

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058311.D
 Acq On : 18 Jul 2023 21:55
 Operator : CG/JU
 Sample : 03444-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46T8

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 05:46:32 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	7.901	152	37525	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	174441	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	134621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	317697	20.000	ng/u1	0.00
79) Chrysene-d12	21.526	240	264184	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	318328	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1130	1.108	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.060	99	23550	6.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	16245	7.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.431	132	17053	6.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.606	113	2650	0.976	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	9097	6.957	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	10542	7.385	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	16951	6.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.844	131	1839	0.464	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	74433	7.170	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	80785	7.426	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	6772m	4.320	ng/u1	0.00
60) Fluorene-d10	15.527	176	69275	8.060	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	7458	4.608	ng/u1	0.00
73) Anthracene-d10	17.378	188	79037	5.758	ng/u1	0.00
81) Pyrene-d10	19.663	212	94451	6.053	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.440	264	42409	2.756	ng/u1	0.00
Target Compounds						
8) Phenol	7.090	94	4208	1.138	ng/u1	95
16) Acetophenone	8.717	105	25308	5.473	ng/u1	91
30) Naphthalene	10.744	128	12878	1.381	ng/u1#	96
52) Acenaphthene	14.599	153	9953	1.221	ng/u1	93
61) Fluorene	15.580	166	12582	1.322	ng/u1	96
72) Phenanthrene	17.319	178	145450	9.634	ng/u1	99
74) Anthracene	17.407	178	23855	1.574	ng/u1	96
80) Fluoranthene	19.334	202	167184	9.353	ng/u1	99
82) Pyrene	19.693	202	95414	5.268	ng/u1	99
85) Benzo(a)anthracene	21.508	228	59668	3.360	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	104812	10.332	ng/u1	99
87) Chrysene	21.573	228	54766	3.252	ng/u1	98
90) Benzo(b)fluoranthene	23.664	252	71681	3.892	ng/u1#	97
91) Benzo(k)fluoranthene	23.723	252	21443	1.167	ng/u1#	93

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

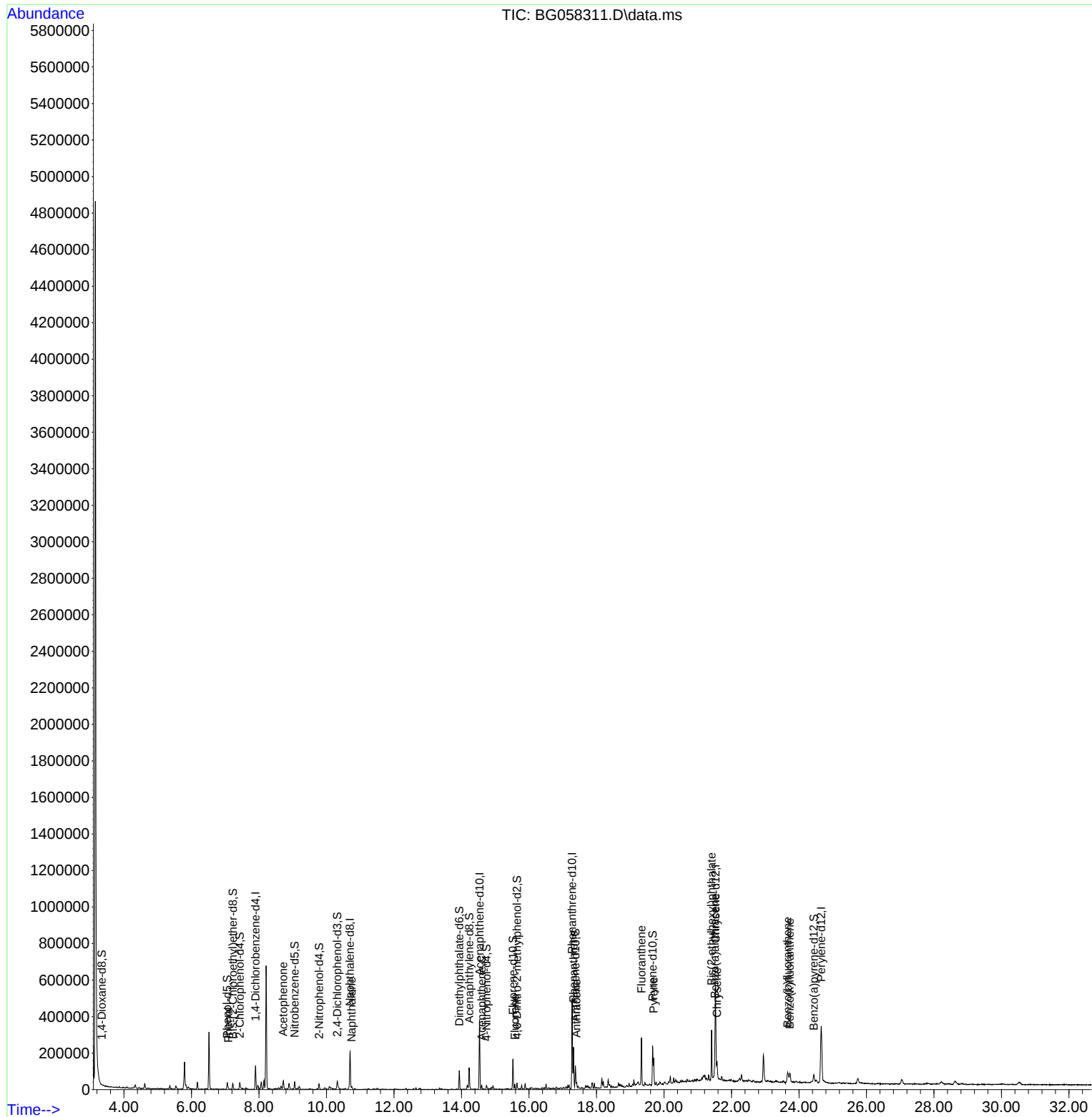
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Data File : BG058311.D
Acq On : 18 Jul 2023 21:55
Operator : CG/JU
Sample : 03444-14
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ALS Vial : 21 Sample Multiplier: 1

