

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058313.D
 Acq On : 18 Jul 2023 23:18
 Operator : CG/JU
 Sample : 03444-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 06:08:20 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	7.897	152	42094	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	198897	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	148872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	353773	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	290389	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	354125	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2095	1.832	ng/uL	0.00
4) Pyridine-d5	3.754	84	12987	3.826	ng/u1	0.00
7) Phenol-d5	7.062	99	46653	11.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	30026	12.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.427	132	33790	12.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.608	113	15620	5.128	ng/u1	0.00
21) Nitrobenzene-d5	9.054	128	17997	12.072	ng/u1	0.00
24) 2-Nitrophenol-d4	9.777	143	20189	12.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	35667	11.432	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	6042m	1.336	ng/u1	0.00
46) Dimethylphthalate-d6	13.937	166	137259	11.956	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	151059	12.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.736	143	17733m	10.228	ng/u1	0.00
60) Fluorene-d10	15.523	176	130892	13.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	17373	9.639	ng/u1	0.00
73) Anthracene-d10	17.374	188	165618	10.835	ng/u1	0.00
81) Pyrene-d10	19.665	212	201557	11.752	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.436	264	121927	7.124	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	19903	3.837	ng/u1	86
52) Acenaphthene	14.601	153	9774	1.084	ng/u1	97
61) Fluorene	15.582	166	10906	1.036	ng/u1#	87
72) Phenanthrene	17.321	178	167659	9.972	ng/u1	99
74) Anthracene	17.409	178	26311	1.559	ng/u1	98
80) Fluoranthene	19.330	202	212441	10.812	ng/u1	99
82) Pyrene	19.695	202	174244	8.752	ng/u1	99
85) Benzo(a)anthracene	21.510	228	98327	5.038	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	34053	3.054	ng/u1	97
87) Chrysene	21.575	228	101529	5.484	ng/u1	97
90) Benzo(b)fluoranthene	23.666	252	99149	4.839	ng/u1#	97
91) Benzo(k)fluoranthene	23.725	252	44085m	2.157	ng/u1	
93) Benzo(a)pyrene	24.512	252	35792	1.964	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.214	276	34054m	1.418	ng/u1	

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

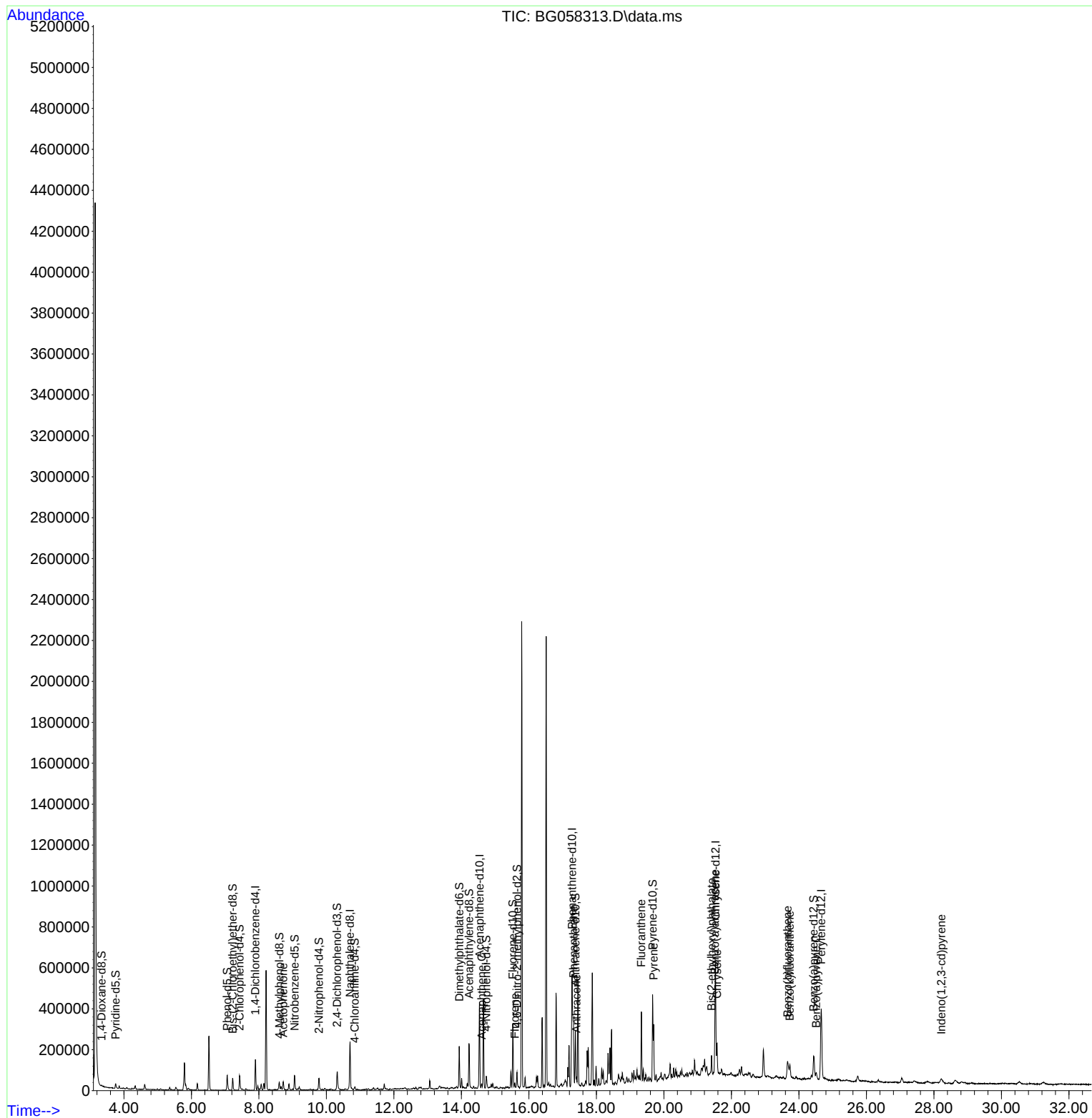
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058313.D
Acq On : 18 Jul 2023 23:18
Operator : CG/JU
Sample : 03444-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

