

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061283.D
 Acq On : 24 May 2024 11:46
 Operator : MA/JU
 Sample : P2548-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5X8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:09:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	22386	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	95394	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.522	164	82471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	217723	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	217640	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	241936	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.752	84	1518	1.067	ng/ul	0.00
7) Phenol-d5	7.066	99	10580	5.755	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	7277	6.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	8195	6.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	7948	5.070	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	4746	6.462	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	5535	6.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	9920	5.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	10602m	4.836	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	38960	6.091	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	42106	6.332	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	3279	4.147	ng/ul	0.01
60) Fluorene-d10	15.515	176	36427	6.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	5094	3.868	ng/ul	0.00
73) Anthracene-d10	17.365	188	61350	6.391	ng/ul	0.00
81) Pyrene-d10	19.657	212	72939	6.527	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	76718	6.596	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	67571	6.394	ng/ul	98
74) Anthracene	17.395	178	11246m	1.029	ng/ul	
80) Fluoranthene	19.322	202	118444	8.835	ng/ul	100
82) Pyrene	19.686	202	99402	7.143	ng/ul	98
85) Benzo(a)anthracene	21.496	228	58958	3.926	ng/ul	99
87) Chrysene	21.560	228	54906	3.971	ng/ul	96
90) Benzo(b)fluoranthene	23.623	252	70520	4.896	ng/ul	96
91) Benzo(k)fluoranthene	23.682	252	29243m	2.000	ng/ul	
93) Benzo(a)pyrene	24.451	252	51462	3.762	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.088	276	37975	2.296	ng/ul#	90
96) Benzo(g,h,i)perylene	29.175	276	35418	2.692	ng/ul	98

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

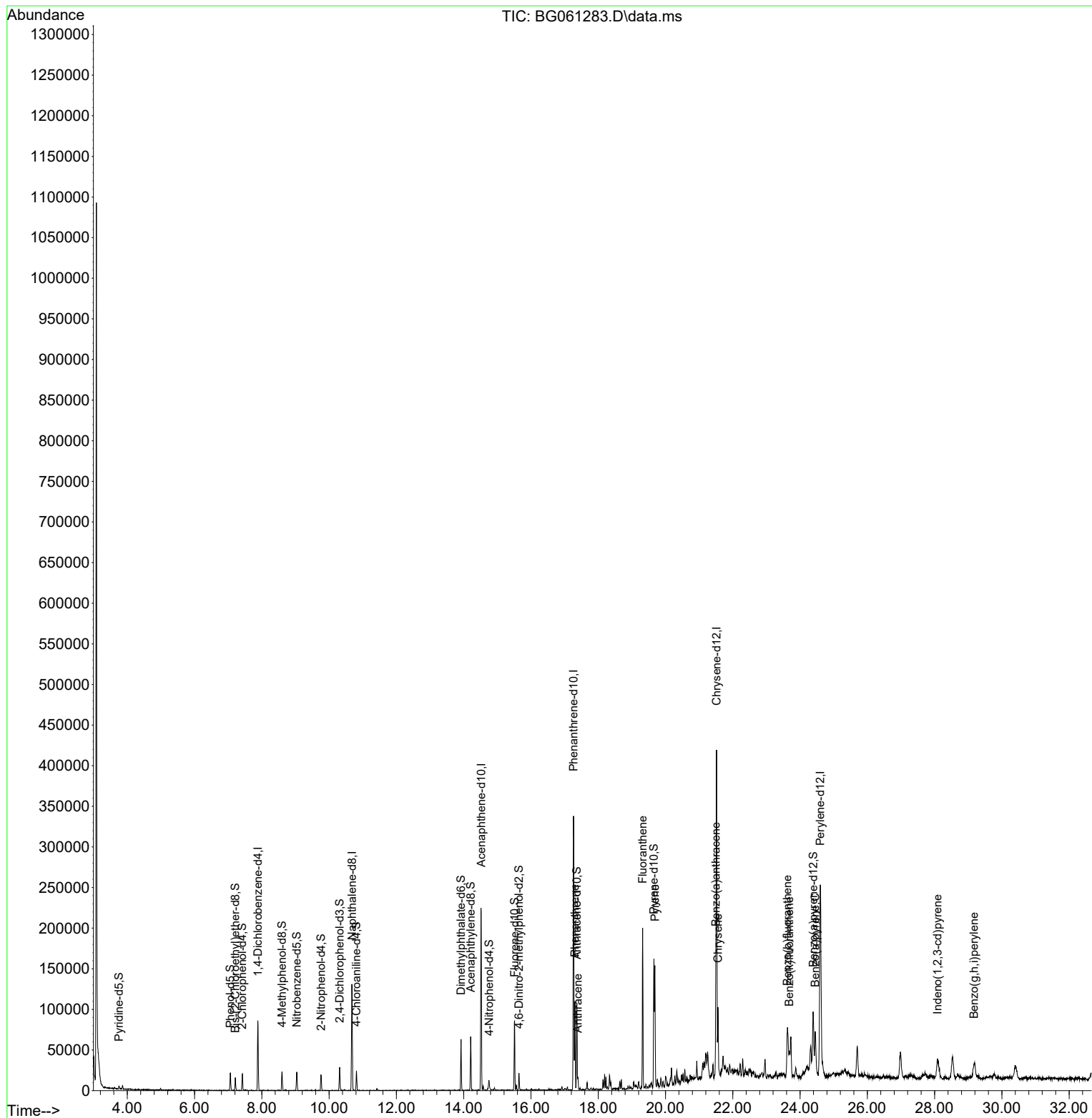
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061283.D
Acq On : 24 May 2024 11:46
Operator : MA/JU
Sample : P2548-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

