

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059631.D
 Acq On : 4 Nov 2023 21:22
 Operator : MA/JU
 Sample : 05060-13DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCKH1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 04:09:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	39499	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.196	136	261658	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.980	164	174190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.729	188	401608	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.065	240	343500	20.000	ng/ul	0.00
88) Perylene-d12	25.667	264	386428	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.465	99	6233	1.543	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	1974	0.914	ng/ul	0.00
11) 2-Chlorophenol-d4	7.864	132	4343	1.583	ng/ul	0.00
15) 4-Methylphenol-d8	9.039	113	2713	0.821	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	3448	1.802	ng/ul	0.00
24) 2-Nitrophenol-d4	10.273	143	3713	1.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	6523	1.590	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	4397	0.681	ng/ul	0.00
46) Dimethylphthalate-d6	14.374	166	26622	1.904	ng/ul	0.00
49) Acenaphthylene-d8	14.680	160	28253	1.695	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.961	176	19762	1.502	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.835	188	34005	1.618	ng/ul	0.00
81) Pyrene-d10	20.103	212	40426	1.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.414	264	41172m	1.820	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	15.044	153	18301	1.476	ng/ul	92
61) Fluorene	16.025	166	35722	2.473	ng/ul#	82
72) Phenanthrene	17.776	178	252310	10.725	ng/ul	96
74) Anthracene	17.864	178	157571	6.340	ng/ul	95
80) Fluoranthene	19.768	202	537744	19.951	ng/ul#	93
82) Pyrene	20.132	202	437870	16.143	ng/ul#	94
85) Benzo(a)anthracene	22.042	228	173512	6.443	ng/ul	96
87) Chrysene	22.118	228	176522m	7.220	ng/ul	
90) Benzo(b)fluoranthene	24.498	252	152681m	5.802	ng/ul	
91) Benzo(k)fluoranthene	24.568	252	62538m	2.330	ng/ul	
93) Benzo(a)pyrene	25.485	252	70865m	2.785	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.833	276	42056m	1.293	ng/ul	
96) Benzo(g,h,i)perylene	31.149	276	33720m	1.320	ng/ul	

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

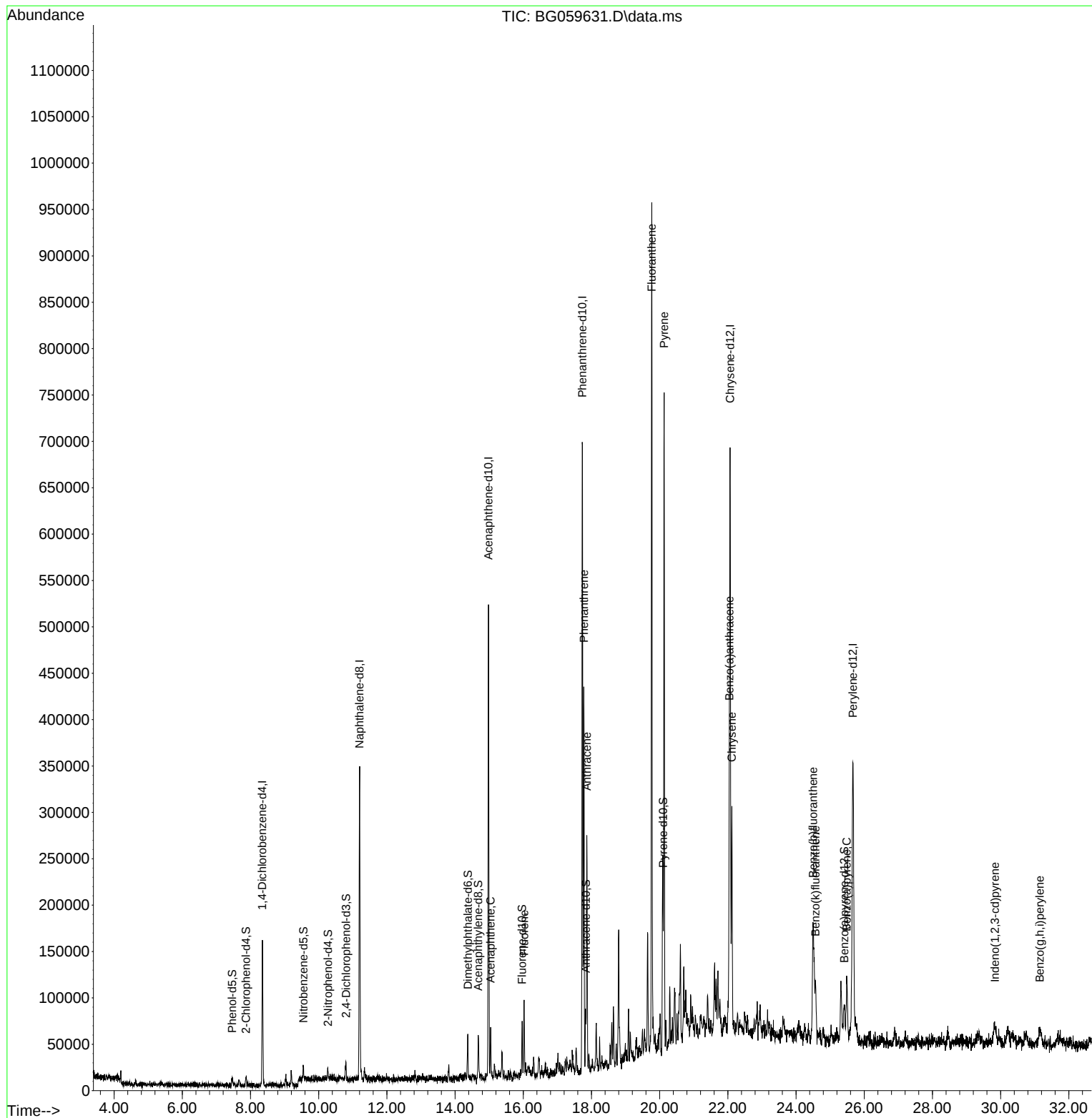
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059631.D
Acq On : 4 Nov 2023 21:22
Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

