

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063623.D
 Acq On : 10 Dec 2024 5:36
 Operator : RC/JU
 Sample : P5066-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28M2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 06:18:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	216120	20.000	ng/u1	0.00
20) Naphthalene-d8	10.609	136	915941	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.463	164	648747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	1397136	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.478	240	1151182	20.000	ng/u1	# 0.00
88) Perylene-d12	24.539	264	1286087	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	15417m	3.149	ng/uL	0.00
4) Pyridine-d5	3.693	84	218692	12.076	ng/u1	0.00
7) Phenol-d5	7.001	99	339286	15.945	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.154	67	259576	18.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.359	132	212459	16.950	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	278773	17.670	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	123770	19.251	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	116129	15.785	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	214578	13.546	ng/u1	0.00
31) 4-Chloroaniline-d4	10.744	131	370193	19.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	943354	20.008	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1074306	20.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	2895	0.480	ng/u1	0.00
60) Fluorene-d10	15.456	176	827523	17.805	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	3971	0.503	ng/u1	0.01
73) Anthracene-d10	17.318	188	1246770	19.543	ng/u1	0.00
81) Pyrene-d10	19.616	212	1456609	22.828	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.328	264	1322304	20.471	ng/u1	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.661	128	263196	5.582	ng/u1#	93
36) 2-Methylnaphthalene	12.277	142	577630	15.891	ng/u1	95
37) 1-Methylnaphthalene	12.495	142	401236	10.887	ng/u1#	98
43) 1,1'-Biphenyl	13.288	154	55842	1.297	ng/u1#	90
52) Acenaphthene	14.527	153	75071	1.908	ng/u1	94
61) Fluorene	15.515	166	291543	5.885	ng/u1#	92
72) Phenanthrene	17.260	178	1982752	28.811	ng/u1	97
74) Anthracene	17.348	178	524486	7.380	ng/u1#	95
80) Fluoranthene	19.281	202	670256	9.346	ng/u1#	93
82) Pyrene	19.645	202	826562	10.842	ng/u1#	91
85) Benzo(a)anthracene	21.461	228	104036	1.340	ng/u1#	76
87) Chrysene	21.525	228	148362	2.034	ng/u1#	72

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

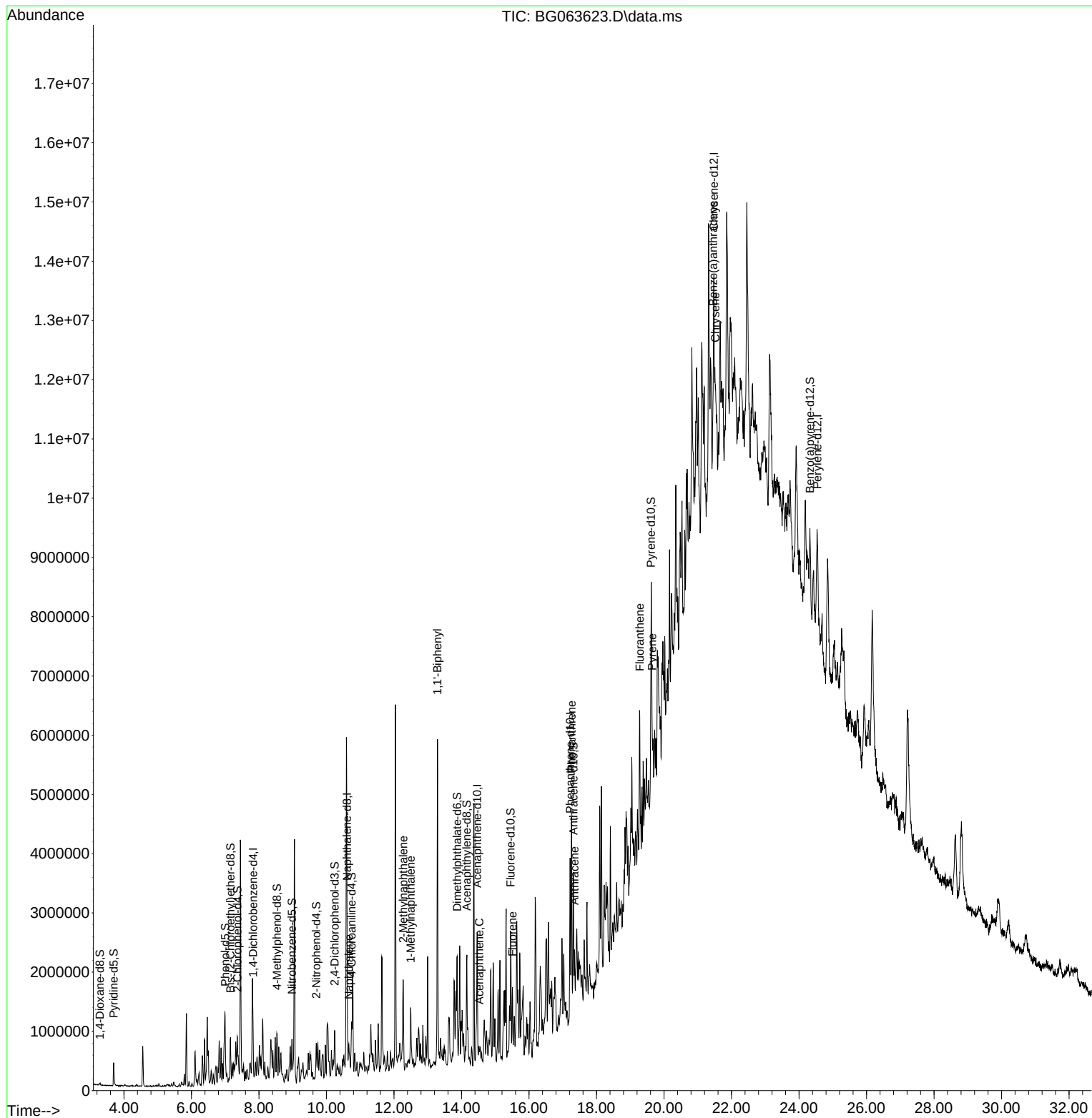
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063623.D
Acq On : 10 Dec 2024 5:36
Operator : RC/JU
Sample : P5066-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

