

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:22:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	52897	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	246506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	161235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	354651	20.000	ng/u1	0.00
79) Chrysene-d12	21.573	240	288078	20.000	ng/u1	0.00
88) Perylene-d12	24.746	264	349611	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	5682	3.761	ng/uL	0.00
4) Pyridine-d5	3.788	84	37796	8.241	ng/u1	0.00
7) Phenol-d5	7.108	99	127795	23.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	78020	23.966	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	94929	25.479	ng/u1	0.00
15) 4-Methylphenol-d8	8.647	113	90495	22.201	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	49183	24.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	53352	25.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	101257	24.997	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	78506	12.783	ng/u1	0.00
46) Dimethylphthalate-d6	13.976	166	312347	24.552	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	360785	25.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	42763	19.026	ng/u1	0.00
60) Fluorene-d10	15.568	176	279832	25.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	34774	18.057	ng/u1	0.00
73) Anthracene-d10	17.413	188	385843	23.446	ng/u1	0.00
81) Pyrene-d10	19.705	212	497484	27.420	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	501027	28.129	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.360	178	18567	1.029	ng/u1	98
80) Fluoranthene	19.370	202	53935	2.565	ng/u1	99
82) Pyrene	19.734	202	44946	2.124	ng/u1	98
85) Benzo(a)anthracene	21.549	228	29338m	1.418	ng/u1	
87) Chrysene	21.614	228	37565	1.937	ng/u1	96
90) Benzo(b)fluoranthene	23.729	252	59417	2.745	ng/u1	98
91) Benzo(k)fluoranthene	23.788	252	22583m	1.064	ng/u1	
93) Benzo(a)pyrene	24.587	252	33763	1.762	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.347	276	27499m	1.081	ng/u1	
96) Benzo(g,h,i)perylene	29.481	276	21586m	1.039	ng/u1	

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

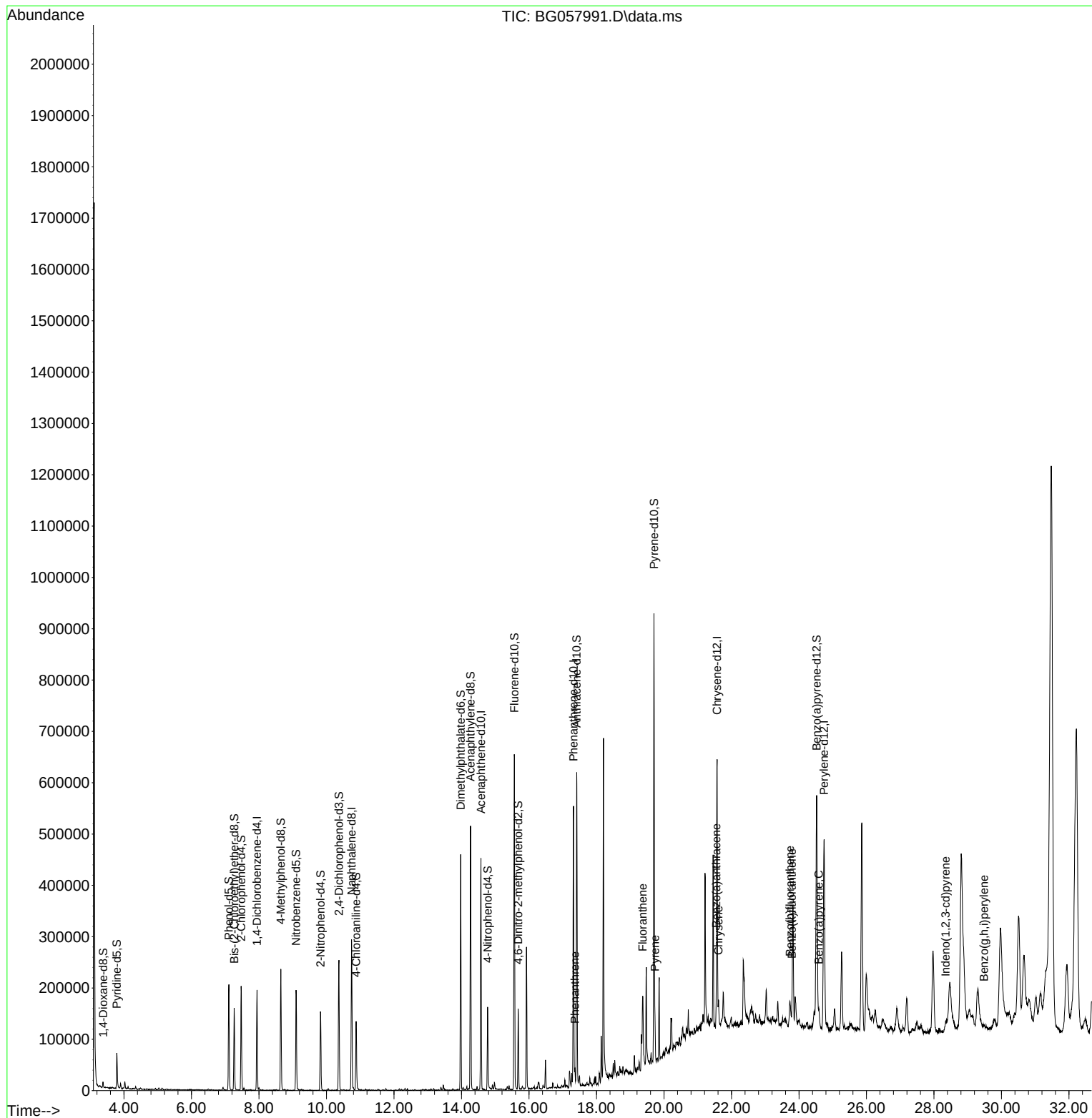
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057991.D
Acq On : 4 Jul 2023 17:34
Operator : CG/JU
Sample : 03248-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