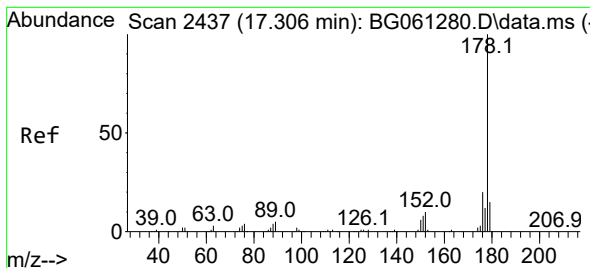
Instrument :
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Quant Time: May 25 00:09:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.394 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG061283.D

Acq: 24 May 2024 11:46

Instrument :

BNA_G

ClientSampleId :

BH5X8

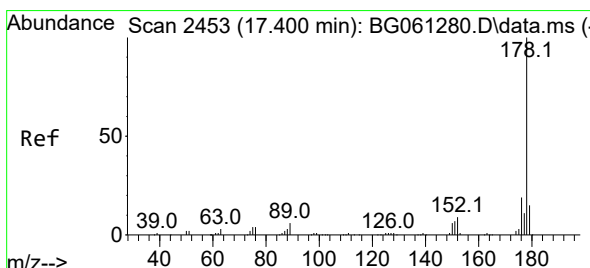
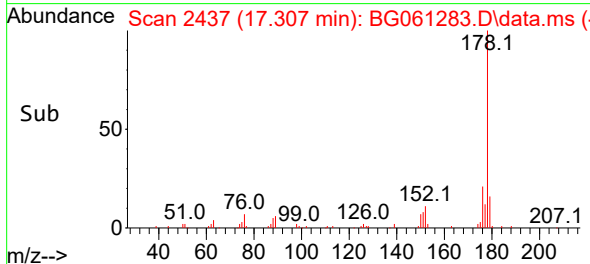
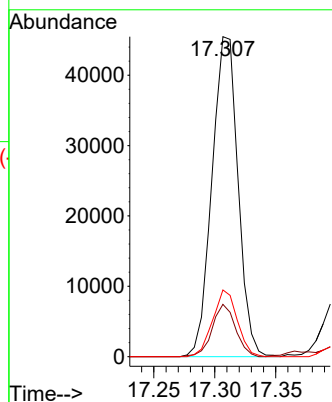
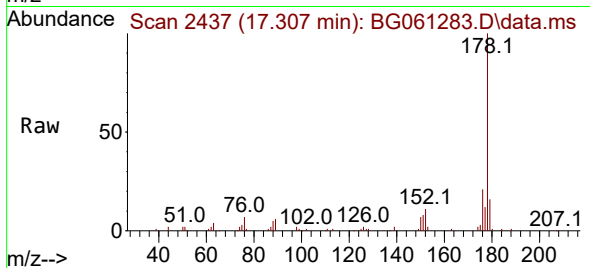
Tgt Ion:178	Resp:	6757
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.7 19.1
176	20.9	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 05/27/2024