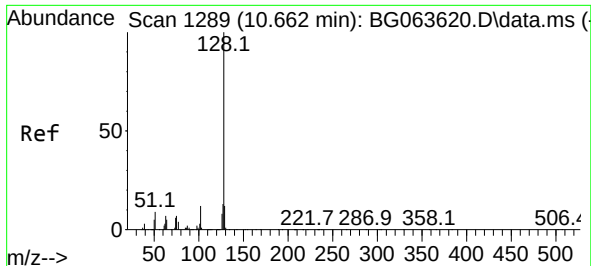
Instrument :
BNA_G
ClientSampleId :
E28M2

Quant Time: Dec 10 06:18:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

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APPROVED

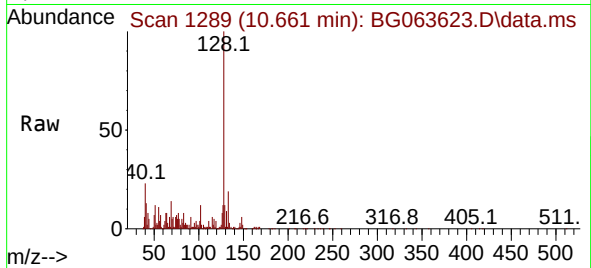
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#30
Naphthalene
Concen: 5.582 ng/ul
RT: 10.661 min Scan# 1289
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36

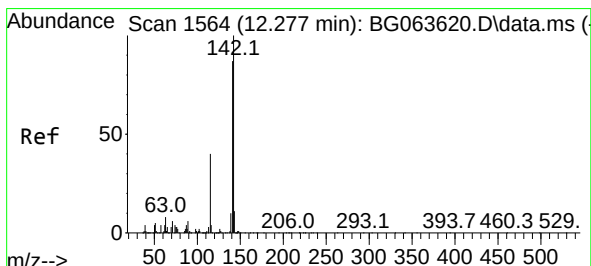
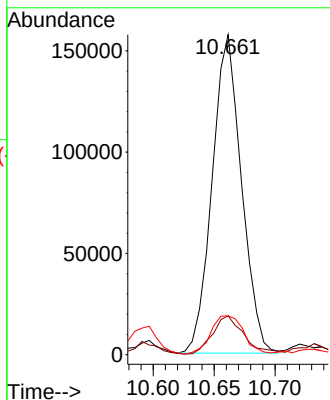
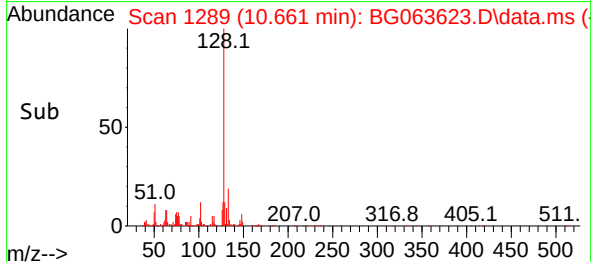
Instrument :
BNA_G
ClientSampleId :
E28M2



