

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058011.D
 Acq On : 5 Jul 2023 8:16
 Operator : CG/JU
 Sample : 03248-17
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGP5

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 09:40:00 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	7.943	152	43014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	198029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.576	164	132495	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.320	188	280873	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	229586	20.000	ng/u1	0.00
88) Perylene-d12	24.752	264	275895	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	5217	4.247	ng/uL	0.00
4) Pyridine-d5	3.789	84	62257	16.694	ng/u1	0.00
7) Phenol-d5	7.108	99	117981	26.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	71913	27.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.479	132	88975	29.367	ng/u1	0.00
15) 4-Methylphenol-d8	8.654	113	85126	25.682	ng/u1	0.00
21) Nitrobenzene-d5	9.106	128	45533	28.211	ng/u1	0.00
24) 2-Nitrophenol-d4	9.829	143	50434	29.731	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	93965	28.876	ng/u1	0.00
31) 4-Chloroaniline-d4	10.886	131	55926	11.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.983	166	285640	27.323	ng/u1	0.00
49) Acenaphthylene-d8	14.271	160	337546	29.589	ng/u1	0.00
54) 4-Nitrophenol-d4	14.782	143	37023	20.045	ng/u1	0.00
60) Fluorene-d10	15.569	176	251418	28.318	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	30266	19.845	ng/u1	0.00
73) Anthracene-d10	17.420	188	370994	28.465	ng/u1	0.00
81) Pyrene-d10	19.711	212	432502	29.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.541	264	439886	31.295	ng/u1	0.03
Target Compounds					Qvalue	
30) Naphthalene	10.798	128	17713	1.592	ng/u1	97
36) 2-Methylnaphthalene	12.402	142	10955	1.460	ng/u1	97
72) Phenanthrene	17.367	178	67017	4.691	ng/u1	99
80) Fluoranthene	19.376	202	214770	12.818	ng/u1	99
82) Pyrene	19.735	202	187891	11.141	ng/u1	98
85) Benzo(a)anthracene	21.562	228	125023	7.584	ng/u1	93
87) Chrysene	21.621	228	143595m	9.292	ng/u1	
90) Benzo(b)fluoranthene	23.748	252	220334	12.898	ng/u1#	95
91) Benzo(k)fluoranthene	23.807	252	70488m	4.210	ng/u1	
93) Benzo(a)pyrene	24.600	252	114745	7.589	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.378	276	80684	4.019	ng/u1	99
95) Dibenzo(a,h)anthracene	28.425	278	22527m	1.361	ng/u1	
96) Benzo(g,h,i)perylene	29.512	276	57338m	3.496	ng/u1	

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

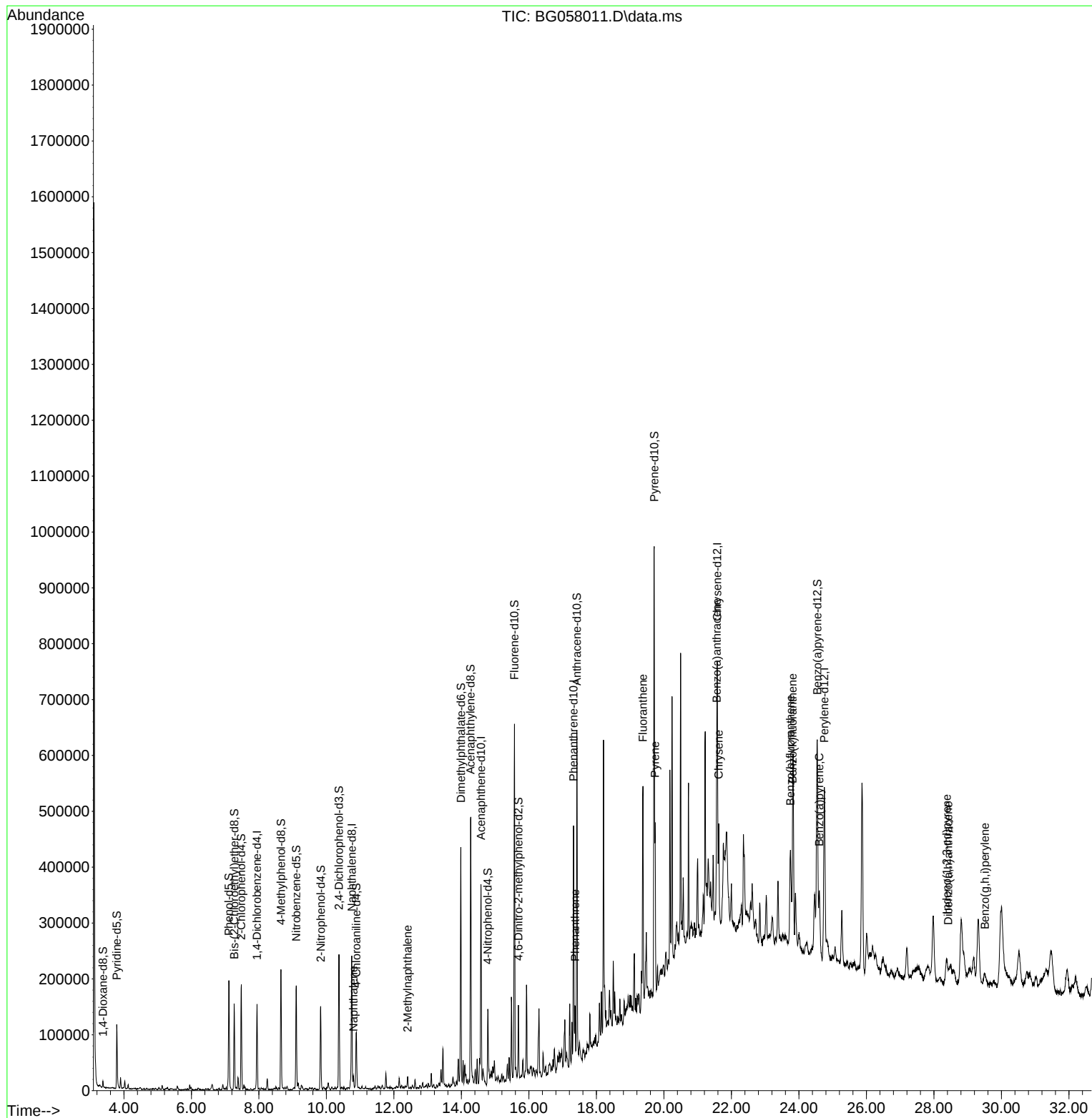
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058011.D
Acq On : 5 Jul 2023 8:16
Operator : CG/JU
Sample : 03248-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

