

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059006.D
 Acq On : 12 Sep 2023 7:51
 Operator : MA/JU
 Sample : 04235-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 08:32:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	93115	20.000	ng/u1	0.00
20) Naphthalene-d8	11.167	136	406644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.951	164	291331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.700	188	477764	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.025	240	563709	20.000	ng/u1	# 0.00
88) Perylene-d12	25.603	264	673062	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	2054m	0.938	ng/uL	0.00
4) Pyridine-d5	4.075	84	22043	3.178	ng/u1	0.00
7) Phenol-d5	7.430	99	50786	5.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.648	67	34594	6.283	ng/u1	0.00
11) 2-Chlorophenol-d4	7.836	132	37917	6.296	ng/u1	0.00
15) 4-Methylphenol-d8	9.005	113	16412	2.262	ng/u1	0.00
21) Nitrobenzene-d5	9.516	128	19072	6.466	ng/u1	0.00
24) 2-Nitrophenol-d4	10.239	143	19449	6.009	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.756	165	38014	5.526	ng/u1	0.00
31) 4-Chloroaniline-d4	11.314	131	22405m	2.422	ng/u1	0.00
46) Dimethylphthalate-d6	14.340	166	171185	7.575	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	198392	7.884	ng/u1	0.00
54) 4-Nitrophenol-d4	15.115	143	8997	2.397	ng/u1	0.00
60) Fluorene-d10	15.938	176	163642	8.160	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	11806m	5.034	ng/u1	0.00
73) Anthracene-d10	17.794	188	178031	8.394	ng/u1	0.00
81) Pyrene-d10	20.068	212	264157	8.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.350	264	266156	8.067	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.454	94	13605m	1.363	ng/u1	
16) Acetophenone	9.163	105	92497	7.691	ng/u1#	96
30) Naphthalene	11.220	128	48161	2.247	ng/u1	96
36) 2-Methylnaphthalene	12.800	142	40424	2.527	ng/u1	96
37) 1-Methylnaphthalene	13.012	142	41061	2.603	ng/u1#	86
52) Acenaphthene	15.010	153	27231	1.479	ng/u1#	79
61) Fluorene	15.991	166	41274	1.883	ng/u1#	93
72) Phenanthrene	17.742	178	115493	4.763	ng/u1	94
80) Fluoranthene	19.733	202	106918	3.083	ng/u1#	89
82) Pyrene	20.098	202	125206	3.473	ng/u1#	92
85) Benzo(a)anthracene	22.013	228	38185	1.010	ng/u1#	49
87) Chrysene	22.072	228	76808m	2.186	ng/u1	