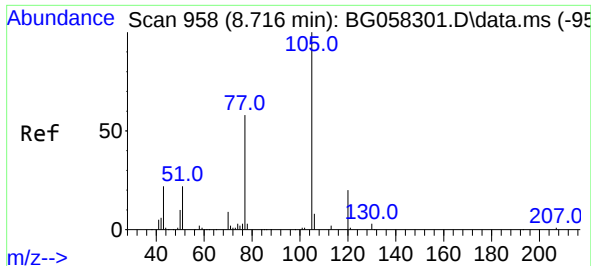
Instrument :
BNA_G
ClientSampleId :
A46X8

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Supervised By :Sohil Jodhani 07/19/2023

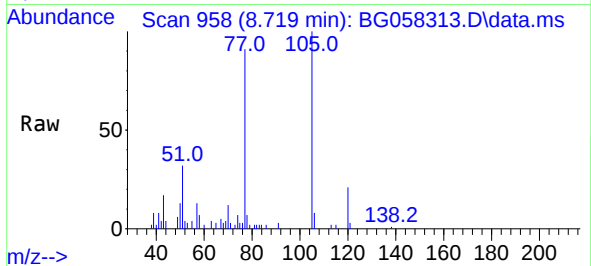
Quant Time: Jul 19 06:08:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.837 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

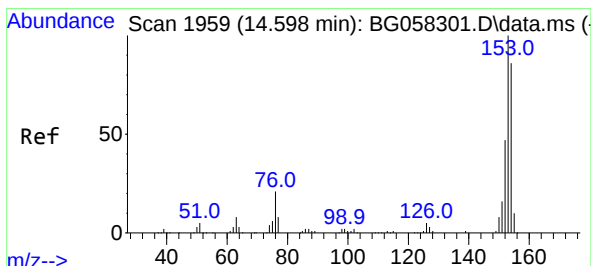
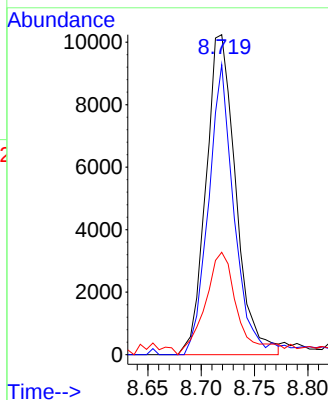
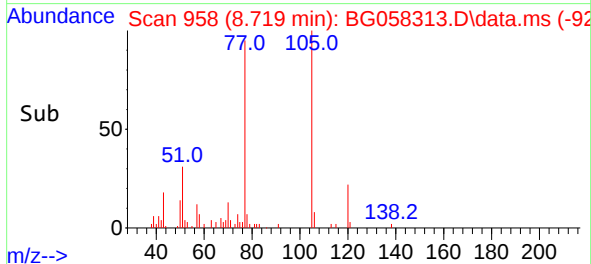
Instrument :
BNA_G
ClientSampleId :
A46X8



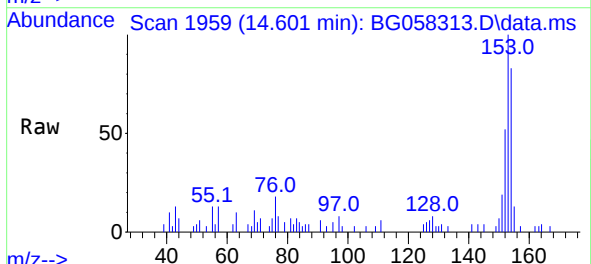
Tgt Ion:	105	Resp:	1990
Ion Ratio	Lower	Upper	
105	100		
77	90.6	60.7	91.1
51	32.0	23.5	35.3