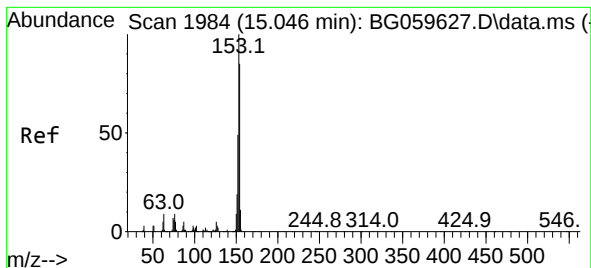
Instrument :
BNA_G
ClientSampleId :
DCKH1DL

Quant Time: Nov 06 04:09:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
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#52

Acenaphthene

Concen: 1.476 ng/ul

RT: 15.044 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BG059631.D

Acq: 4 Nov 2023 21:22

Instrument :

BNA_G

ClientSampleId :

DCKH1DL

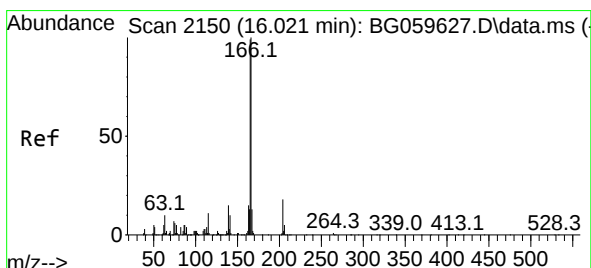
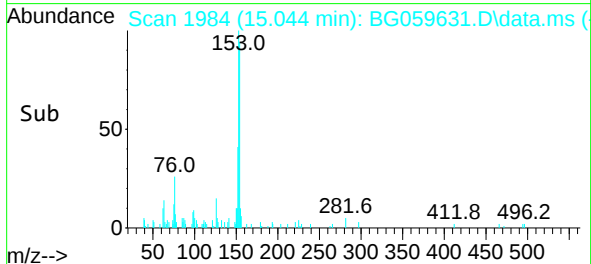
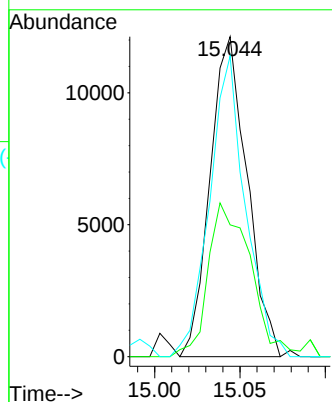
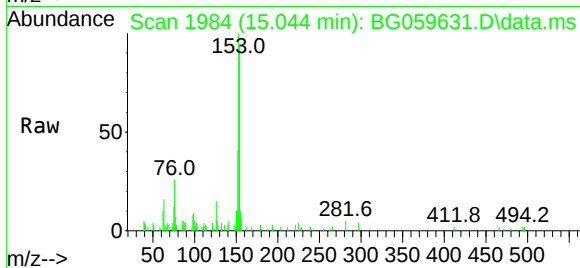
Tgt Ion:153	Resp:	1830
Ion Ratio	Lower	Upper
153	100	
152	41.2	39.4 59.0
154	93.9	70.7 106.1

Manual Integrations

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Supervised By :mohammad ahmed 11/08/2023



