

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058327.D
 Acq On : 19 Jul 2023 13:45
 Operator : CG/JU
 Sample : 03501-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:43:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	43900	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	206432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	153453	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	369225	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	280520	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	337324	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3068	2.572	ng/uL	0.00
4) Pyridine-d5	3.740	84	40654	11.483	ng/u1	-0.01
7) Phenol-d5	7.059	99	52035	12.495	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	40697	15.635	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	42848	14.698	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	2836	0.893	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	24984	16.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	29202	17.287	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	39874	12.313	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	608	0.130	ng/u1	-0.03
46) Dimethylphthalate-d6	13.934	166	190613	16.108	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	193603	15.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	21082	11.797	ng/u1	0.00
60) Fluorene-d10	15.526	176	176480	18.014	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	23254	12.362	ng/u1	0.00
73) Anthracene-d10	17.377	188	178569	11.193	ng/u1	0.00
81) Pyrene-d10	19.668	212	170292	10.278	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	62095	3.809	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.716	105	6106	1.129	ng/u1#	95
52) Acenaphthene	14.598	153	16674	1.794	ng/u1	93
61) Fluorene	15.579	166	23193	2.137	ng/u1#	98
72) Phenanthrene	17.324	178	226104	12.886	ng/u1	99
74) Anthracene	17.412	178	32772	1.860	ng/u1	98
78) Di-n-butylphthalate	18.240	149	1583186	81.596	ng/u1	97
80) Fluoranthene	19.333	202	227082	11.964	ng/u1	98
82) Pyrene	19.697	202	115799	6.021	ng/u1	98
85) Benzo(a)anthracene	21.513	228	89139	4.728	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	43286	4.019	ng/u1	95
87) Chrysene	21.572	228	88388	4.942	ng/u1	97
90) Benzo(b)fluoranthene	23.669	252	91566	4.692	ng/u1#	97
91) Benzo(k)fluoranthene	23.722	252	36681m	1.884	ng/u1	

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

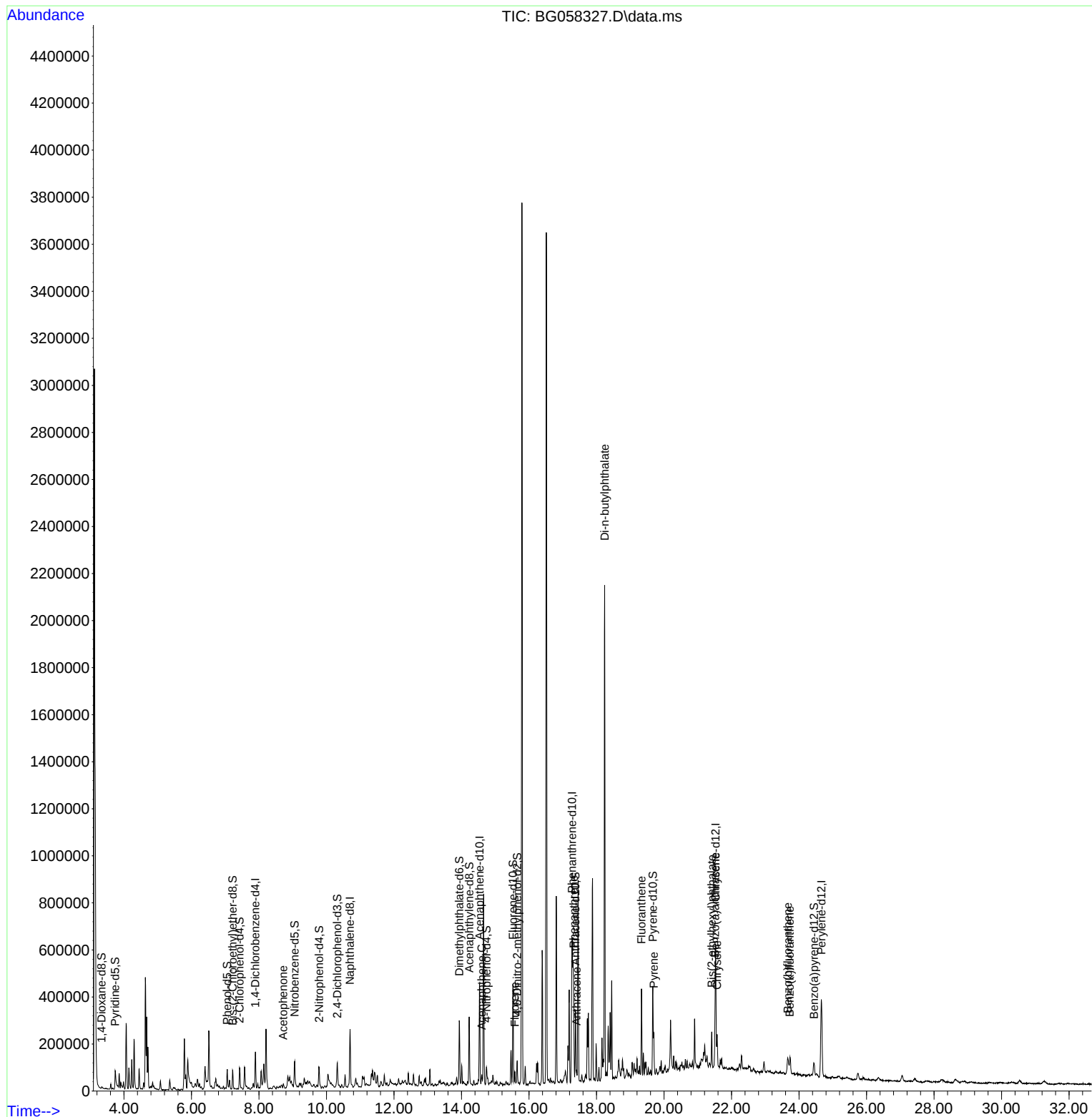
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058327.D
Acq On : 19 Jul 2023 13:45
Operator : CG/JU
Sample : 03501-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

