

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058009.D
 Acq On : 5 Jul 2023 6:52
 Operator : CG/JU
 Sample : 03248-11
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:52:54 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	52587	20.000	ng/u1	0.00
20) Naphthalene-d8	10.750	136	237372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	150151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	311009	20.000	ng/u1	0.00
79) Chrysene-d12	21.579	240	256103	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	306423	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	6460	4.302	ng/uL	0.00
4) Pyridine-d5	3.788	84	53512	11.737	ng/u1	0.00
7) Phenol-d5	7.107	99	140021	26.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	87121	26.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.478	132	107029	28.896	ng/u1	0.00
15) 4-Methylphenol-d8	8.653	113	91127	22.488	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	55507	28.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	61066	30.032	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	108714	27.871	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	54165	9.159	ng/u1	0.00
46) Dimethylphthalate-d6	13.982	166	316678	26.730	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	374030	28.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	41602	19.876	ng/u1	0.00
60) Fluorene-d10	15.568	176	278043	27.635	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	31977	18.935	ng/u1	0.00
73) Anthracene-d10	17.419	188	400451	27.748	ng/u1	0.00
81) Pyrene-d10	19.710	212	470617	29.177	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.540	264	473444	30.327	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.797	128	14763	1.107	ng/u1	96
72) Phenanthrene	17.366	178	179360	11.338	ng/u1	99
74) Anthracene	17.454	178	23642	1.477	ng/u1	98
80) Fluoranthene	19.375	202	522285	27.945	ng/u1	99
82) Pyrene	19.740	202	445761	23.694	ng/u1	99
85) Benzo(a)anthracene	21.555	228	271248	14.751	ng/u1	96
87) Chrysene	21.620	228	306842m	17.800	ng/u1	
90) Benzo(b)fluoranthene	23.753	252	524603	27.650	ng/u1	99
91) Benzo(k)fluoranthene	23.805	252	194872m	10.479	ng/u1	
93) Benzo(a)pyrene	24.605	252	322867	19.226	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.371	276	219819m	9.857	ng/u1	
95) Dibenzo(a,h)anthracene	28.430	278	50671m	2.756	ng/u1	
96) Benzo(g,h,i)perylene	29.511	276	155479m	8.536	ng/u1	

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

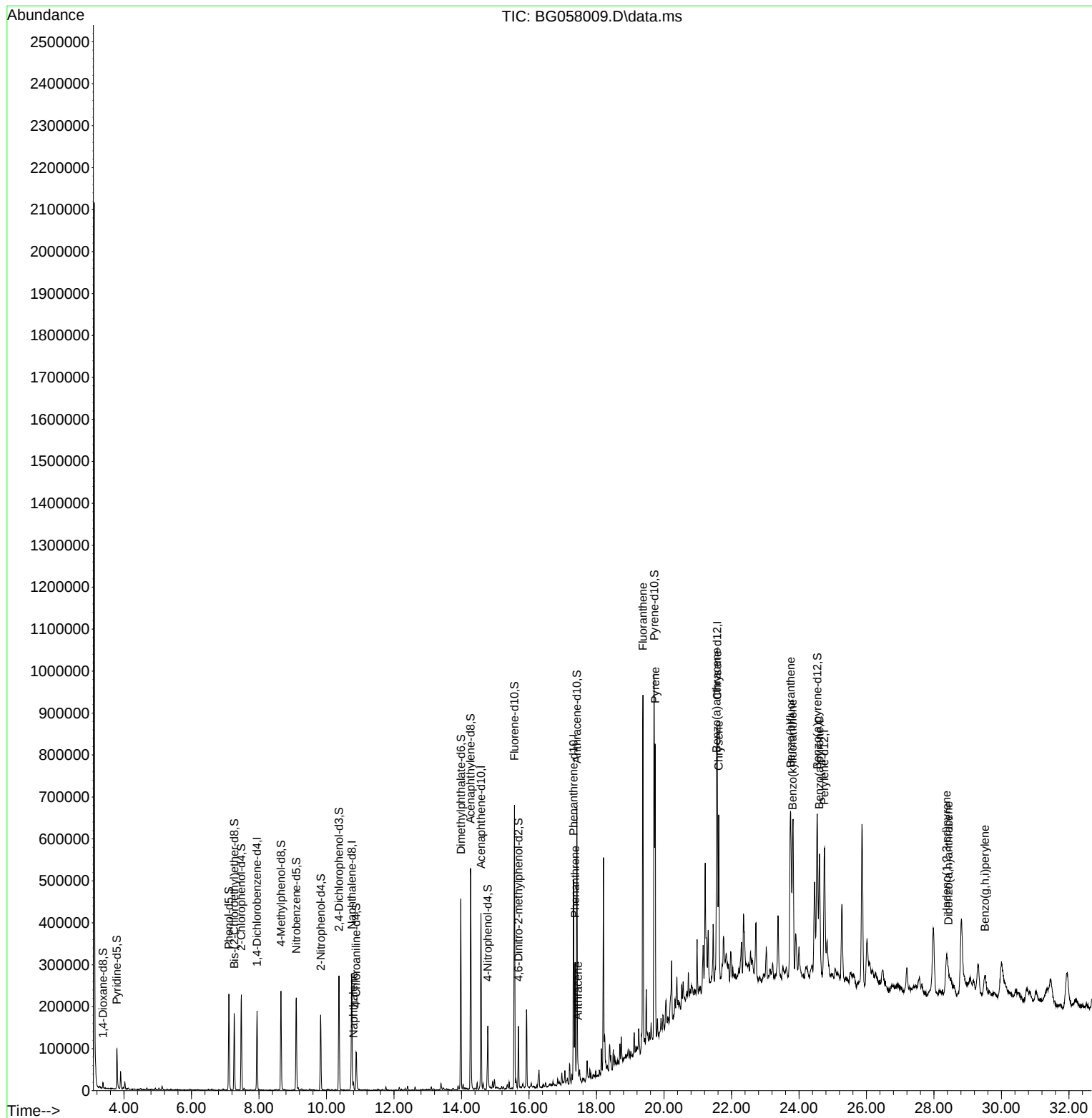
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