Manual Integrations
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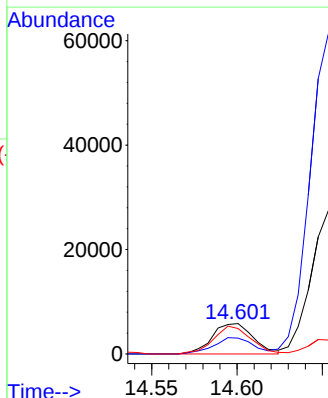
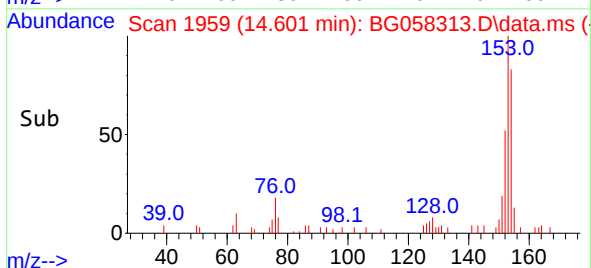
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

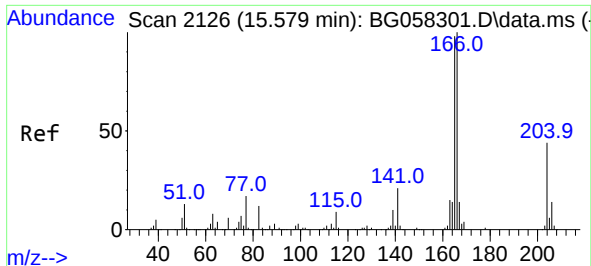


#52
Acenaphthene
Concen: 1.084 ng/ul
RT: 14.601 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18



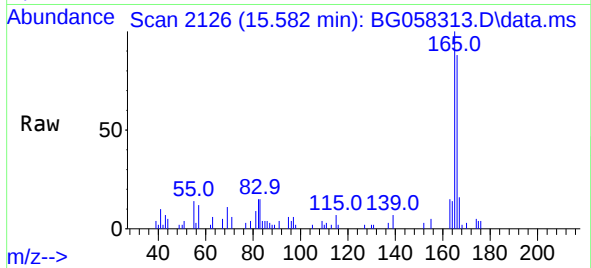
Tgt Ion:	153	Resp:	9774
Ion Ratio	Lower	Upper	
153	100		
152	51.8	39.1	58.7
154	83.3	68.7	103.1





#61
Fluorene
Concen: 1.036 ng/ul
RT: 15.582 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

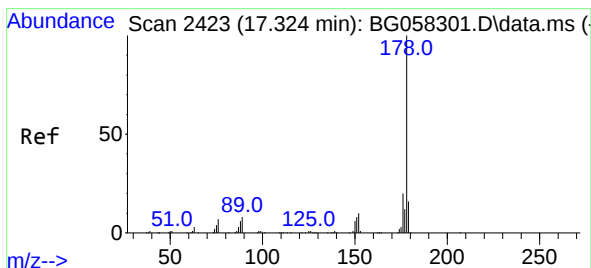
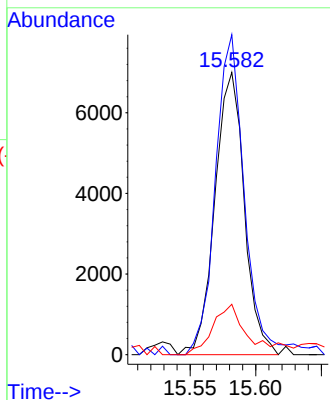
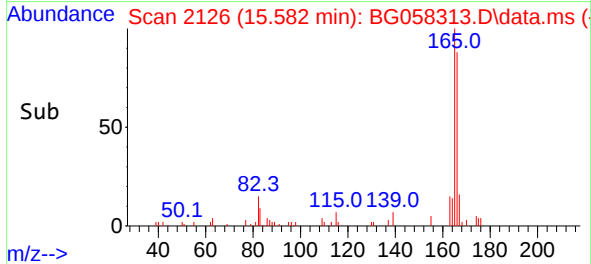
Instrument :
BNA_G
ClientSampleId :
A46X8



Tgt Ion:166 Resp: 10900
Ion Ratio Lower Upper
166 100
165 113.4 80.2 120.2
167 17.8 10.5 15.7