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

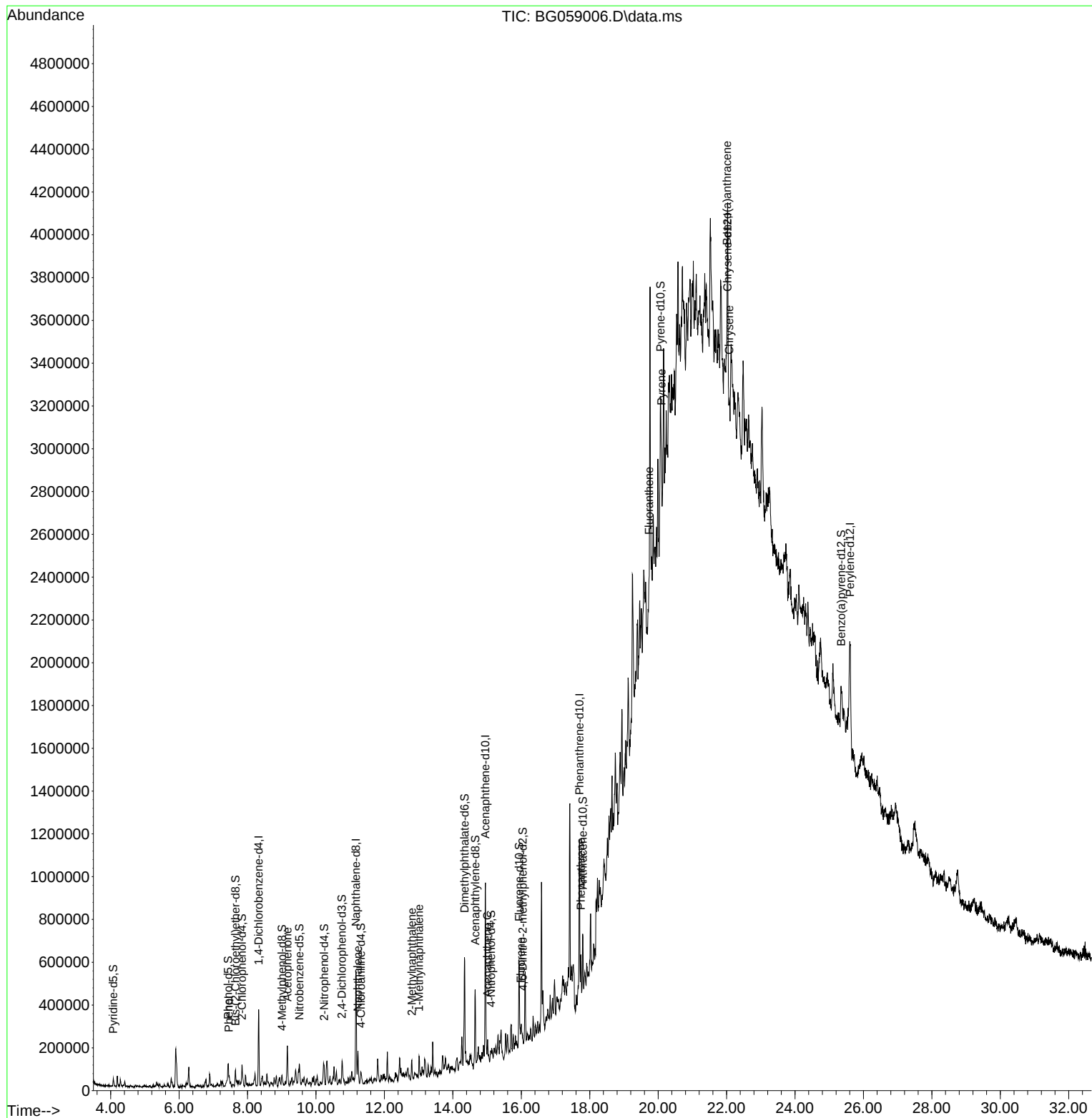
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059006.D
Acq On : 12 Sep 2023 7:51
Operator : MA/JU
Sample : 04235-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

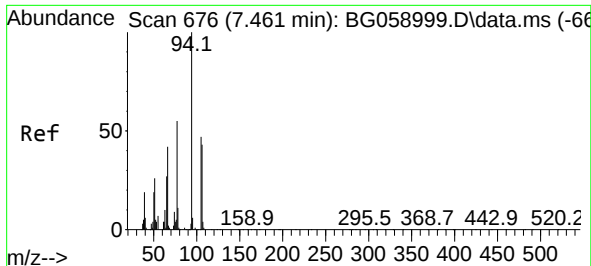
Instrument :
BNA_G
ClientSampleId :
EZYK1

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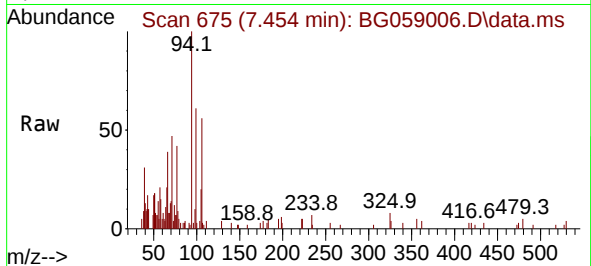
Quant Time: Sep 12 08:32:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.363 ng/ul m
RT: 7.454 min Scan# 675
Delta R.T. -0.007 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