#74

Anthracene

Concen: 1.029 ng/ul m

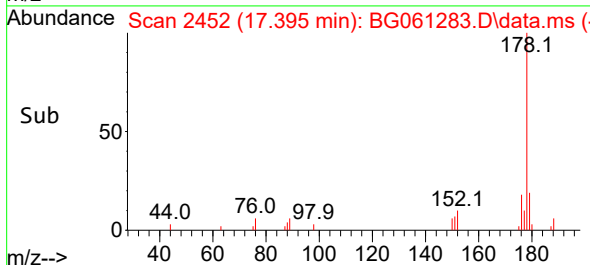
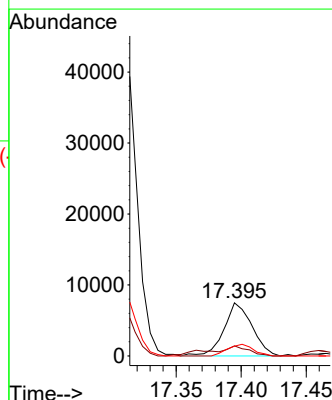
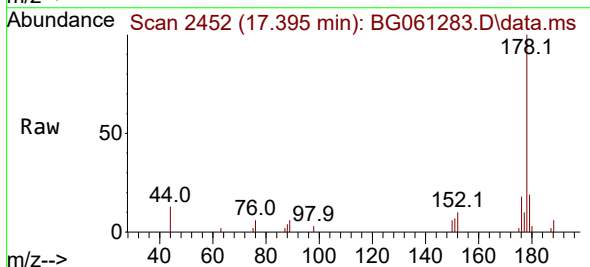
RT: 17.395 min Scan# 2452

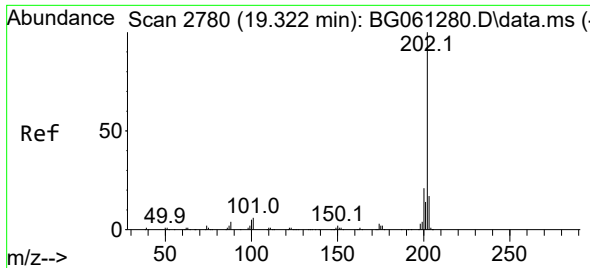
Delta R.T. -0.006 min

Lab File: BG061283.D

Acq: 24 May 2024 11:46

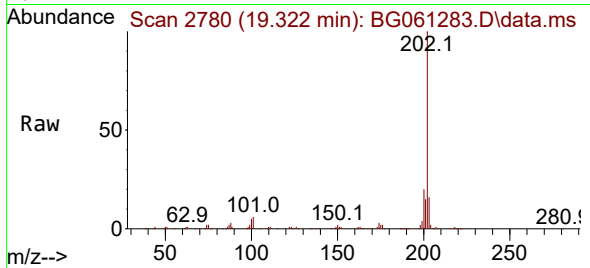
Tgt Ion:178	Resp:	11246
Ion Ratio	Lower	Upper
178	100	
179	19.0	11.8 17.6#
176	18.4	14.9 22.3