Tgt Ion:128 Resp: 263190
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 12.2 12.5 18.7

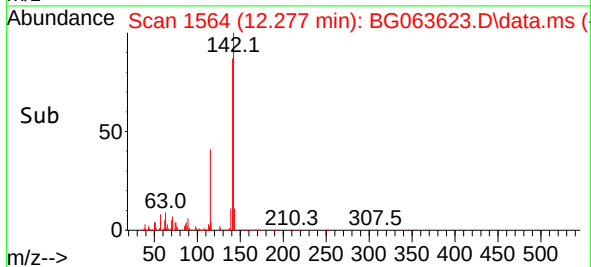
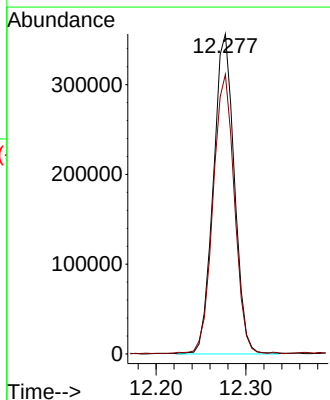
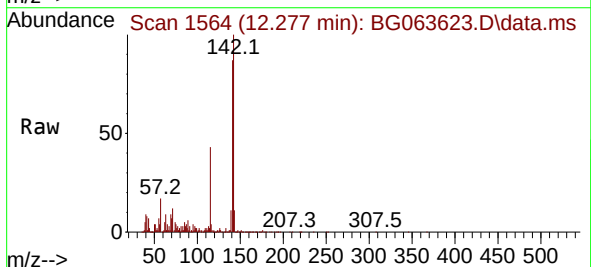
Manual Integrations
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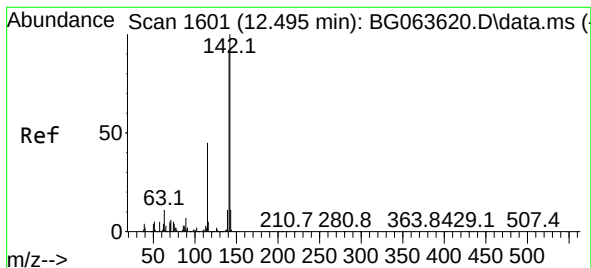
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#36
2-Methylnaphthalene
Concen: 15.891 ng/ul
RT: 12.277 min Scan# 1564
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36

Tgt Ion:142 Resp: 577630
Ion Ratio Lower Upper
142 100
141 87.4 73.4 110.0





#37

1-Methylnaphthalene

Concen: 10.887 ng/ul

RT: 12.495 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

Instrument :

BNA_G

ClientSampleId :