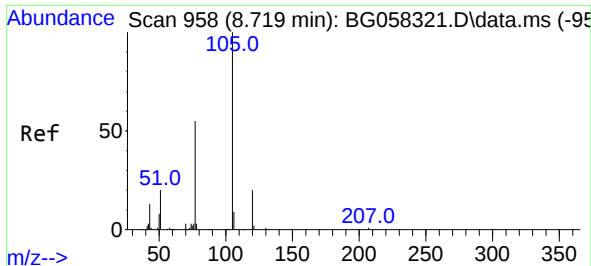
Instrument :
BNA_G
ClientSampleId :
A46X7

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Supervised By :mohammad ahmed 07/20/2023

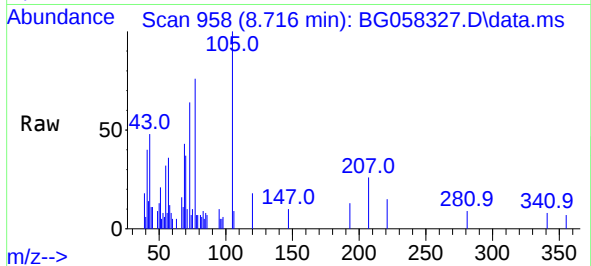
Quant Time: Jul 20 00:43:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.129 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

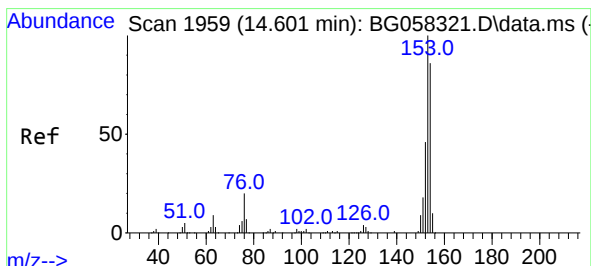
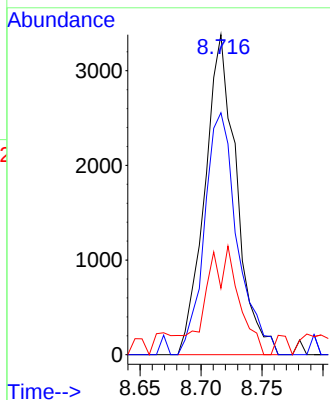
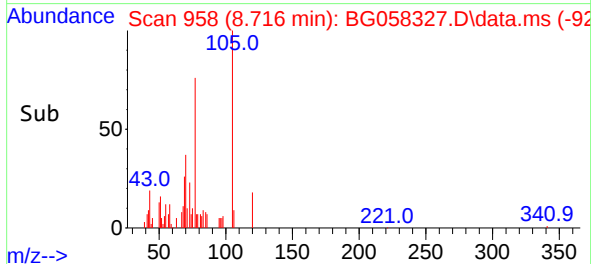
Instrument :
BNA_G
ClientSampleId :
A46X7



