

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058235.D
 Acq On : 14 Jul 2023 17:47
 Operator : CG/JU
 Sample : 03418-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4644

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 02:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	67255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	303789	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	207367	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	459372	20.000	ng/u1	0.00
79) Chrysene-d12	21.537	240	386860	20.000	ng/u1	0.00
88) Perylene-d12	24.686	264	479819	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5611m	2.921	ng/uL	0.00
4) Pyridine-d5	3.764	84	28815	4.942	ng/u1	0.01
7) Phenol-d5	7.071	99	141305	20.573	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	87896	21.235	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	102216	21.578	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	75689	14.604	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	53937	21.784	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	60793	23.362	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	109114	21.858	ng/u1	0.00
31) 4-Chloroaniline-d4	10.820	131	964m	0.127	ng/u1	-0.02
46) Dimethylphthalate-d6	13.946	166	354297	21.654	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	401096	22.465	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	54532m	18.865	ng/u1	0.00
60) Fluorene-d10	15.532	176	325131	23.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	45837	18.376	ng/u1	0.00
73) Anthracene-d10	17.383	188	417137	19.569	ng/u1	0.00
81) Pyrene-d10	19.674	212	584473	23.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.463	264	508949	20.820	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.095	94	7263	1.042	ng/u1#	73
16) Acetophenone	8.722	105	40553	4.716	ng/u1	93
72) Phenanthrene	17.324	178	59832	2.561	ng/u1	98
80) Fluoranthene	19.339	202	93967	3.328	ng/u1	98
82) Pyrene	19.704	202	98300	3.459	ng/u1	99
85) Benzo(a)anthracene	21.519	228	43455	1.564	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.419	149	104827	6.348	ng/u1	96
87) Chrysene	21.584	228	57539	2.210	ng/u1#	95
90) Benzo(b)fluoranthene	23.681	252	61713	2.077	ng/u1#	83
93) Benzo(a)pyrene	24.527	252	38384	1.460	ng/u1#	85
96) Benzo(g,h,i)perylene	29.369	276	34042	1.194	ng/u1#	92