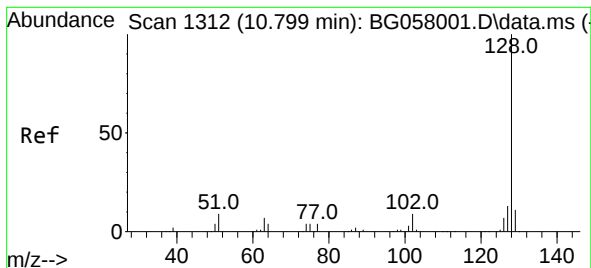
Instrument :
BNA_G
ClientSampleId :
DCGP5

Quant Time: Jul 05 09:40:00 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

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APPROVED

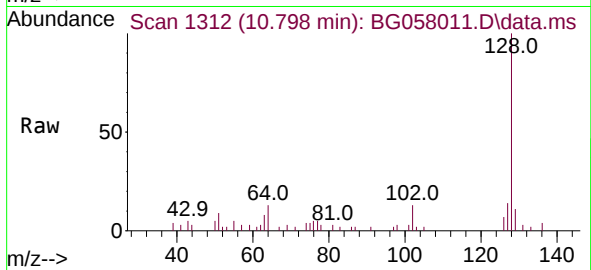
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#30
Naphthalene
Concen: 1.592 ng/ul
RT: 10.798 min Scan# 1312
Delta R.T. 0.008 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16

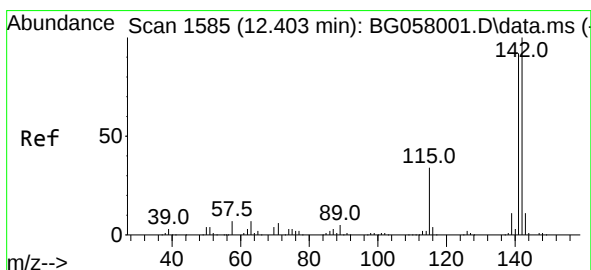
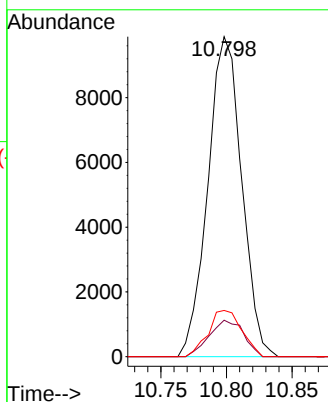
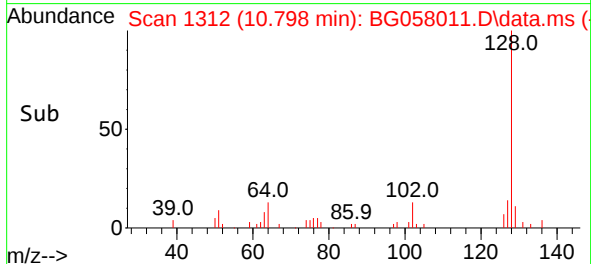
Instrument :
BNA_G
ClientSampleId :
DCGP5



