

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058006.D
 Acq On : 5 Jul 2023 4:46
 Operator : CG/JU
 Sample : 03248-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN7

Quant Time: Jul 05 05:23:48 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	55722	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	257685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.577	164	174032	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.320	188	379941	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	313682	20.000	ng/u1	0.00
88) Perylene-d12	24.741	264	385868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	6066	3.812	ng/uL	0.00
4) Pyridine-d5	3.789	84	74651	15.452	ng/u1	0.00
7) Phenol-d5	7.103	99	135167	23.753	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	80264	23.405	ng/u1	0.00
11) 2-Chlorophenol-d4	7.473	132	99617	25.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.648	113	98685	22.983	ng/u1	0.00
21) Nitrobenzene-d5	9.101	128	52151	24.831	ng/u1	0.00
24) 2-Nitrophenol-d4	9.823	143	56604	25.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.364	165	104360	24.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	54268	8.453	ng/u1	0.00
46) Dimethylphthalate-d6	13.977	166	316381	23.041	ng/u1	0.00
49) Acenaphthylene-d8	14.271	160	373011	24.894	ng/u1	0.00
54) 4-Nitrophenol-d4	14.776	143	48681	20.066	ng/u1	0.00
60) Fluorene-d10	15.564	176	284564	24.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	41925	20.321	ng/u1	0.00
73) Anthracene-d10	17.414	188	417270	23.668	ng/u1	0.00
81) Pyrene-d10	19.706	212	499172	25.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.530	264	510257	25.955	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.300	152	38319m	2.368	ng/u1	
72) Phenanthrene	17.362	178	69337	3.588	ng/u1	99
80) Fluoranthene	19.371	202	504911	22.056	ng/u1	100
82) Pyrene	19.735	202	431366	18.720	ng/u1	98
85) Benzo(a)anthracene	21.551	228	279810	12.423	ng/u1	98
87) Chrysene	21.615	228	271062	12.838	ng/u1	96
90) Benzo(b)fluoranthene	23.736	252	478113	20.011	ng/u1	99
91) Benzo(k)fluoranthene	23.795	252	174697m	7.460	ng/u1	
93) Benzo(a)pyrene	24.594	252	250792	11.860	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.360	276	202612	7.215	ng/u1	96
95) Dibenzo(a,h)anthracene	28.402	278	52019	2.246	ng/u1	100
96) Benzo(g,h,i)perylene	29.488	276	135621m	5.913	ng/u1	

