T. 0.007 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

Instrument :

BNA_G

ClientSampleId :

BH6A4

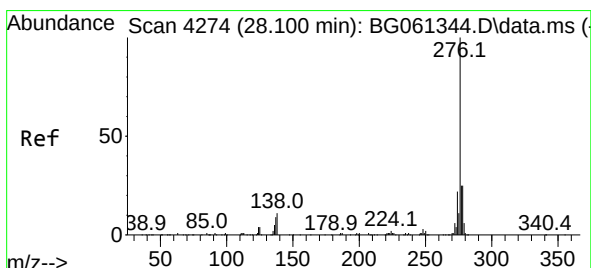
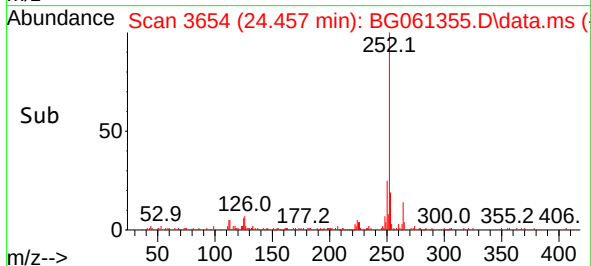
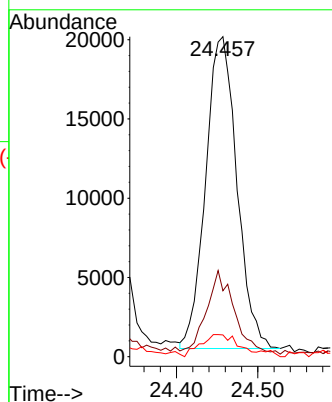
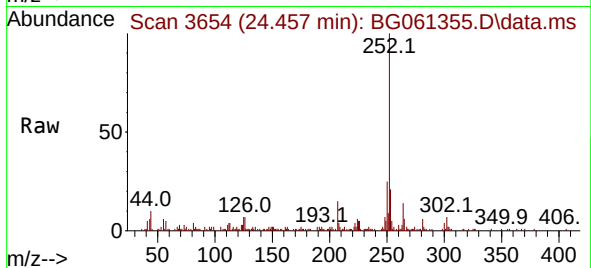
Tgt Ion:	252	Resp:	52614
Ion Ratio	Lower	Upper	
252	100		
253	20.6	16.4	24.6
125	6.8	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.476 ng/ul m

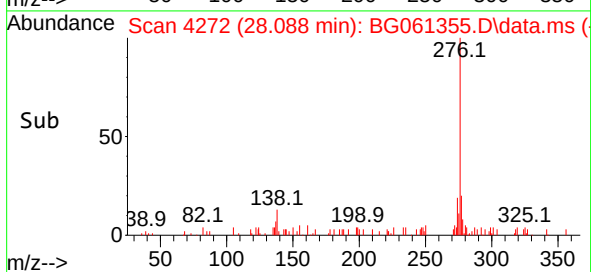
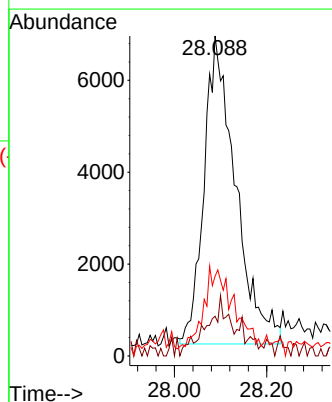
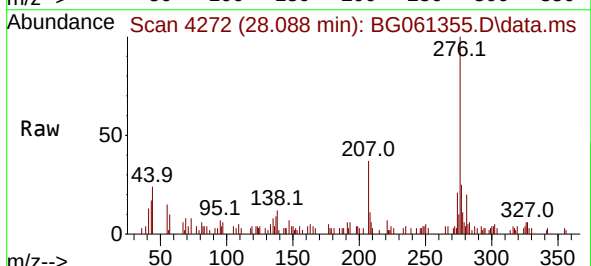
RT: 28.088 min Scan# 4272

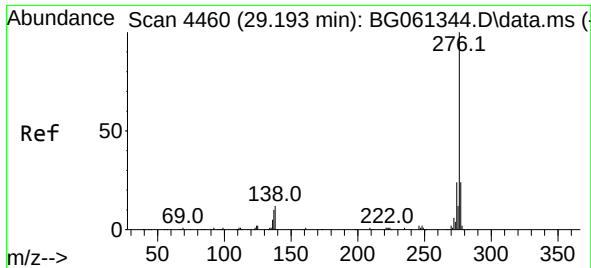
Delta R.T. -0.005 min

Lab File: BG061355.D

Acq: 30 May 2024 9:45

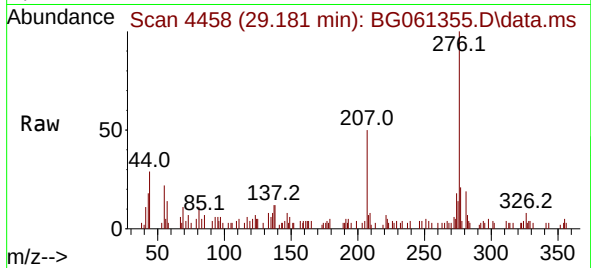
Tgt Ion:	276	Resp:	31761
Ion Ratio	Lower	Upper	
276	100		
138	12.4	8.6	13.0
277	24.9	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 3.213 ng/ul m
RT: 29.181 min Scan# 44
Delta R.T. 0.007 min
Lab File: BG061355.D
Acq: 30 May 2024 9:45

Instrument :
BNA_G
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Tgt Ion:276 Resp: 3278
Ion Ratio Lower Upper
276 100
138 12.4 8.7 13.1
277 21.4 18.2 27.2

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