#61

Fluorene

Concen: 2.473 ng/ul

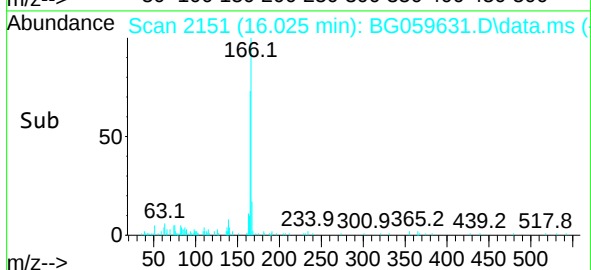
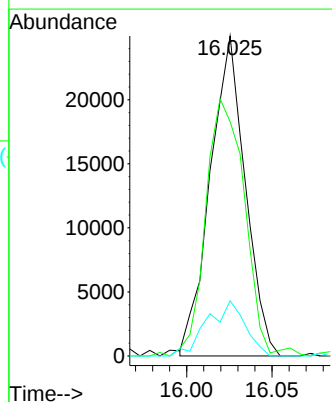
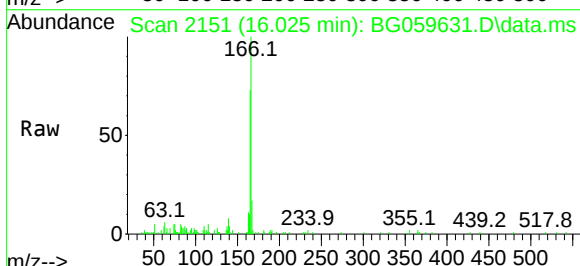
RT: 16.025 min Scan# 2151

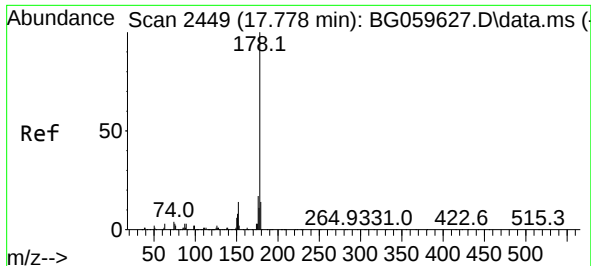
Delta R.T. 0.000 min

Lab File: BG059631.D

Acq: 4 Nov 2023 21:22

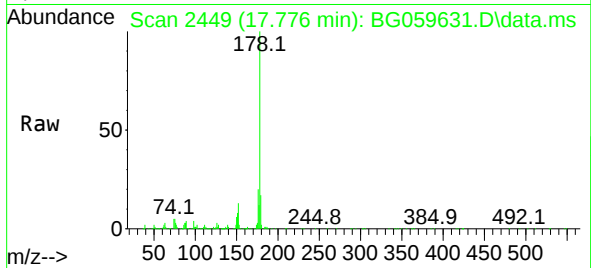
Tgt Ion:166	Resp:	35722
Ion Ratio	Lower	Upper
166	100	
165	73.2	73.0 109.4
167	17.3	9.3 13.9





#72
Phenanthrene
Concen: 10.725 ng/u1
RT: 17.776 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

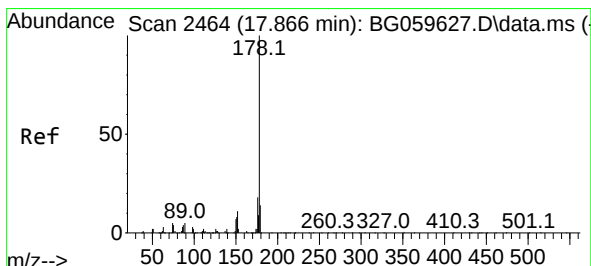
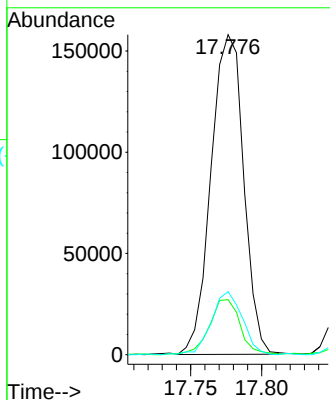
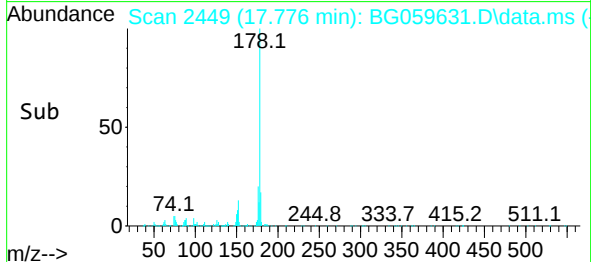
Instrument :
BNA_G
ClientSampleId :
DCKH1DL