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

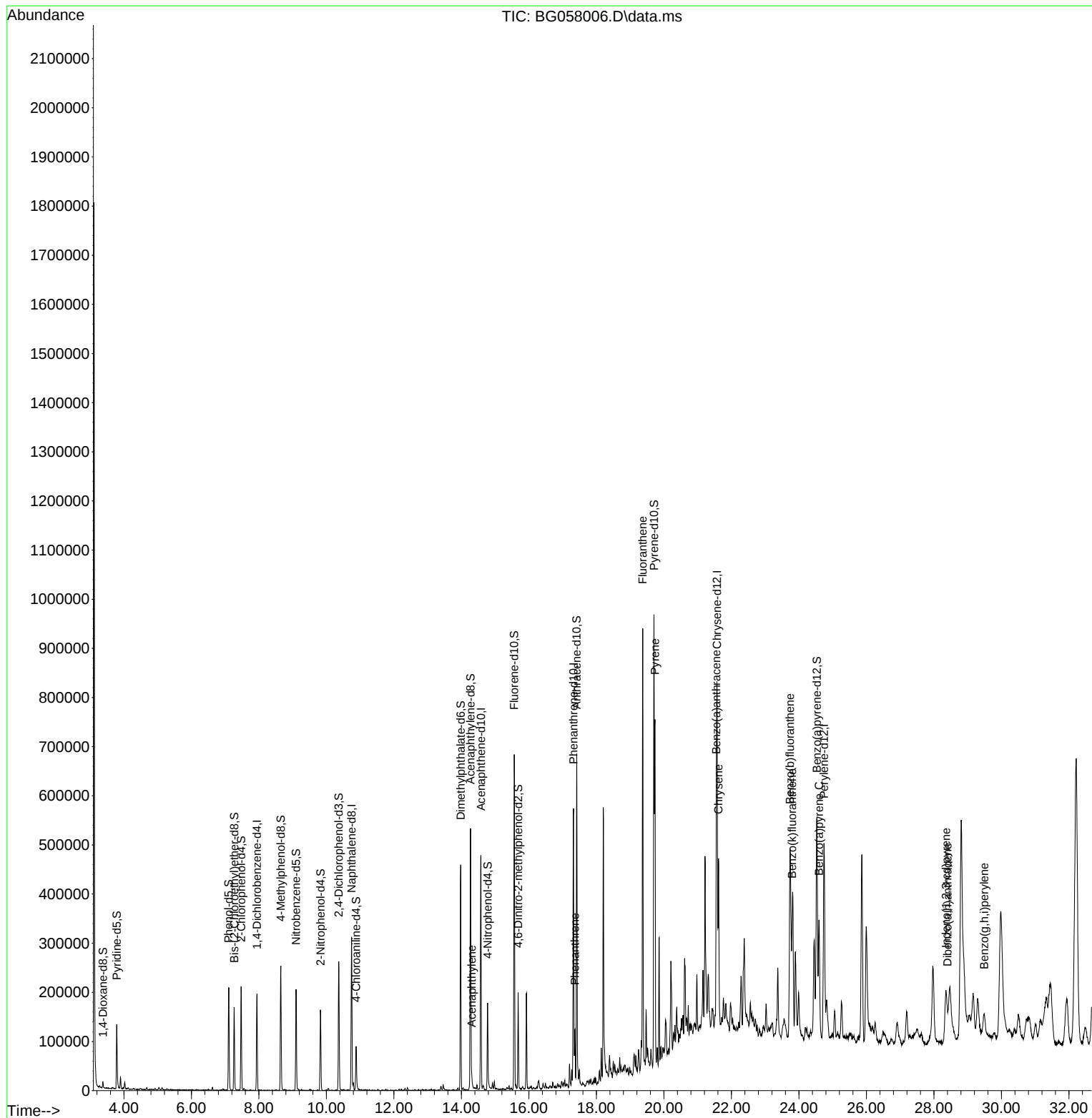
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
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ALS Vial : 65 Sample Multiplier: 1

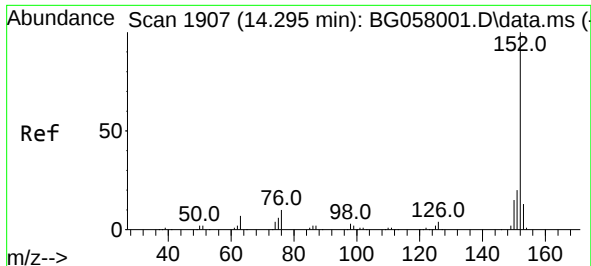
Instrument :
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Quant Title : SVOA CALIBRATION
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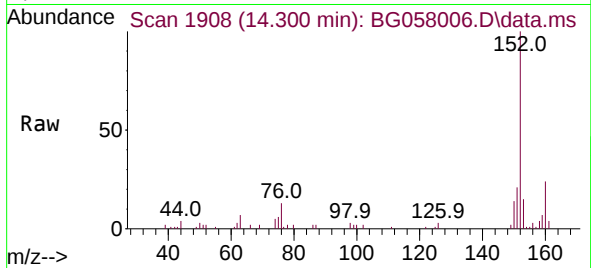
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#50
Acenaphthylene
Concen: 2.368 ng/ul m
RT: 14.300 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

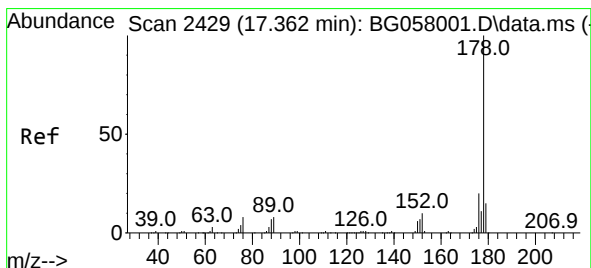
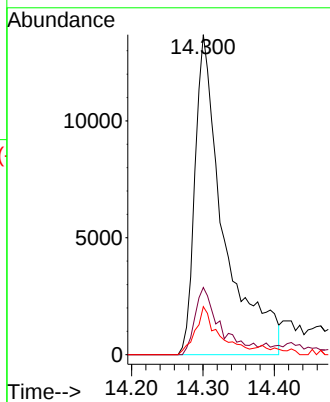
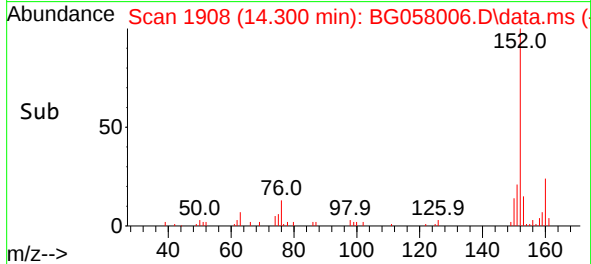
Instrument :
BNA_G
ClientSampleId :
DCGN7