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

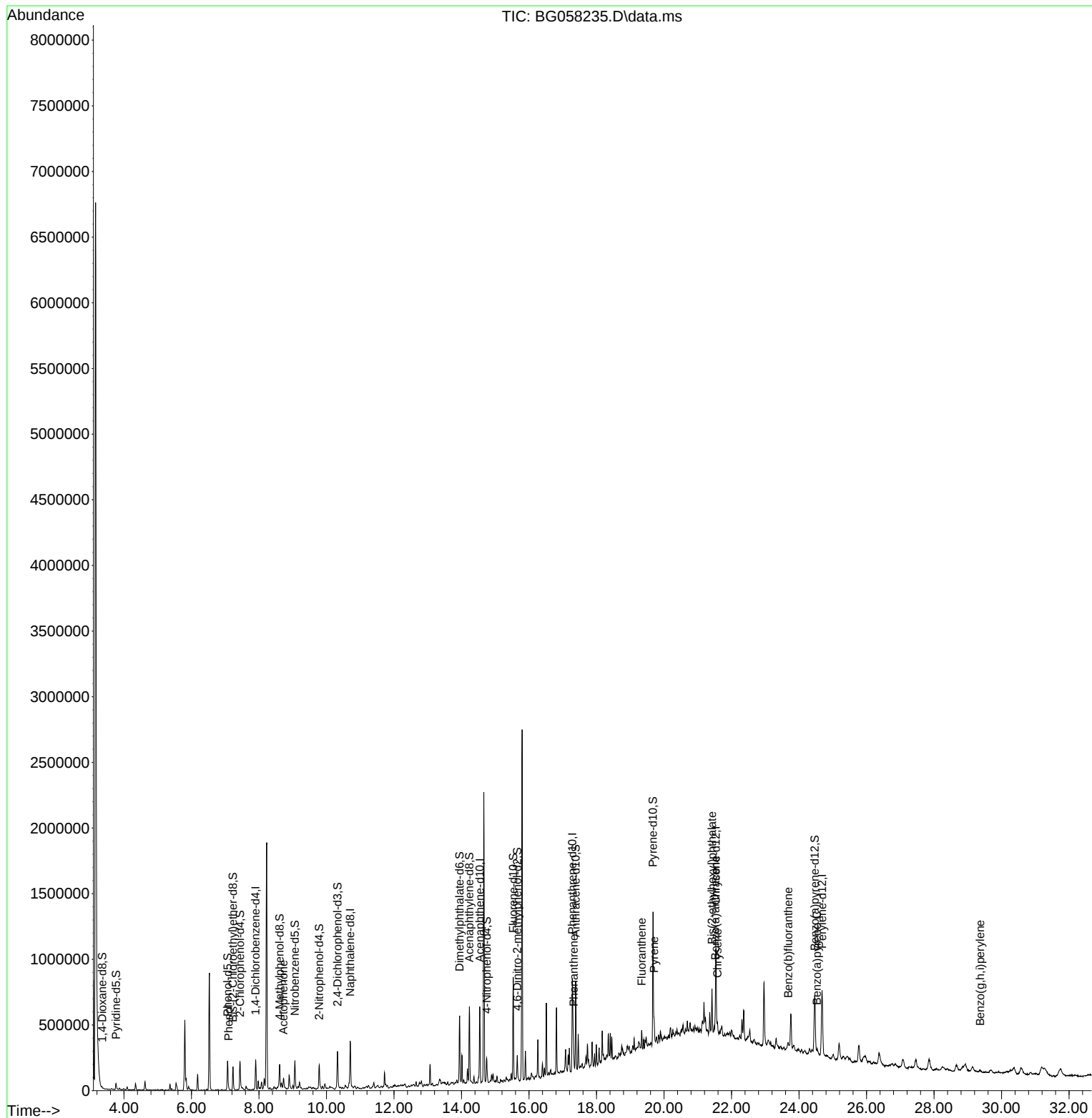
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058235.D
Acq On : 14 Jul 2023 17:47
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ALS Vial : 43 Sample Multiplier: 1

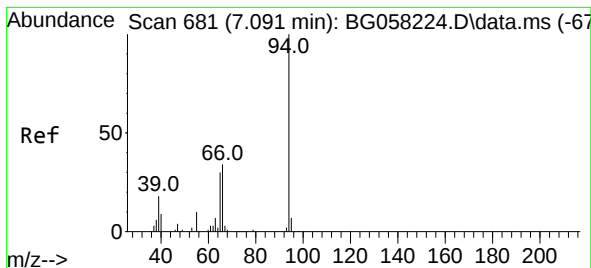
Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration





#8

Phenol

Concen: 1.042 ng/ul

RT: 7.095 min Scan# 681

Delta R.T. 0.000 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Instrument :

BNA_G

ClientSampleId :