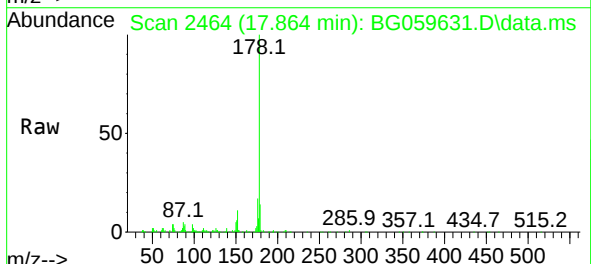
Tgt Ion:178 Resp: 252310
Ion Ratio Lower Upper
178 100
179 17.2 11.8 17.6
176 19.7 16.4 24.6

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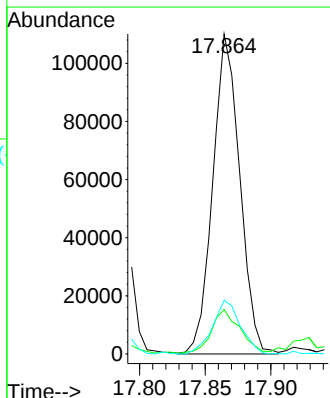
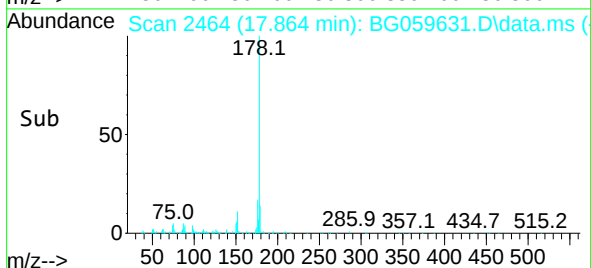
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

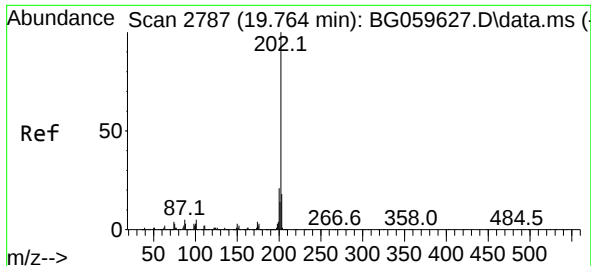


#74
Anthracene
Concen: 6.340 ng/u1
RT: 17.864 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22



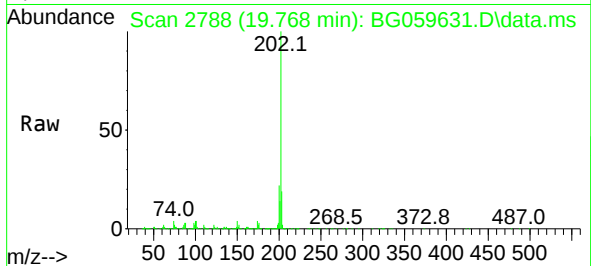
Tgt Ion:178 Resp: 157571
Ion Ratio Lower Upper
178 100
179 13.9 12.0 18.0
176 16.7 15.6 23.4





#80
Fluoranthene
Concen: 19.951 ng/uI
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

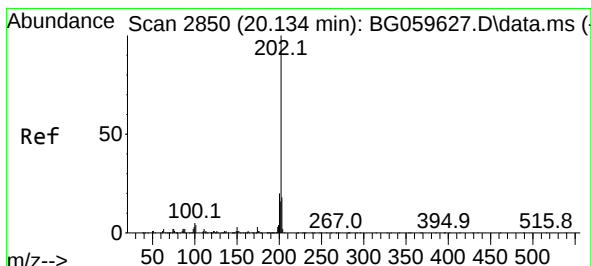
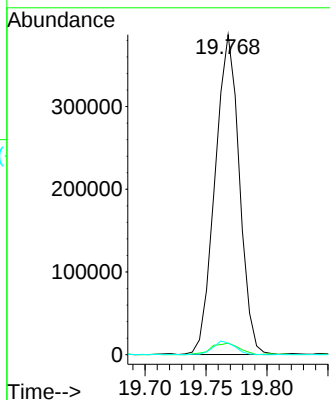
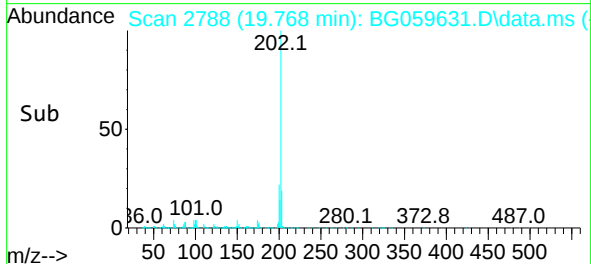
Instrument :
BNA_G
ClientSampleId :
DCKH1DL