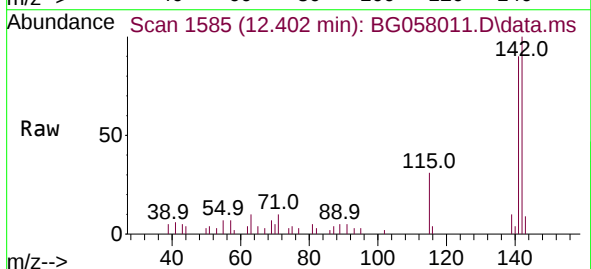
Tgt Ion:128 Resp: 1771
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.5 10.2 15.2

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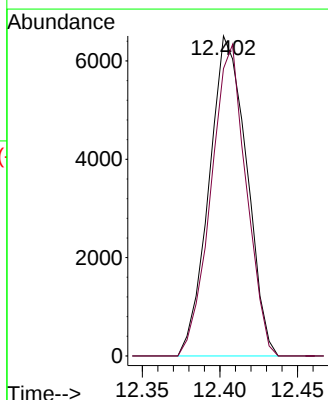
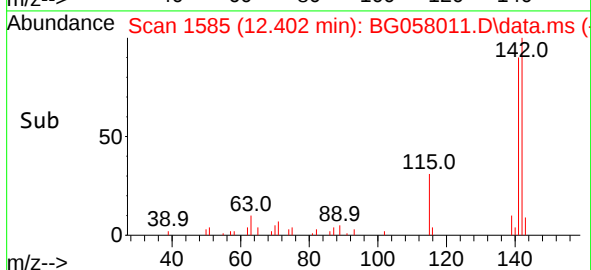
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

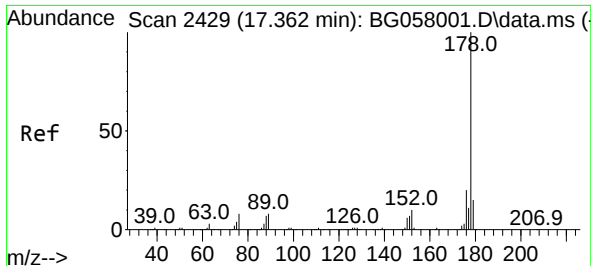


#36
2-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.402 min Scan# 1585
Delta R.T. 0.002 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16



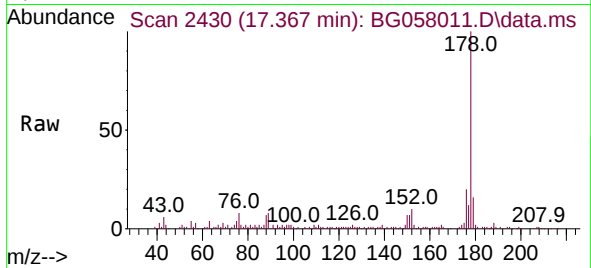
Tgt Ion:142 Resp: 10955
Ion Ratio Lower Upper
142 100
141 89.8 69.4 104.2





#72
Phenanthrene
Concen: 4.691 ng/u1
RT: 17.367 min Scan# 2429
Delta R.T. 0.008 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16

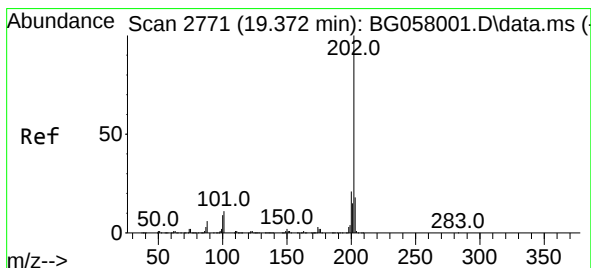
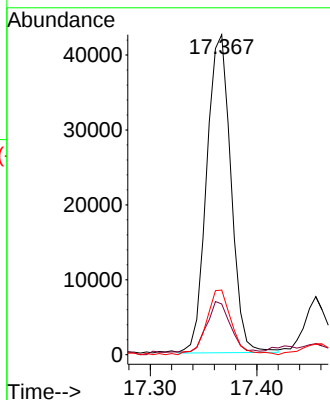
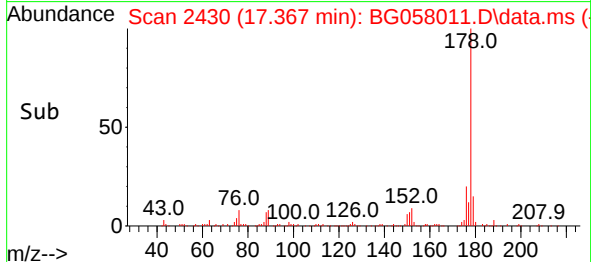
Instrument :
BNA_G
ClientSampleId :
DCGP5