E28M2

Tgt Ion:142 Resp: 401230

Ion Ratio Lower Upper

142 100

141 91.8 74.6 111.8

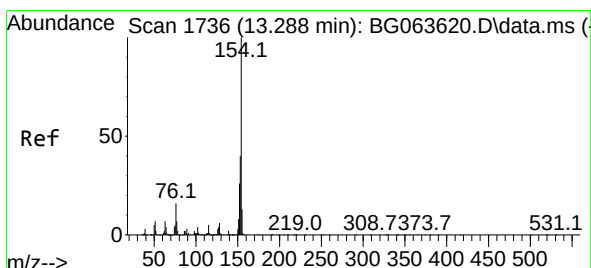
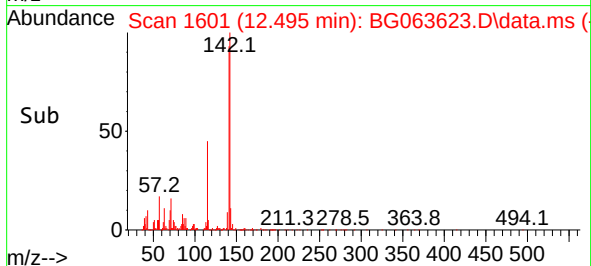
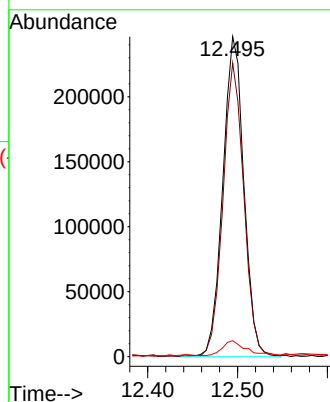
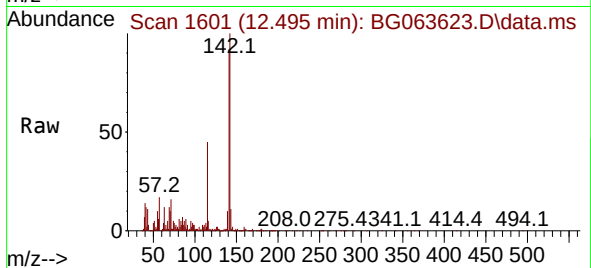
116 5.0 5.2 7.8

Manual Integrations

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Supervised By :mohammad ahmed 12/11/2024



#43

1,1'-Biphenyl

Concen: 1.297 ng/ul

RT: 13.288 min Scan# 1736

Delta R.T. -0.002 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

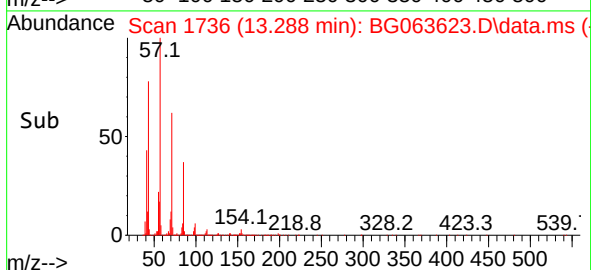
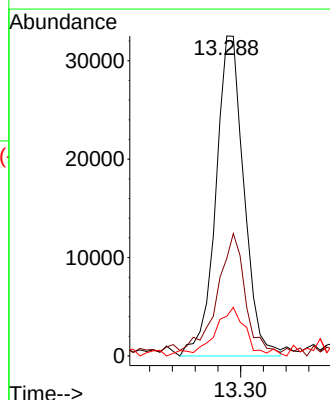
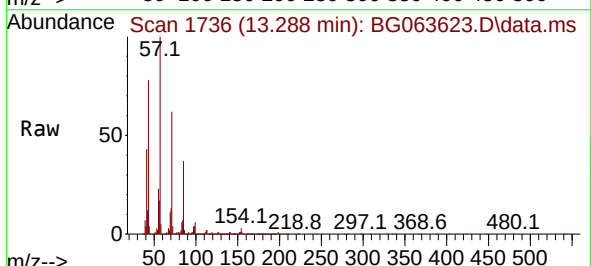
Tgt Ion:154 Resp: 55842

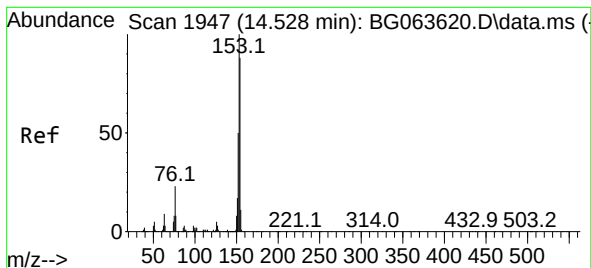
Ion Ratio Lower Upper

154 100

153 30.5 30.6 45.8

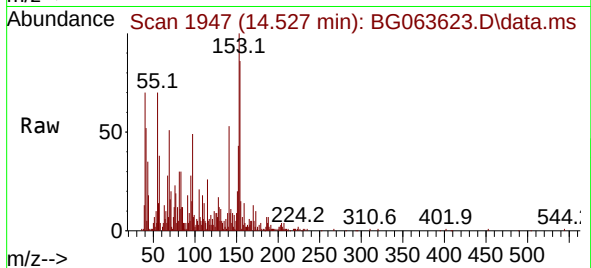
76 12.4 9.9 14.9





#52
Acenaphthene
Concen: 1.908 ng/u1
RT: 14.527 min Scan# 1947
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36