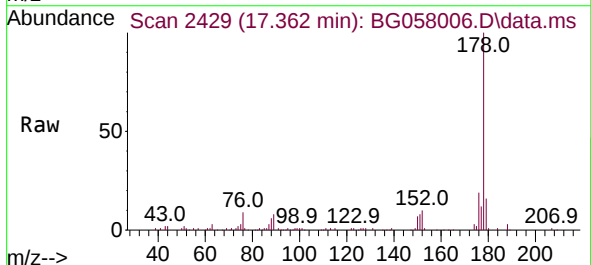
Tgt Ion:152 Resp: 38319
Ion Ratio Lower Upper
152 100
151 21.0 15.6 23.4
153 15.0 10.5 15.7

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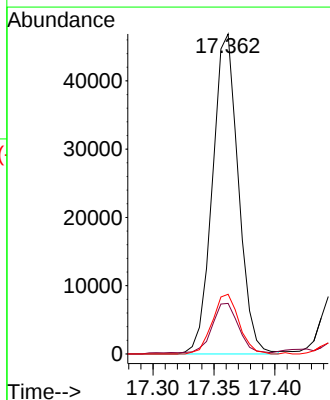
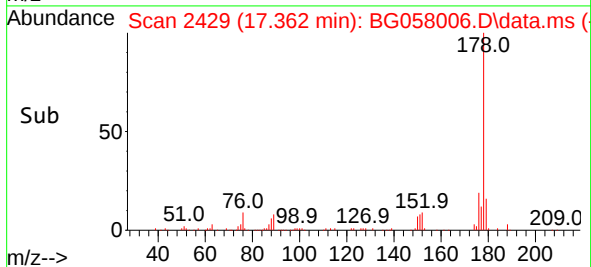
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

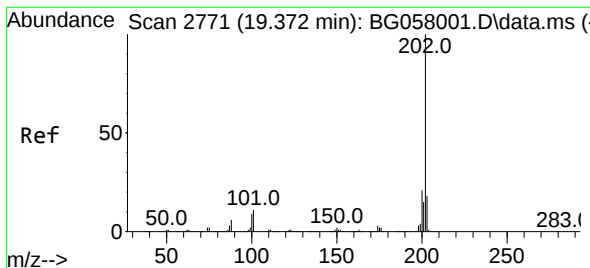


#72
Phenanthrene
Concen: 3.588 ng/ul
RT: 17.362 min Scan# 2429
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46



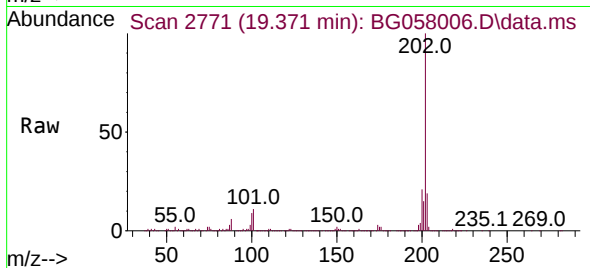
Tgt Ion:178 Resp: 69337
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.7 15.7 23.5





#80
Fluoranthene
Concen: 22.056 ng/u1
RT: 19.371 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