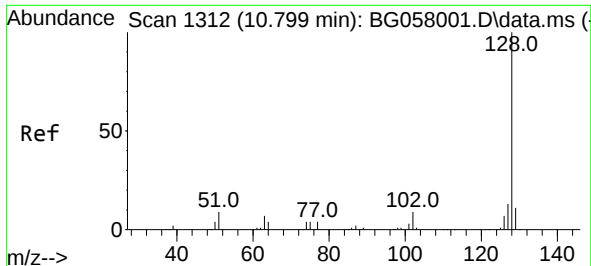
Instrument :
BNA_G
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DCGN9

Quant Time: Jul 05 08:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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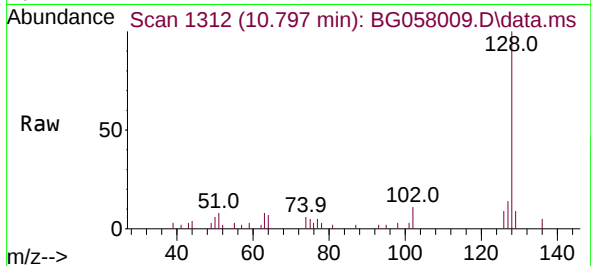
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#30
Naphthalene
Concen: 1.107 ng/ul
RT: 10.797 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG058009.D
Acq: 5 Jul 2023 6:52

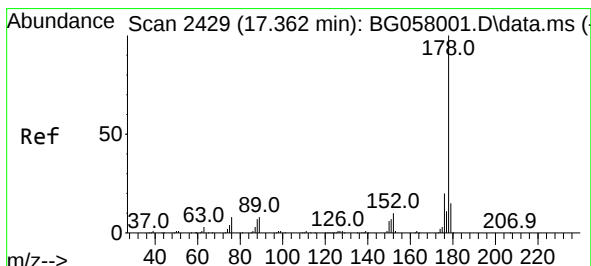
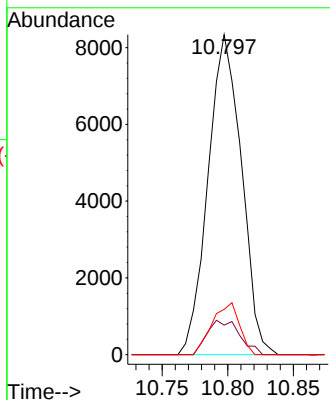
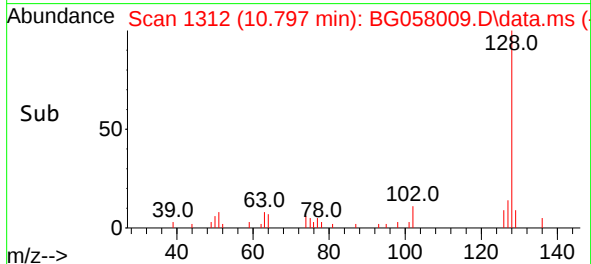
Instrument :
BNA_G
ClientSampleId :
DCGN9