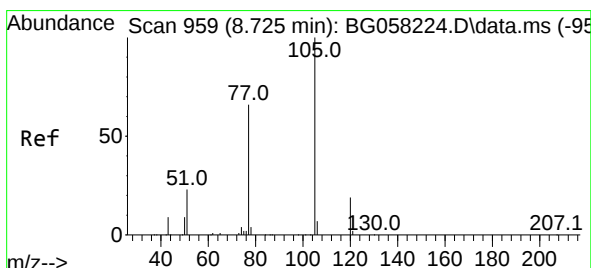
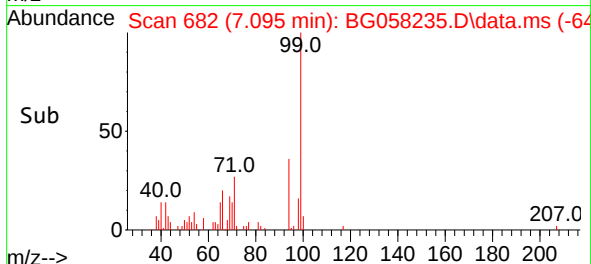
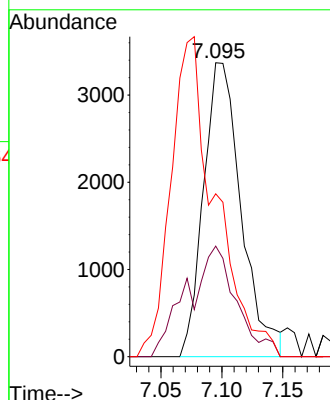
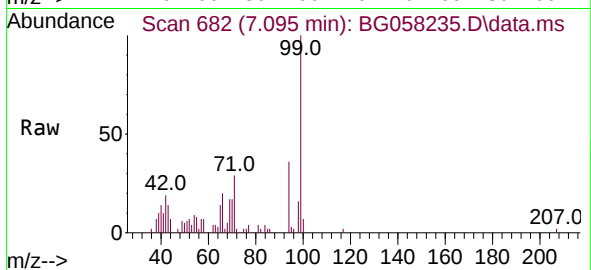
A4644

Tgt Ion: 94	Resp: 726
Ion Ratio	Lower Upper
94 100	
65 37.6	22.2 33.4
66 55.4	28.6 43.0

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#16

Acetophenone

Concen: 4.716 ng/ul

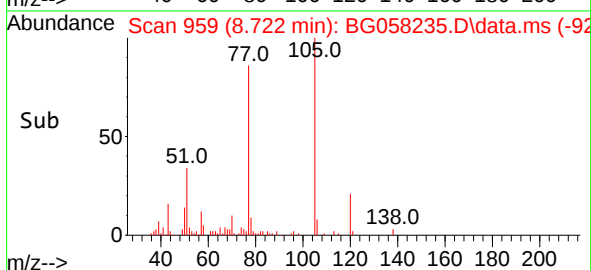
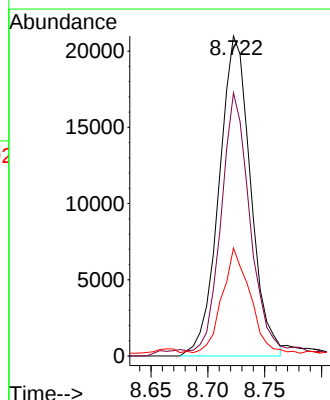
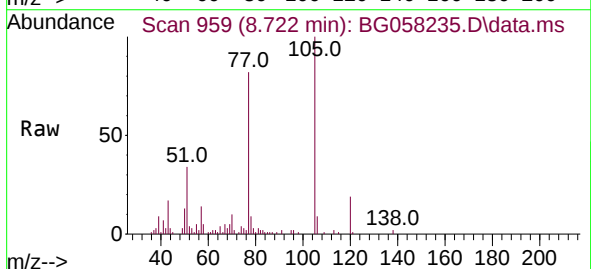
RT: 8.722 min Scan# 959

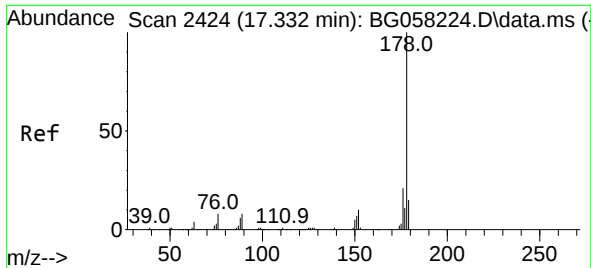
Delta R.T. 0.000 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Tgt Ion:105	Resp: 40553
Ion Ratio	Lower Upper
105 100	
77 82.2	61.2 91.8
51 33.8	23.5 35.3