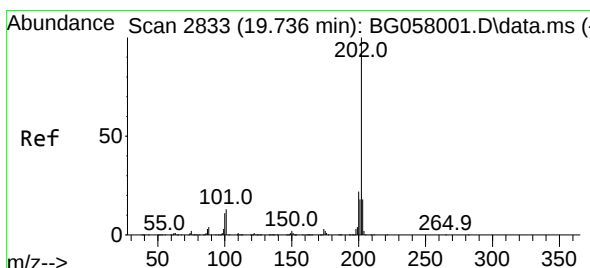
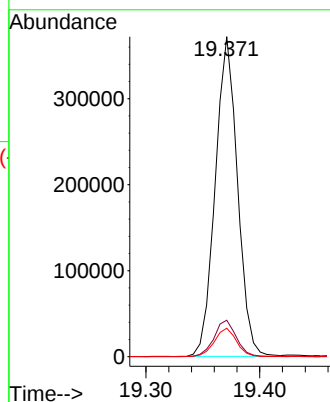
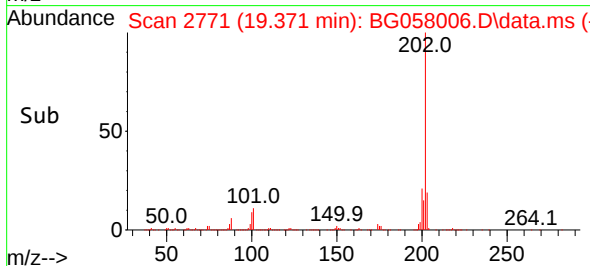
Instrument :
BNA_G
ClientSampleId :
DCGN7



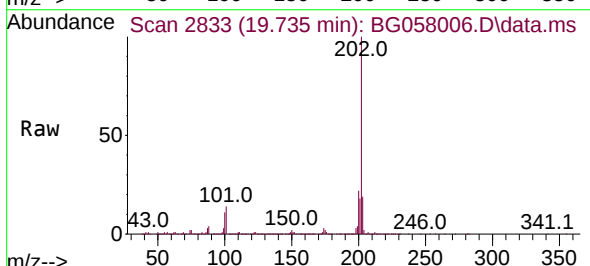
Tgt Ion:202 Resp: 50491
Ion Ratio Lower Upper
202 100
101 11.4 9.1 13.7
100 8.9 7.1 10.7

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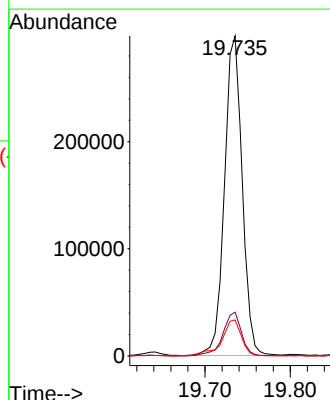
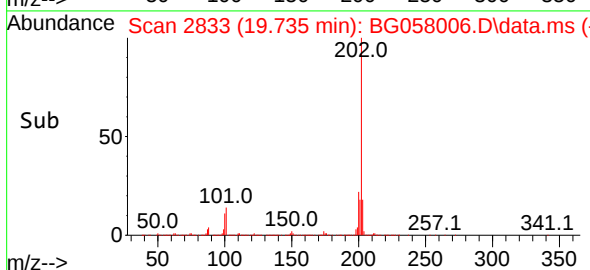
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

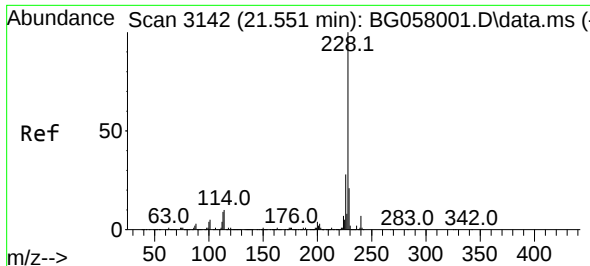


#82
Pyrene
Concen: 18.720 ng/u1
RT: 19.735 min Scan# 2833
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46



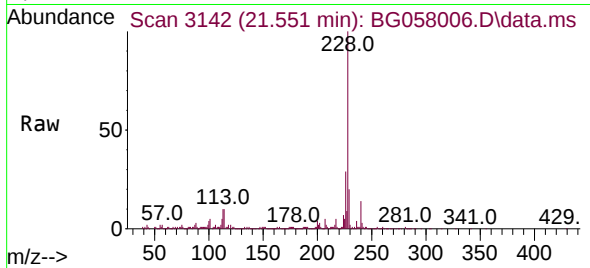
Tgt Ion:202 Resp: 431366
Ion Ratio Lower Upper
202 100
101 13.7 10.2 15.2
100 11.3 8.9 13.3