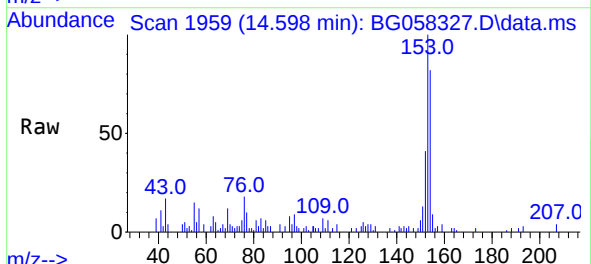
Tgt Ion:105 Resp: 6100
Ion Ratio Lower Upper
105 100
77 75.6 60.7 91.1
51 20.8 23.5 35.3

Manual Integrations
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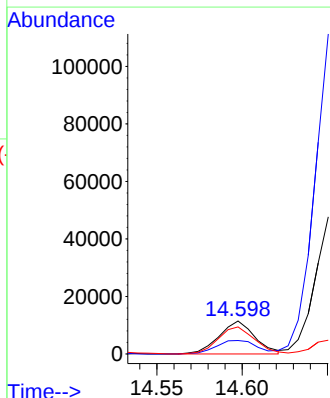
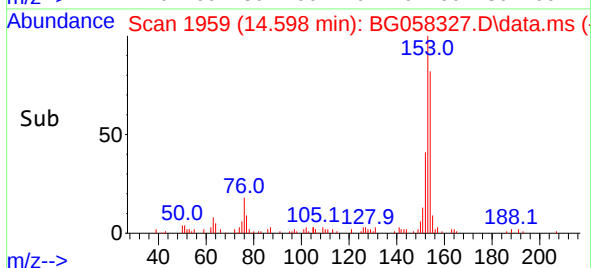
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

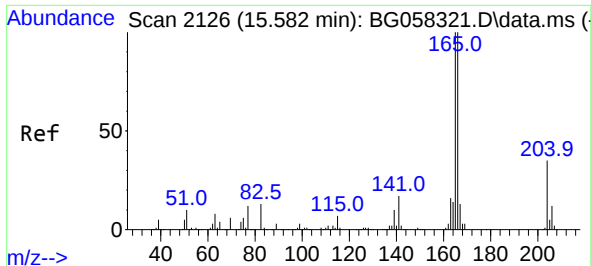


#52
Acenaphthene
Concen: 1.794 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45



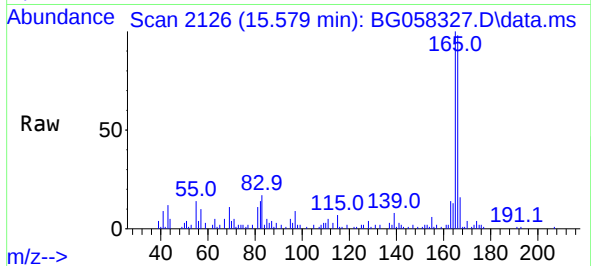
Tgt Ion:153 Resp: 16674
Ion Ratio Lower Upper
153 100
152 40.8 39.1 58.7
154 82.0 68.7 103.1





#61
Fluorene
Concen: 2.137 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

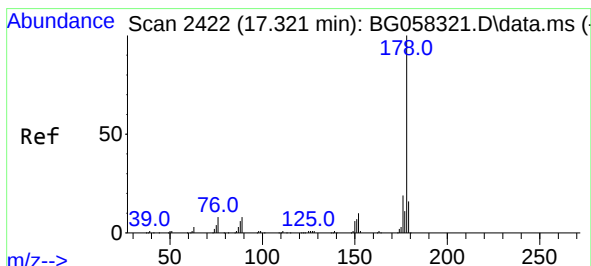
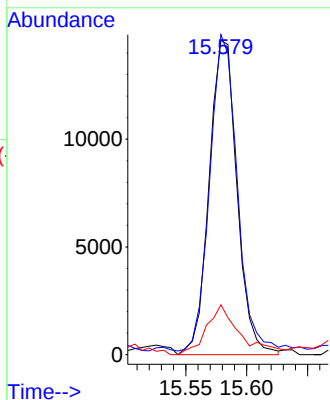
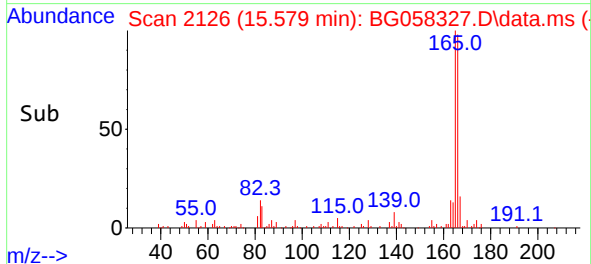
Instrument :
BNA_G
ClientSampleId :
A46X7