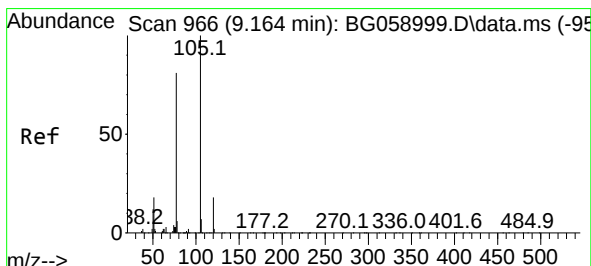
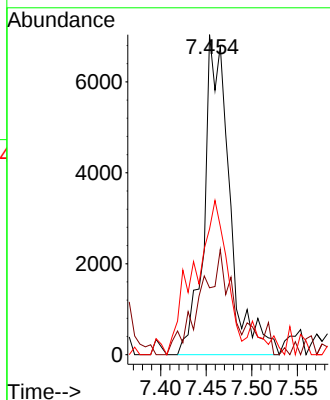
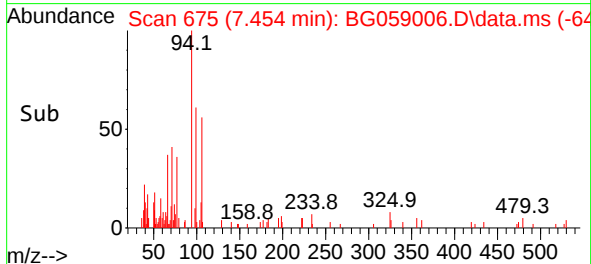
Instrument :
BNA_G
ClientSampleId :
EZYK1



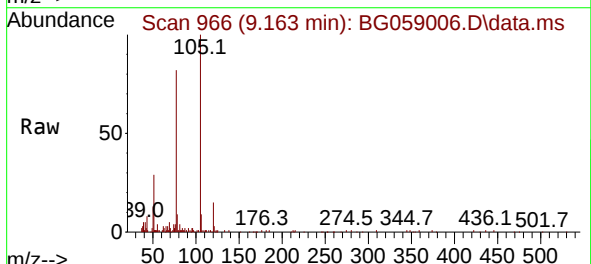
Tgt Ion: 94 Resp: 1360
Ion Ratio Lower Upper
94 100
65 20.9 22.4 33.6
66 39.3 35.0 52.6

Manual Integrations
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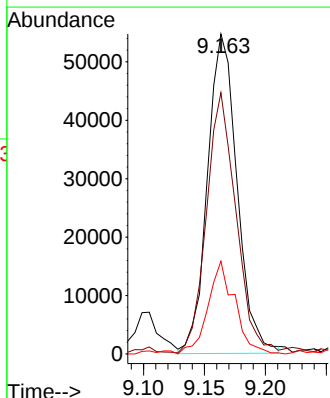
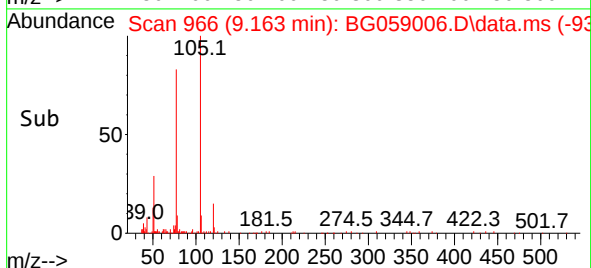
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

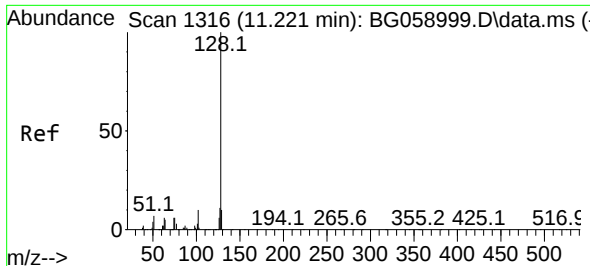


#16
Acetophenone
Concen: 7.691 ng/ul
RT: 9.163 min Scan# 966
Delta R.T. -0.007 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51



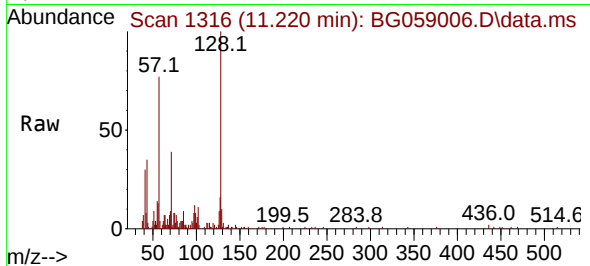
Tgt Ion:105 Resp: 92497
Ion Ratio Lower Upper
105 100
77 81.7 67.3 100.9
51 29.0 19.3 28.9





#30
Naphthalene
Concen: 2.247 ng/ul
RT: 11.220 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