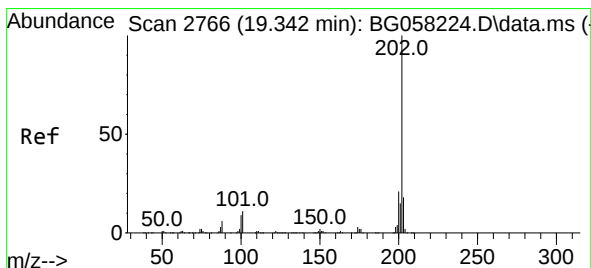
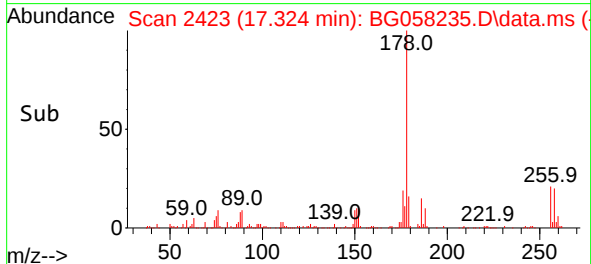
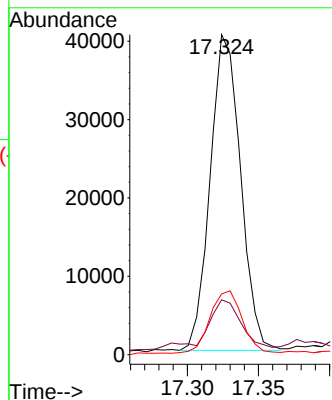
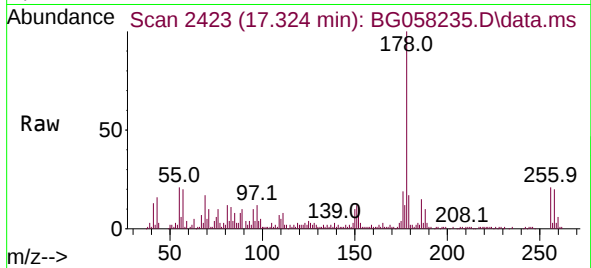
#72
Phenanthrene
Concen: 2.561 ng/ul
RT: 17.324 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Instrument :
BNA_G
ClientSampleId :
A4644

Tgt Ion:178 Resp: 5983
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 19.0 15.7 23.5

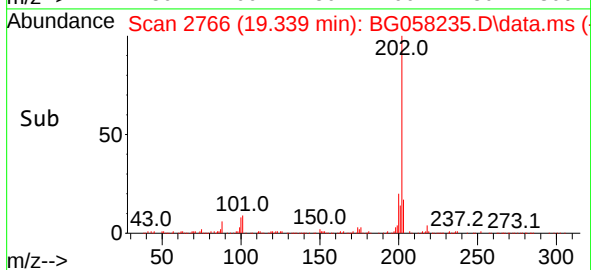
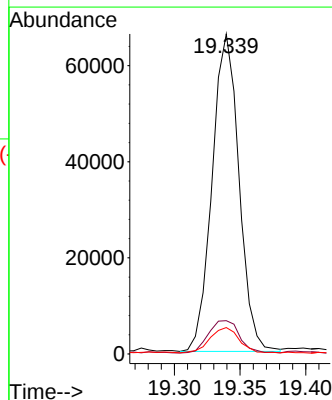
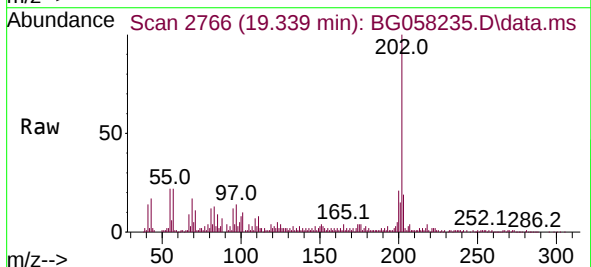
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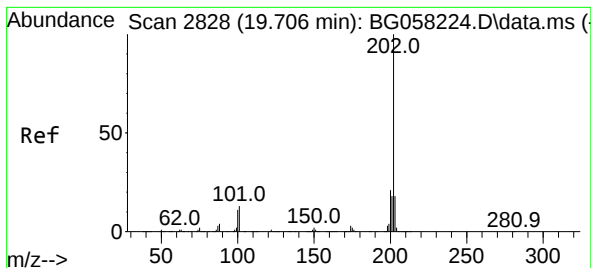
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#80
Fluoranthene
Concen: 3.328 ng/ul
RT: 19.339 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion:202 Resp: 93967
Ion Ratio Lower Upper
202 100
101 10.4 9.1 13.7
100 8.3 7.1 10.7