#80
Fluoranthene
Concen: 8.835 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46

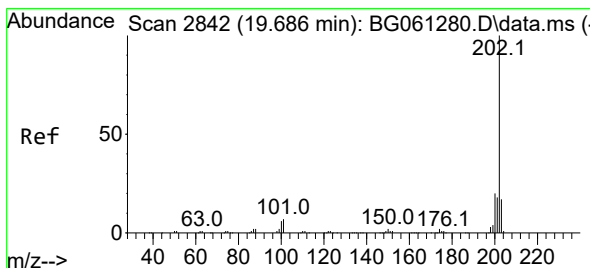
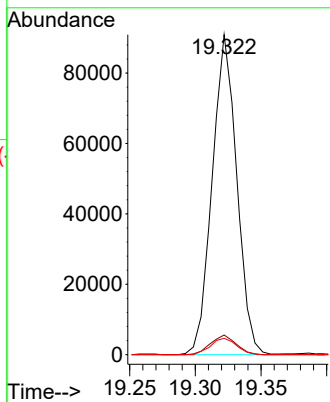
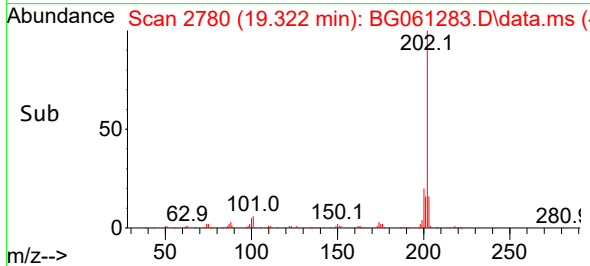
Instrument :
BNA_G
ClientSampleId :
BH5X8



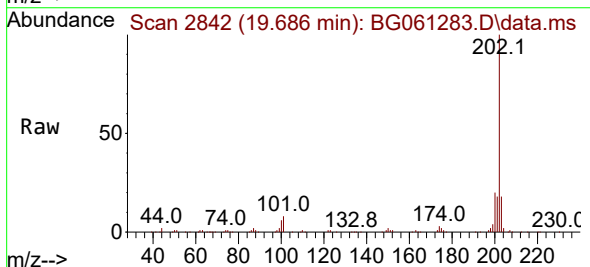
Tgt Ion:202 Resp: 11844
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 5.1 4.1 6.1

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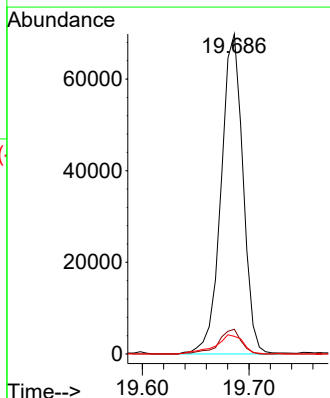
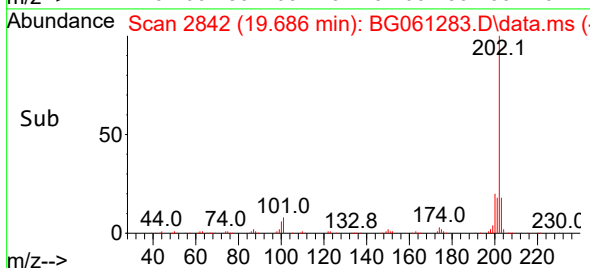
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