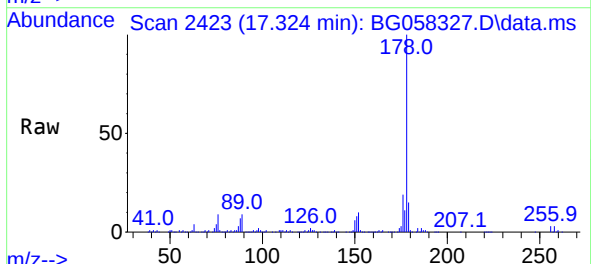
Tgt Ion:166 Resp: 2319
Ion Ratio Lower Upper
166 100
165 101.8 80.2 120.2
167 15.9 10.5 15.7

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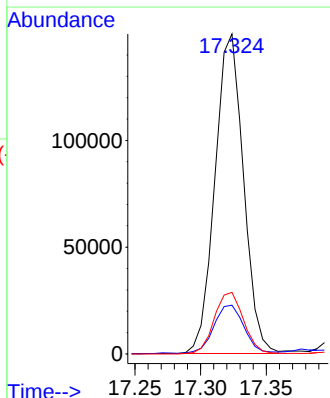
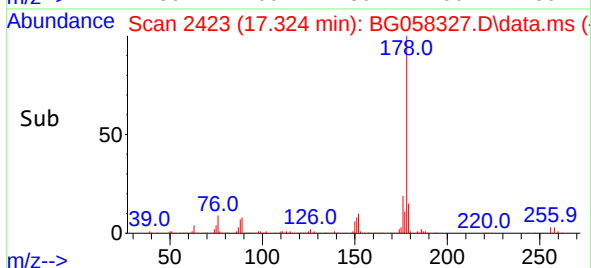
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

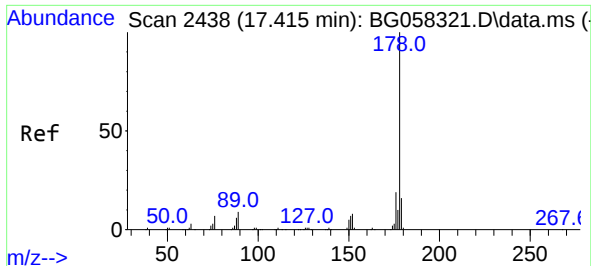


#72
Phenanthrene
Concen: 12.886 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45



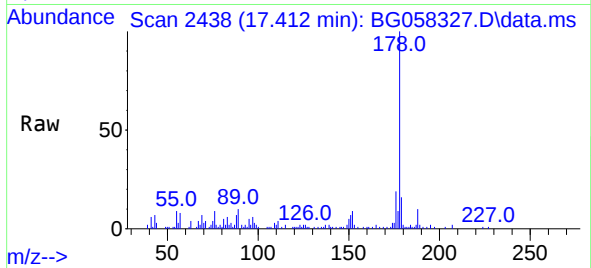
Tgt Ion:178 Resp: 226104
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 19.2 15.8 23.8





#74
 Anthracene
 Concen: 1.860 ng/ul
 RT: 17.412 min Scan# 2438
 Delta R.T. -0.005 min
 Lab File: BG058327.D
 Acq: 19 Jul 2023 13:45

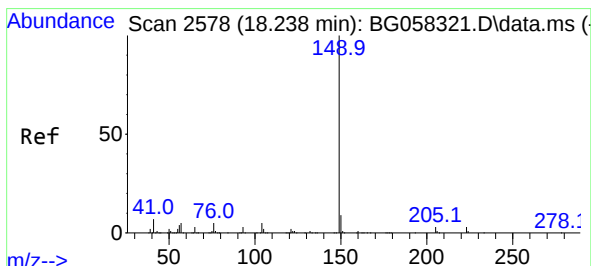
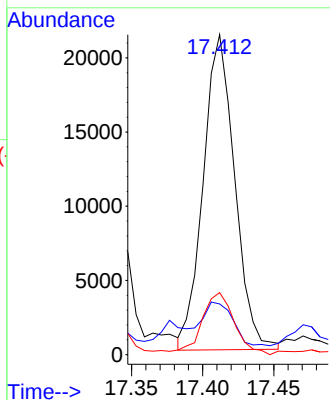
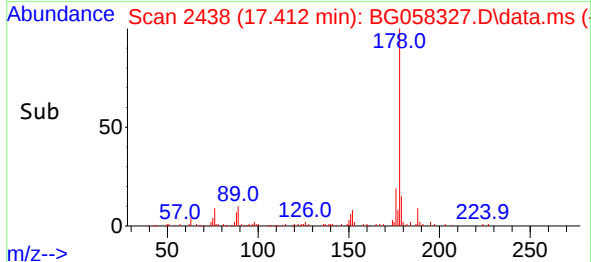
Instrument :
 BNA_G
 ClientSampleId :
 A46X7