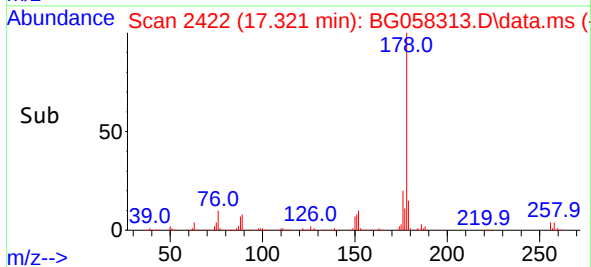
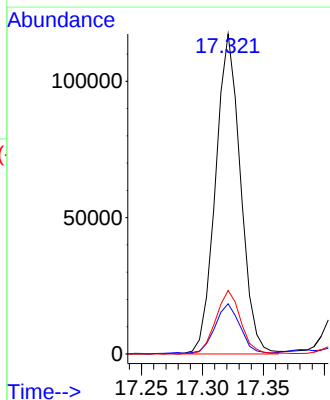
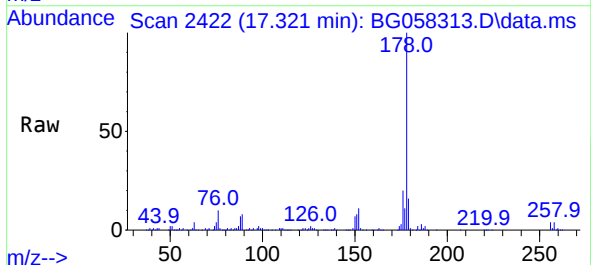
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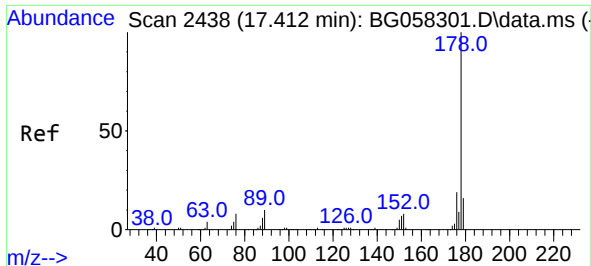
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#72
Phenanthrene
Concen: 9.972 ng/ul
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

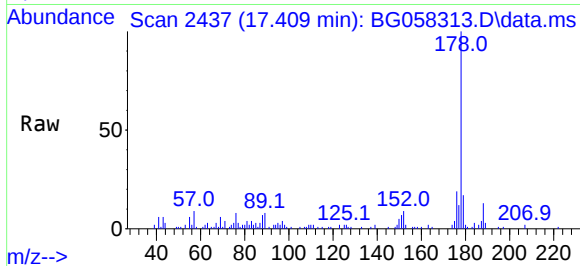
Tgt Ion:178 Resp: 167659
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.8 15.8 23.8





#74
 Anthracene
 Concen: 1.559 ng/ul
 RT: 17.409 min Scan# 2437
 Delta R.T. -0.008 min
 Lab File: BG058313.D
 Acq: 18 Jul 2023 23:18

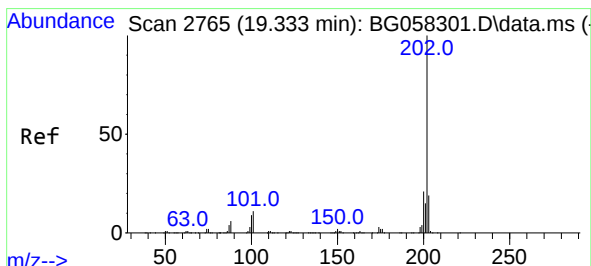
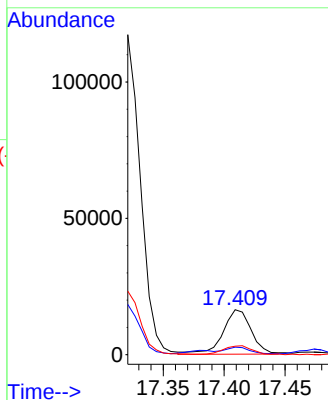
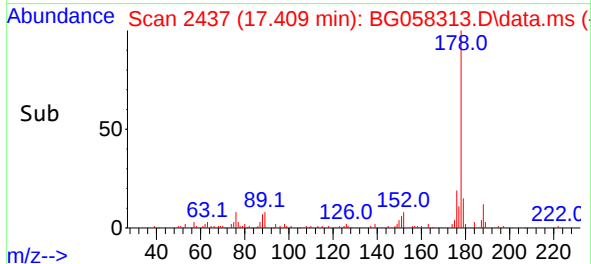
Instrument :
 BNA_G
 ClientSampleId :
 A46X8



Tgt Ion:178 Resp: 2631
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.4 20.2
 176 18.9 16.2 24.2