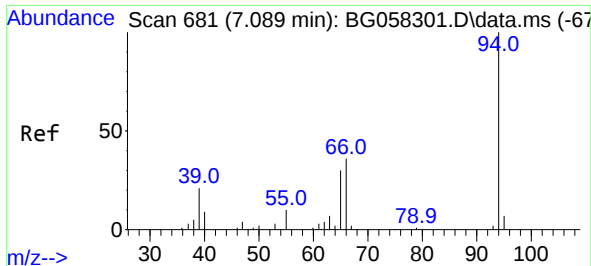
Instrument :
BNA_G
ClientSampleId :
A46T8

Manual Integrations
APPROVED

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

Quant Time: Jul 19 05:46:32 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





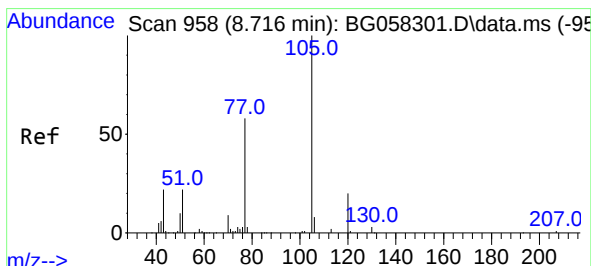
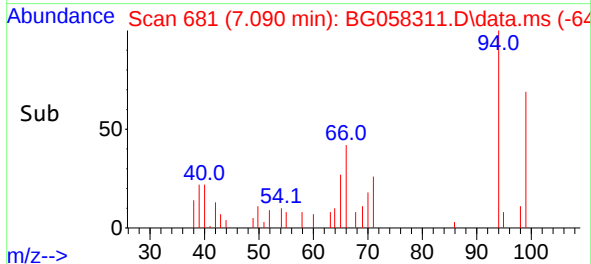
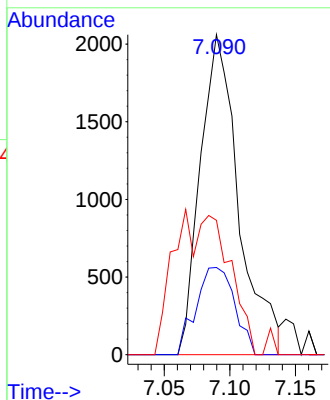
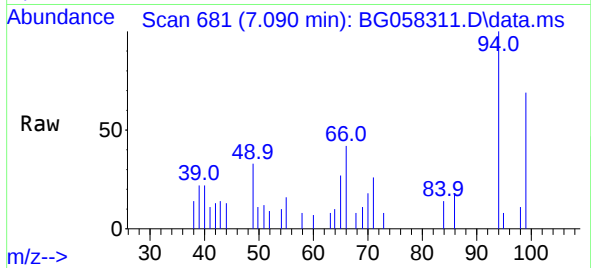
#8
Phenol
Concen: 1.138 ng/ul
RT: 7.090 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

Instrument :
BNA_G
ClientSampleId :
A46T8

Tgt Ion: 94 Resp: 4208
Ion Ratio Lower Upper
94 100
65 27.3 23.8 35.8
66 42.0 31.2 46.8