Tgt Ion:202 Resp: 537744
Ion Ratio Lower Upper
202 100
101 3.6 4.6 7.0
100 3.6 4.8 7.2

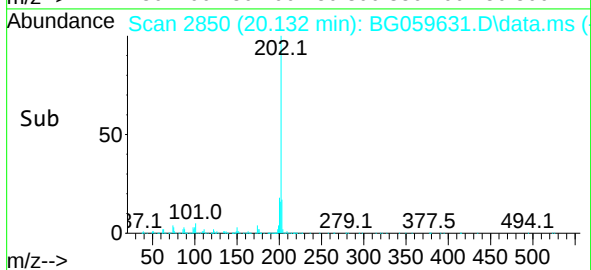
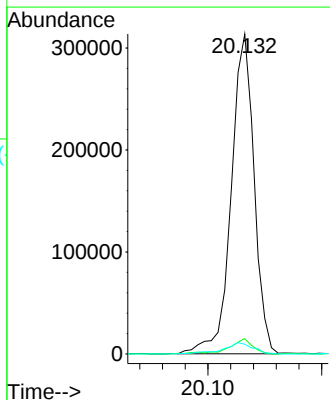
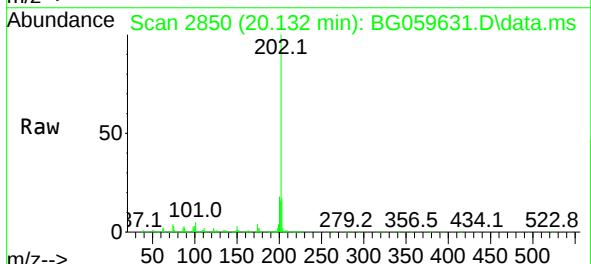
Manual Integrations
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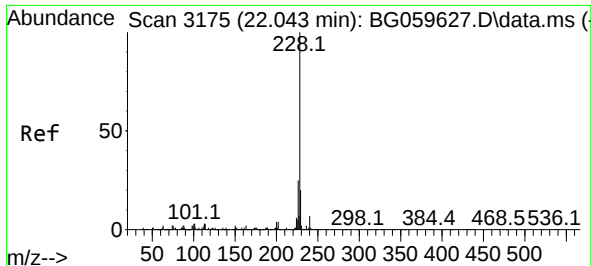
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



#82
Pyrene
Concen: 16.143 ng/uI
RT: 20.132 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

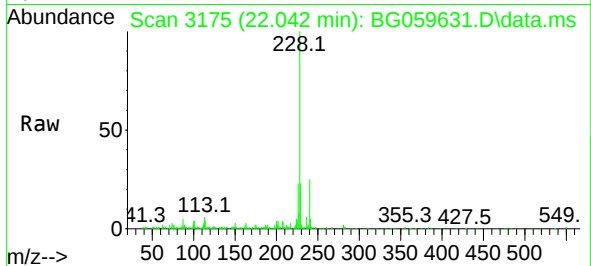
Tgt Ion:202 Resp: 437870
Ion Ratio Lower Upper
202 100
101 4.8 4.6 6.8
100 3.0 5.1 7.7





#85
Benzo(a)anthracene
Concen: 6.443 ng/u1
RT: 22.042 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

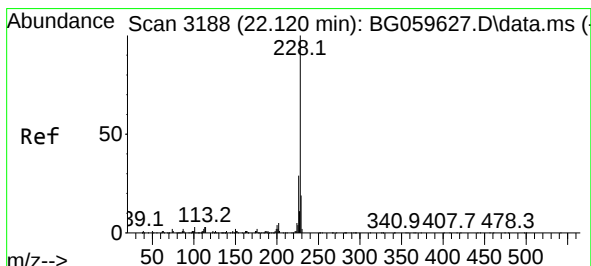
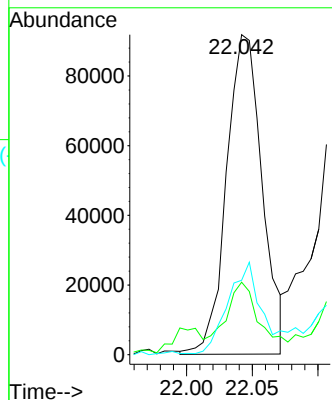
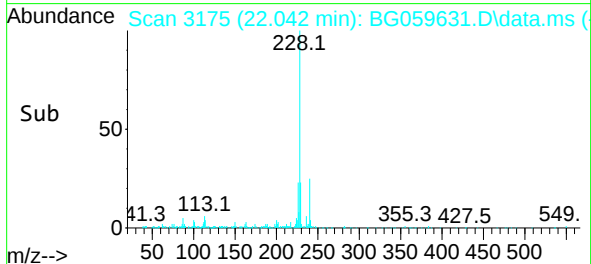
Instrument :
BNA_G
ClientSampleId :
DCKH1DL