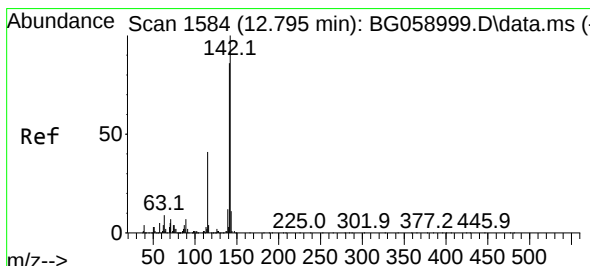
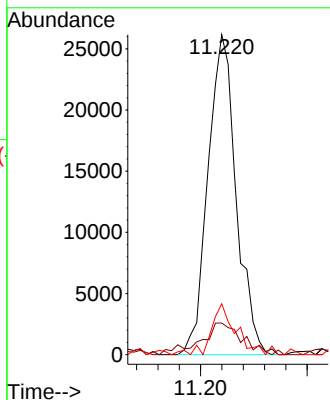
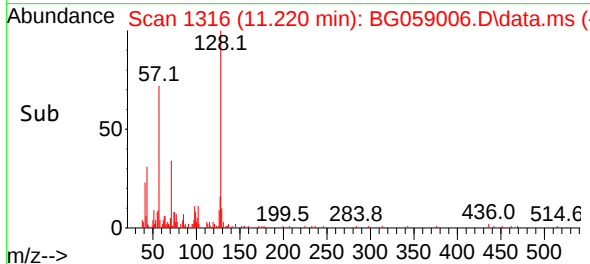
Instrument :
BNA_G
ClientSampleId :
EZYK1



Tgt Ion:128 Resp: 4816
Ion Ratio Lower Upper
128 100
129 9.9 8.2 12.2
127 15.9 10.9 16.3

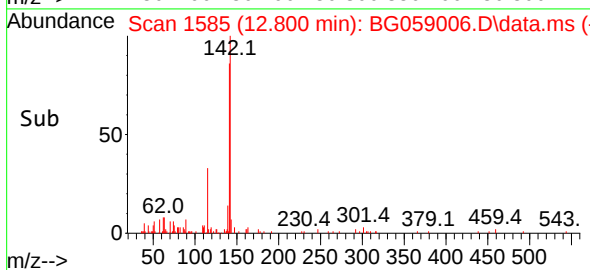
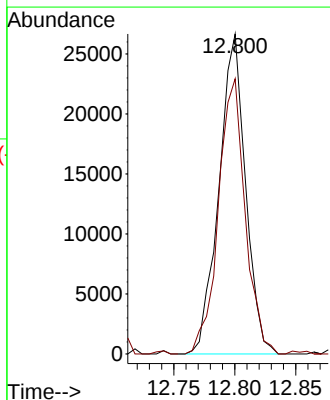
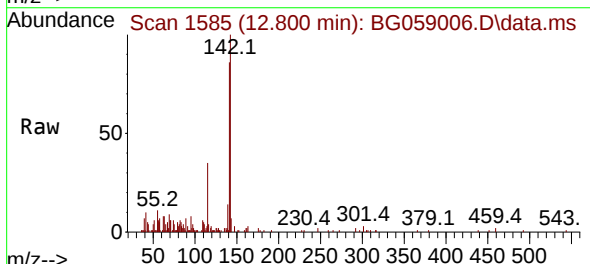
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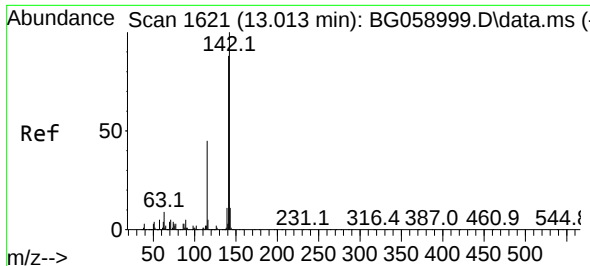
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#36
2-Methylnaphthalene
Concen: 2.527 ng/ul
RT: 12.800 min Scan# 1585
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

Tgt Ion:142 Resp: 40424
Ion Ratio Lower Upper
142 100
141 86.0 65.7 98.5





#37

1-Methylnaphthalene

Concen: 2.603 ng/ul

RT: 13.012 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG059006.D

Acq: 12 Sep 2023 7:51

Instrument :

BNA_G

ClientSampleId :