#82

Pyrene

Concen: 3.459 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Instrument :

BNA_G

ClientSampleId :

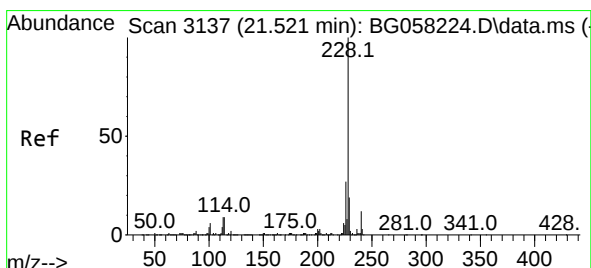
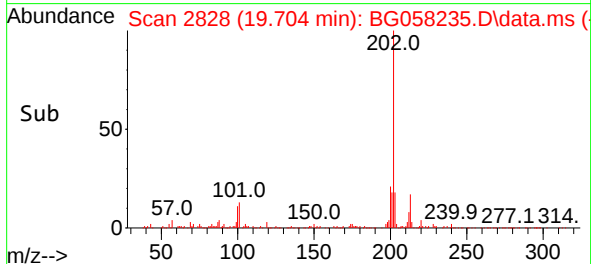
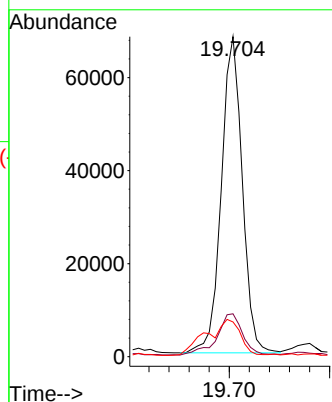
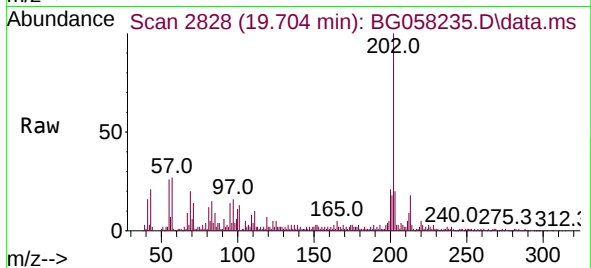
A4644

Tgt Ion:	202	Resp:	98300
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.2	15.2
100	10.8	8.9	13.3

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.564 ng/ul

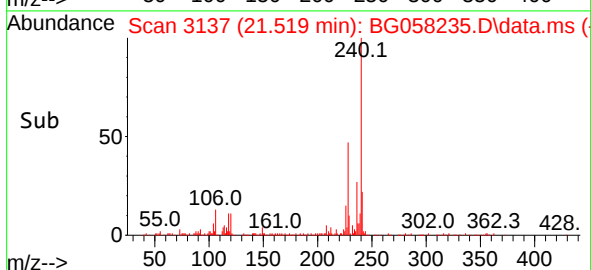
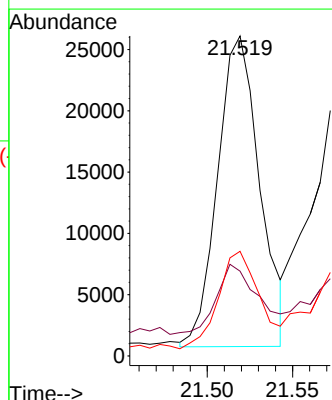
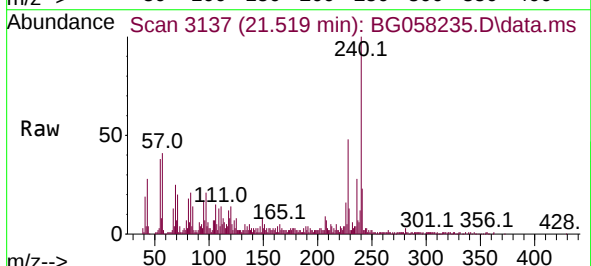
RT: 21.519 min Scan# 3137