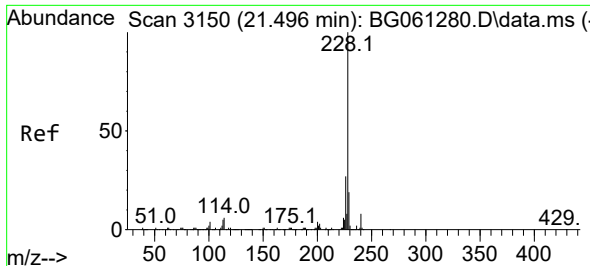


#82
Pyrene
Concen: 7.143 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46



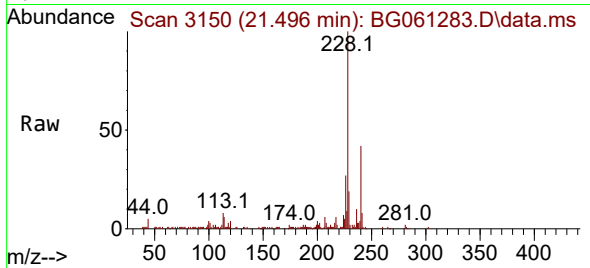
Tgt Ion:202 Resp: 99402
Ion Ratio Lower Upper
202 100
101 7.7 5.7 8.5
100 5.5 5.1 7.7





#85
Benzo(a)anthracene
Concen: 3.926 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46

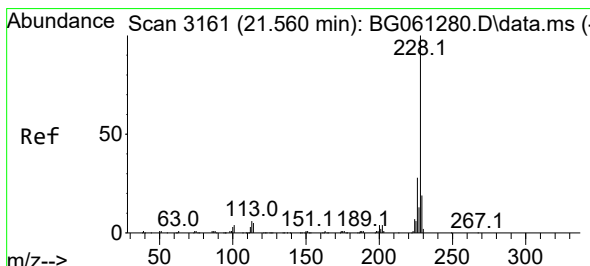
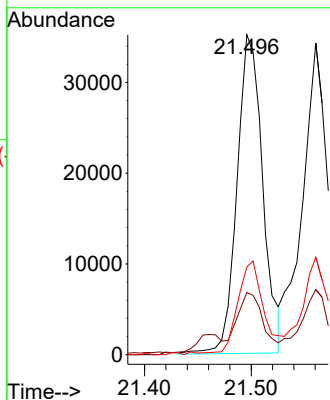
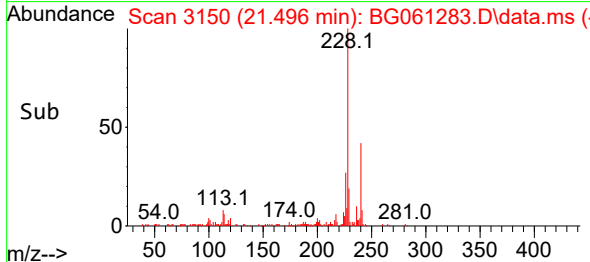
Instrument :
BNA_G
ClientSampleId :
BH5X8



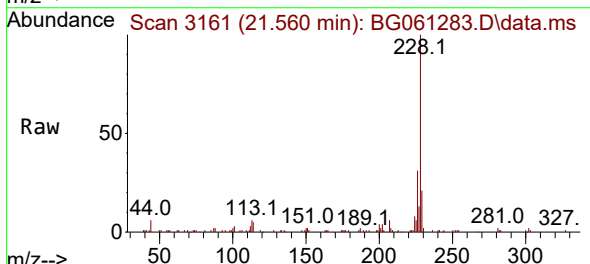
Tgt Ion:228 Resp: 58958
Ion Ratio Lower Upper
228 100
229 19.4 15.2 22.8
226 27.4 21.4 32.2

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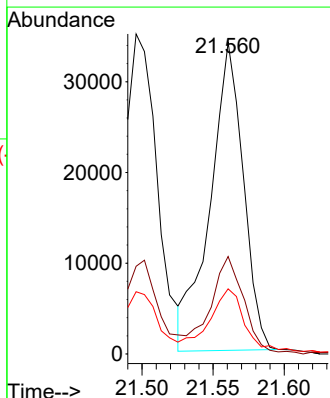
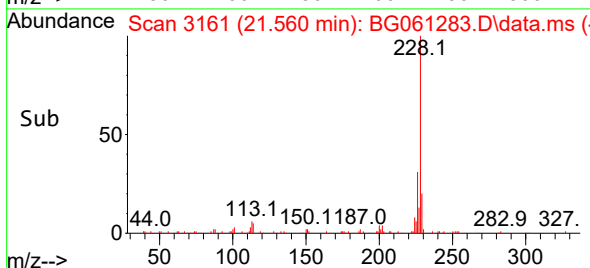
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