EZYK1

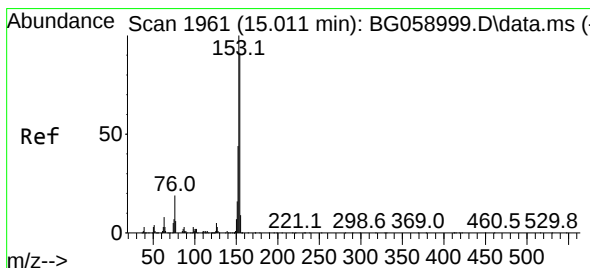
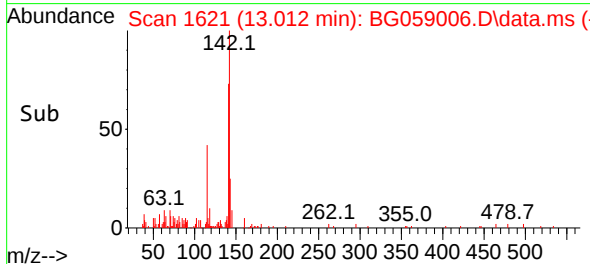
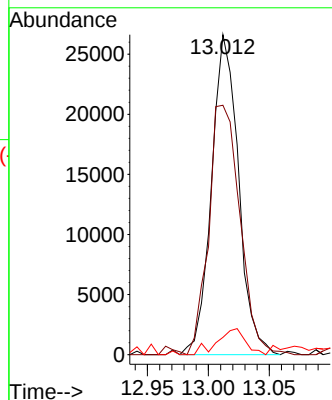
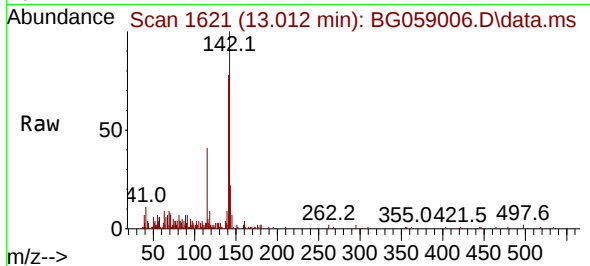
Tgt Ion:	142	Resp:	4106
Ion Ratio	Lower	Upper	
142	100		
141	77.9	73.1	109.7
116	5.4	3.4	5.0

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#52

Acenaphthene

Concen: 1.479 ng/ul

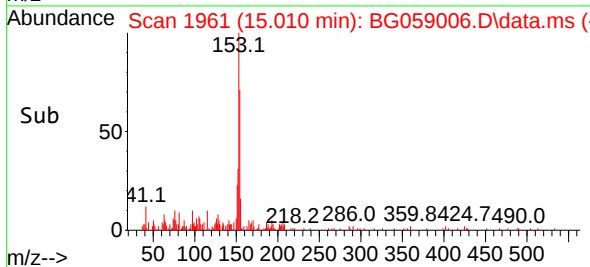
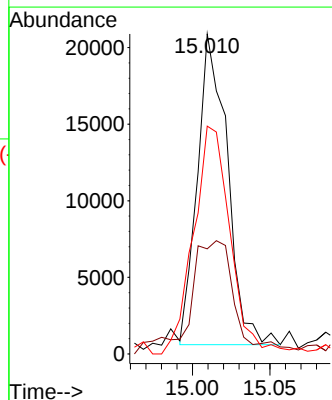
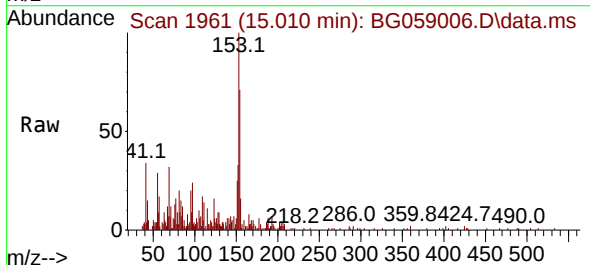
RT: 15.010 min Scan# 1961

