

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051986.D
 Acq On : 14 Jan 2022 21:46
 Operator : CG/JU
 Sample : N1100-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLT0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 00:20:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.245	152	23014	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	104665	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.889	164	80780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	190729	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.962	240	149505	20.000	ng/u1	# 0.00
88) Perylene-d12	25.457	264	154599	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.569	96	2384	3.702	ng/uL	0.00
4) Pyridine-d5	3.998	84	32966	16.466	ng/u1	0.00
7) Phenol-d5	7.382	99	59596	26.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	34779	24.323	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	37404	25.081	ng/u1	0.00
15) 4-Methylphenol-d8	8.944	113	46064	26.308	ng/u1	0.00
21) Nitrobenzene-d5	9.414	128	20568	24.869	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	19288	21.087	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	40561	22.687	ng/u1	0.00
31) 4-Chloroaniline-d4	11.206	131	55030	22.102	ng/u1	0.00
46) Dimethylphthalate-d6	14.278	166	184764	27.671	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	236631	29.338	ng/u1	0.00
54) 4-Nitrophenol-d4	15.089	143	470	0.421	ng/u1	0.02
60) Fluorene-d10	15.882	176	175935	30.221	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.738	188	274663	30.357	ng/u1	0.00
81) Pyrene-d10	20.018	212	291191	33.843	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.217	264	250884	30.826	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.411	94	4148	1.804	ng/u1#	73
30) Naphthalene	11.136	128	6996	1.234	ng/u1	99
72) Phenanthrene	17.686	178	37574	3.760	ng/u1	97
80) Fluoranthene	19.683	202	102596	10.318	ng/u1#	90
82) Pyrene	20.047	202	95985	9.805	ng/u1#	89
85) Benzo(a)anthracene	21.945	228	46211m	4.700	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.821	149	18490	3.711	ng/u1#	98
87) Chrysene	22.009	228	48408	5.113	ng/u1	94
90) Benzo(b)fluoranthene	24.341	252	59544	5.812	ng/u1	97
91) Benzo(k)fluoranthene	24.400	252	22101m	2.333	ng/u1	
93) Benzo(a)pyrene	25.287	252	39329	4.056	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	29.487	276	31120m	2.804	ng/u1	
95) Dibenzo(a,h)anthracene	29.534	278	9884m	1.053	ng/u1	
96) Benzo(g,h,i)perylene	30.721	276	21090m	2.260	ng/u1	

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

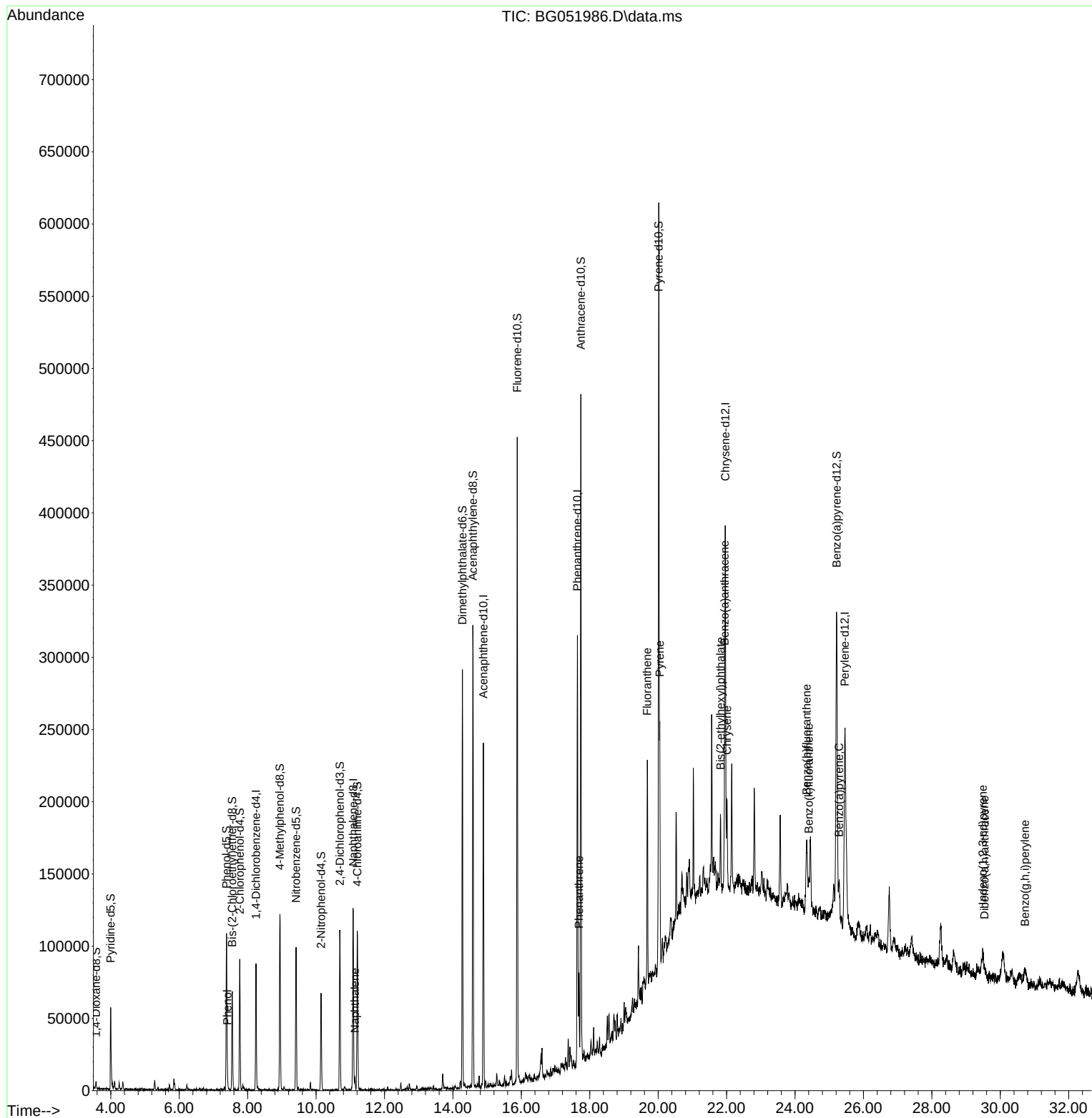
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051986.D
 Acq On : 14 Jan 2022 21:46
 Operator : CG/JU
 Sample : N1100-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