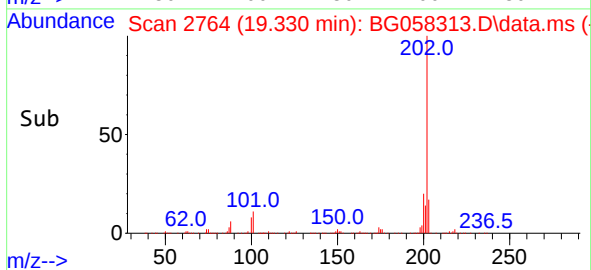
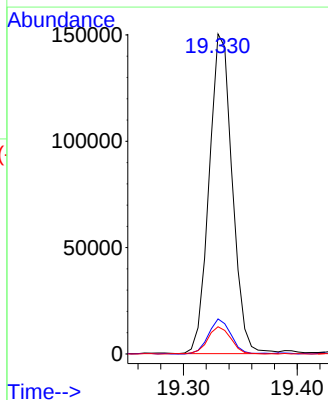
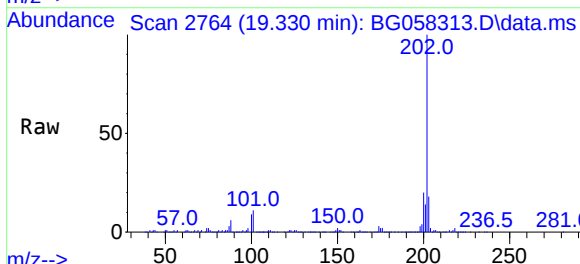
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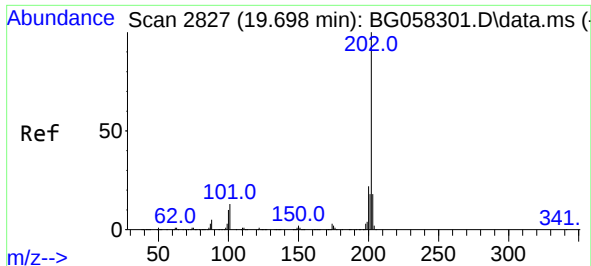
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023



#80
 Fluoranthene
 Concen: 10.812 ng/ul
 RT: 19.330 min Scan# 2764
 Delta R.T. -0.002 min
 Lab File: BG058313.D
 Acq: 18 Jul 2023 23:18

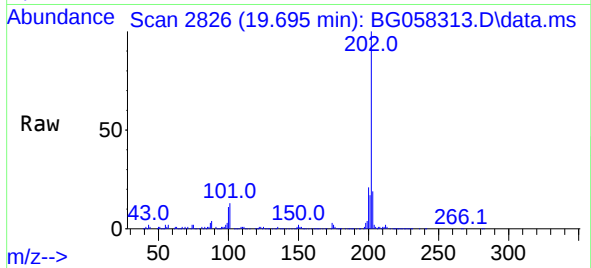
Tgt Ion:202 Resp: 212441
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.6 12.8
 100 8.5 7.2 10.8





#82
 Pyrene
 Concen: 8.752 ng/ul
 RT: 19.695 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058313.D
 Acq: 18 Jul 2023 23:18

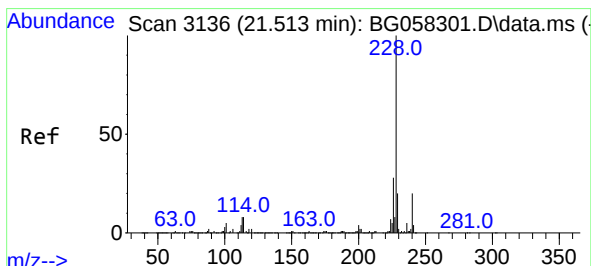
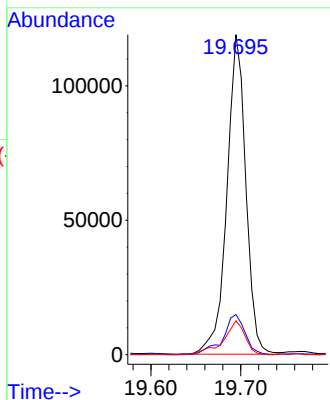
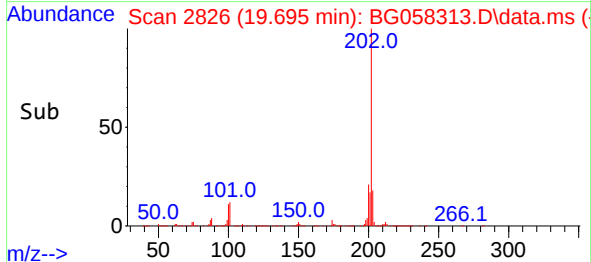
Instrument :
 BNA_G
 ClientSampleId :
 A46X8



Tgt Ion:202 Resp: 174244
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.2 15.2
 100 10.6 8.9 13.3