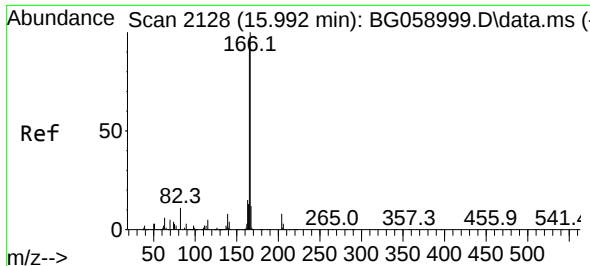
Delta R.T. -0.007 min

Lab File: BG059006.D

Acq: 12 Sep 2023 7:51

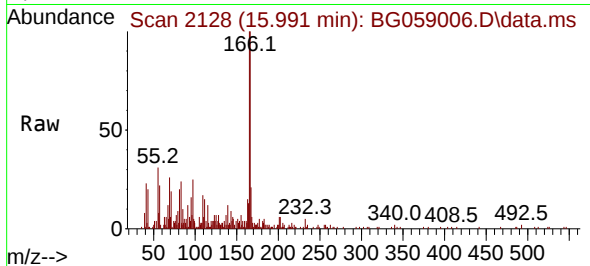
Tgt Ion:	153	Resp:	27231
Ion Ratio	Lower	Upper	
153	100		
152	32.8	36.5	54.7#
154	71.2	74.1	111.1#





#61
Fluorene
Concen: 1.883 ng/ul
RT: 15.991 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

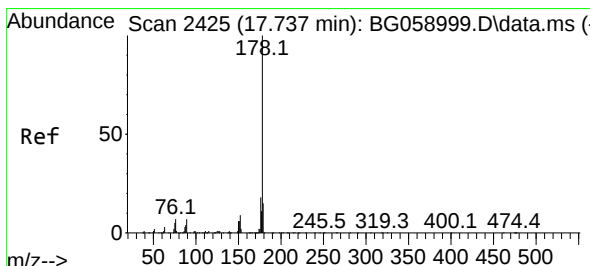
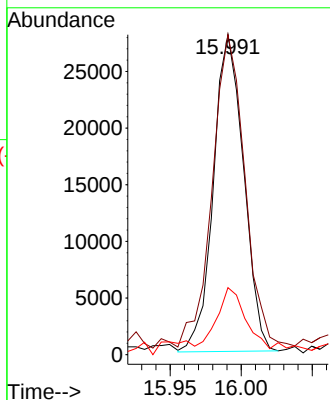
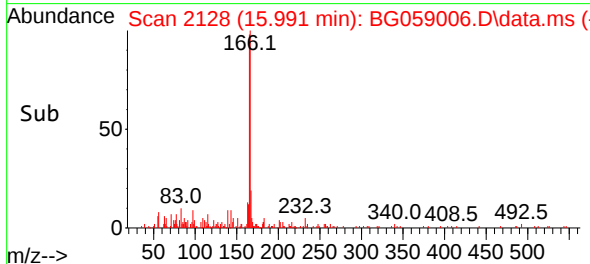
Instrument :
BNA_G
ClientSampleId :
EZYK1



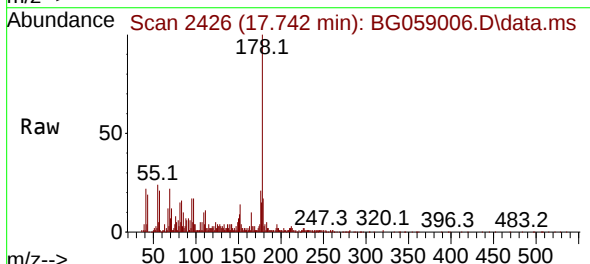
Tgt Ion:166 Resp: 41274
Ion Ratio Lower Upper
166 100
165 100.0 76.4 114.6
167 21.0 9.3 13.9

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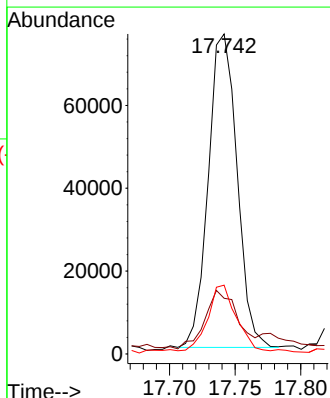
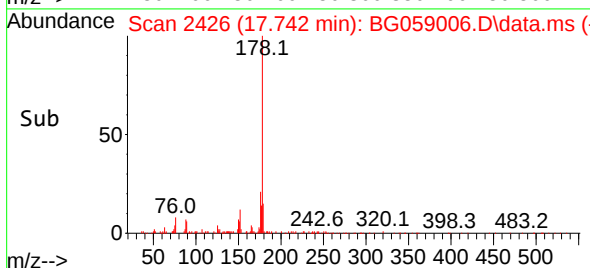
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Supervised By :mohammad ahmed 09/13/2023