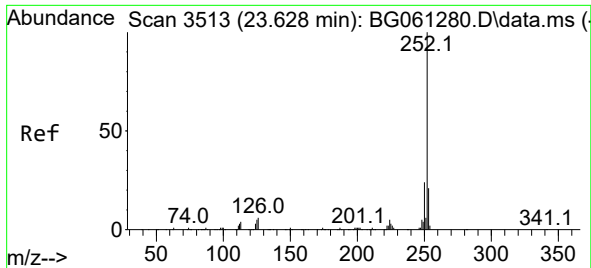


#87
Chrysene
Concen: 3.971 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46



Tgt Ion:228 Resp: 54906
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.0
229 20.9 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 4.896 ng/ul
RT: 23.623 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46

Instrument :

BNA_G

ClientSampleId :

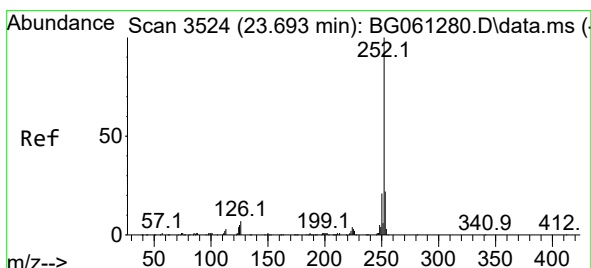
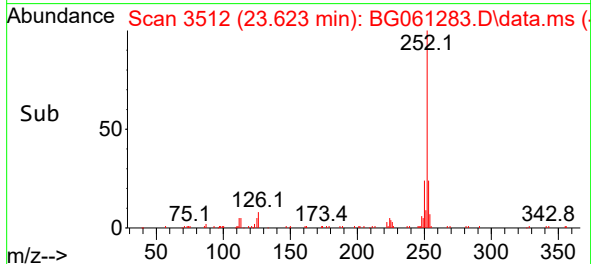
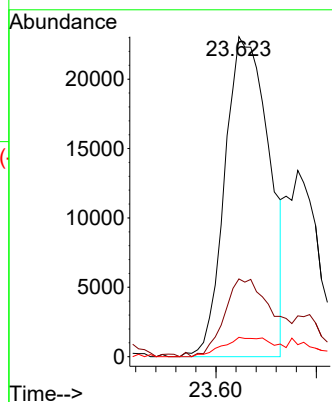
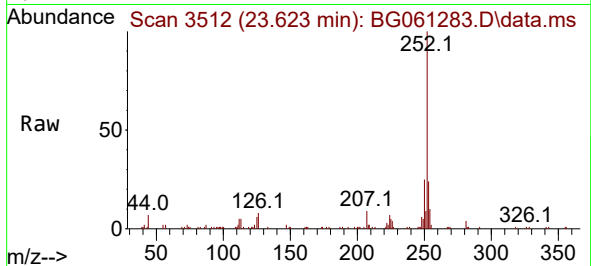
BH5X8

Tgt Ion:252 Resp: 70520
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 6.0 4.6 6.8