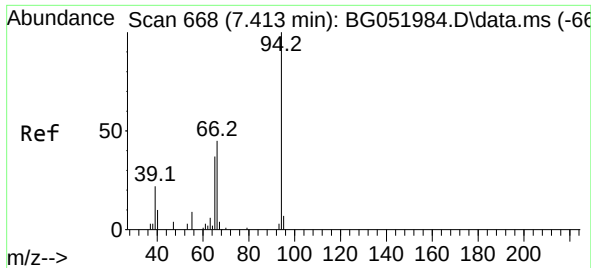
Instrument :
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 Supervised By :mohammad ahmed 01/18/2022

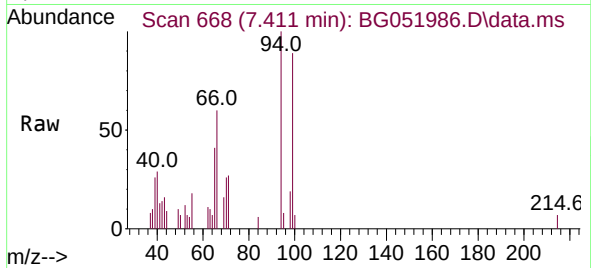
Quant Time: Jan 17 00:20:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.804 ng/ul
RT: 7.411 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

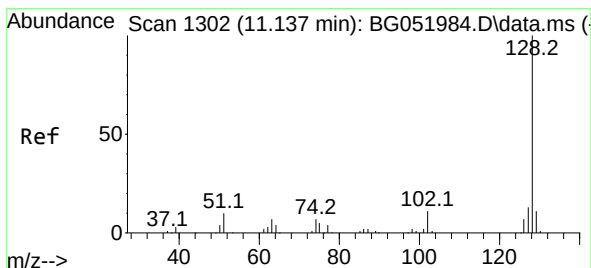
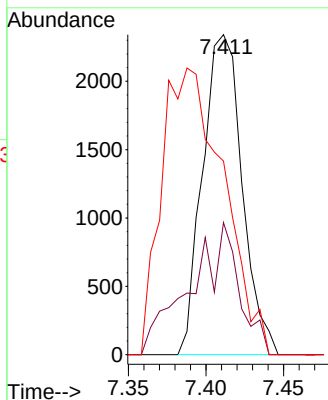
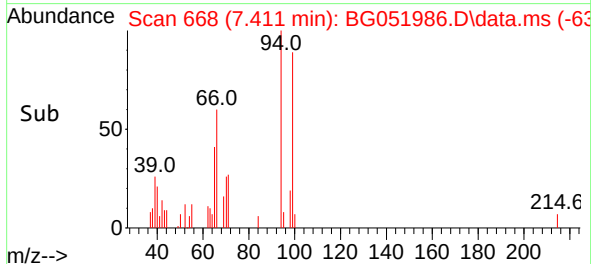
Instrument :
BNA_G
ClientSampleId :
BGLT0



Tgt Ion: 94 Resp: 4148
Ion Ratio Lower Upper
94 100
65 41.3 25.1 37.7
66 60.5 31.6 47.4