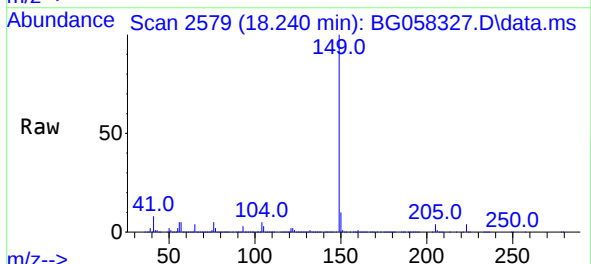
Tgt Ion:178 Resp: 32772
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.4 20.2
 176 19.4 16.2 24.2

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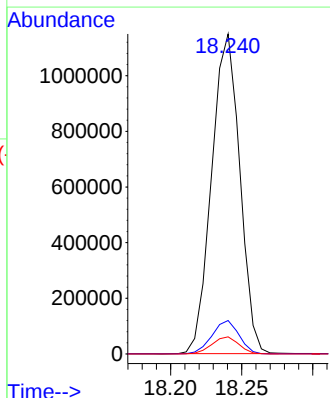
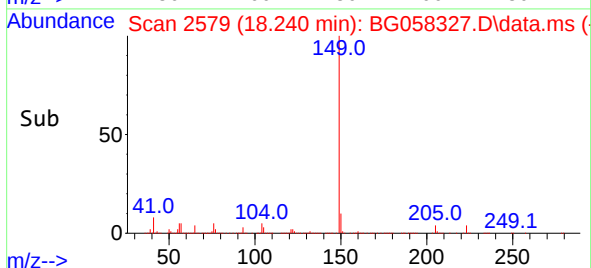
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

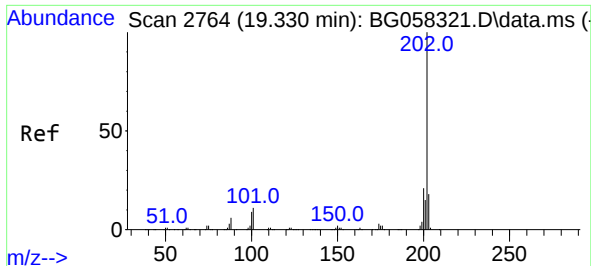


#78
 Di-n-butylphthalate
 Concen: 81.596 ng/ul
 RT: 18.240 min Scan# 2579
 Delta R.T. 0.001 min
 Lab File: BG058327.D
 Acq: 19 Jul 2023 13:45



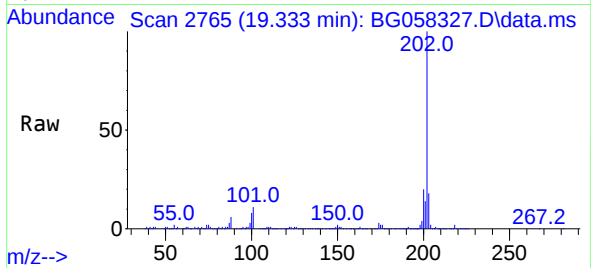
Tgt Ion:149 Resp: 1583186
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.2 10.8
 104 5.3 3.9 5.9





#80
Fluoranthene
Concen: 11.964 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