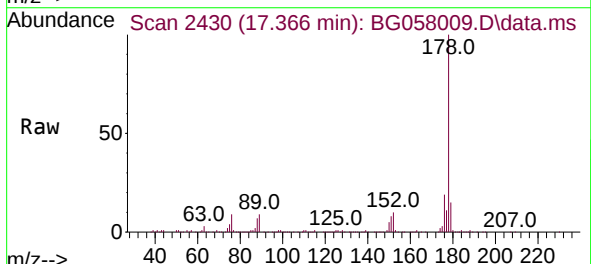
Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 14.1 10.2 15.2

Manual Integrations
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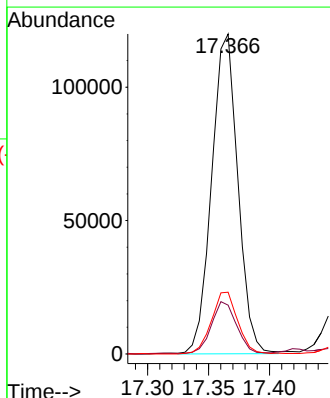
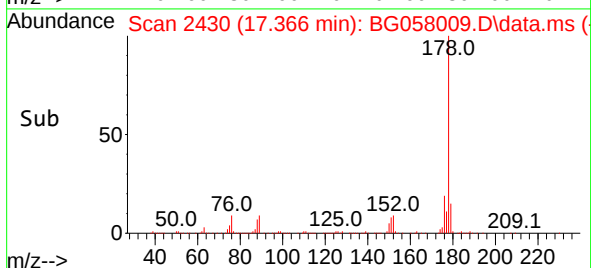
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

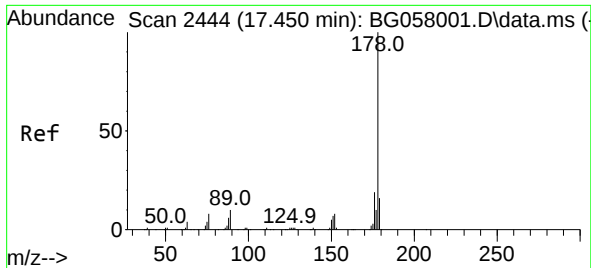


#72
Phenanthrene
Concen: 11.338 ng/ul
RT: 17.366 min Scan# 2430
Delta R.T. 0.007 min
Lab File: BG058009.D
Acq: 5 Jul 2023 6:52



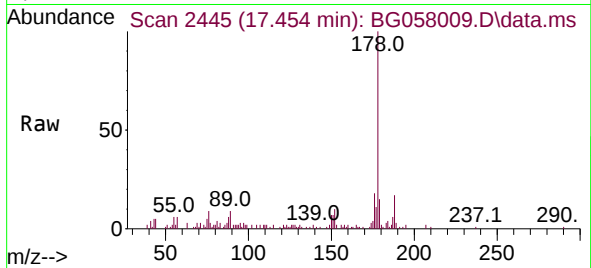
Tgt Ion:178 Resp: 179360
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 19.3 15.7 23.5





#74
 Anthracene
 Concen: 1.477 ng/ul
 RT: 17.454 min Scan# 2444
 Delta R.T. 0.007 min
 Lab File: BG058009.D
 Acq: 5 Jul 2023 6:52

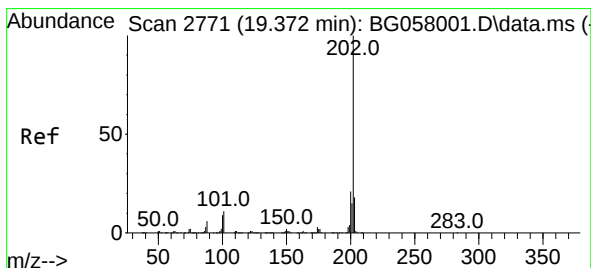
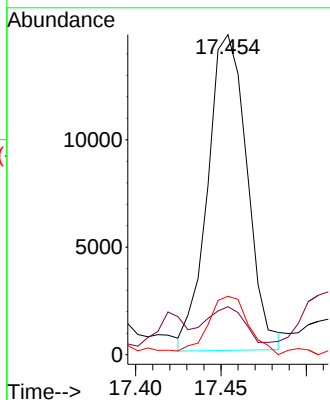
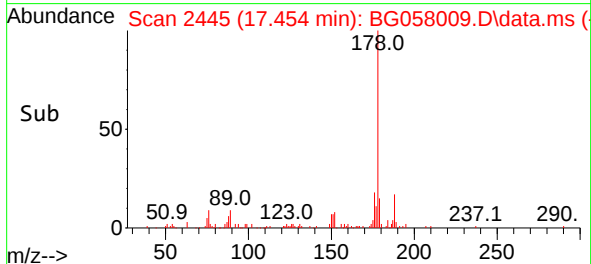
Instrument :
 BNA_G
 ClientSampleId :
 DCGN9