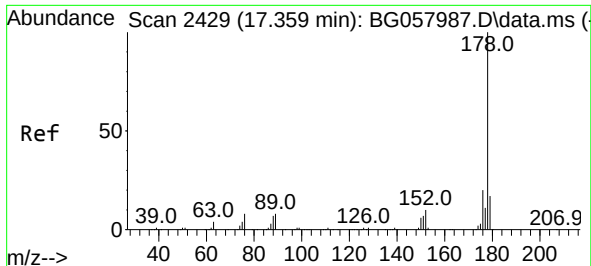
Instrument :
BNA_G
ClientSampleId :
DCGN3

Quant Time: Jul 05 01:22:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
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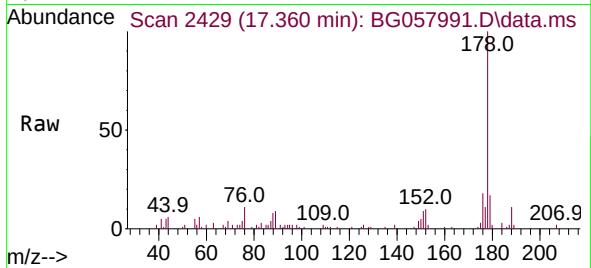
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#72
Phenanthrene
Concen: 1.029 ng/ul
RT: 17.360 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG057991.D
Acq: 4 Jul 2023 17:34

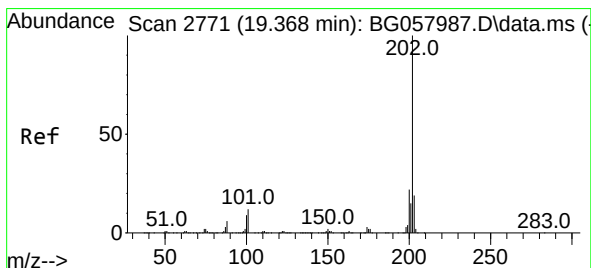
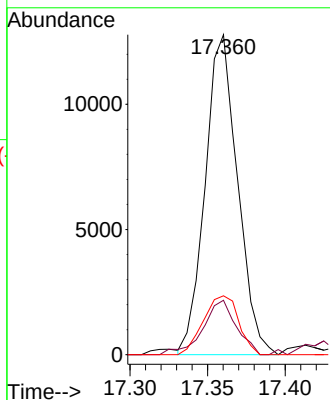
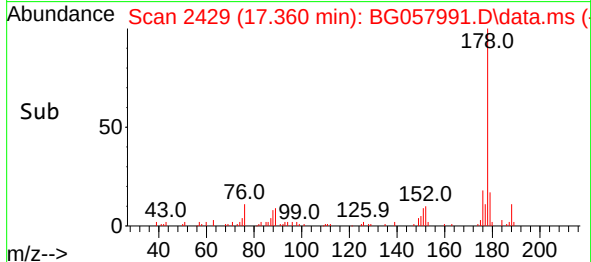
Instrument :
BNA_G
ClientSampleId :
DCGN3