#85
Benzo(a)anthracene
Concen: 12.423 ng/ul
RT: 21.551 min Scan# 3142
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

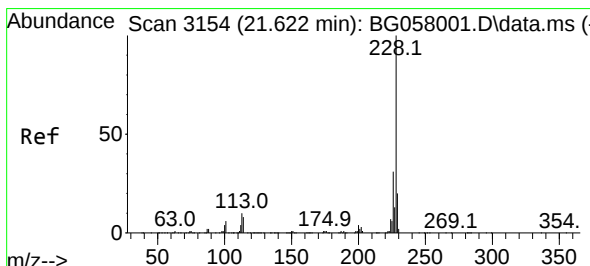
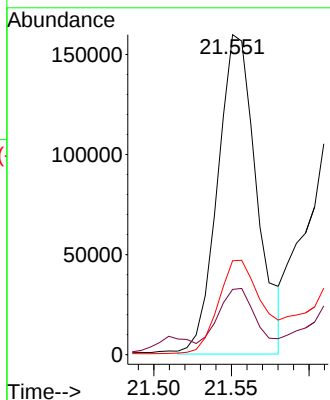
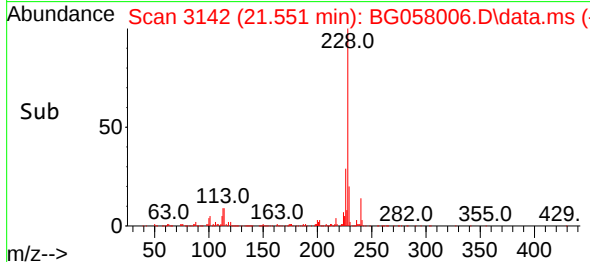
Instrument :
BNA_G
ClientSampleId :
DCGN7



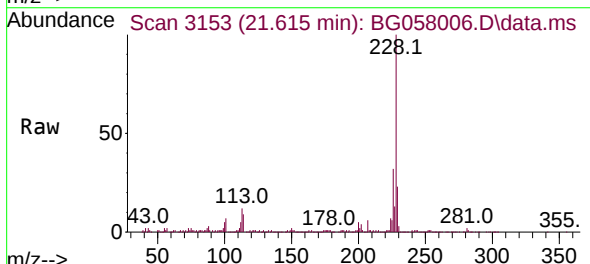
Tgt Ion:228 Resp: 279810
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.4 22.0 33.0

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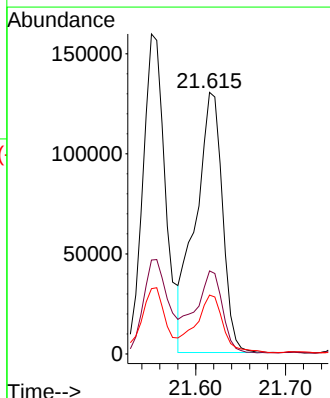
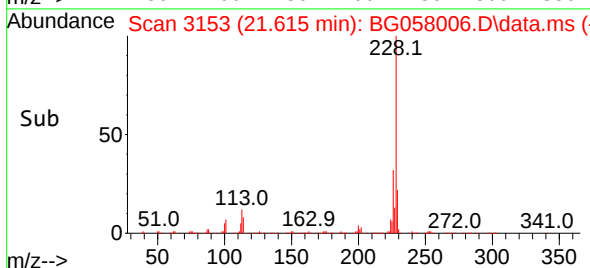
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

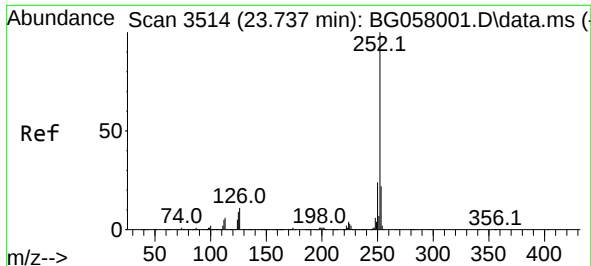


#87
Chrysene
Concen: 12.838 ng/ul
RT: 21.615 min Scan# 3153
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46