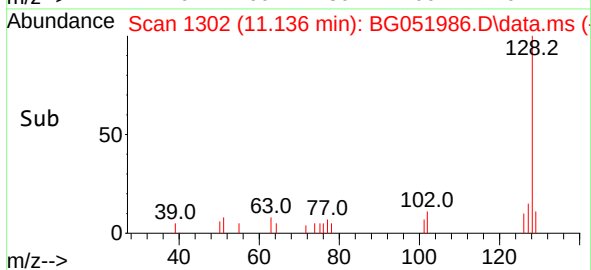
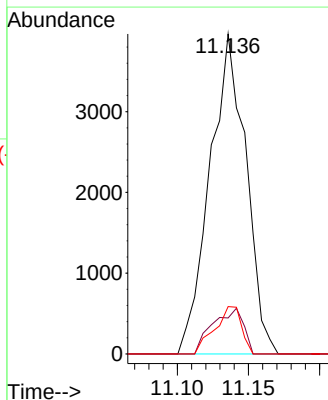
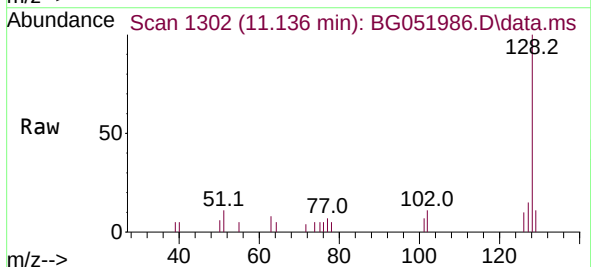
Manual Integrations
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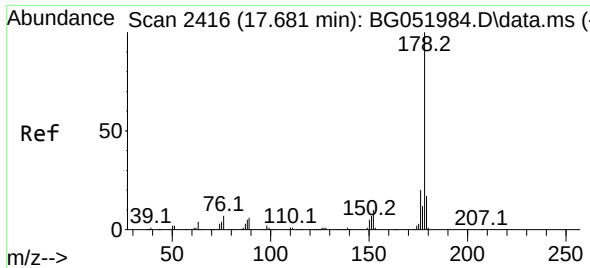
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#30
Naphthalene
Concen: 1.234 ng/ul
RT: 11.136 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

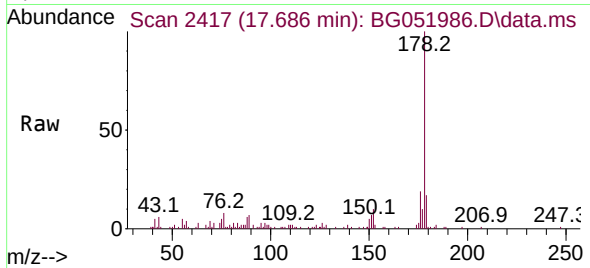
Tgt Ion:128 Resp: 6996
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 14.8 11.8 17.6





#72
Phenanthrene
Concen: 3.760 ng/u1
RT: 17.686 min Scan# 2416
Delta R.T. 0.004 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

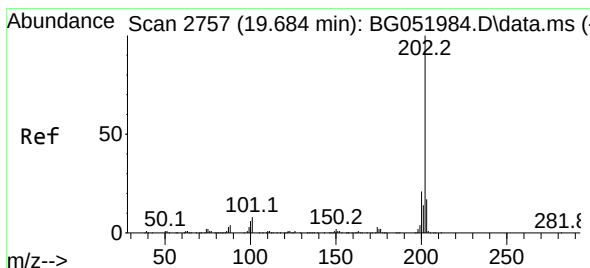
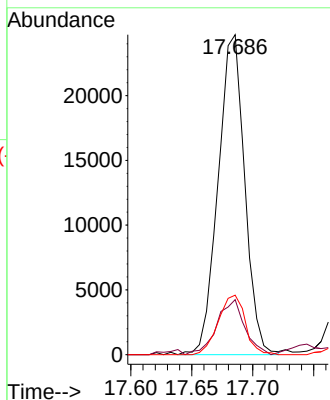
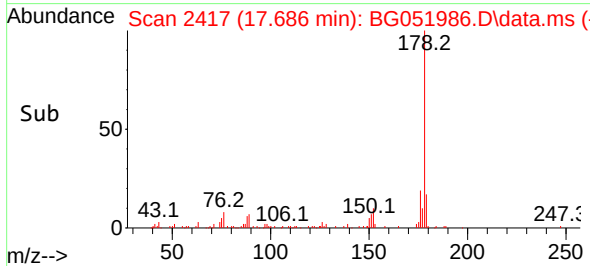
Instrument :
BNA_G
ClientSampleId :
BGLT0



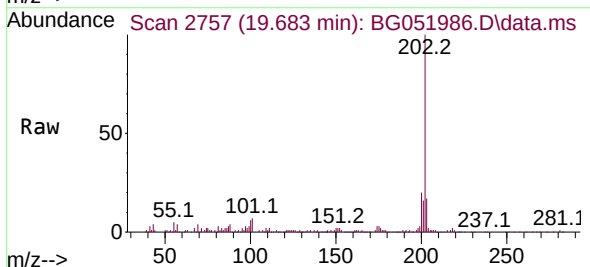
Tgt Ion:178 Resp: 37574
Ion Ratio Lower Upper
178 100
179 17.2 12.3 18.5
176 18.6 15.5 23.3