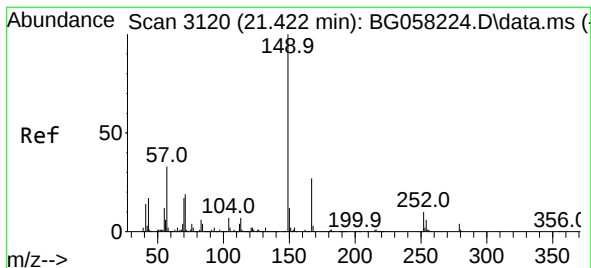
Delta R.T. -0.006 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

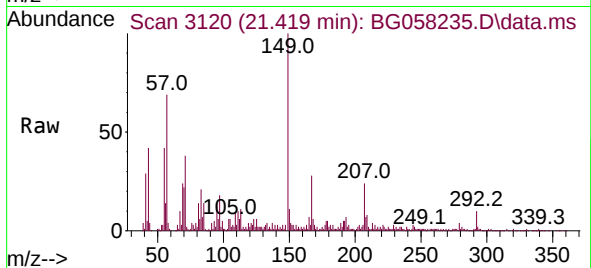
Tgt Ion:	228	Resp:	43455
Ion Ratio	Lower	Upper	
228	100		
229	26.5	16.0	24.0#
226	32.7	22.0	33.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.348 ng/ul
RT: 21.419 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

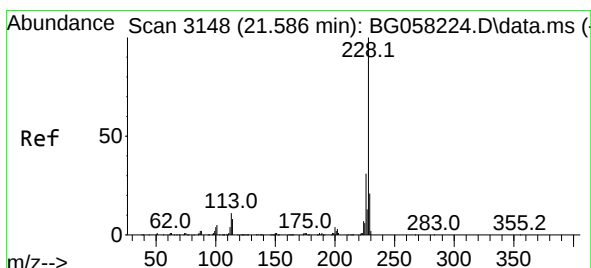
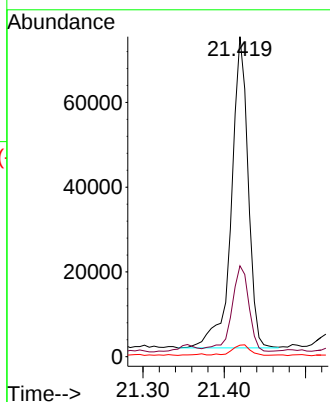
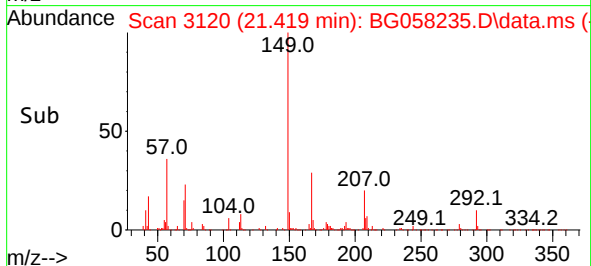
Instrument :
BNA_G
ClientSampleId :
A4644



Tgt Ion:149 Resp: 10482
Ion Ratio Lower Upper
149 100
167 28.4 20.9 31.3
279 3.6 3.1 4.7