Manual Integrations

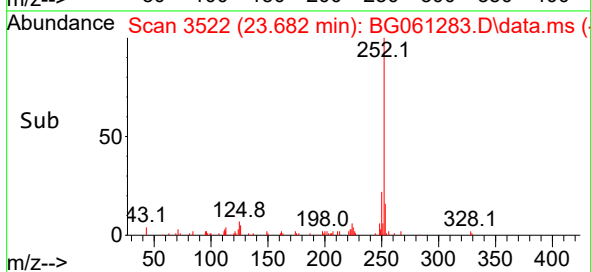
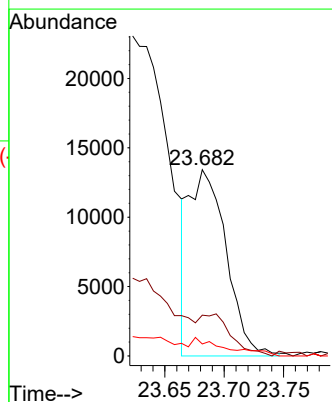
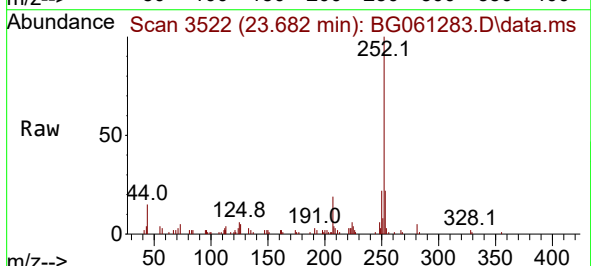
APPROVED

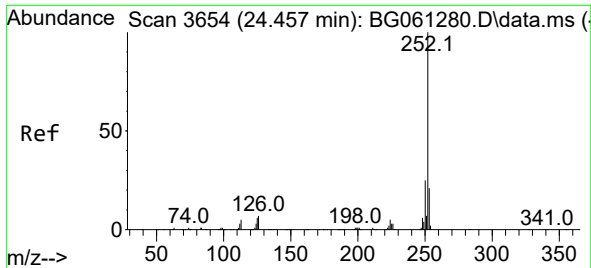
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#91
Benzo(k)fluoranthene
Concen: 2.000 ng/ul m
RT: 23.682 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46

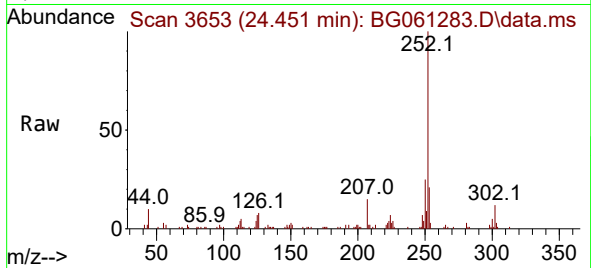
Tgt Ion:252 Resp: 29243
Ion Ratio Lower Upper
252 100
253 21.9 16.0 24.0
125 6.4 4.3 6.5





#93
Benzo(a)pyrene
Concen: 3.762 ng/ul
RT: 24.451 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46

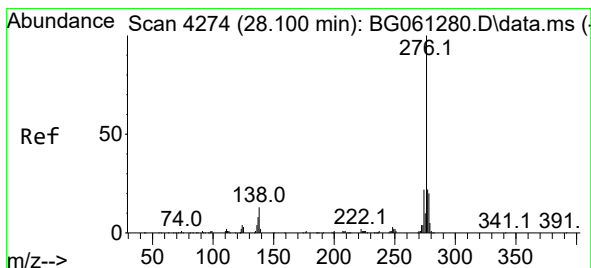
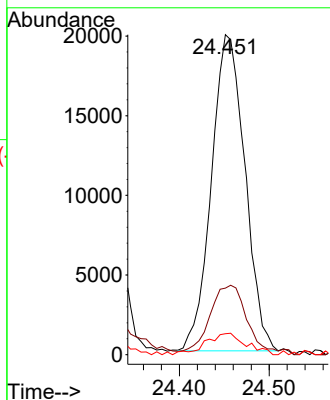
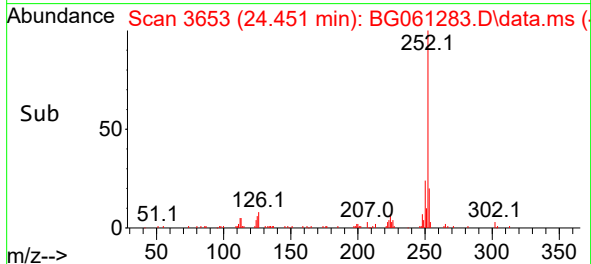
Instrument :
BNA_G
ClientSampleId :
BH5X8