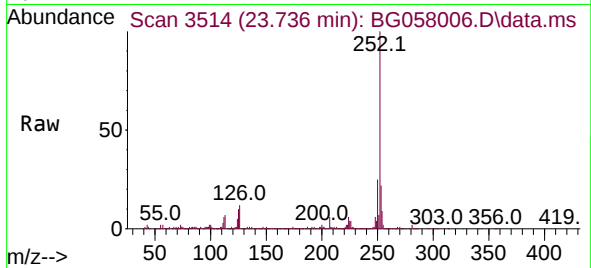
Tgt Ion:228 Resp: 271062
Ion Ratio Lower Upper
228 100
226 31.7 24.4 36.6
229 22.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 20.011 ng/ul
RT: 23.736 min Scan# 3514
Delta R.T. 0.008 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

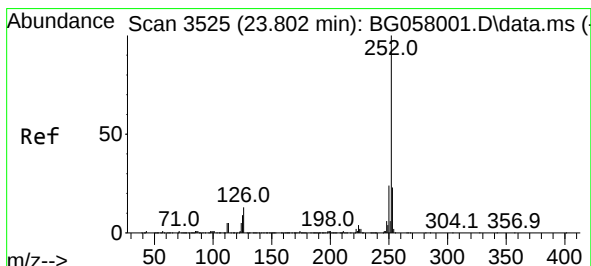
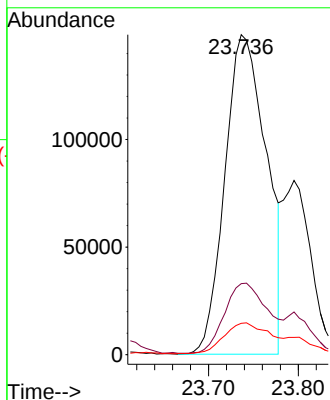
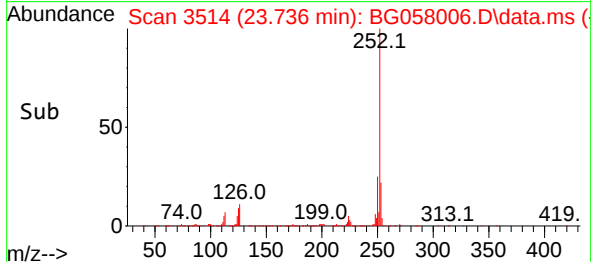
Instrument :
BNA_G
ClientSampleId :
DCGN7



Tgt Ion:252 Resp: 47811
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.8 7.5 11.3

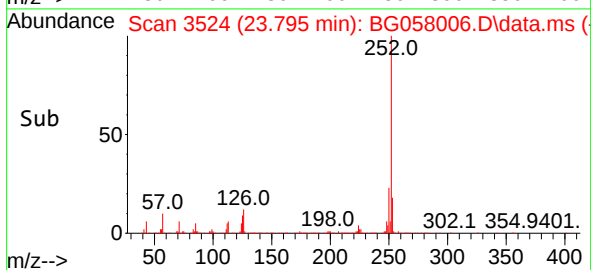
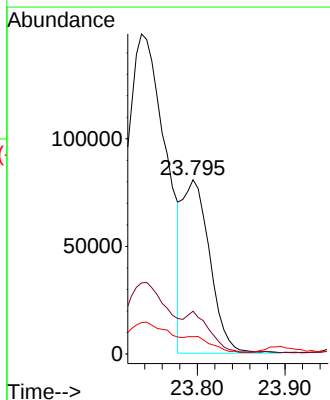
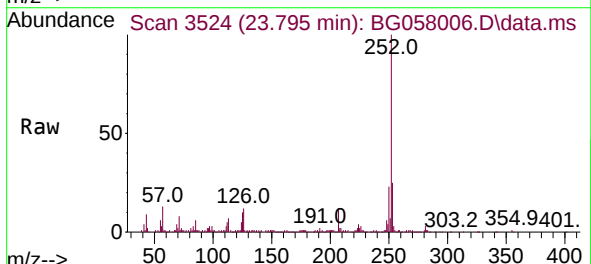
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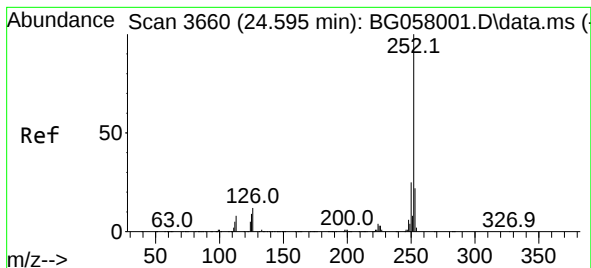
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#91
Benzo(k)fluoranthene
Concen: 7.460 ng/ul m
RT: 23.795 min Scan# 3524
Delta R.T. 0.002 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