Tgt Ion:178 Resp: 6701
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.2 15.7 23.5

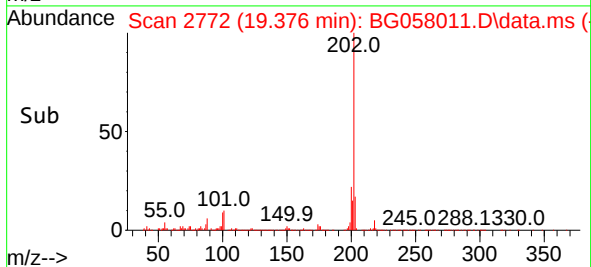
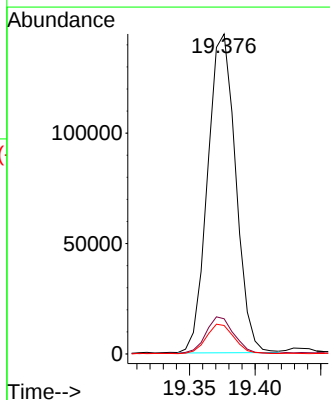
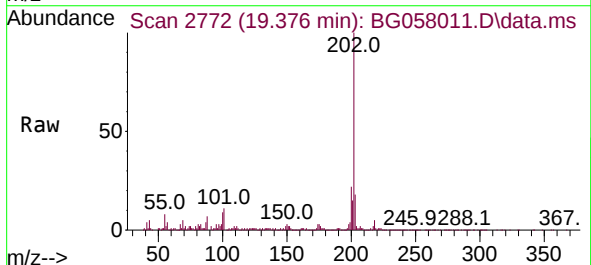
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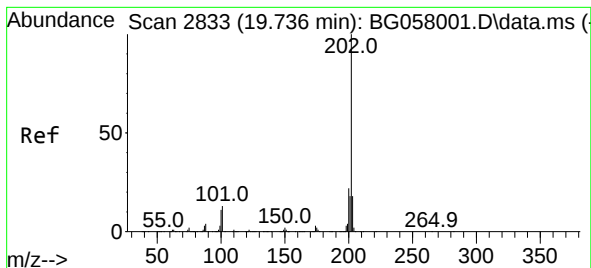
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#80
Fluoranthene
Concen: 12.818 ng/u1
RT: 19.376 min Scan# 2772
Delta R.T. 0.008 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16

Tgt Ion:202 Resp: 214770
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 8.9 7.1 10.7





#82

Pyrene

Concen: 11.141 ng/ul

RT: 19.735 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058011.D

Acq: 5 Jul 2023 8:16

Instrument :

BNA_G

ClientSampleId :

DCGP5

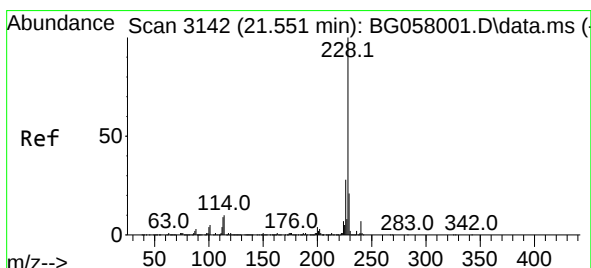
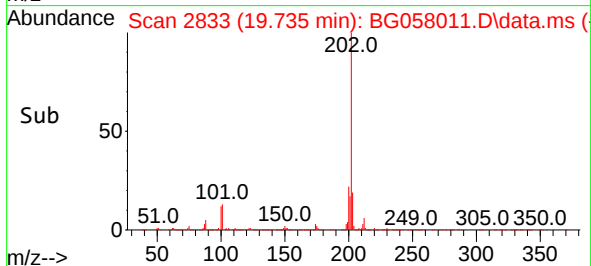
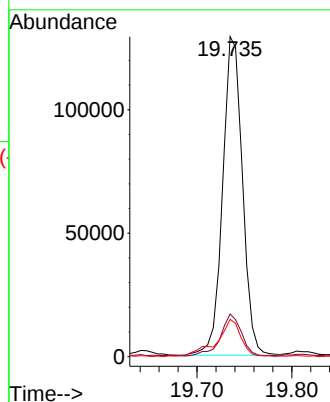
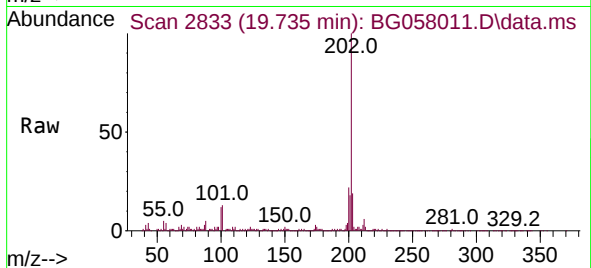
Tgt Ion:	202	Resp:	18789
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.2	15.2
100	11.7	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#85