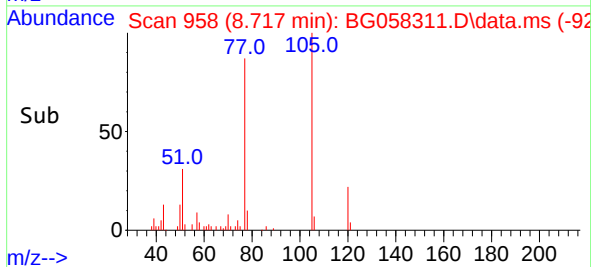
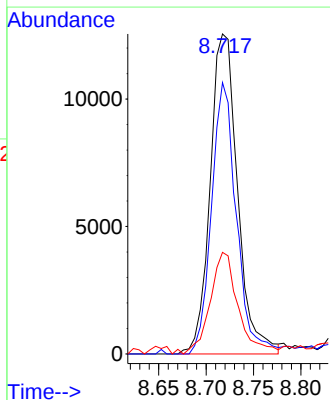
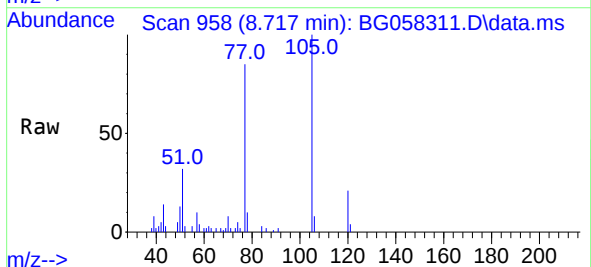
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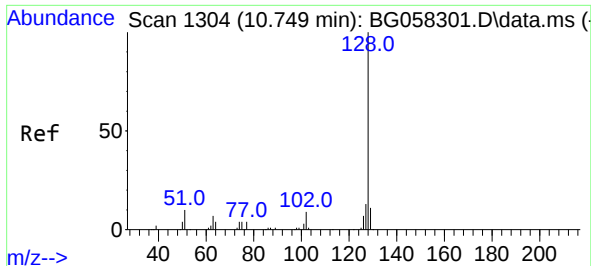
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#16
Acetophenone
Concen: 5.473 ng/ul
RT: 8.717 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

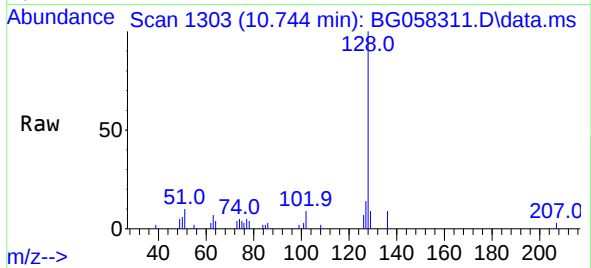
Tgt Ion:105 Resp: 25308
Ion Ratio Lower Upper
105 100
77 84.8 60.7 91.1
51 31.8 23.5 35.3





#30
Naphthalene
Concen: 1.381 ng/ul
RT: 10.744 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

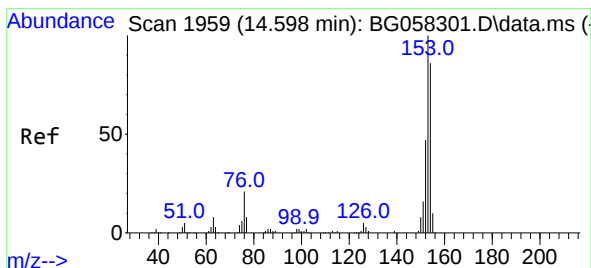
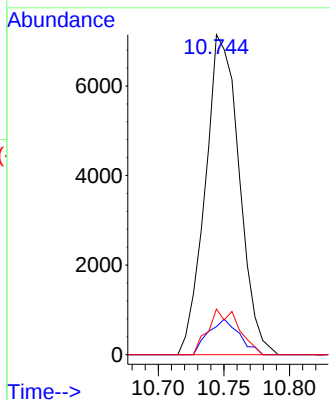
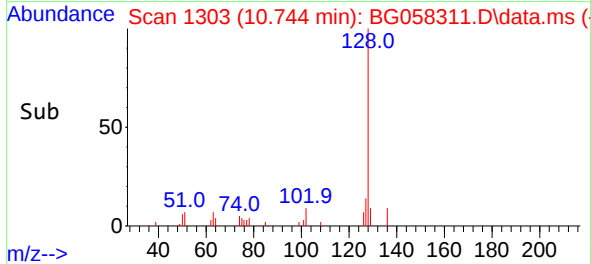
Instrument :
BNA_G
ClientSampleId :
A46T8



Tgt Ion:128 Resp: 12878
Ion Ratio Lower Upper
128 100
129 8.8 8.8 13.2
127 14.3 10.8 16.2