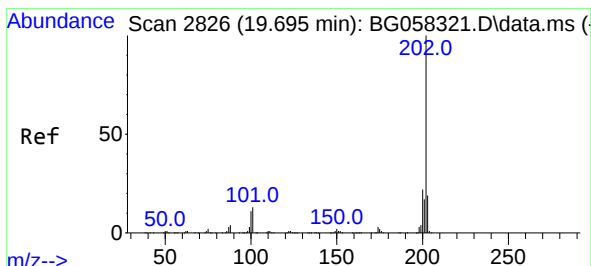
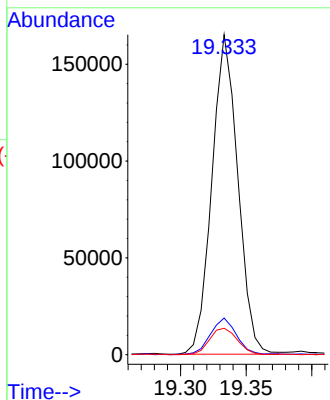
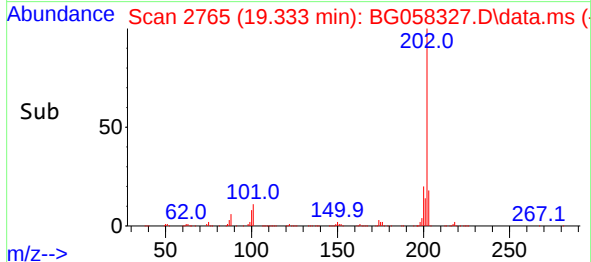
Instrument :
BNA_G
ClientSampleId :
A46X7



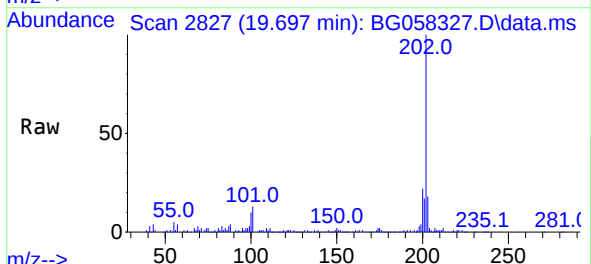
Tgt Ion:202 Resp: 22708
Ion Ratio Lower Upper
202 100
101 11.5 8.6 12.8
100 8.3 7.2 10.8

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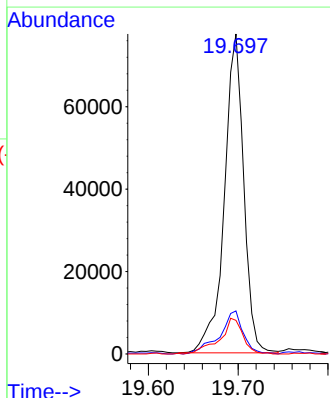
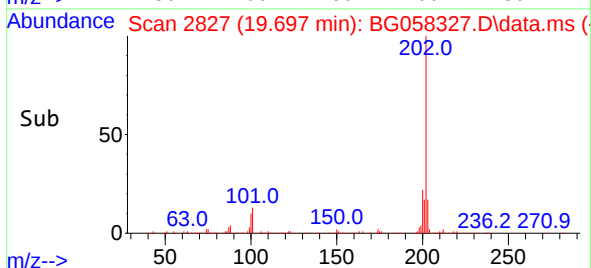
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

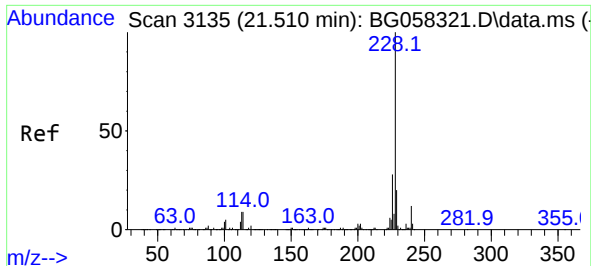


#82
Pyrene
Concen: 6.021 ng/u1
RT: 19.697 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45



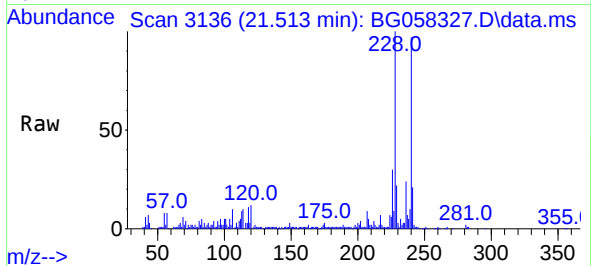
Tgt Ion:202 Resp: 115799
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 10.5 8.9 13.3





#85
Benzo(a)anthracene
Concen: 4.728 ng/ul
RT: 21.513 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