Benzo(a)anthracene

Concen: 7.584 ng/ul

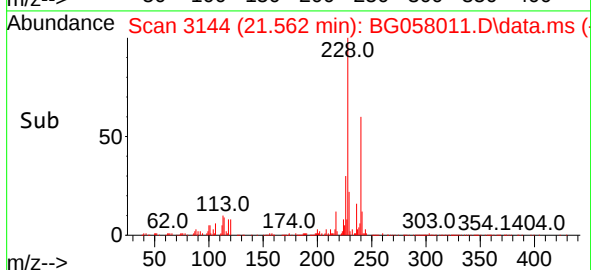
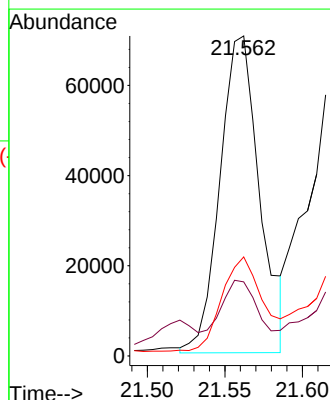
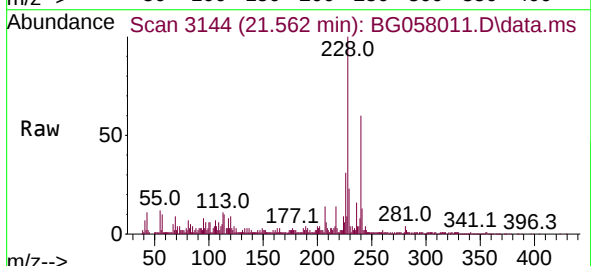
RT: 21.562 min Scan# 3144

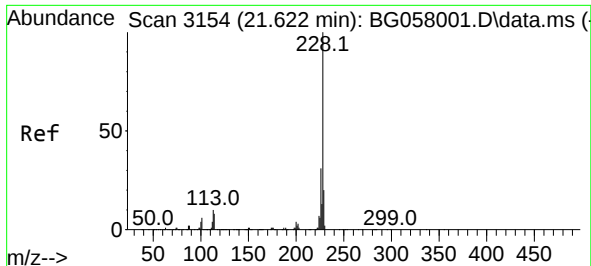
Delta R.T. 0.014 min

Lab File: BG058011.D

Acq: 5 Jul 2023 8:16

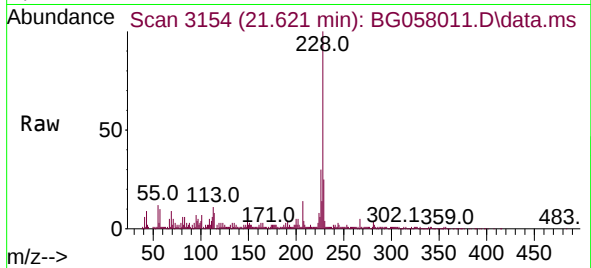
Tgt Ion:	228	Resp:	125023
Ion Ratio	Lower	Upper	
228	100		
229	23.2	16.0	24.0
226	31.0	22.0	33.0





#87
Chrysene
Concen: 9.292 ng/ul m
RT: 21.621 min Scan# 3154
Delta R.T. 0.008 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16

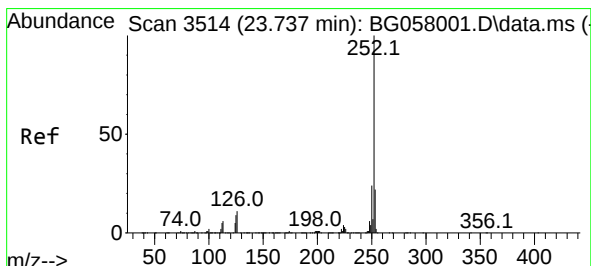
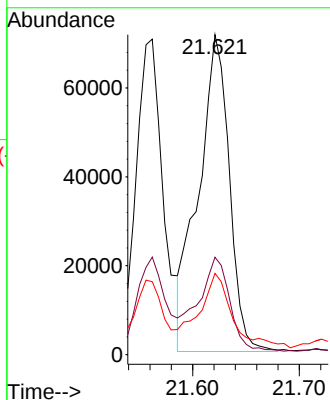
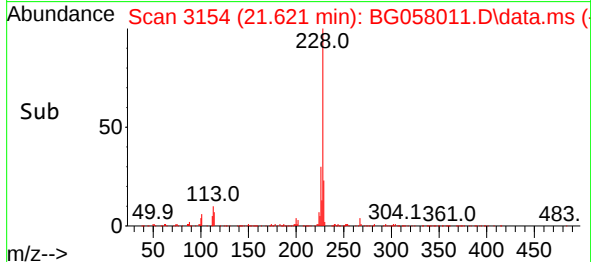
Instrument :
BNA_G
ClientSampleId :
DCGP5