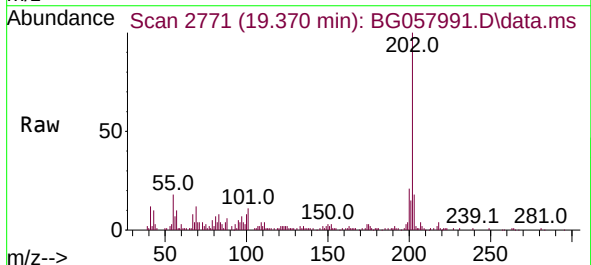
Tgt Ion:178 Resp: 1856
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 18.4 15.7 23.5

Manual Integrations
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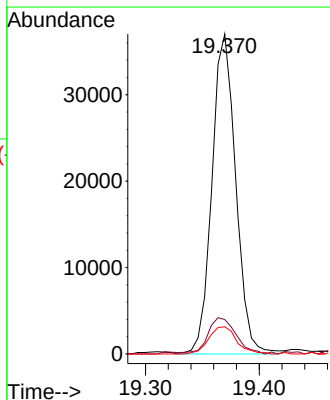
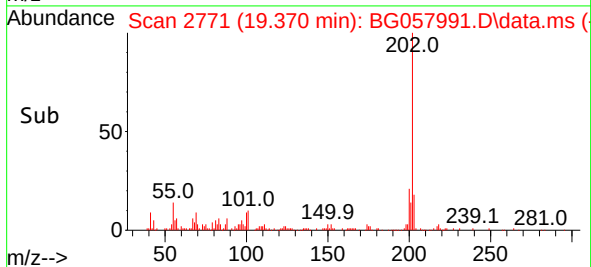
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

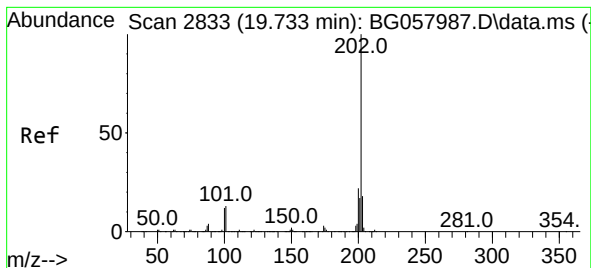


#80
Fluoranthene
Concen: 2.565 ng/ul
RT: 19.370 min Scan# 2771
Delta R.T. 0.001 min
Lab File: BG057991.D
Acq: 4 Jul 2023 17:34



Tgt Ion:202 Resp: 53935
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.5 7.1 10.7





#82

Pyrene

Concen: 2.124 ng/ul

RT: 19.734 min Scan# 2833

Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Instrument :

BNA_G

ClientSampleId :