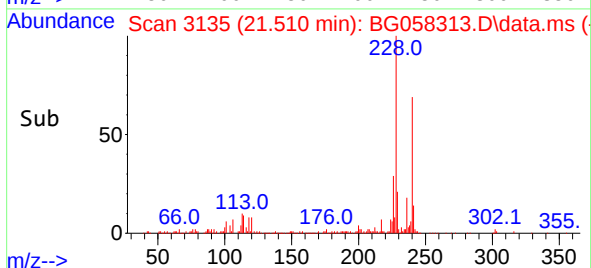
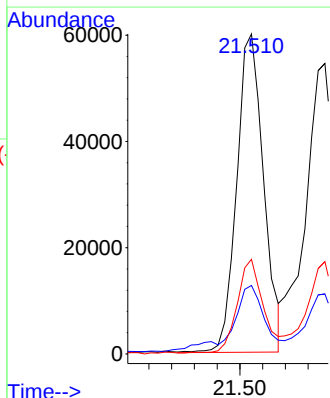
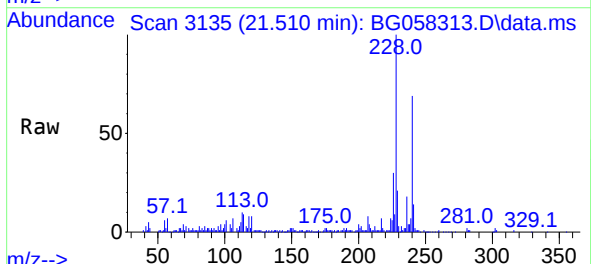
Manual Integrations
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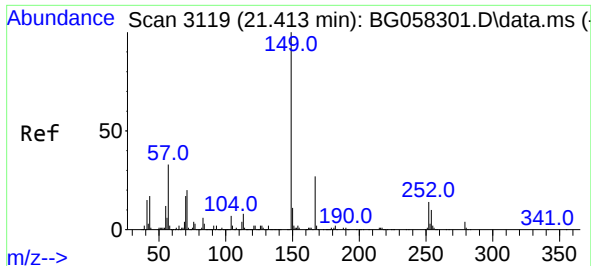
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023



#85
 Benzo(a)anthracene
 Concen: 5.038 ng/ul
 RT: 21.510 min Scan# 3135
 Delta R.T. -0.002 min
 Lab File: BG058313.D
 Acq: 18 Jul 2023 23:18

Tgt Ion:228 Resp: 98327
 Ion Ratio Lower Upper
 228 100
 229 21.4 15.7 23.5
 226 29.6 21.8 32.8





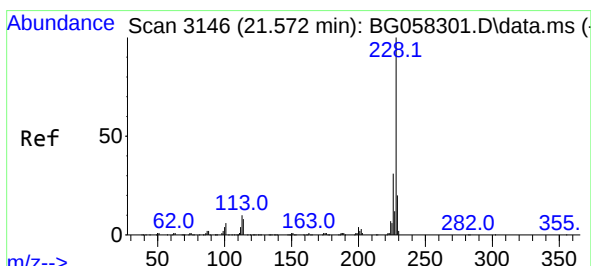
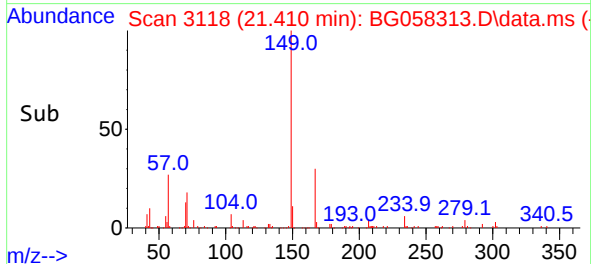
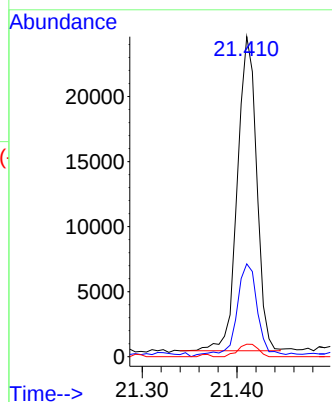
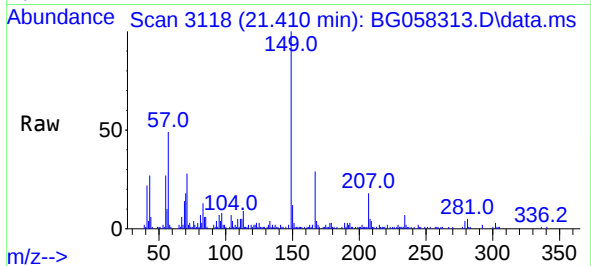
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.054 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Instrument :
BNA_G
ClientSampleId :
A46X8

Tgt Ion:149 Resp: 3405
Ion Ratio Lower Upper
149 100
167 29.0 21.6 32.4
279 3.9 3.0 4.4