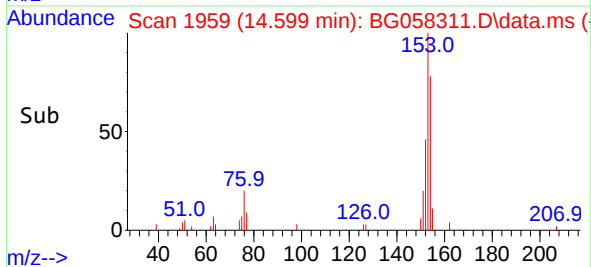
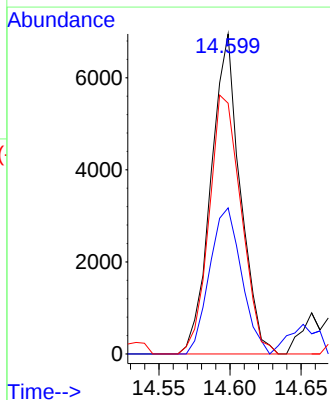
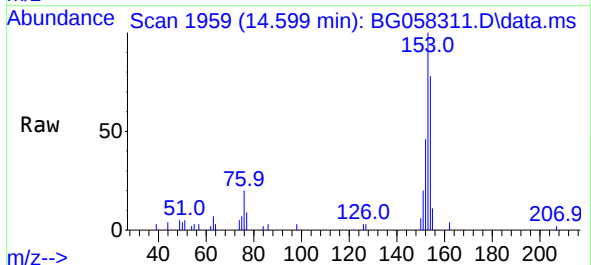
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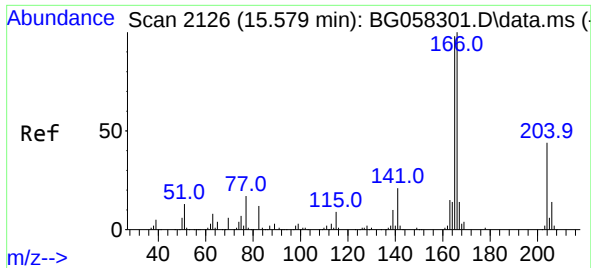
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#52
Acenaphthene
Concen: 1.221 ng/ul
RT: 14.599 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

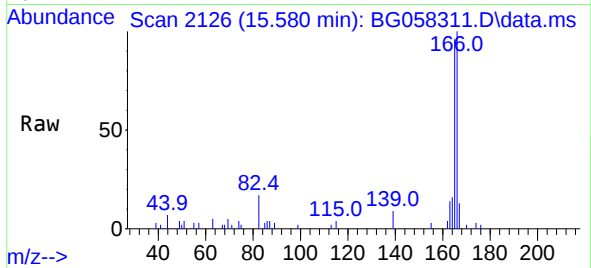
Tgt Ion:153 Resp: 9953
Ion Ratio Lower Upper
153 100
152 45.7 39.1 58.7
154 78.3 68.7 103.1





#61
Fluorene
Concen: 1.322 ng/ul
RT: 15.580 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

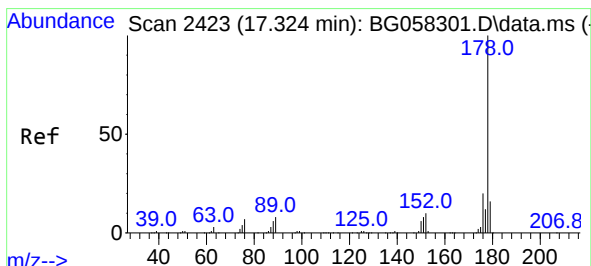
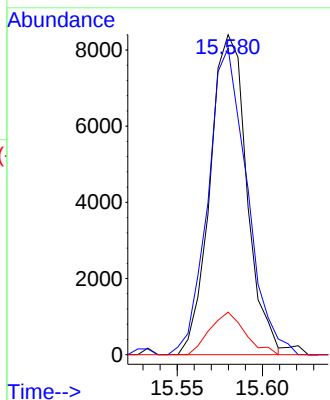
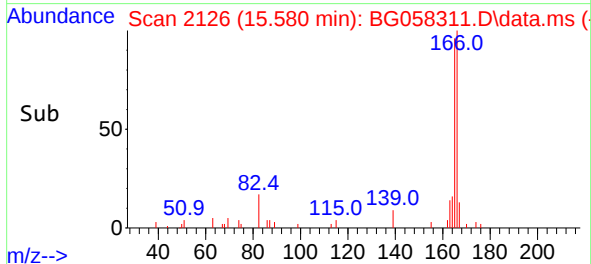
Instrument :
BNA_G
ClientSampleId :
A46T8



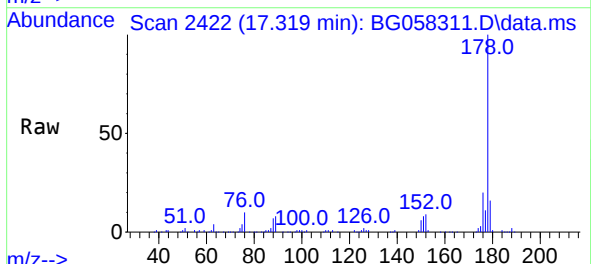
Tgt Ion:166 Resp: 1258
Ion Ratio Lower Upper
166 100
165 95.8 80.2 120.2
167 13.3 10.5 15.7