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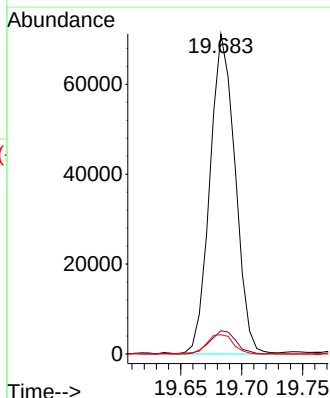
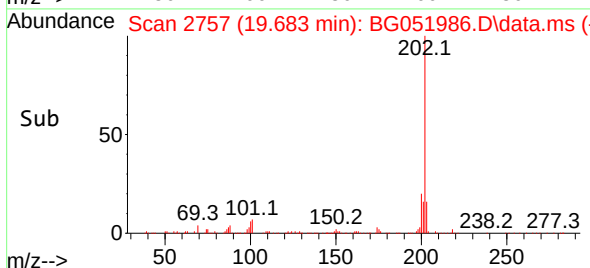
Reviewed By :Jagrut Upadhyay 01/17/2022
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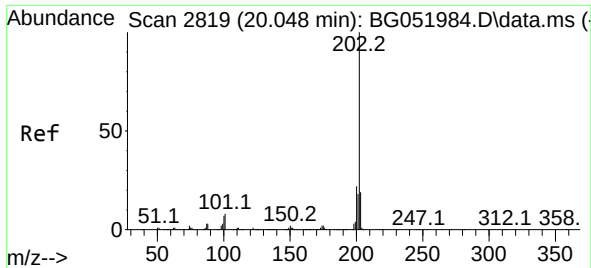


#80
Fluoranthene
Concen: 10.318 ng/u1
RT: 19.683 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46



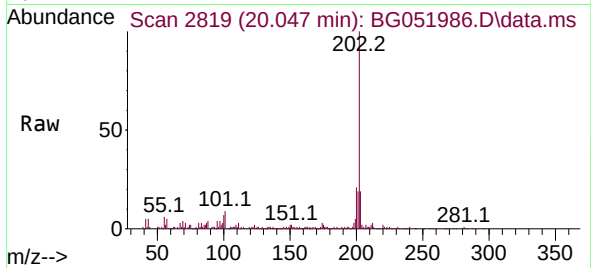
Tgt Ion:202 Resp: 102596
Ion Ratio Lower Upper
202 100
101 7.2 9.3 13.9#
100 6.0 7.0 10.6#





#82
 Pyrene
 Concen: 9.805 ng/ul
 RT: 20.047 min Scan# 2019
 Delta R.T. 0.004 min
 Lab File: BG051986.D
 Acq: 14 Jan 2022 21:46

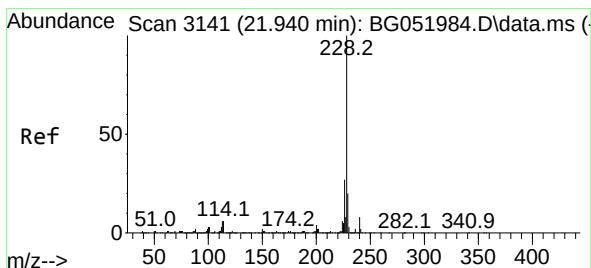
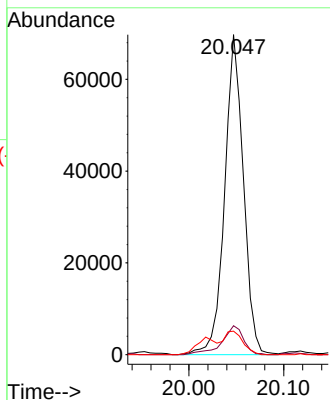
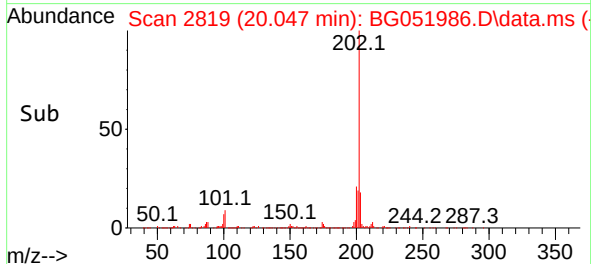
Instrument :
 BNA_G
 ClientSampleId :
 BGLT0



Tgt Ion:202 Resp: 9598
 Ion Ratio Lower Upper
 202 100
 101 9.1 10.7 16.1
 100 7.3 9.0 13.6