Tgt Ion:228 Resp: 14359
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 25.4 15.5 23.3

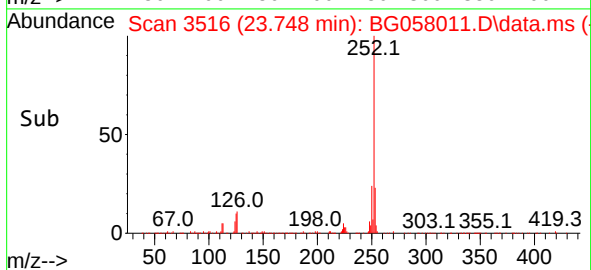
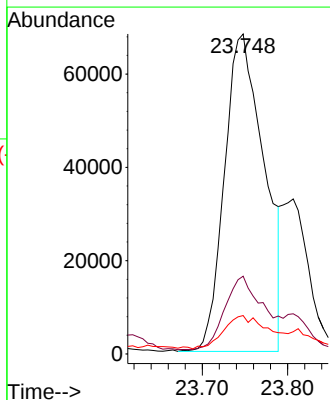
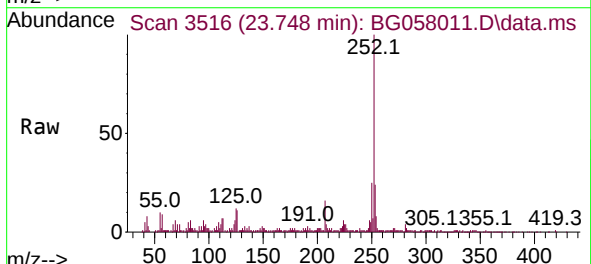
Manual Integrations
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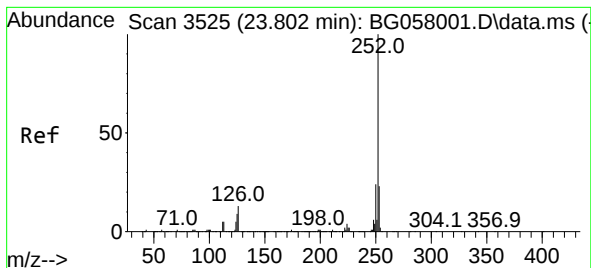
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#90
Benzo(b)fluoranthene
Concen: 12.898 ng/ul
RT: 23.748 min Scan# 3516
Delta R.T. 0.019 min
Lab File: BG058011.D
Acq: 5 Jul 2023 8:16

Tgt Ion:252 Resp: 220334
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 12.0 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 4.210 ng/ul m

RT: 23.807 min Scan# 3525

Delta R.T. 0.014 min

Lab File: BG058011.D

Acq: 5 Jul 2023 8:16

Instrument :

BNA_G

ClientSampleId :

DCGP5

Tgt Ion:252 Resp: 7048

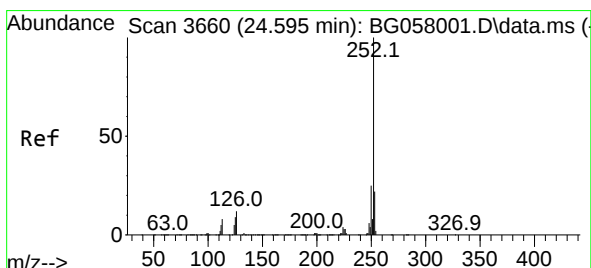
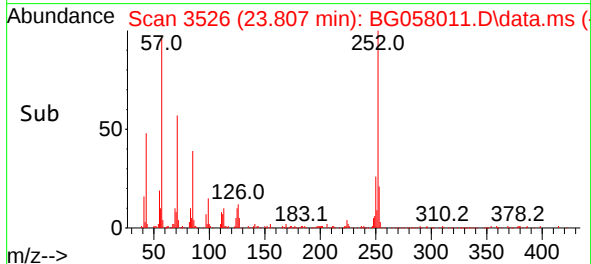
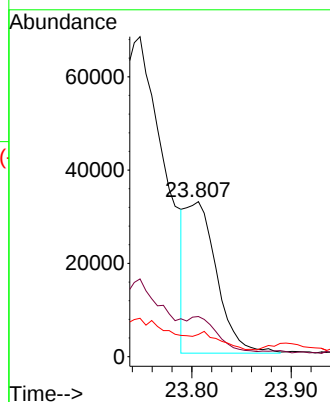
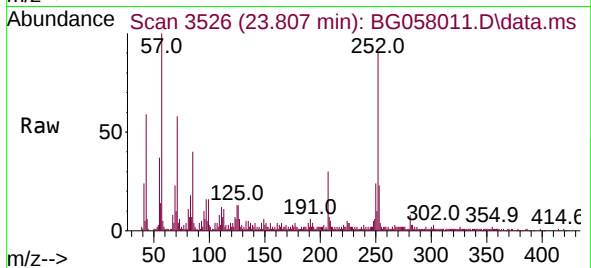
Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	14.3	7.4	11.2