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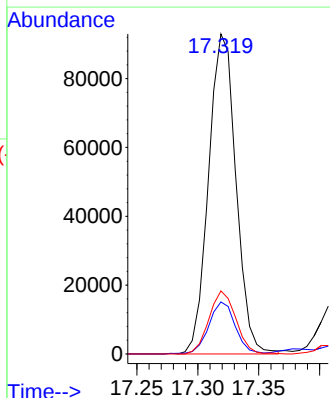
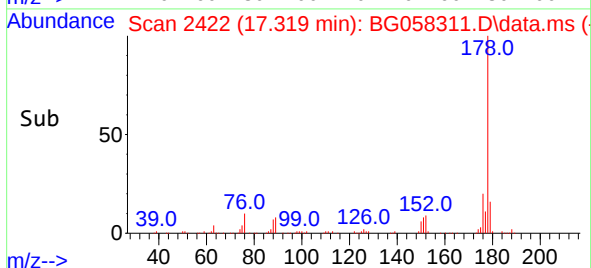
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

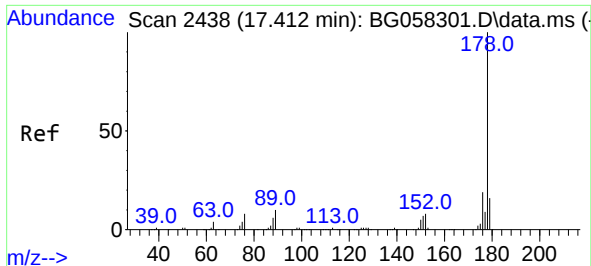


#72
Phenanthrene
Concen: 9.634 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55



Tgt Ion:178 Resp: 145450
Ion Ratio Lower Upper
178 100
179 16.2 11.9 17.9
176 19.7 15.8 23.8





#74
 Anthracene
 Concen: 1.574 ng/ul
 RT: 17.407 min Scan# 2438
 Delta R.T. -0.010 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55

Instrument :

BNA_G

ClientSampleId :

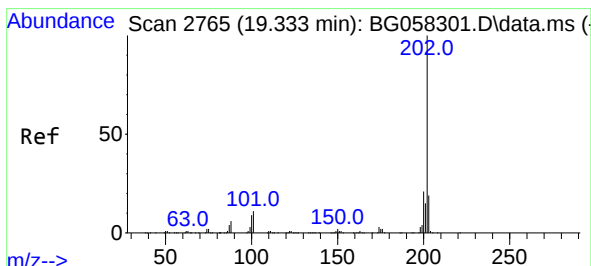
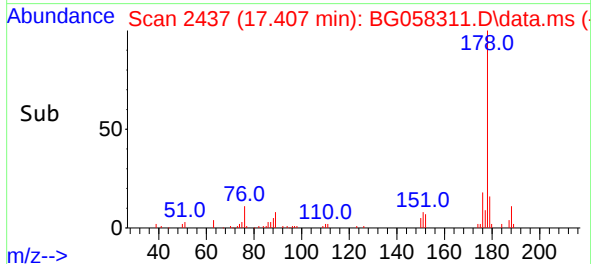
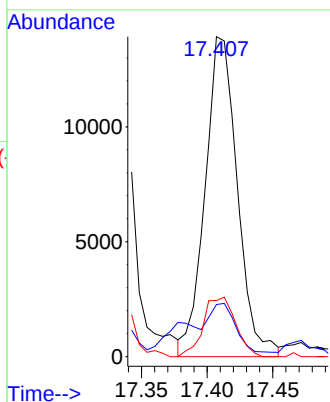
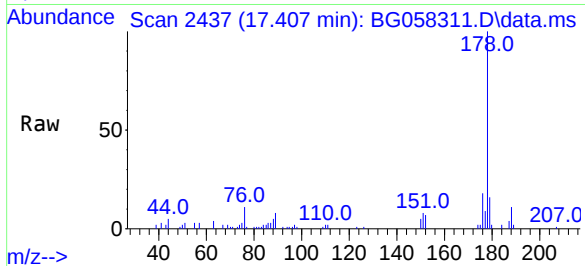
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Tgt Ion:178 Resp: 2385
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.4 20.2
 176 17.6 16.2 24.2