DCGN3

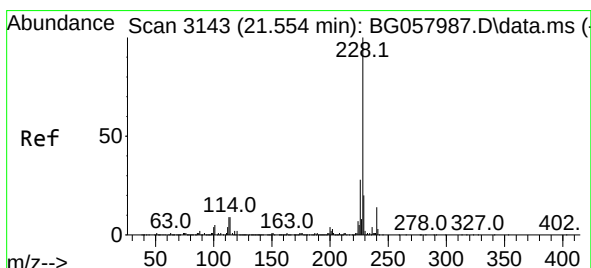
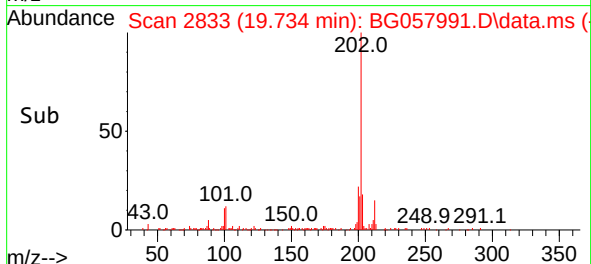
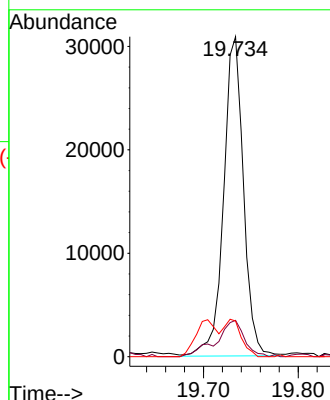
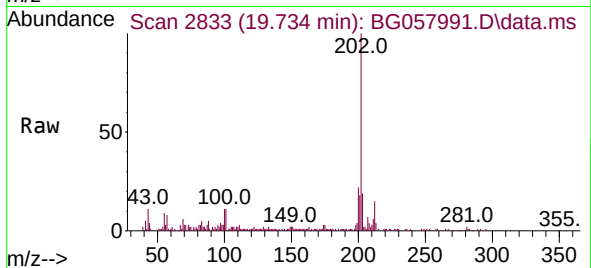
Tgt Ion:202 Resp: 44940
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.2 15.2
 100 11.1 8.9 13.3

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#85

Benzo(a)anthracene

Concen: 1.418 ng/ul m

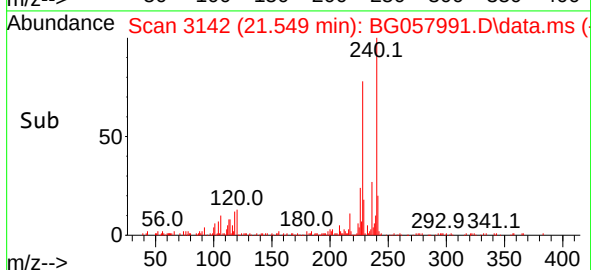
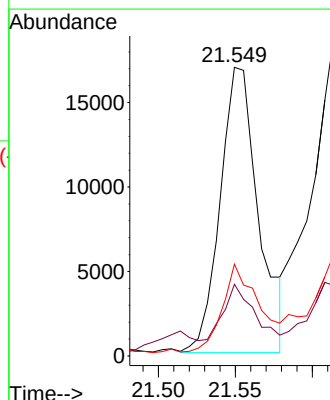
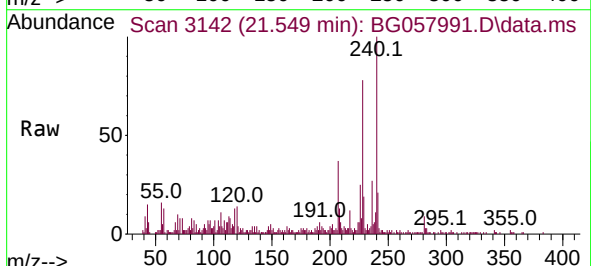
RT: 21.549 min Scan# 3142

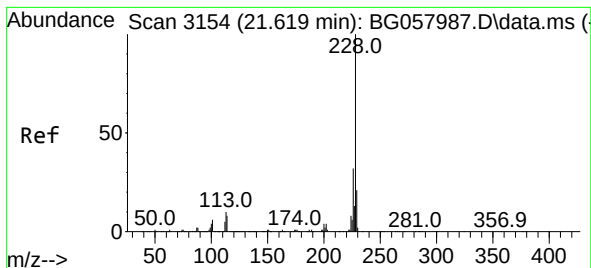
Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Tgt Ion:228 Resp: 29338
 Ion Ratio Lower Upper
 228 100
 229 24.8 16.0 24.0#
 226 31.8 22.0 33.0