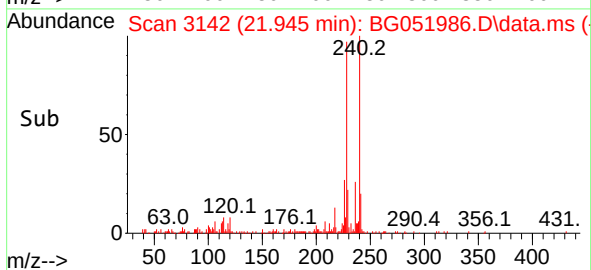
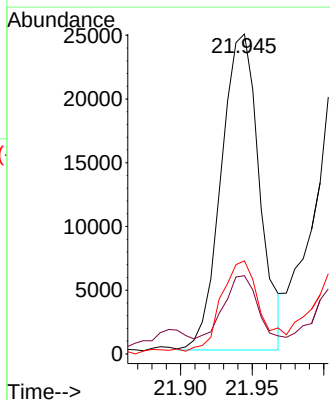
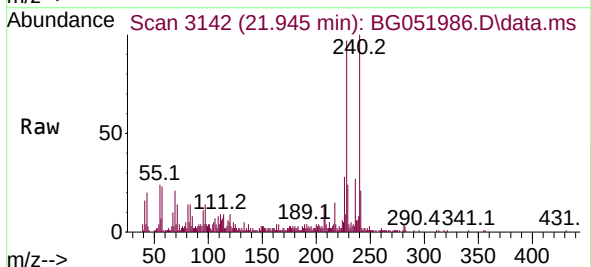
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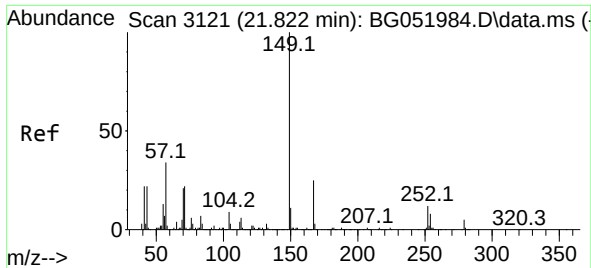
Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022



#85
 Benzo(a)anthracene
 Concen: 4.700 ng/ul m
 RT: 21.945 min Scan# 3142
 Delta R.T. 0.010 min
 Lab File: BG051986.D
 Acq: 14 Jan 2022 21:46

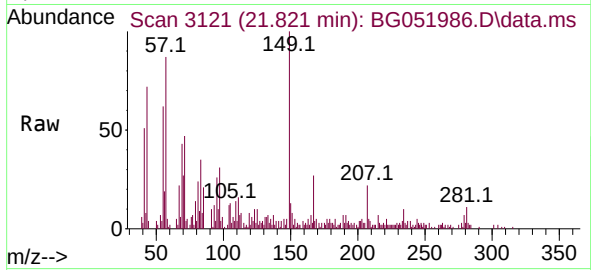
Tgt Ion:228 Resp: 46211
 Ion Ratio Lower Upper
 228 100
 229 24.5 15.7 23.5#
 226 29.1 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.711 ng/ul
RT: 21.821 min Scan# 3121
Delta R.T. 0.004 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

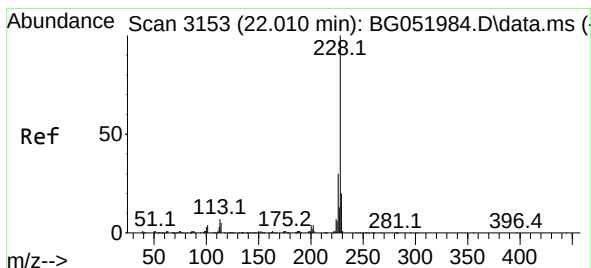
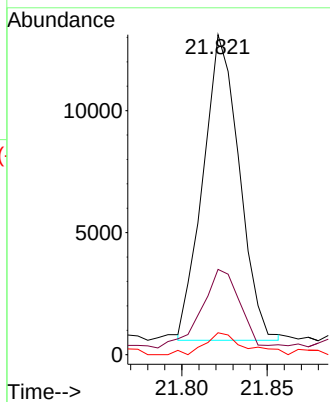
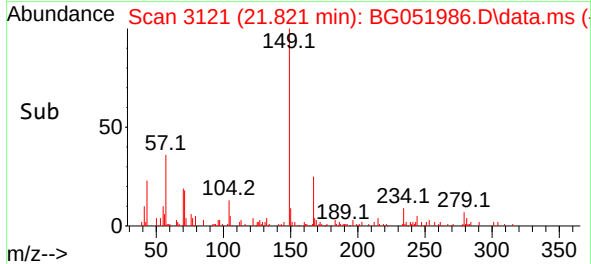
Instrument :
BNA_G
ClientSampleId :
BGLT0



Tgt Ion:149 Resp: 18490
Ion Ratio Lower Upper
149 100
167 26.6 21.1 31.7
279 6.8 2.7 4.1