Tgt Ion:252 Resp: 174697
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 9.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 11.860 ng/ul

RT: 24.594 min Scan# 30

Delta R.T. 0.008 min

Lab File: BG058006.D

Acq: 5 Jul 2023 4:46

Instrument :

BNA_G

ClientSampleId :

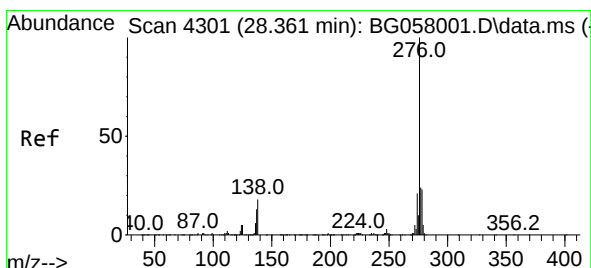
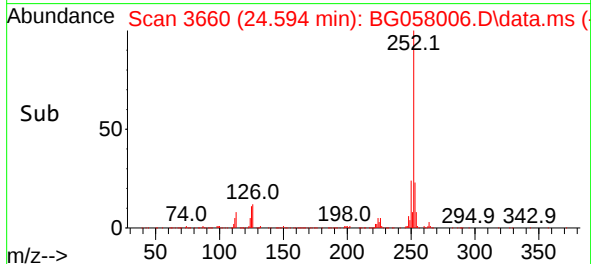
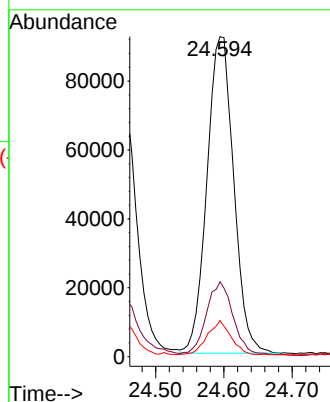
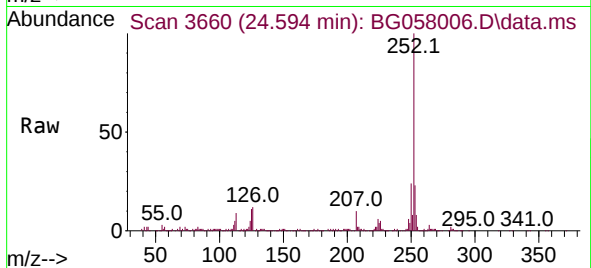
DCGN7

Tgt Ion:	252	Resp:	250792
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	11.3	8.3	12.5

Manual Integrations

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Supervised By :Sohil Jodhani 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.215 ng/ul

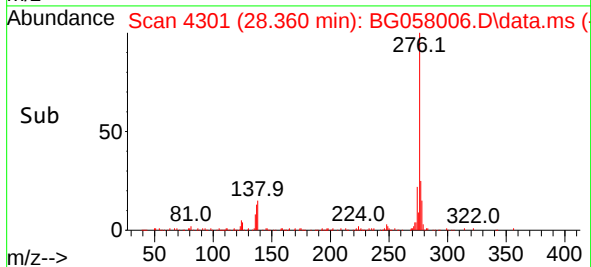
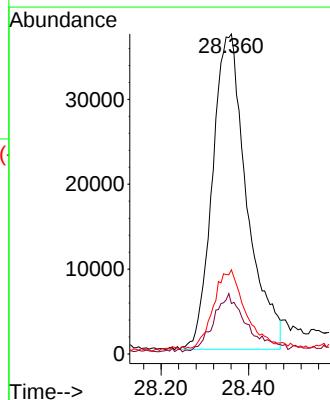
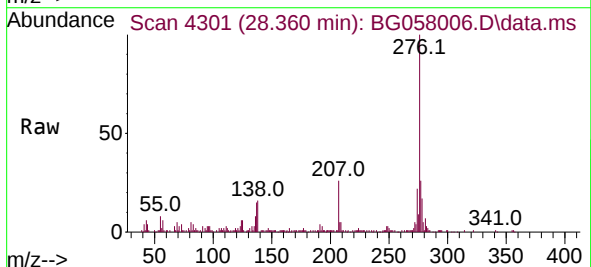
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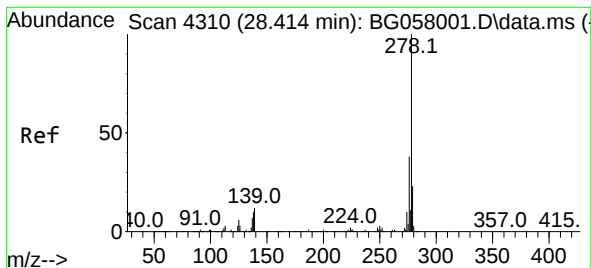
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Lab File: BG058006.D