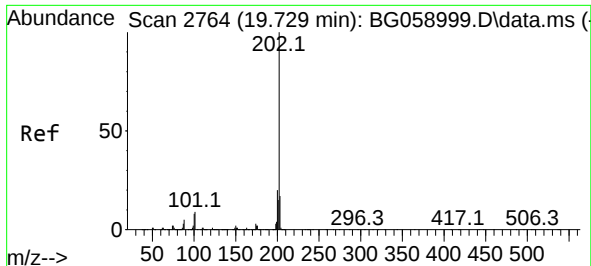


#72
Phenanthrene
Concen: 4.763 ng/ul
RT: 17.742 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51



Tgt Ion:178 Resp: 115493
Ion Ratio Lower Upper
178 100
179 17.4 11.8 17.8
176 21.5 15.1 22.7





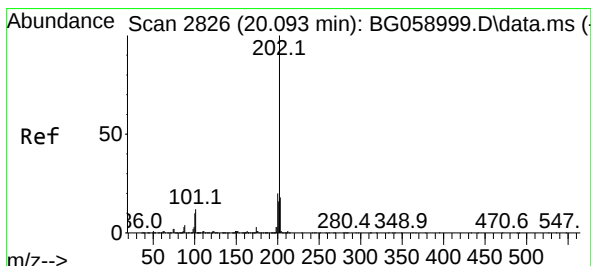
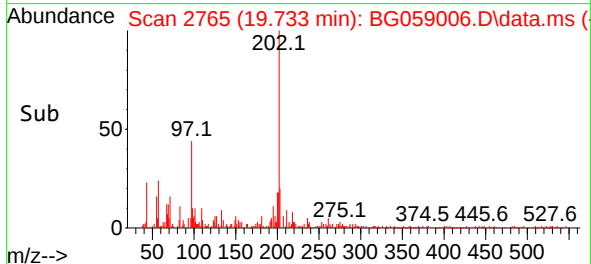
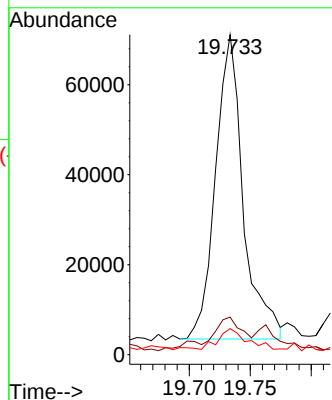
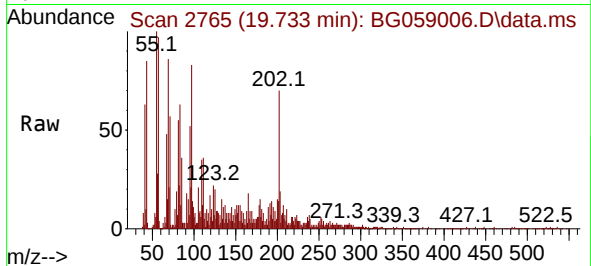
#80
Fluoranthene
Concen: 3.083 ng/u1
RT: 19.733 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

Instrument :
BNA_G
ClientSampleId :
EZYK1

Tgt Ion:202 Resp: 106918
Ion Ratio Lower Upper
202 100
101 14.2 6.1 9.1#
100 8.2 5.9 8.9