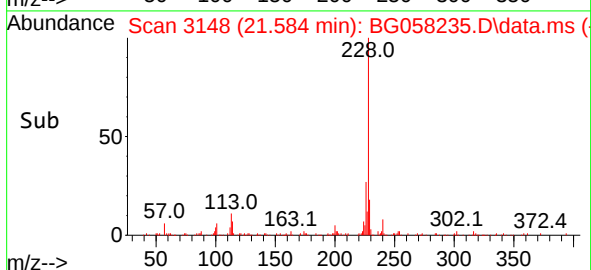
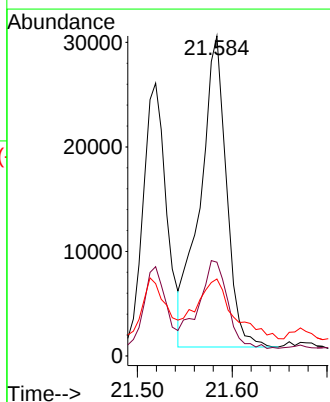
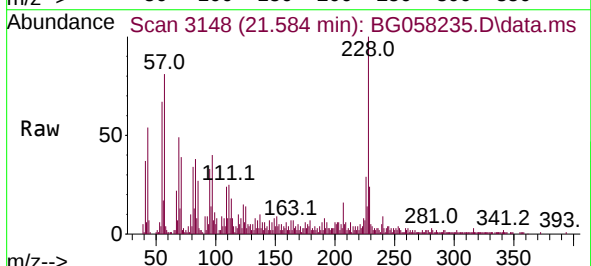
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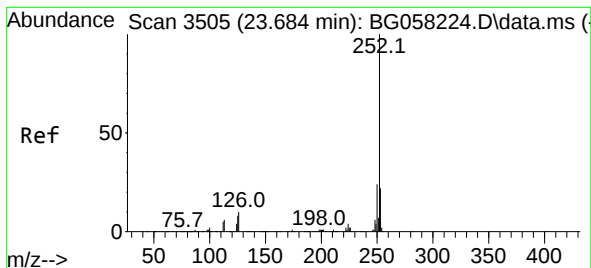
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#87
Chrysene
Concen: 2.210 ng/ul
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion:228 Resp: 57539
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 24.0 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 2.077 ng/ul

RT: 23.681 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Instrument :

BNA_G

ClientSampleId :

A4644

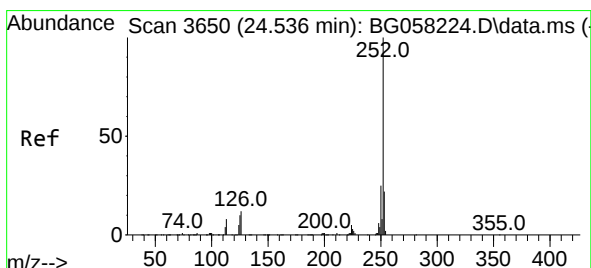
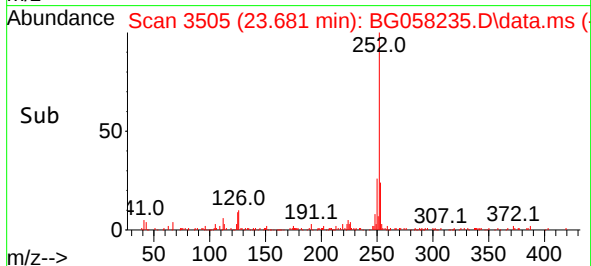
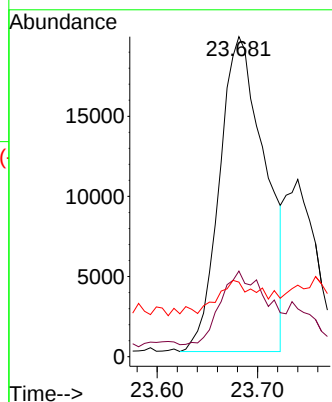
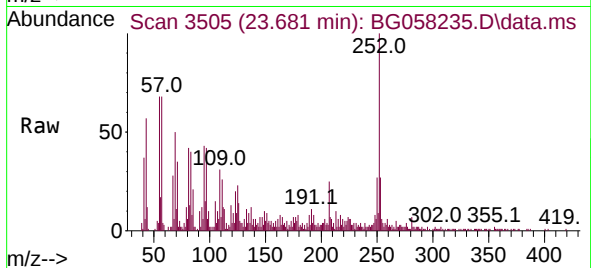
Tgt Ion:252 Resp: 6171