#87

Chrysene

Concen: 1.937 ng/ul

RT: 21.614 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Instrument :

BNA_G

ClientSampleId :

DCGN3

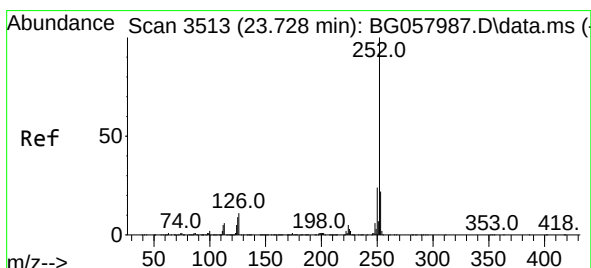
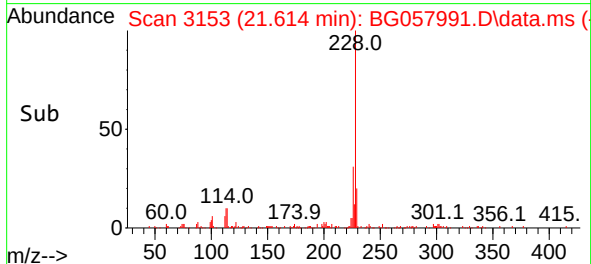
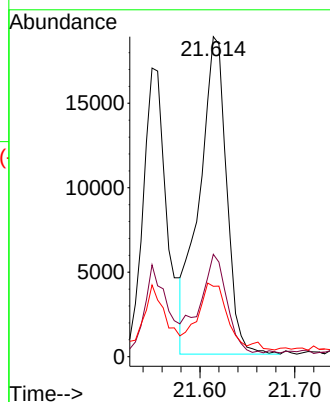
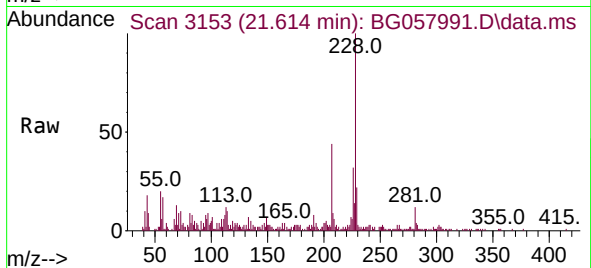
Tgt Ion:	228	Resp:	3756
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.4	36.6
229	22.0	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 2.745 ng/ul

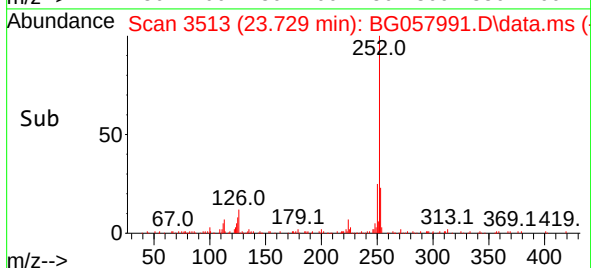
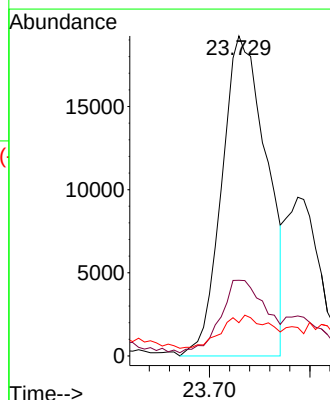
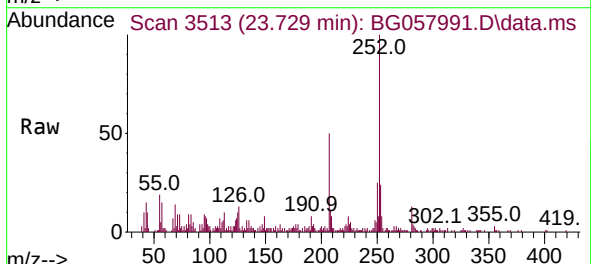
RT: 23.729 min Scan# 3513