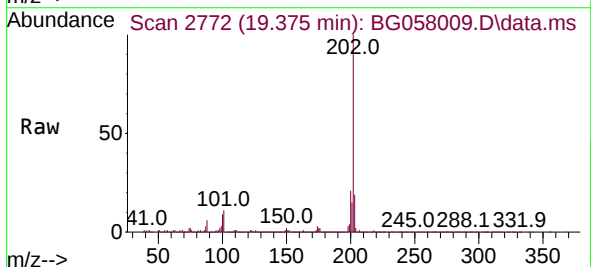
Tgt Ion:178 Resp: 2364
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.6 18.8
 176 18.3 15.4 23.2

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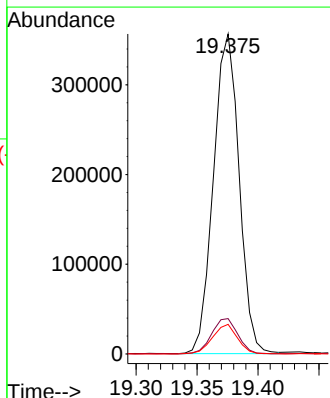
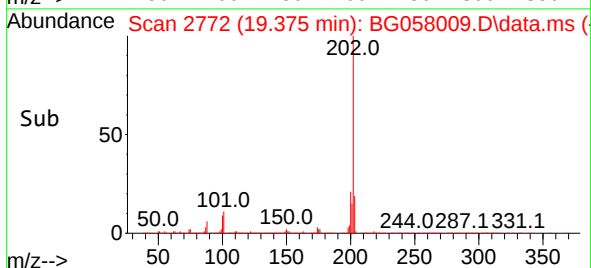
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

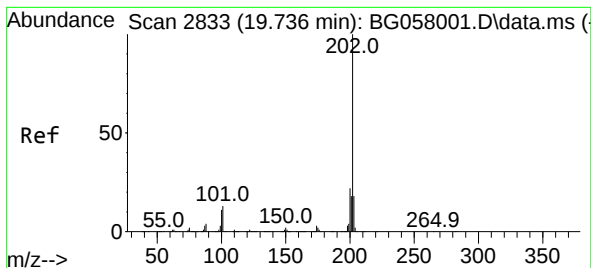


#80
 Fluoranthene
 Concen: 27.945 ng/ul
 RT: 19.375 min Scan# 2772
 Delta R.T. 0.007 min
 Lab File: BG058009.D
 Acq: 5 Jul 2023 6:52



Tgt Ion:202 Resp: 522285
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.1 13.7
 100 9.3 7.1 10.7





#82

Pyrene

Concen: 23.694 ng/ul

RT: 19.740 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

Instrument :

BNA_G

ClientSampleId :

DCGN9

Tgt Ion:202 Resp: 44576

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

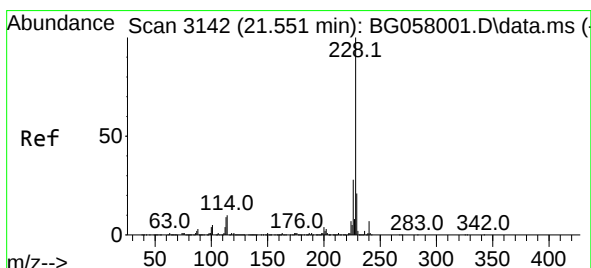
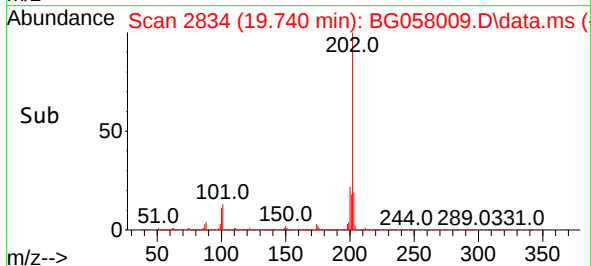
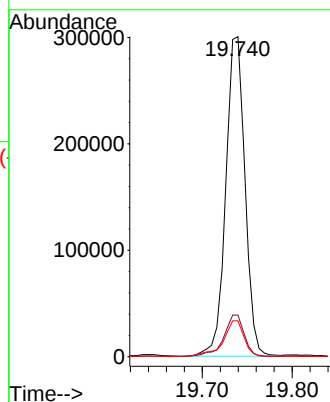
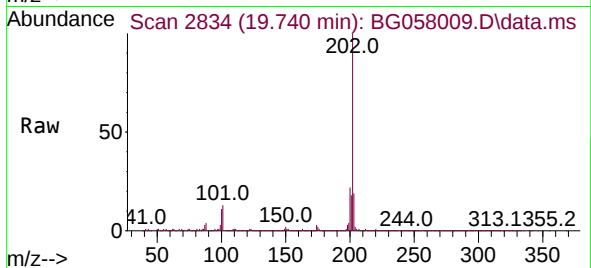
100 11.2 8.9 13.3