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	23.3	7.5	11.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.460 ng/ul

RT: 24.527 min Scan# 3649

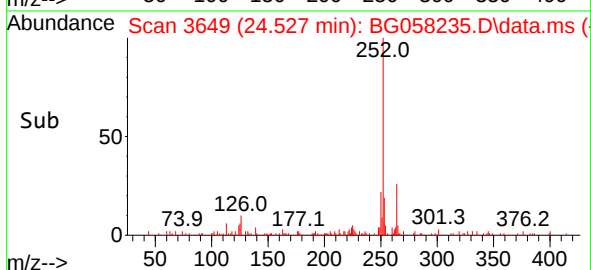
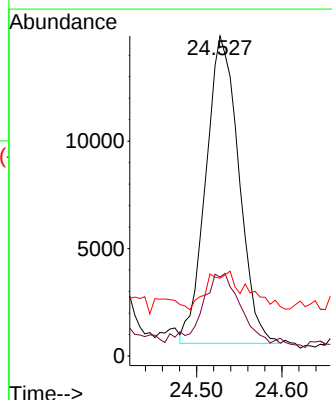
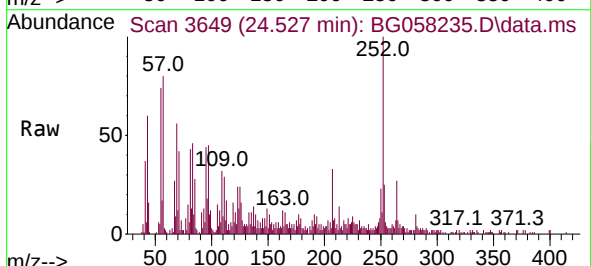
Delta R.T. -0.011 min

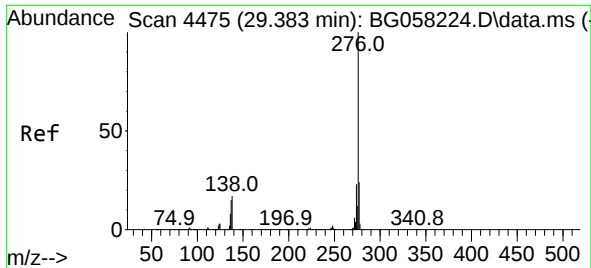
Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Tgt Ion:252 Resp: 38384

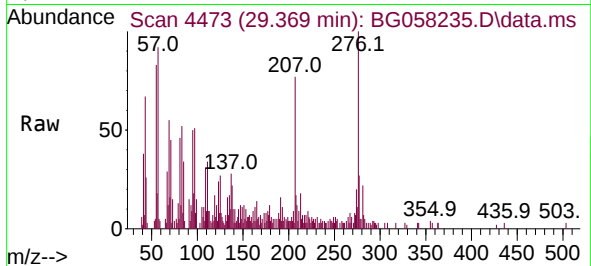
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	24.3	8.3	12.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.194 ng/ul
 RT: 29.369 min Scan# 4473
 Delta R.T. -0.023 min
 Lab File: BG058235.D
 Acq: 14 Jul 2023 17:47

Instrument :
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Tgt Ion:	276	Resp:	3404
Ion Ratio	Lower	Upper	
276	100		
138	22.0	14.2	21.2
277	26.6	18.6	27.8

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