Manual Integrations

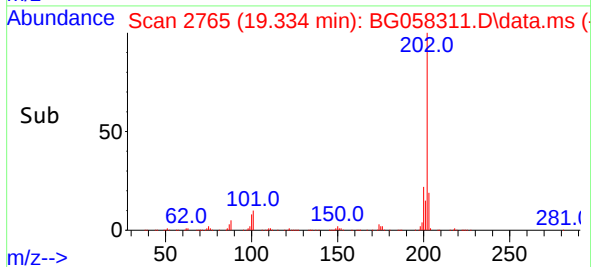
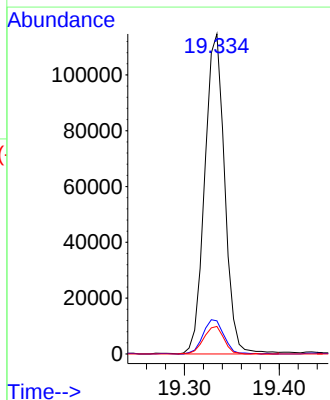
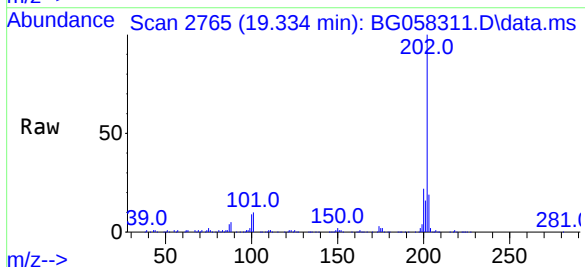
APPROVED

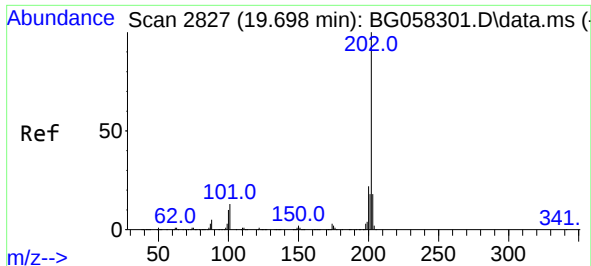
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023



#80
 Fluoranthene
 Concen: 9.353 ng/ul
 RT: 19.334 min Scan# 2765
 Delta R.T. 0.002 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55

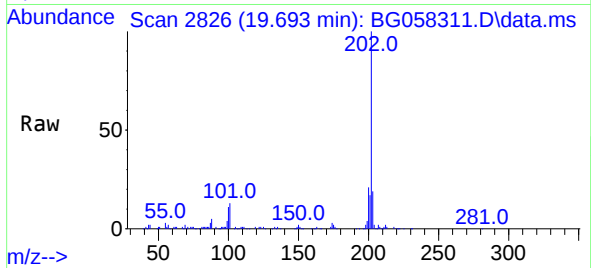
Tgt Ion:202 Resp: 167184
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.6 12.8
 100 8.6 7.2 10.8





#82
Pyrene
Concen: 5.268 ng/ul
RT: 19.693 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

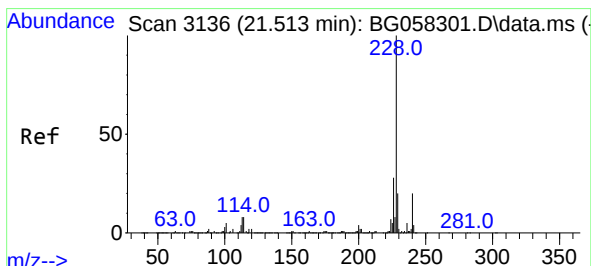
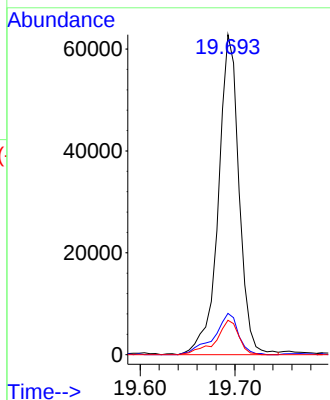
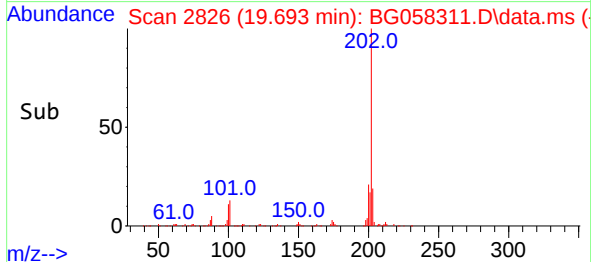
Instrument :
BNA_G
ClientSampleId :
A46T8



Tgt Ion:202 Resp: 95414
Ion Ratio Lower Upper
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101 12.9 10.2 15.2
100 10.7 8.9 13.3