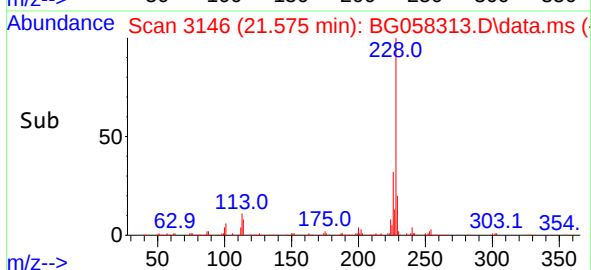
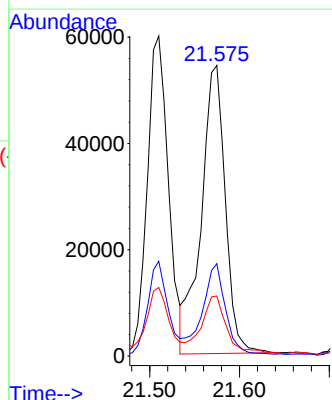
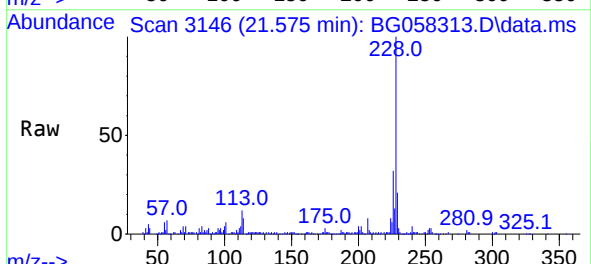
Manual Integrations
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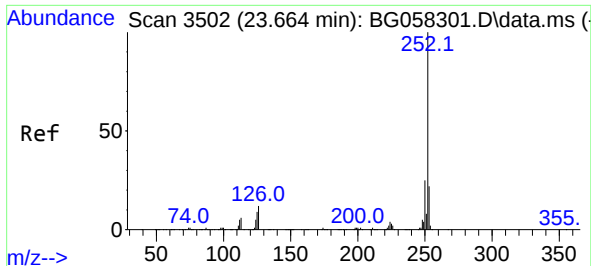
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#87
Chrysene
Concen: 5.484 ng/ul
RT: 21.575 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

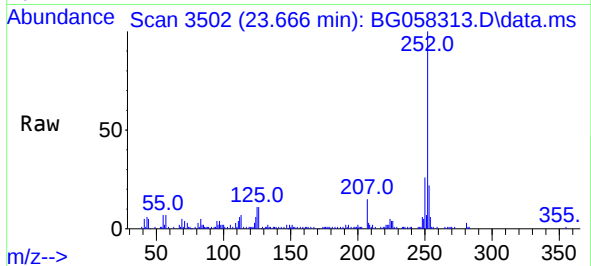
Tgt Ion:228 Resp: 101529
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 20.6 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 4.839 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

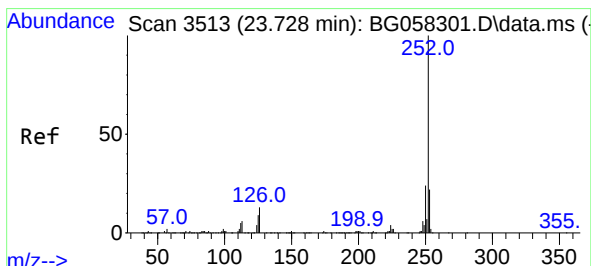
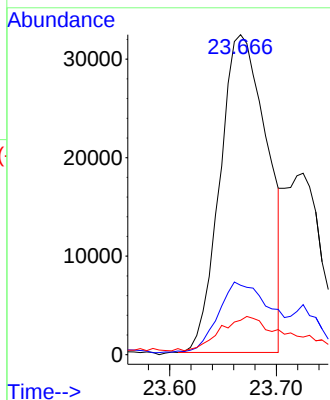
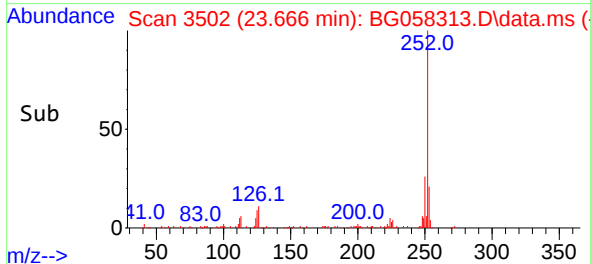
Instrument :
BNA_G
ClientSampleId :
A46X8



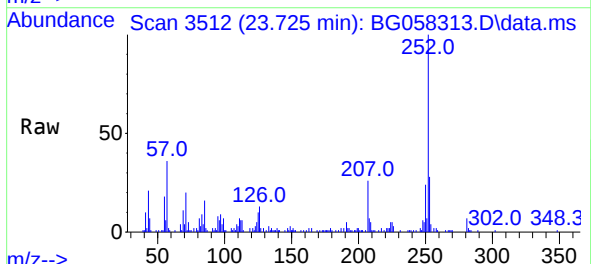
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Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.8 6.7 10.1