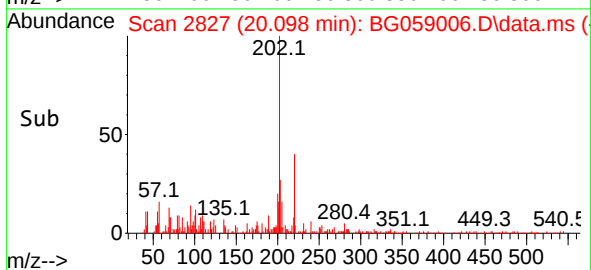
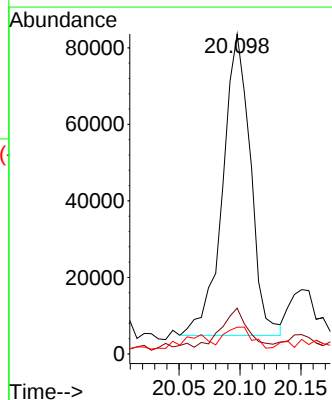
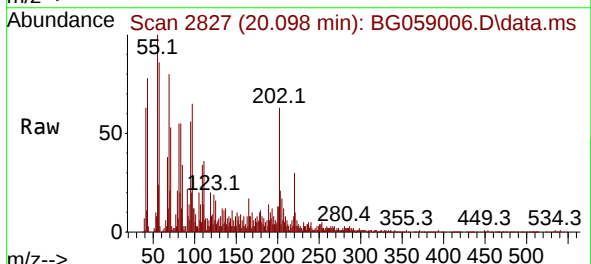
Manual Integrations
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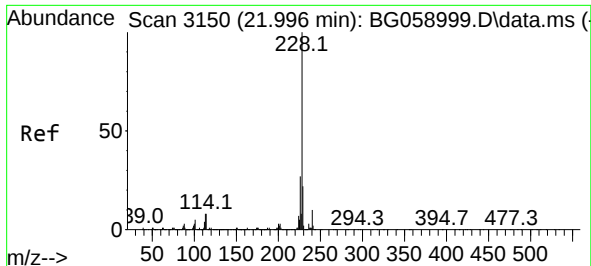
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#82
Pyrene
Concen: 3.473 ng/u1
RT: 20.098 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

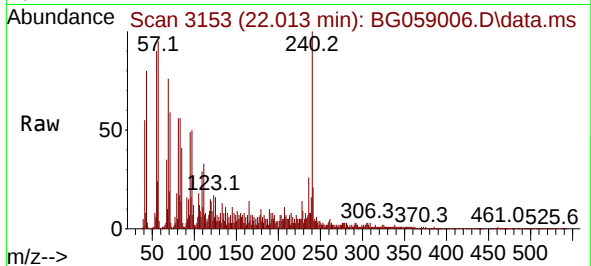
Tgt Ion:202 Resp: 125206
Ion Ratio Lower Upper
202 100
101 14.3 7.5 11.3#
100 8.4 6.3 9.5





#85
Benzo(a)anthracene
Concen: 1.010 ng/ul
RT: 22.013 min Scan# 3153
Delta R.T. 0.011 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

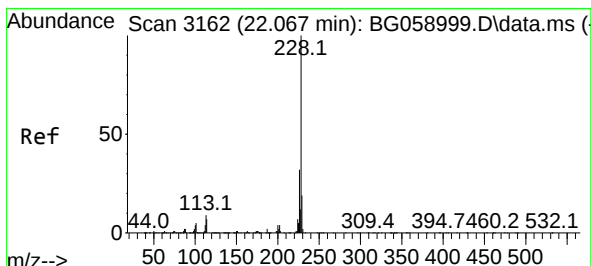
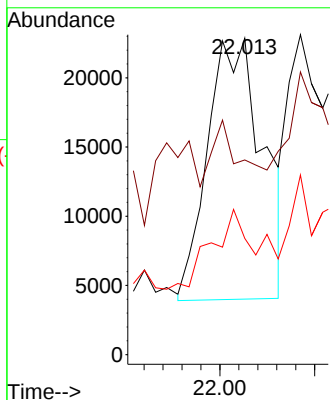
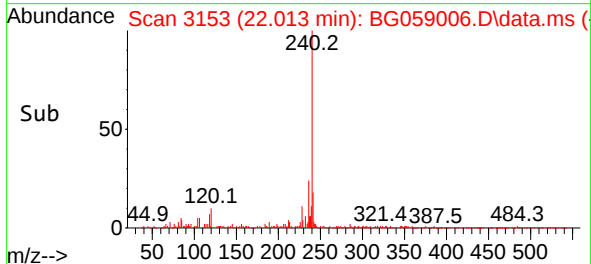
Instrument :
BNA_G
ClientSampleId :
EZYK1



Tgt Ion:228 Resp: 3818
Ion Ratio Lower Upper
228 100
229 61.5 16.0 24.0
226 36.8 20.8 31.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#87
Chrysene
Concen: 2.186 ng/ul m
RT: 22.072 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG059006.D
Acq: 12 Sep 2023 7:51

Tgt Ion:228 Resp: 76808
Ion Ratio Lower Upper
228 100
226 44.8 23.2 34.8#
229 55.5 15.3 22.9#