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Supervised By :Sohil Jodhani 07/05/2023



#85

Benzo(a)anthracene

Concen: 14.751 ng/ul

RT: 21.555 min Scan# 3143

Delta R.T. 0.007 min

Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

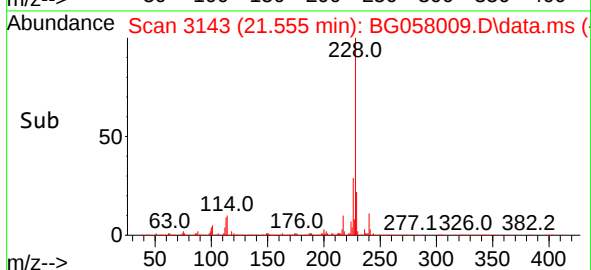
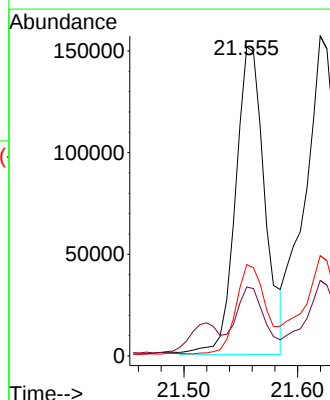
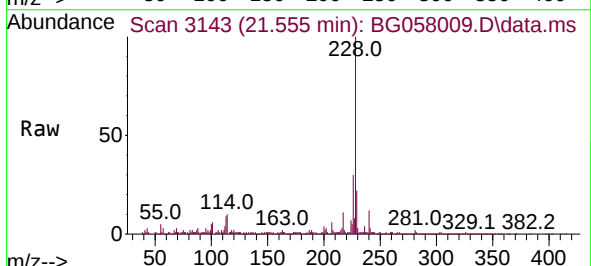
Tgt Ion:228 Resp: 271248

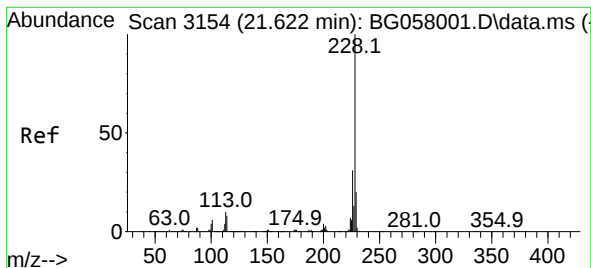
Ion Ratio Lower Upper

228 100

229 22.3 16.0 24.0

226 29.5 22.0 33.0





#87

Chrysene

Concen: 17.800 ng/ul m

RT: 21.620 min Scan# 3154

Delta R.T. 0.007 min

Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

Instrument :

BNA_G

ClientSampleId :

DCGN9

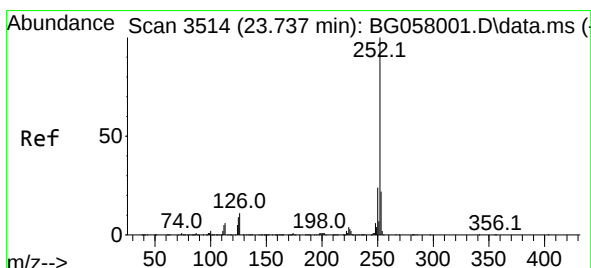
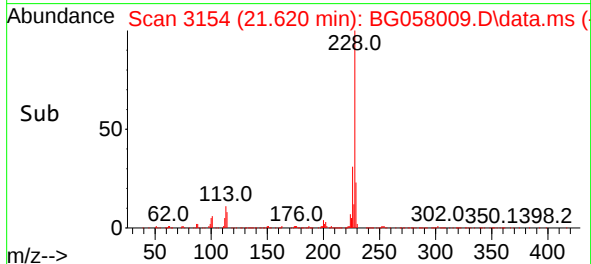
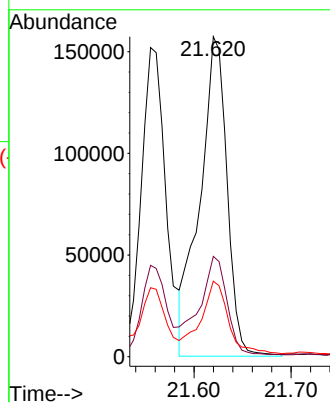
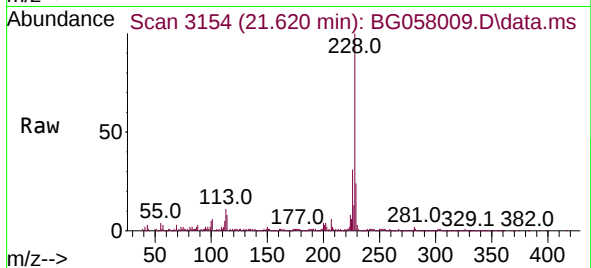
Tgt Ion:228 Resp: 30684