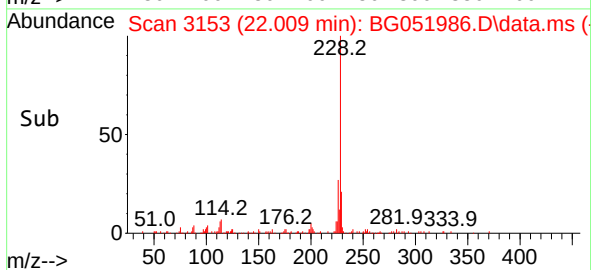
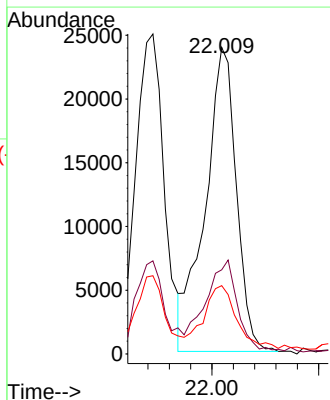
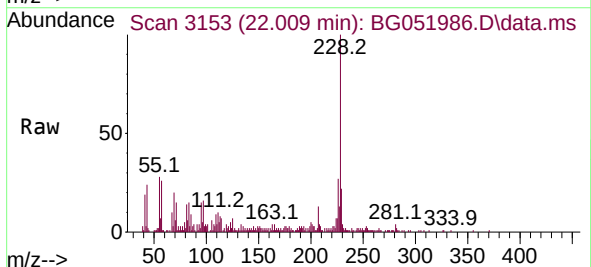
Manual Integrations
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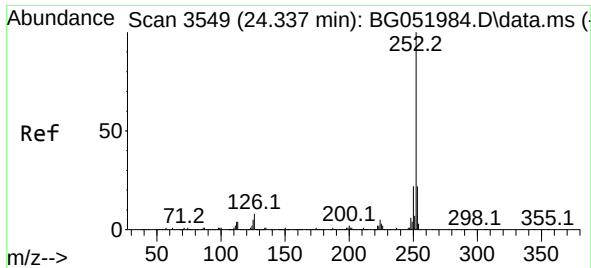
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#87
Chrysene
Concen: 5.113 ng/ul
RT: 22.009 min Scan# 3153
Delta R.T. 0.004 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

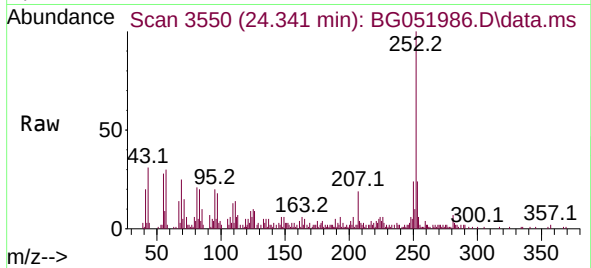
Tgt Ion:228 Resp: 48408
Ion Ratio Lower Upper
228 100
226 27.5 24.8 37.2
229 22.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 5.812 ng/ul
RT: 24.341 min Scan# 3550
Delta R.T. 0.016 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

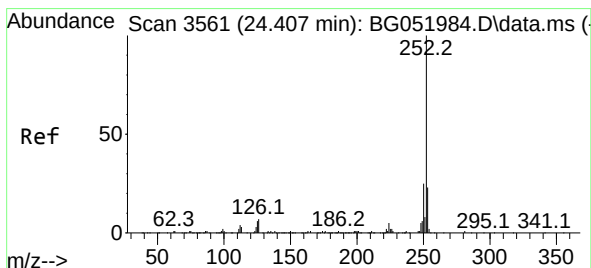
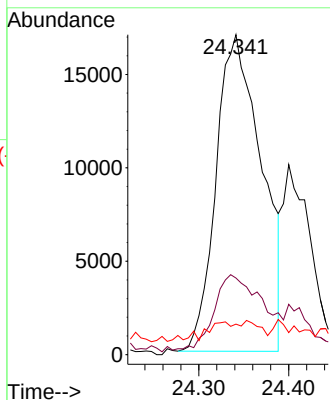
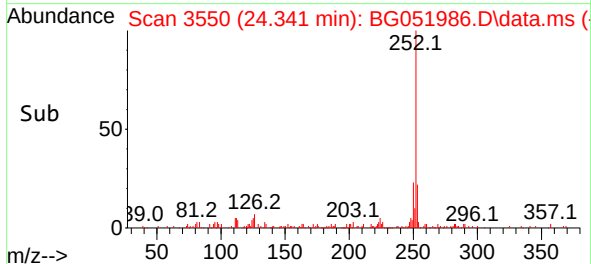
Instrument :
BNA_G
ClientSampleId :
BGLT0



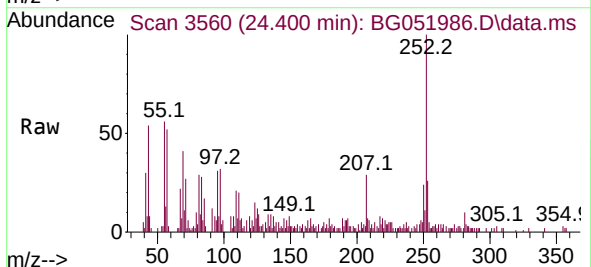
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Ion Ratio Lower Upper
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253 24.0 17.8 26.6
125 9.5 8.5 12.7