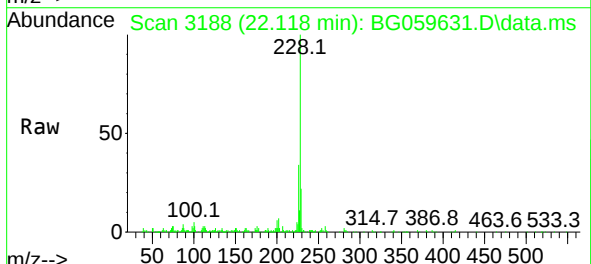
Tgt Ion:228 Resp: 173512
Ion Ratio Lower Upper
228 100
229 22.7 17.7 26.5
226 23.2 21.1 31.7

Manual Integrations
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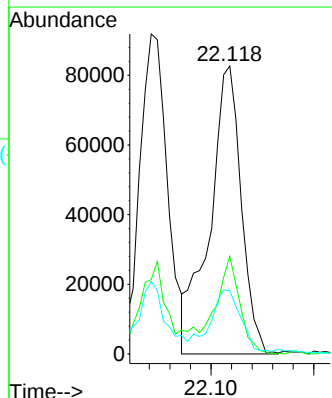
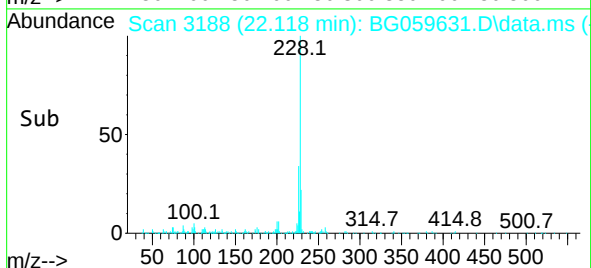
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

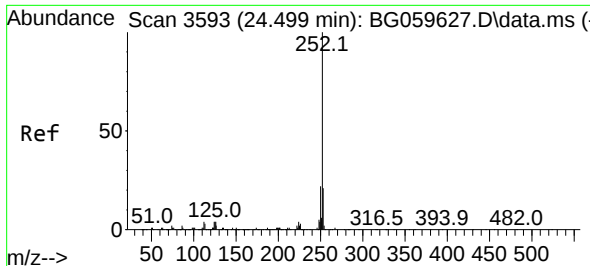


#87
Chrysene
Concen: 7.220 ng/u1 m
RT: 22.118 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22



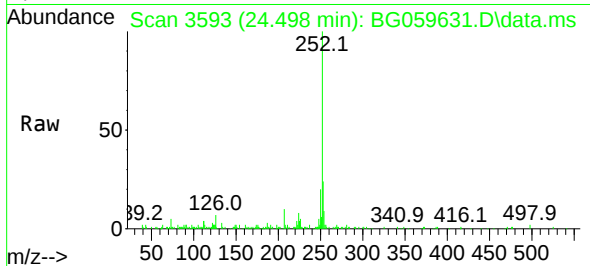
Tgt Ion:228 Resp: 176522
Ion Ratio Lower Upper
228 100
226 33.9 21.7 32.5#
229 21.9 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 5.802 ng/ul m
RT: 24.498 min Scan# 3593
Delta R.T. -0.006 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

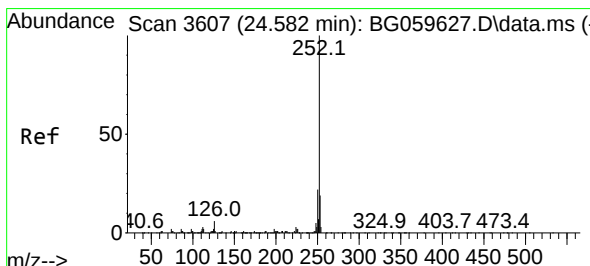
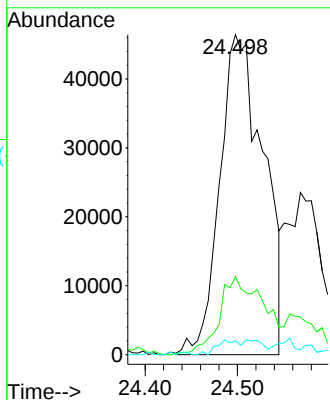
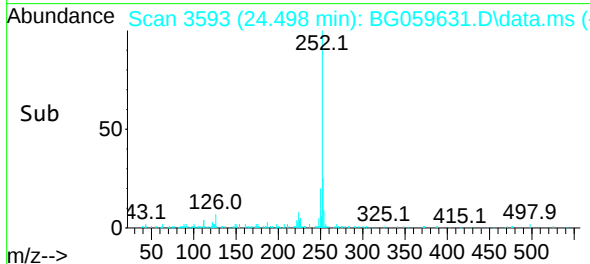
Instrument :
BNA_G
ClientSampleId :
DCKH1DL