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	23.6	15.5	23.3

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Supervised By :Sohil Jodhani 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 27.650 ng/ul

RT: 23.753 min Scan# 3517

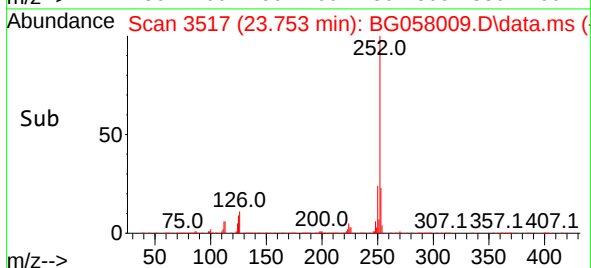
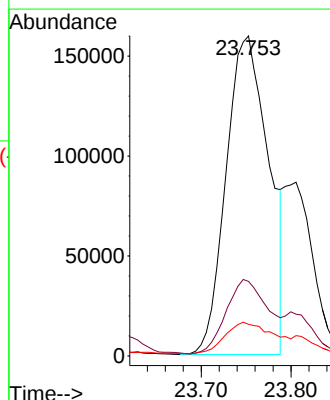
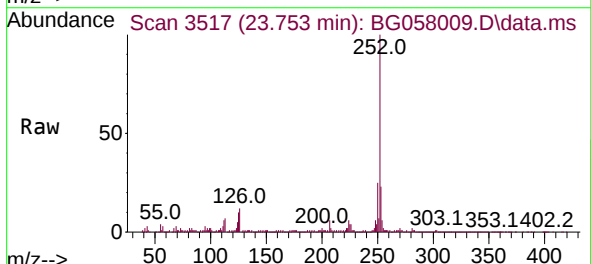
Delta R.T. 0.024 min

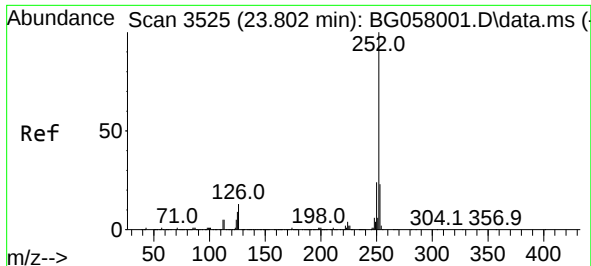
Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

Tgt Ion:252 Resp: 524603

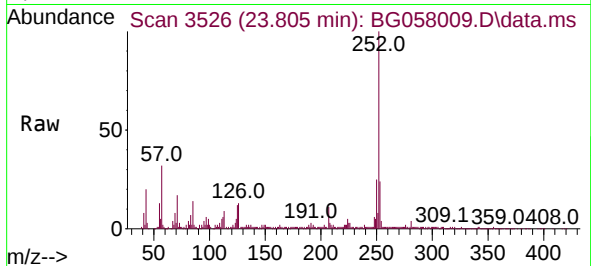
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	9.9	7.5	11.3





#91
Benzo(k)fluoranthene
Concen: 10.479 ng/ul m
RT: 23.805 min Scan# 3525
Delta R.T. 0.013 min
Lab File: BG058009.D
Acq: 5 Jul 2023 6:52

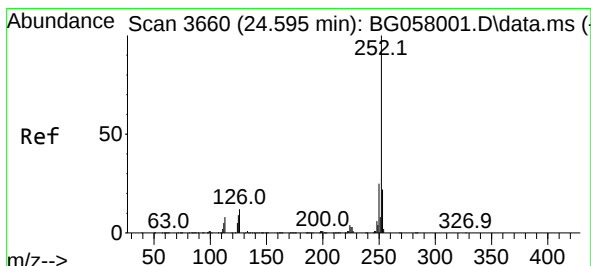
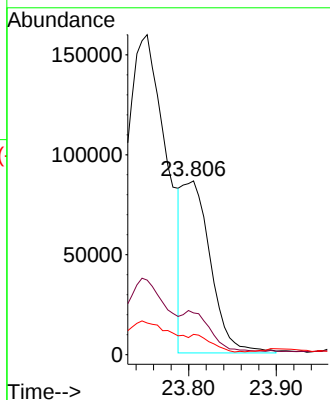
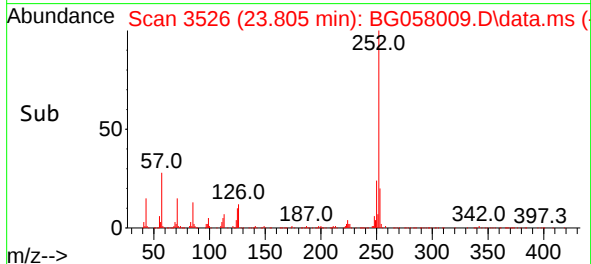
Instrument :
BNA_G
ClientSampleId :
DCGN9