Manual Integrations
APPROVED

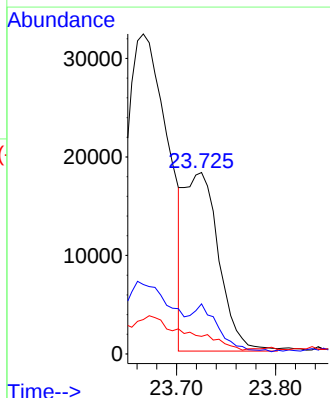
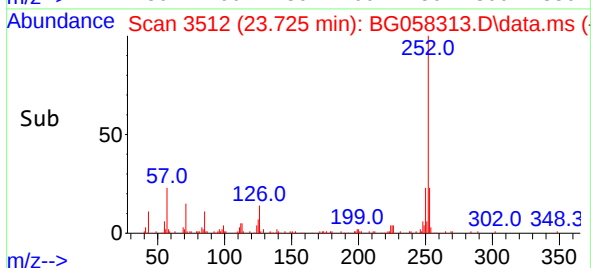
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

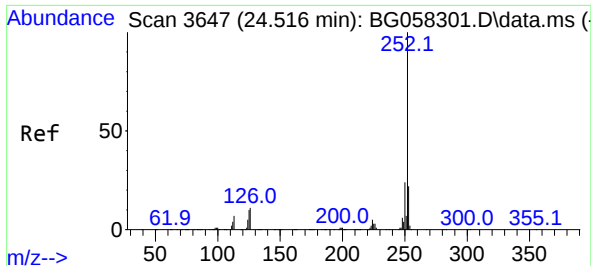


#91
Benzo(k)fluoranthene
Concen: 2.157 ng/ul m
RT: 23.725 min Scan# 3512
Delta R.T. -0.008 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18



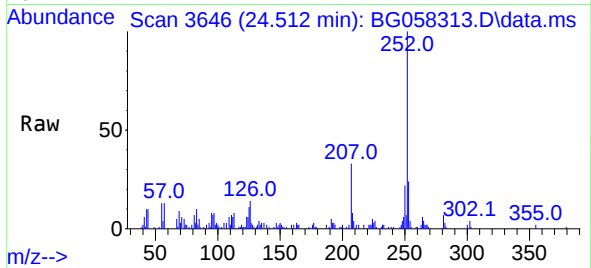
Tgt Ion:252 Resp: 44085
Ion Ratio Lower Upper
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253 27.6 18.3 27.5#
125 9.7 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.964 ng/ul
RT: 24.512 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

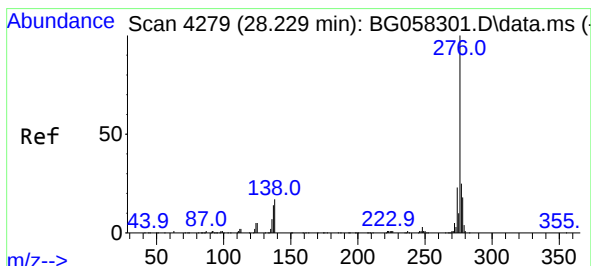
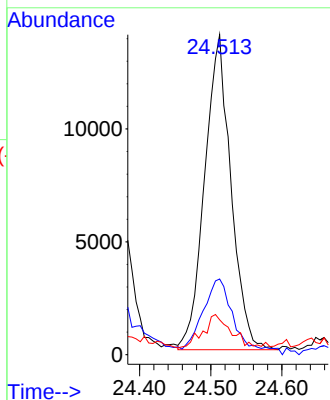
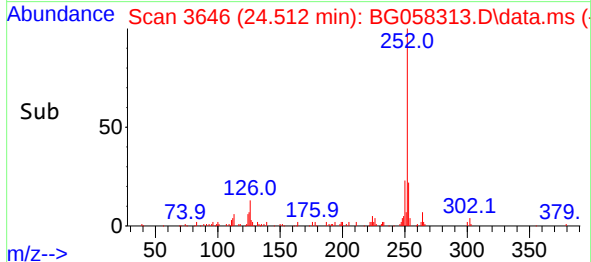
Instrument :
BNA_G
ClientSampleId :
A46X8



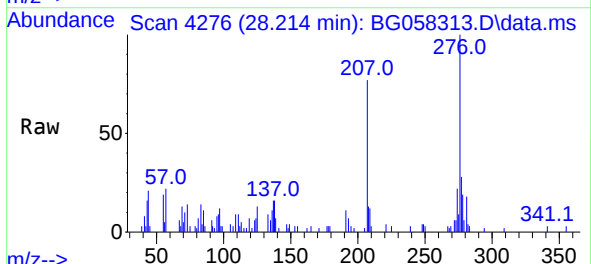
Tgt Ion:252 Resp: 35792
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.9 7.7 11.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.418 ng/ul m
RT: 28.214 min Scan# 4276
Delta R.T. -0.014 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18



Tgt Ion:276 Resp: 34054
Ion Ratio Lower Upper
276 100
138 16.1 13.8 20.6
277 27.8 19.2 28.8