Acq: 5 Jul 2023 4:46

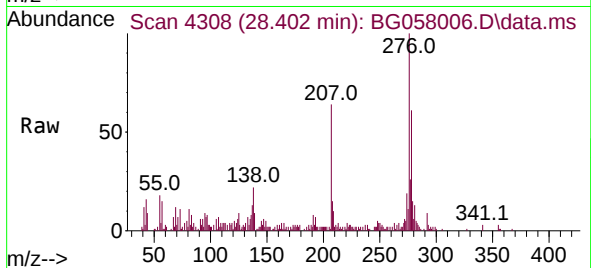
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Ion Ratio	Lower	Upper	
276	100		
138	15.8	14.0	21.0
277	26.3	19.4	29.2





#95
Dibenzo(a,h)anthracene
Concen: 2.246 ng/ul
RT: 28.402 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46

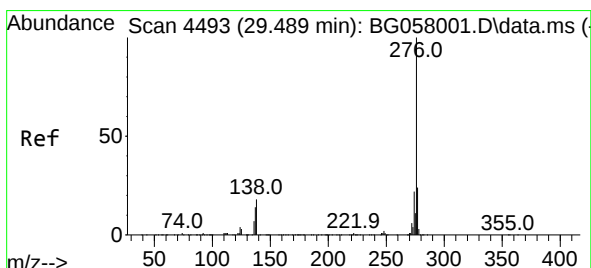
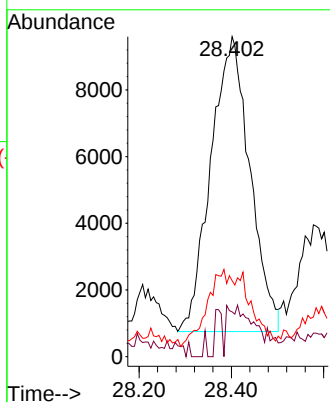
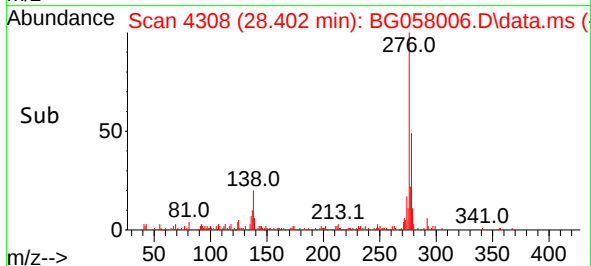
Instrument :
BNA_G
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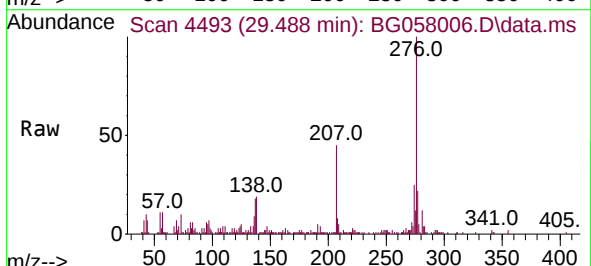
Tgt Ion:278 Resp: 52019
Ion Ratio Lower Upper
278 100
139 14.0 11.3 16.9
279 23.7 18.9 28.3

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



#96
Benzo(g,h,i)perylene
Concen: 5.913 ng/ul m
RT: 29.488 min Scan# 4493
Delta R.T. 0.020 min
Lab File: BG058006.D
Acq: 5 Jul 2023 4:46



Tgt Ion:276 Resp: 135621
Ion Ratio Lower Upper
276 100
138 19.2 14.2 21.2
277 21.9 18.6 27.8