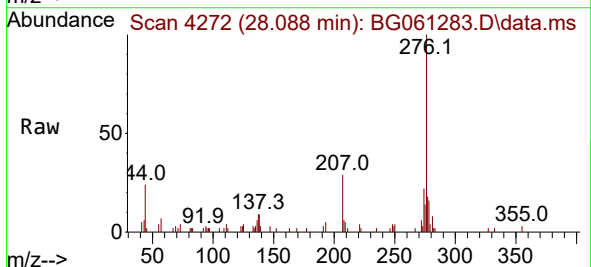
Tgt Ion:252 Resp: 51462
Ion Ratio Lower Upper
252 100
253 20.8 16.4 24.6
125 6.5 4.3 6.5

Manual Integrations
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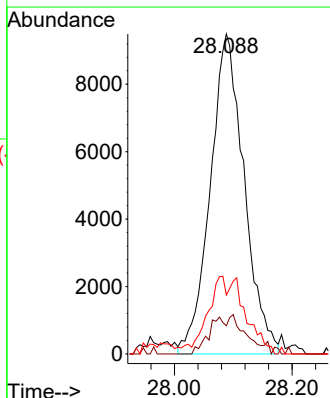
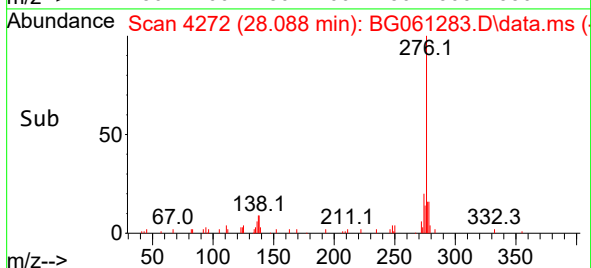
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

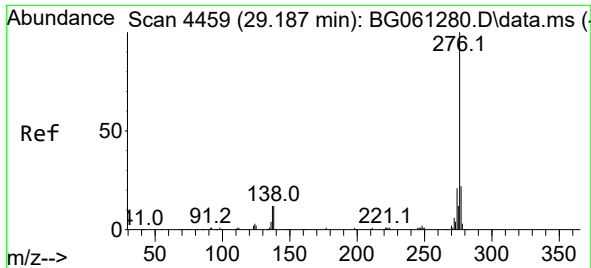


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.296 ng/ul
RT: 28.088 min Scan# 4272
Delta R.T. -0.018 min
Lab File: BG061283.D
Acq: 24 May 2024 11:46



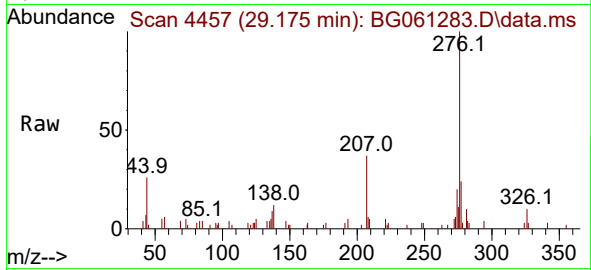
Tgt Ion:276 Resp: 37975
Ion Ratio Lower Upper
276 100
138 8.8 8.6 13.0
277 18.4 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.692 ng/ul
 RT: 29.175 min Scan# 4457
 Delta R.T. -0.018 min
 Lab File: BG061283.D
 Acq: 24 May 2024 11:46

Instrument :
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Tgt Ion:	276	Resp:	35418
Ion Ratio	Lower	Upper	
276	100		
138	11.6	8.7	13.1
277	23.8	18.2	27.2

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