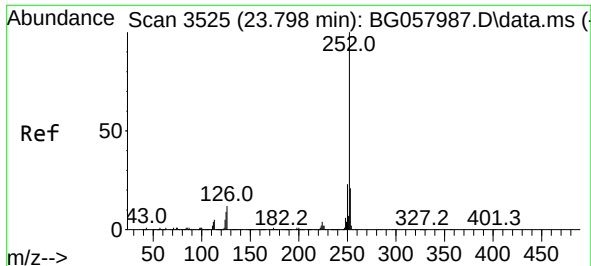
Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

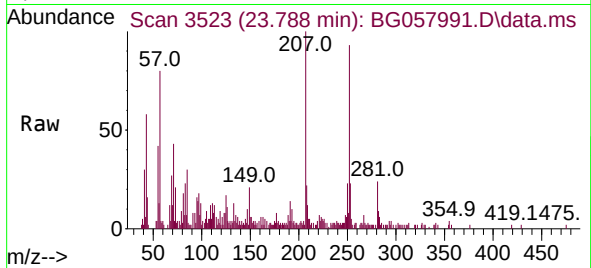
Tgt Ion:	252	Resp:	59417
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	10.4	7.5	11.3





#91
Benzo(k)fluoranthene
Concen: 1.064 ng/ul m
RT: 23.788 min Scan# 3525
Delta R.T. -0.005 min
Lab File: BG057991.D
Acq: 4 Jul 2023 17:34

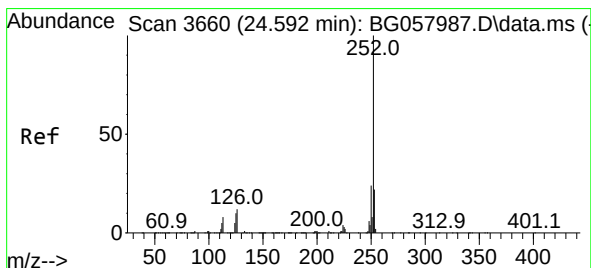
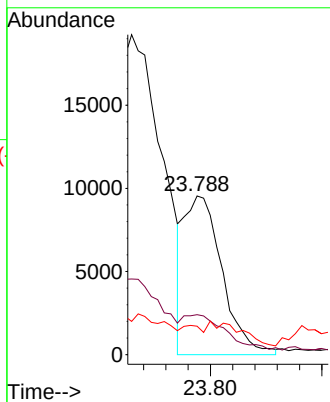
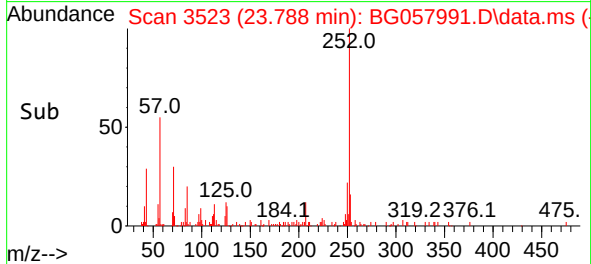
Instrument :
BNA_G
ClientSampleId :
DCGN3



Tgt Ion:252 Resp: 2258
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 18.0 7.4 11.2