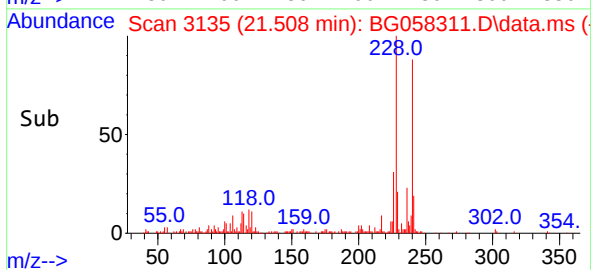
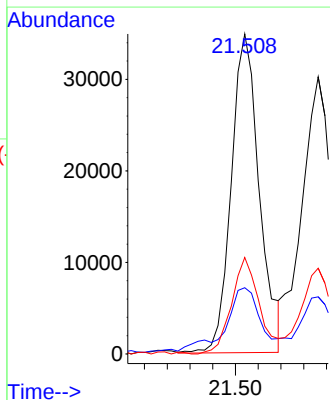
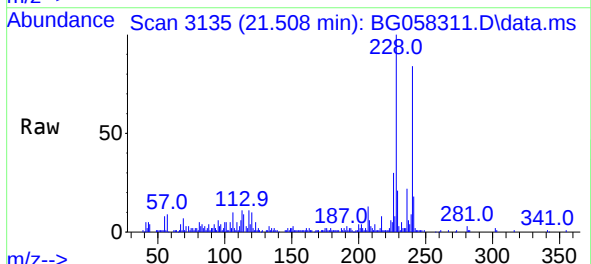
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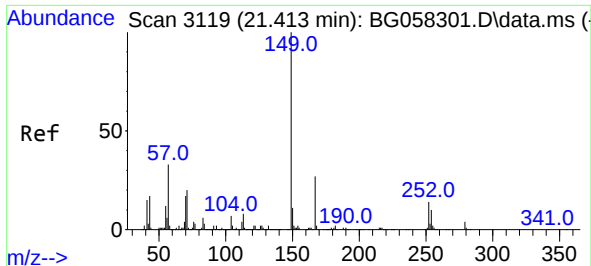
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#85
Benzo(a)anthracene
Concen: 3.360 ng/ul
RT: 21.508 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

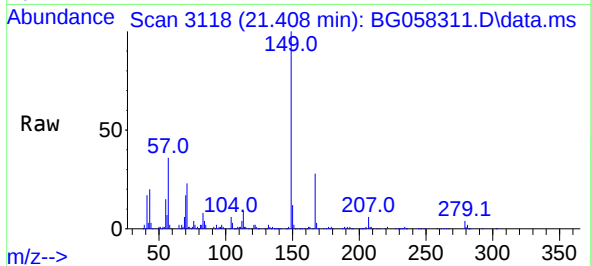
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Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 30.2 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 10.332 ng/ul
RT: 21.408 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

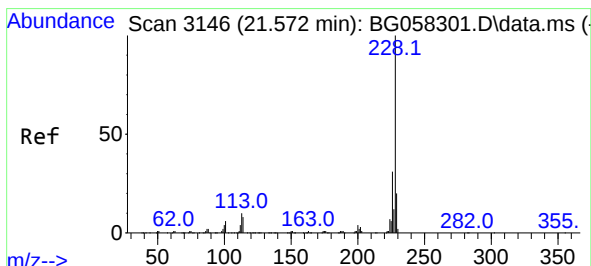
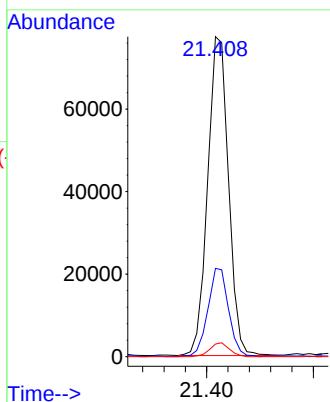
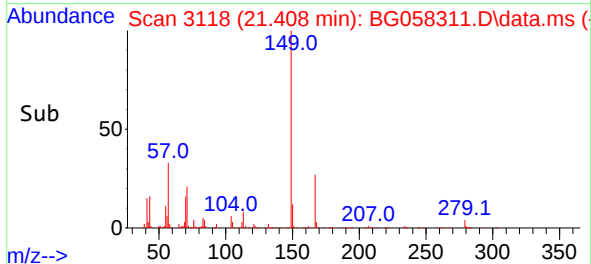
Instrument :
BNA_G
ClientSampleId :
A46T8



Tgt Ion:149 Resp: 10481
Ion Ratio Lower Upper
149 100
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279 4.0 3.0 4.4