Tgt Ion:252 Resp: 194872
Ion Ratio Lower Upper
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253 24.0 17.7 26.5
125 11.7 7.4 11.2

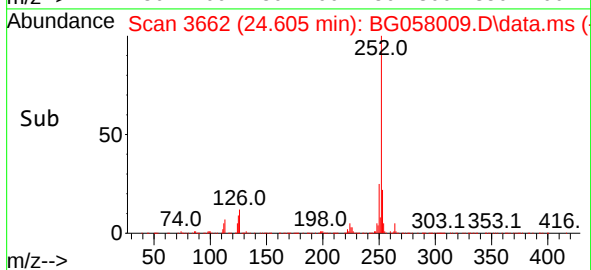
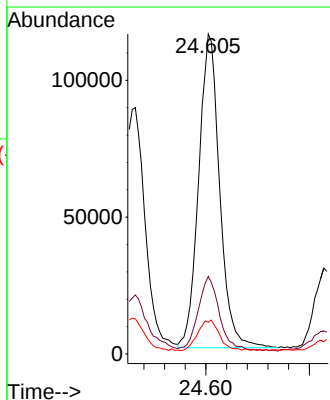
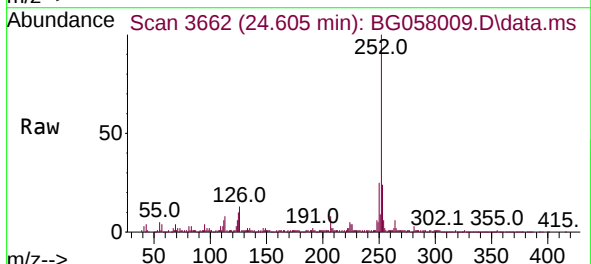
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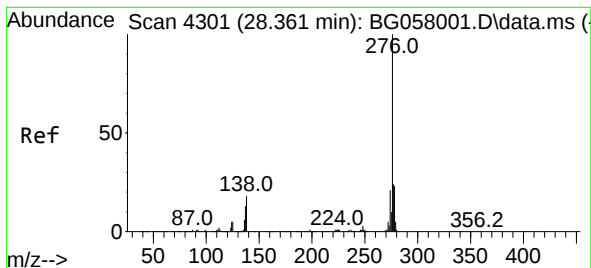
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#93
Benzo(a)pyrene
Concen: 19.226 ng/ul
RT: 24.605 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BG058009.D
Acq: 5 Jul 2023 6:52

Tgt Ion:252 Resp: 322867
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 9.9 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.857 ng/ul m

RT: 28.371 min Scan# 4301

Delta R.T. 0.036 min

Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

Instrument :

BNA_G

ClientSampleId :

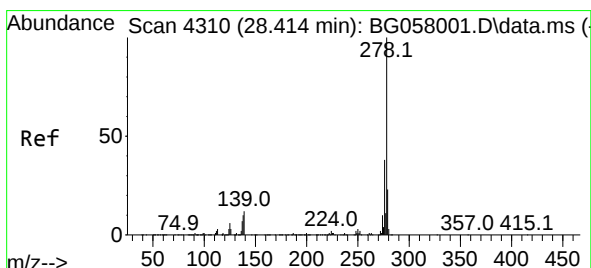
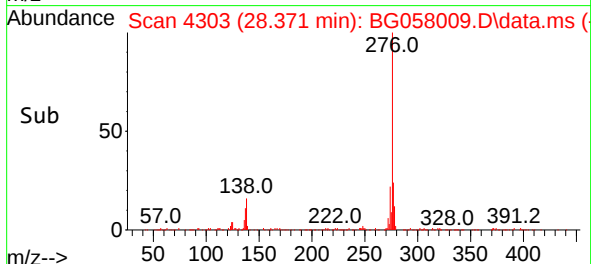
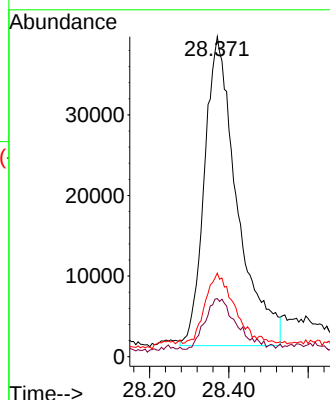
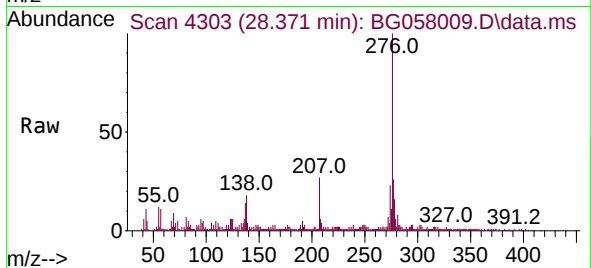
DCGN9