Manual Integrations
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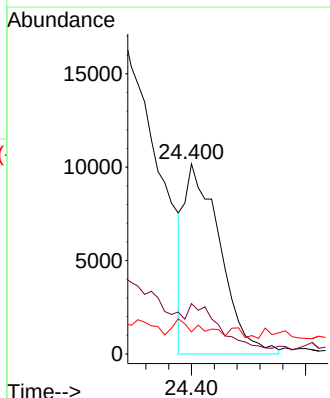
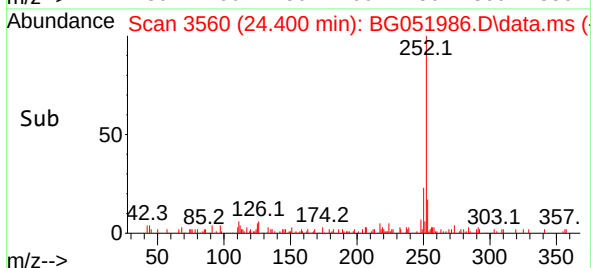
Reviewed By :Jagrut Upadhyay 01/17/2022
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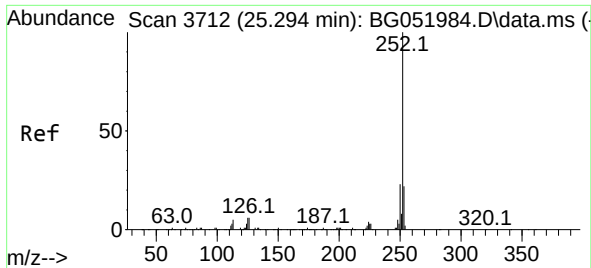


#91
Benzo(k)fluoranthene
Concen: 2.333 ng/ul m
RT: 24.400 min Scan# 3560
Delta R.T. 0.004 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46



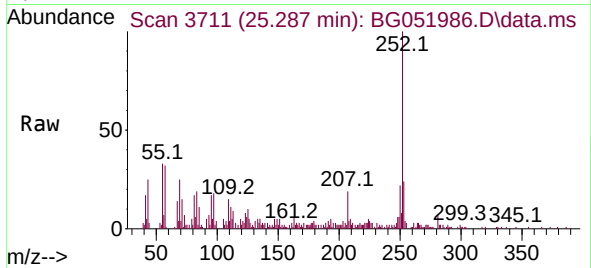
Tgt Ion:252 Resp: 22101
Ion Ratio Lower Upper
252 100
253 26.5 17.3 25.9#
125 11.6 7.8 11.6





#93
Benzo(a)pyrene
Concen: 4.056 ng/ul
RT: 25.287 min Scan# 3711
Delta R.T. 0.016 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

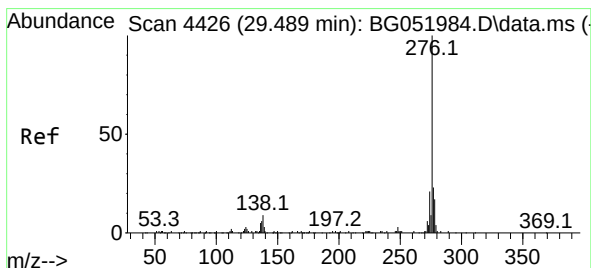
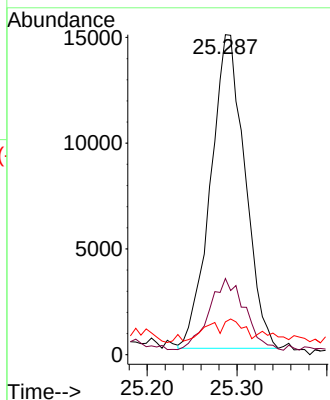
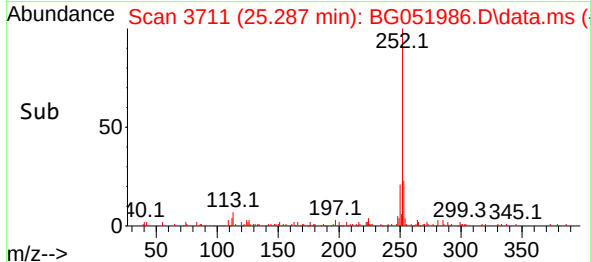
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BNA_G
ClientSampleId :
BGLT0



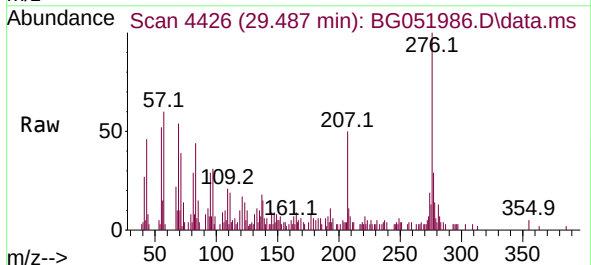
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Ion Ratio Lower Upper
252 100
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125 10.3 9.1 13.7