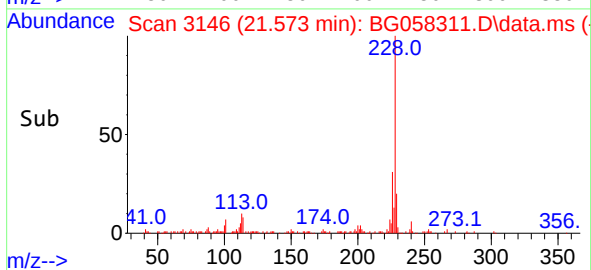
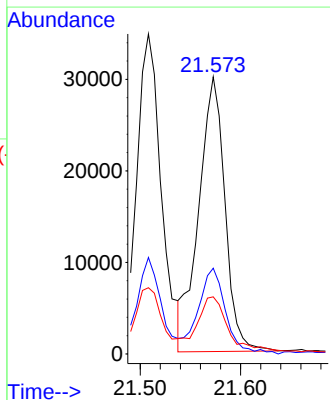
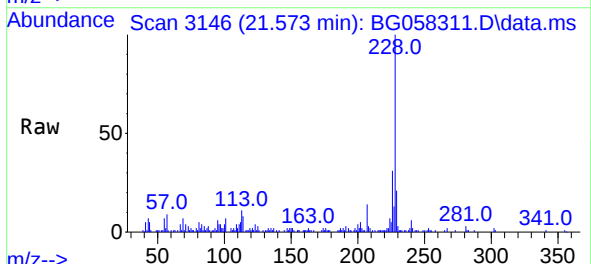
Manual Integrations
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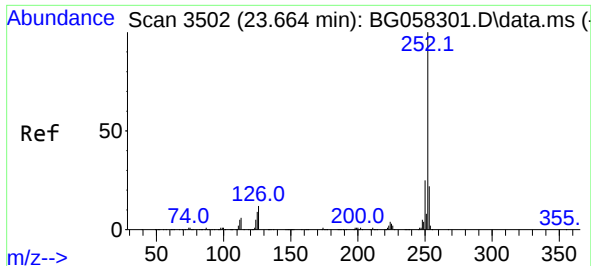
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#87
Chrysene
Concen: 3.252 ng/ul
RT: 21.573 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

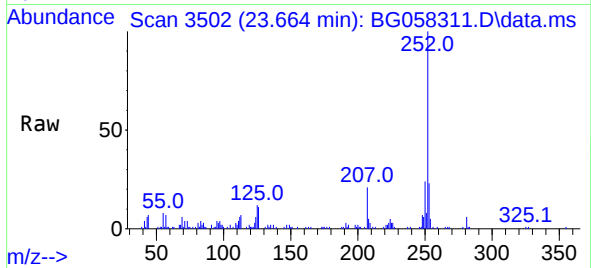
Tgt Ion:228 Resp: 54766
Ion Ratio Lower Upper
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226 30.9 24.0 36.0
229 20.6 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 3.892 ng/ul
RT: 23.664 min Scan# 3502
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

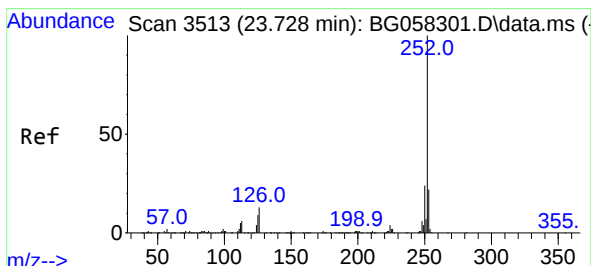
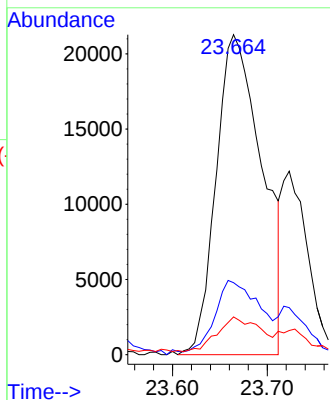
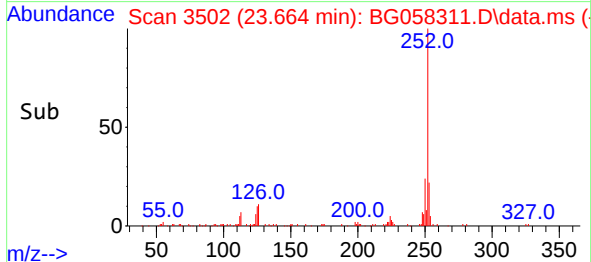
Instrument :
BNA_G
ClientSampleId :
A46T8



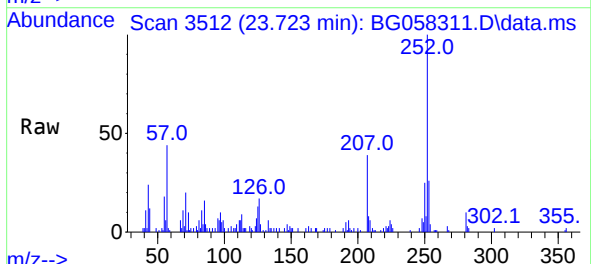
Tgt Ion:252 Resp: 7168
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.8 6.7 10.1

Manual Integrations
APPROVED

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



#91
Benzo(k)fluoranthene
Concen: 1.167 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. -0.010 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55



Tgt Ion:252 Resp: 21443
Ion Ratio Lower Upper
252 100
253 25.6 18.3 27.5
125 13.2 7.4 11.0