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: 7.589 ng/ul

RT: 24.600 min Scan# 3661

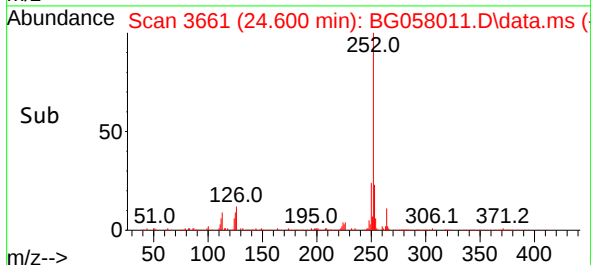
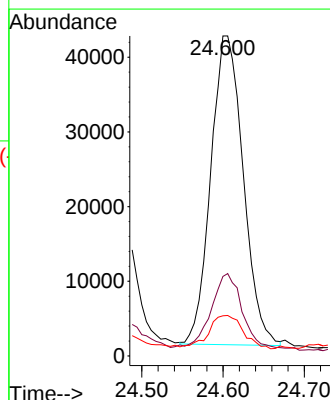
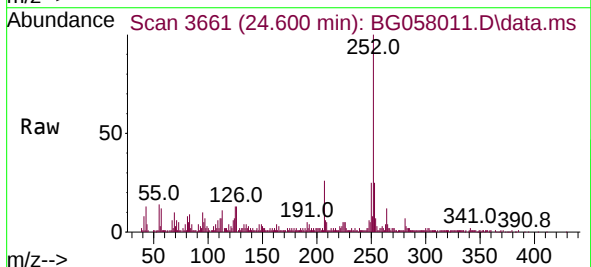
Delta R.T. 0.014 min

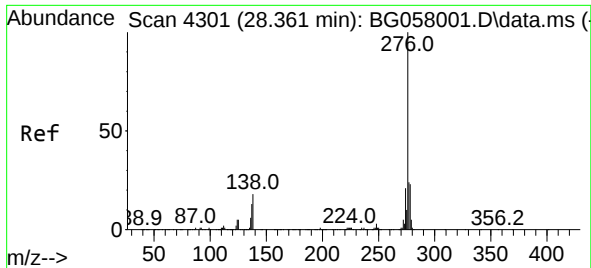
Lab File: BG058011.D

Acq: 5 Jul 2023 8:16

Tgt Ion:252 Resp: 114745

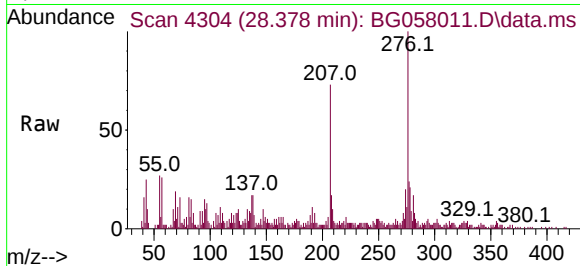
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	12.6	8.3	12.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.019 ng/ul
 RT: 28.378 min Scan# 4304
 Delta R.T. 0.043 min
 Lab File: BG058011.D
 Acq: 5 Jul 2023 8:16