Tgt Ion:276 Resp: 219819
 Ion Ratio Lower Upper
 276 100
 138 18.1 14.0 21.0
 277 26.1 19.4 29.2

Manual Integrations

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 Supervised By :Sohil Jodhani 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.756 ng/ul m

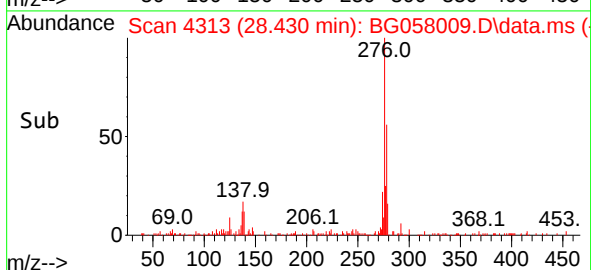
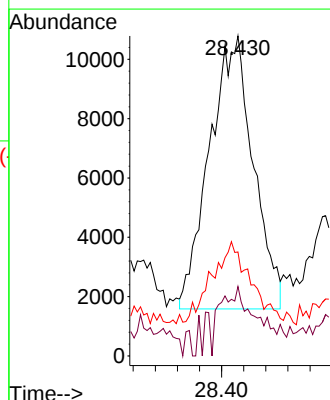
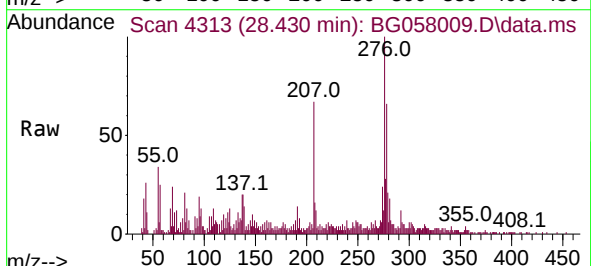
RT: 28.430 min Scan# 4313

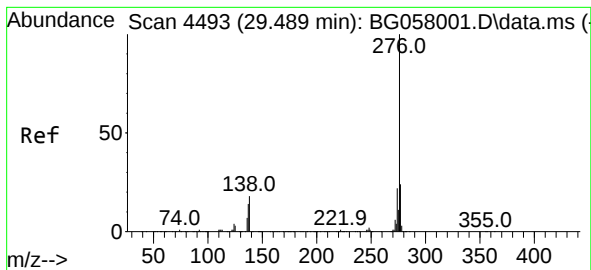
Delta R.T. 0.024 min

Lab File: BG058009.D

Acq: 5 Jul 2023 6:52

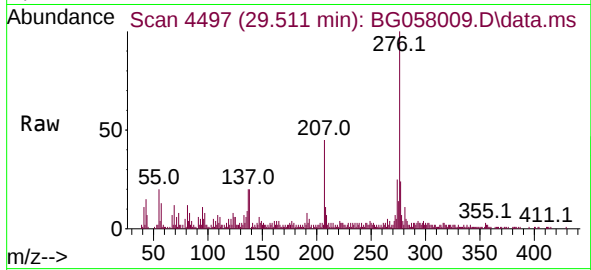
Tgt Ion:278 Resp: 50671
 Ion Ratio Lower Upper
 278 100
 139 21.7 11.3 16.9#
 279 32.5 18.9 28.3#





#96
 Benzo(g,h,i)perylene
 Concen: 8.536 ng/ul m
 RT: 29.511 min Scan# 44
 Delta R.T. 0.042 min
 Lab File: BG058009.D
 Acq: 5 Jul 2023 6:52

Instrument :
 BNA_G
 ClientSampleId :
 DCGN9



Tgt Ion:276 Resp: 155479
 Ion Ratio Lower Upper
 276 100
 138 19.8 14.2 21.2
 277 24.1 18.6 27.8

Manual Integrations
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