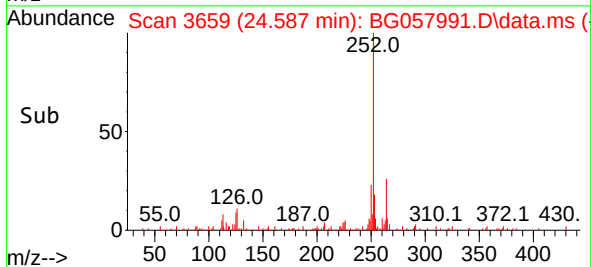
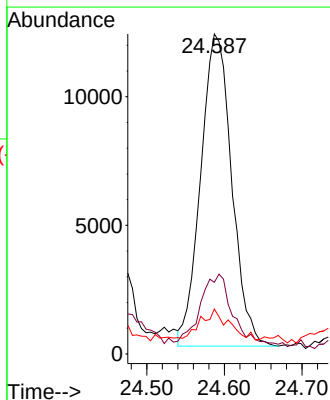
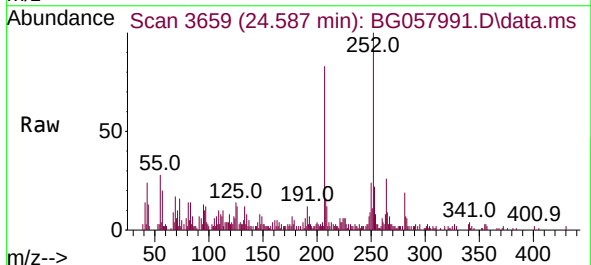
Manual Integrations
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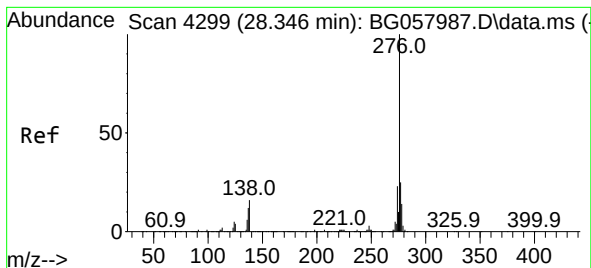
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#93
Benzo(a)pyrene
Concen: 1.762 ng/ul
RT: 24.587 min Scan# 3659
Delta R.T. 0.001 min
Lab File: BG057991.D
Acq: 4 Jul 2023 17:34

Tgt Ion:252 Resp: 33763
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 14.0 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.081 ng/ul m

RT: 28.347 min Scan# 4299

Delta R.T. 0.013 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Instrument :

BNA_G

ClientSampleId :

DCGN3

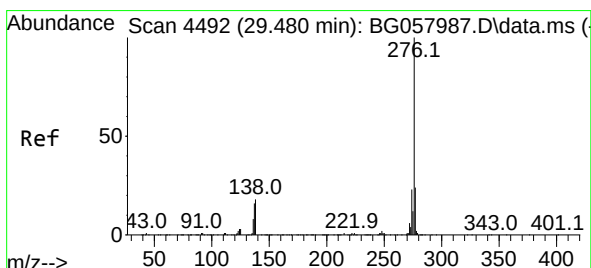
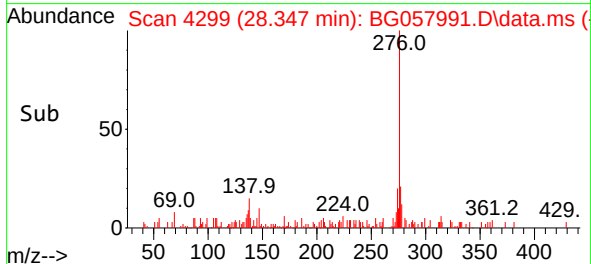
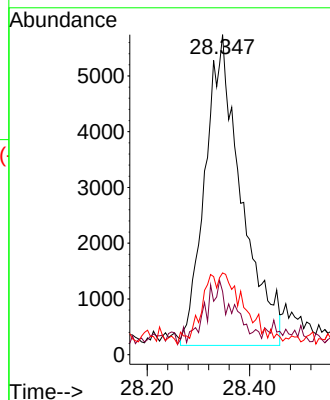
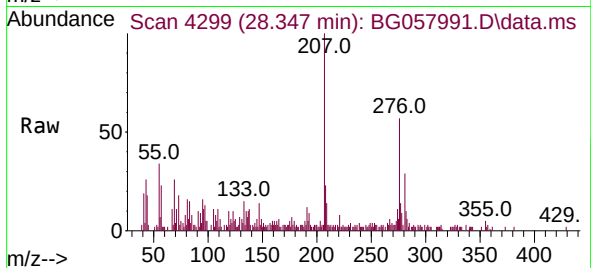
Tgt Ion:	276	Resp:	27499
Ion Ratio	Lower	Upper	
276	100		
138	19.8	14.0	21.0
277	25.5	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 1.039 ng/ul m

RT: 29.481 min Scan# 4492

Delta R.T. 0.013 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Tgt Ion:	276	Resp:	21586
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.2	21.2
277	31.4	18.6	27.8