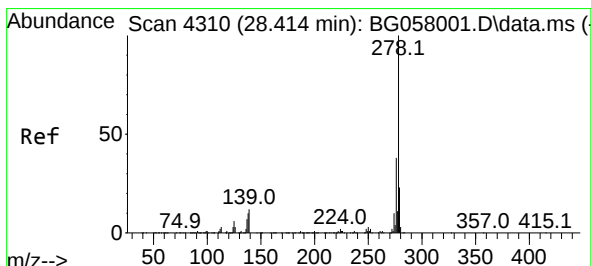
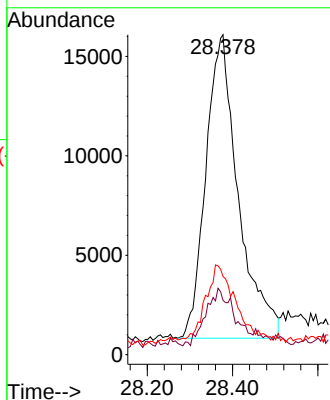
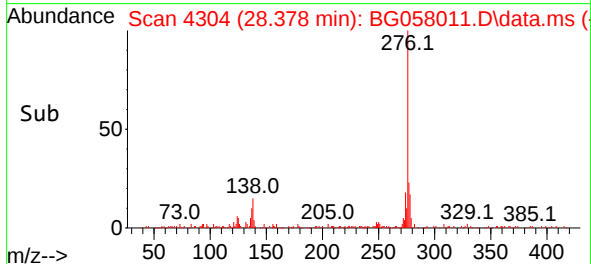
Instrument :
 BNA_G
 ClientSampleId :
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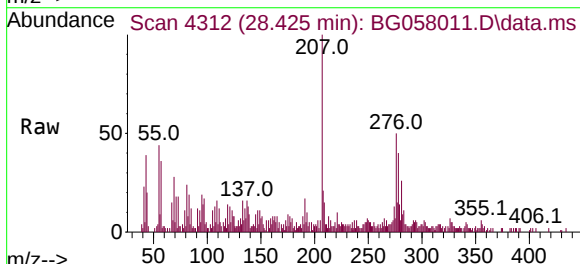
Tgt Ion:276 Resp: 80684
 Ion Ratio Lower Upper
 276 100
 138 17.0 14.0 21.0
 277 24.4 19.4 29.2

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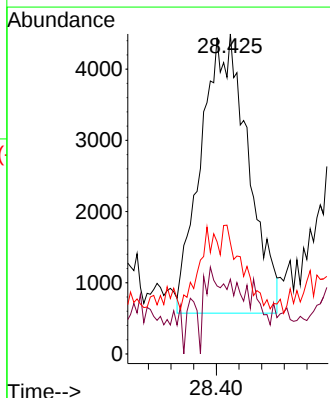
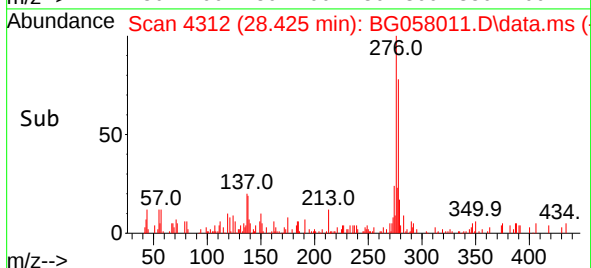
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

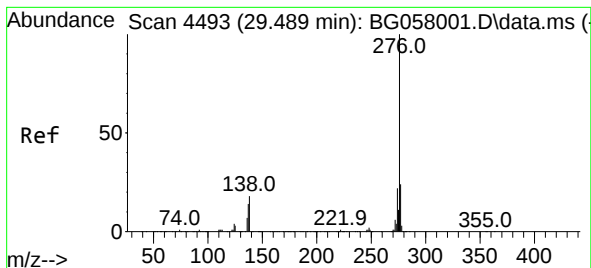


#95
 Dibenzo(a,h)anthracene
 Concen: 1.361 ng/ul m
 RT: 28.425 min Scan# 4312
 Delta R.T. 0.019 min
 Lab File: BG058011.D
 Acq: 5 Jul 2023 8:16



Tgt Ion:278 Resp: 22527
 Ion Ratio Lower Upper
 278 100
 139 23.4 11.3 16.9#
 279 34.7 18.9 28.3#





#96

Benzo(g,h,i)perylene

Concen: 3.496 ng/ul m

RT: 29.512 min Scan# 44

Delta R.T. 0.043 min

Lab File: BG058011.D

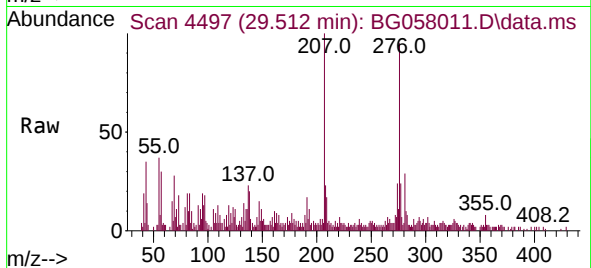
Acq: 5 Jul 2023 8:16

Instrument :

BNA_G

ClientSampleId :

DCGP5



Tgt Ion:276 Resp: 57338

Ion Ratio Lower Upper

276 100

138 21.0 14.2 21.2

277 24.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023