Manual Integrations
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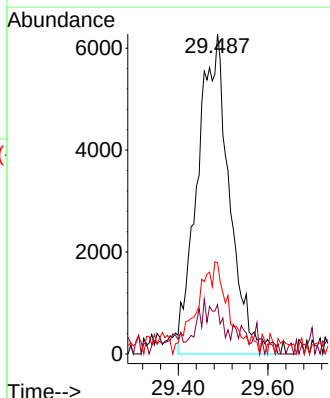
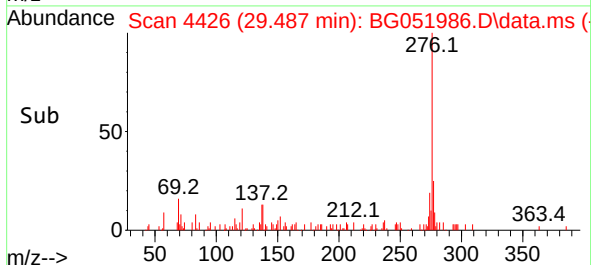
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

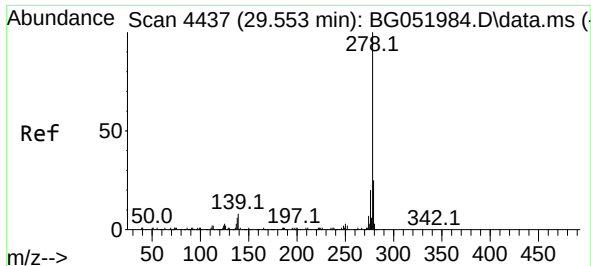


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.804 ng/ul m
RT: 29.487 min Scan# 4426
Delta R.T. 0.040 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46



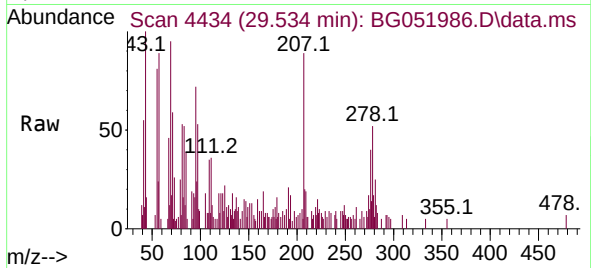
Tgt Ion:276 Resp: 31120
Ion Ratio Lower Upper
276 100
138 15.4 15.5 23.3#
277 28.6 20.5 30.7





#95
Dibenzo(a,h)anthracene
Concen: 1.053 ng/ul m
RT: 29.534 min Scan# 4437
Delta R.T. 0.022 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

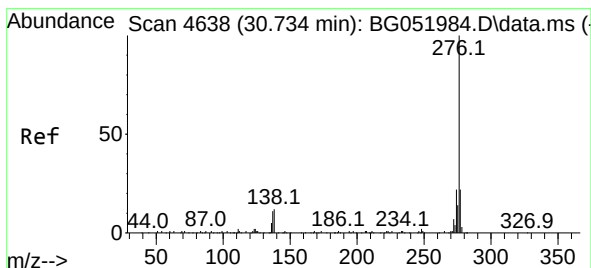
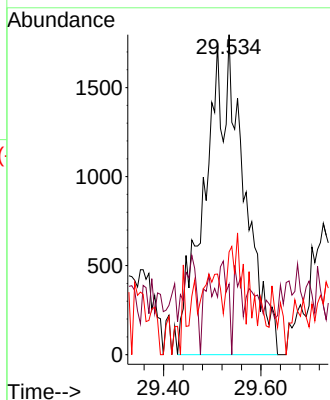
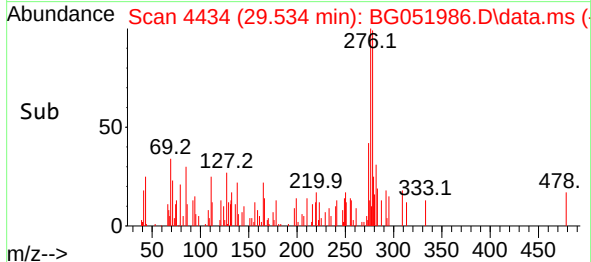
Instrument :
BNA_G
ClientSampleId :
BGLT0



Tgt Ion:278 Resp: 9884
Ion Ratio Lower Upper
278 100
139 22.0 12.2 18.4
279 32.1 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#96
Benzo(g,h,i)perylene
Concen: 2.260 ng/ul m
RT: 30.721 min Scan# 4636
Delta R.T. 0.022 min
Lab File: BG051986.D
Acq: 14 Jan 2022 21:46

Tgt Ion:276 Resp: 21090
Ion Ratio Lower Upper
276 100
138 20.6 16.6 24.8
277 27.0 17.6 26.4