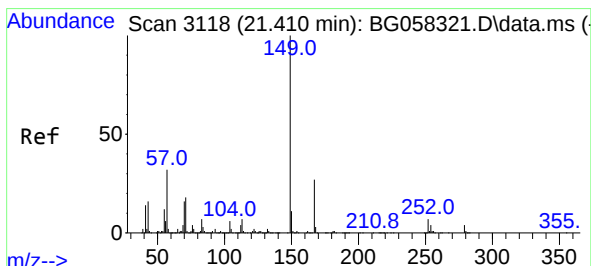
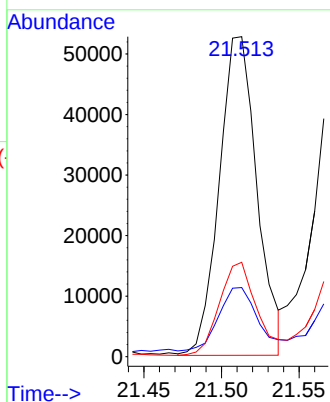
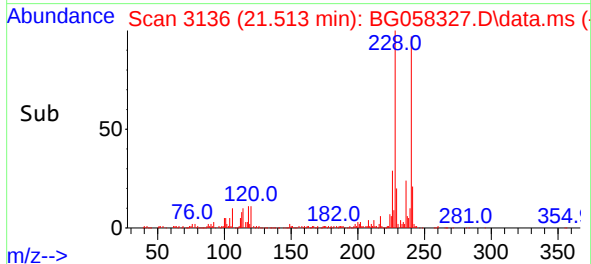
Instrument :
BNA_G
ClientSampleId :
A46X7



Tgt Ion:228 Resp: 89139
Ion Ratio Lower Upper
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229 21.6 15.7 23.5
226 29.5 21.8 32.8

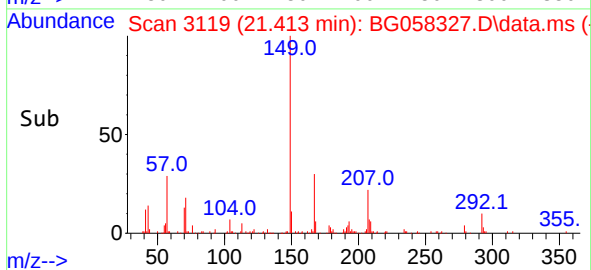
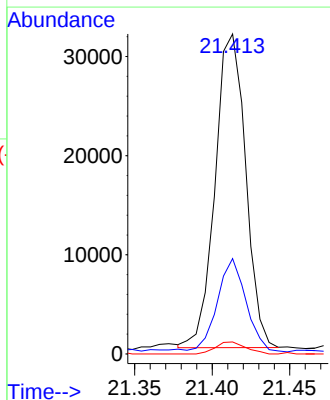
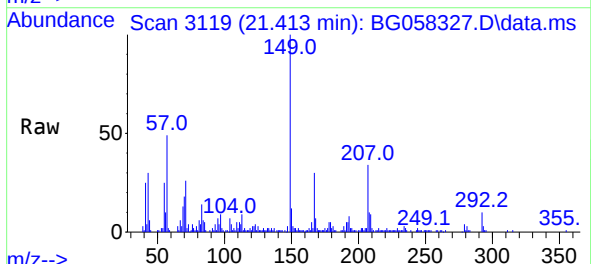
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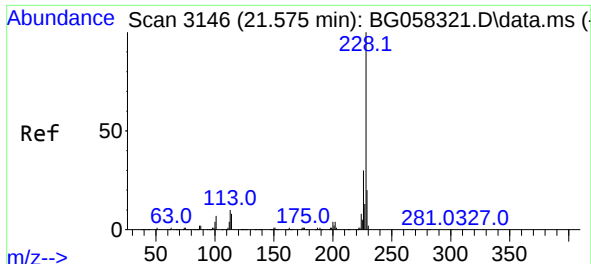
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.019 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

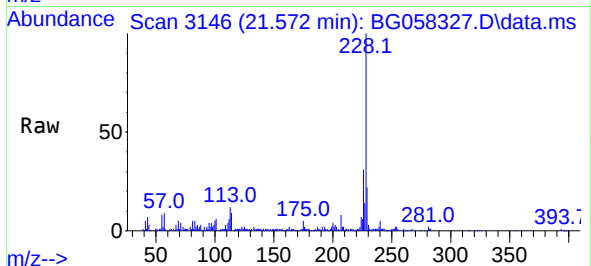
Tgt Ion:149 Resp: 43286
Ion Ratio Lower Upper
149 100
167 29.8 21.6 32.4
279 3.8 3.0 4.4





#87
Chrysene
Concen: 4.942 ng/u1
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