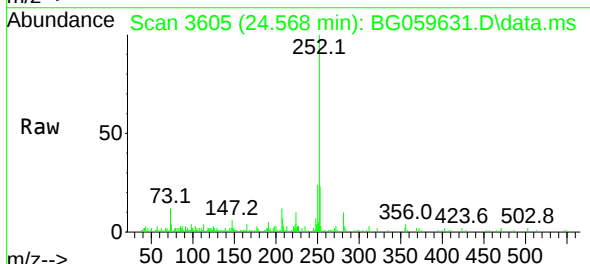
Tgt Ion:252 Resp: 15268
Ion Ratio Lower Upper
252 100
253 24.5 15.1 22.7
125 2.3 2.4 3.6

Manual Integrations
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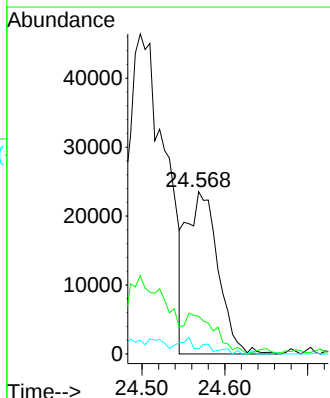
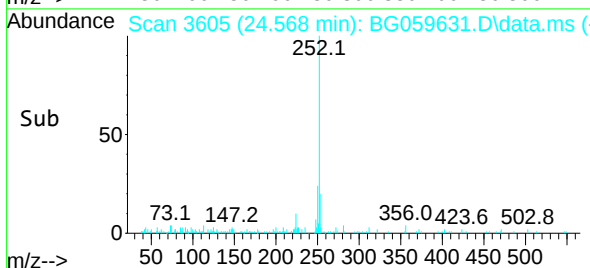
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

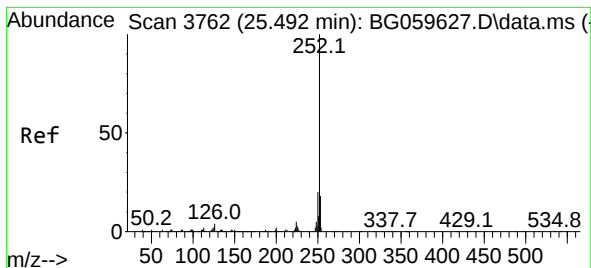


#91
Benzo(k)fluoranthene
Concen: 2.330 ng/ul m
RT: 24.568 min Scan# 3605
Delta R.T. -0.017 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22



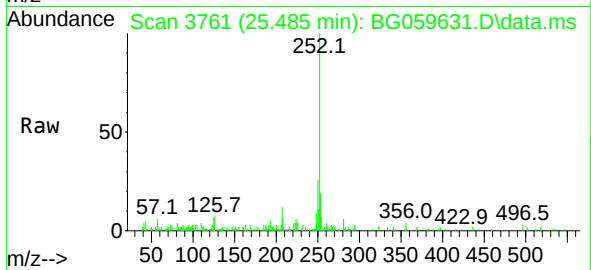
Tgt Ion:252 Resp: 62538
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 3.0 4.1 6.1





#93
Benzo(a)pyrene
Concen: 2.785 ng/ul m
RT: 25.485 min Scan# 3762
Delta R.T. -0.023 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22