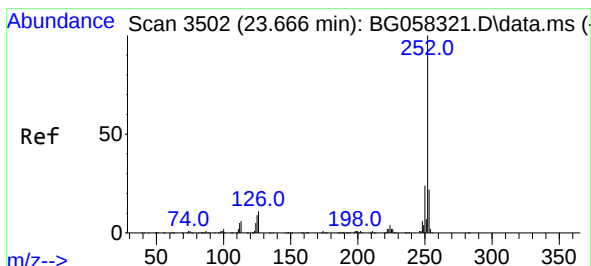
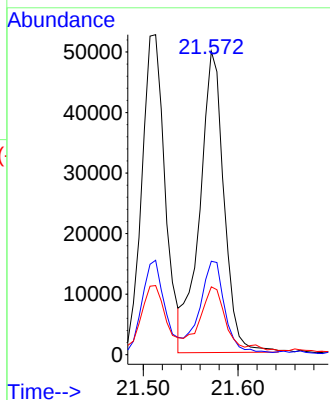
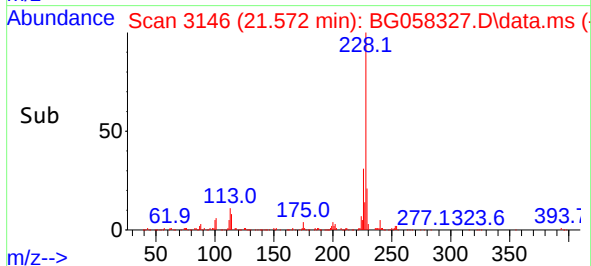
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 88388
Ion Ratio Lower Upper
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226 30.8 24.0 36.0
229 22.4 15.8 23.8

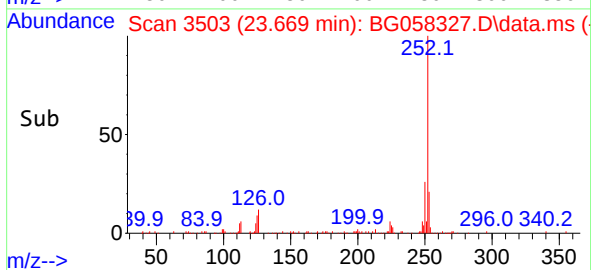
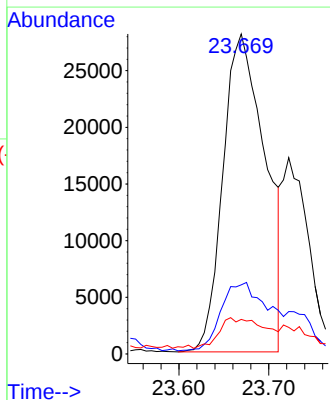
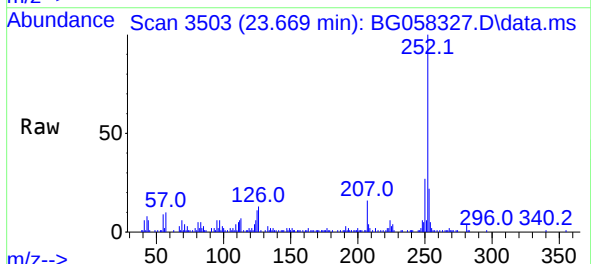
Manual Integrations
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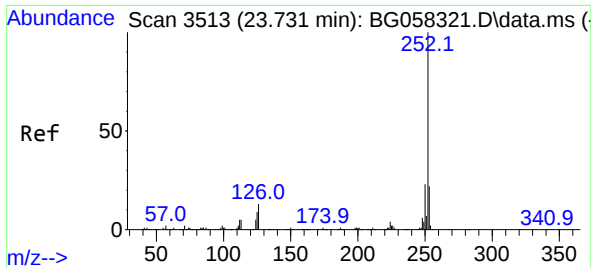
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#90
Benzo(b)fluoranthene
Concen: 4.692 ng/u1
RT: 23.669 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

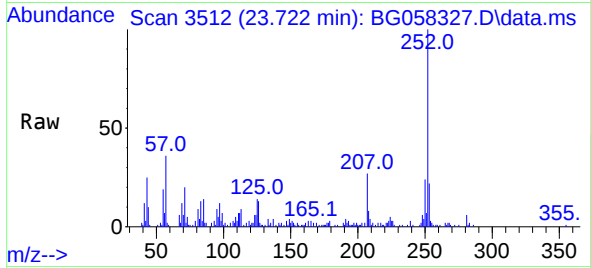
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Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.8 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 1.884 ng/ul m
RT: 23.722 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

Instrument :
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Tgt Ion:252 Resp: 3668
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 13.5 7.4 11.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