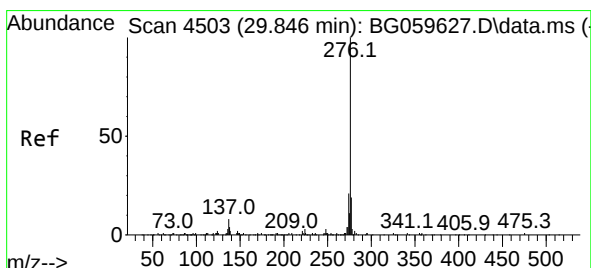
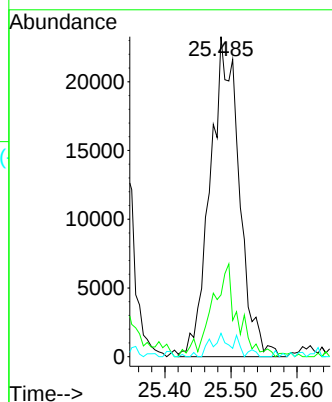
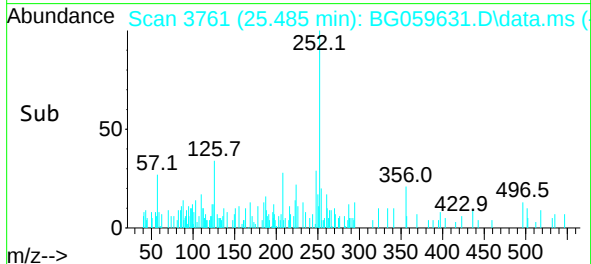
Instrument :
BNA_G
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DCKH1DL



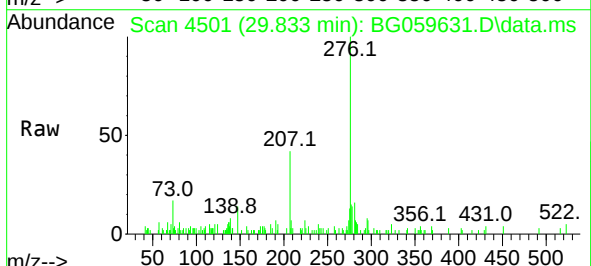
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Ion Ratio Lower Upper
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253 19.3 14.9 22.3
125 7.3 3.8 5.8

Manual Integrations
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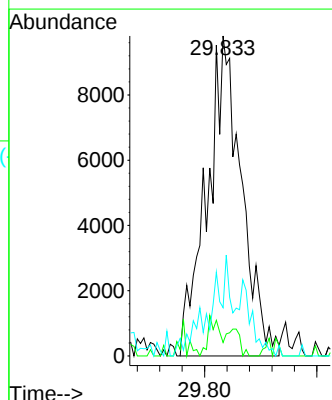
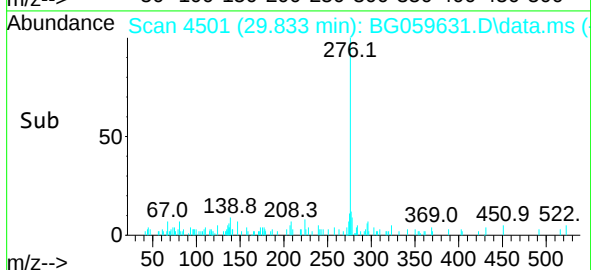
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

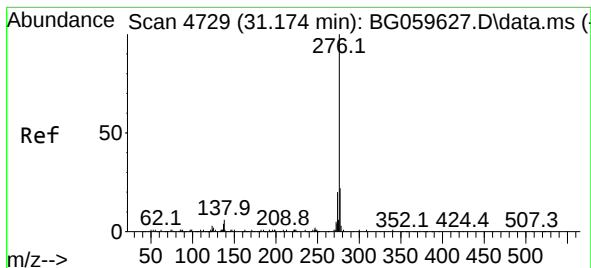


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.293 ng/ul m
RT: 29.833 min Scan# 4501
Delta R.T. -0.023 min
Lab File: BG059631.D
Acq: 4 Nov 2023 21:22



Tgt Ion:276 Resp: 42056
Ion Ratio Lower Upper
276 100
138 4.2 5.4 8.2#
277 15.1 18.5 27.7#





#96

Benzo(g,h,i)perylene

Concen: 1.320 ng/ul m

RT: 31.149 min Scan# 4

Delta R.T. -0.047 min

Lab File: BG059631.D

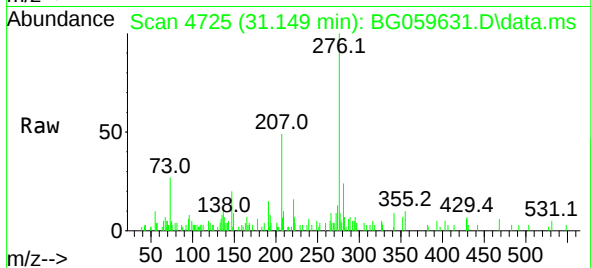
Acq: 4 Nov 2023 21:22

Instrument :

BNA_G

ClientSampleId :

DCKH1DL



Tgt Ion:276 Resp: 33720

Ion Ratio Lower Upper

276 100

138 7.1 4.6 6.8

277 9.2 17.5 26.3

Manual Integrations

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Supervised By :mohammad ahmed 11/08/2023