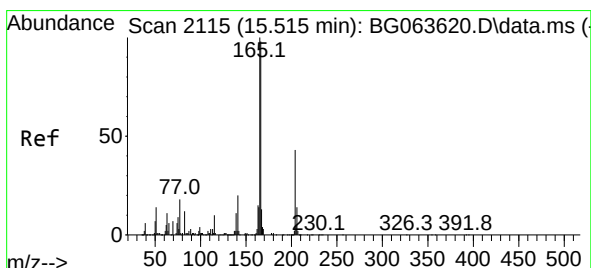
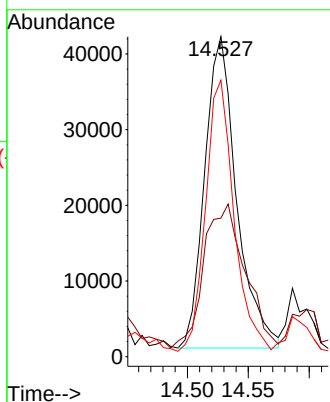
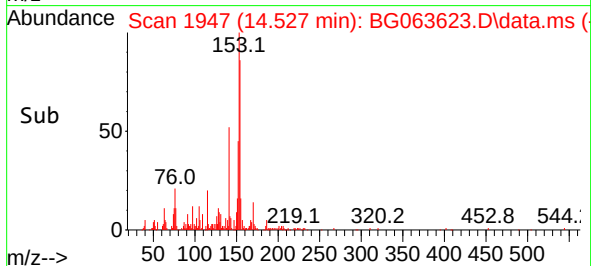
Instrument :
BNA_G
ClientSampleId :
E28M2



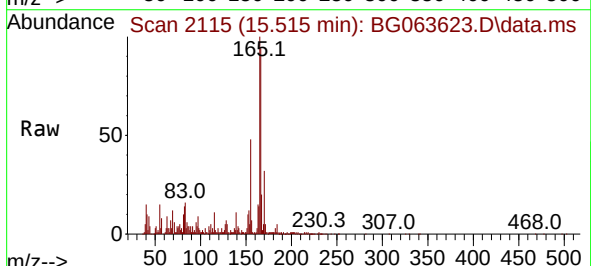
Tgt Ion:153 Resp: 7507
Ion Ratio Lower Upper
153 100
152 43.3 37.8 56.8
154 86.4 64.5 96.7

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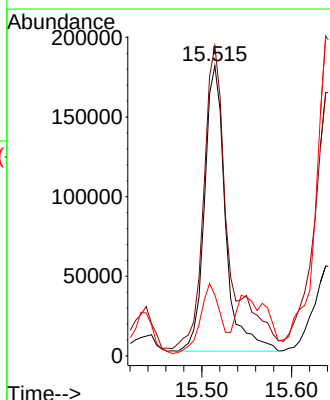
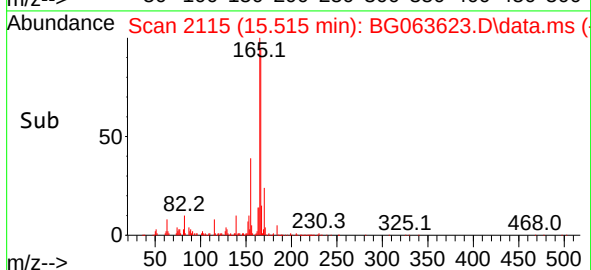
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

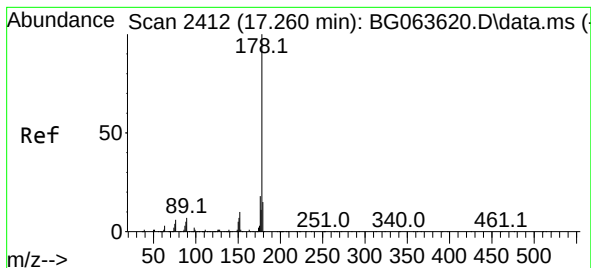


#61
Fluorene
Concen: 5.885 ng/u1
RT: 15.515 min Scan# 2115
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36



Tgt Ion:166 Resp: 291543
Ion Ratio Lower Upper
166 100
165 106.9 80.6 121.0
167 21.0 10.6 15.8#





#72

Phenanthrene

Concen: 28.811 ng/ul

RT: 17.260 min Scan# 2412

Delta R.T. 0.004 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

Instrument :

BNA_G

ClientSampleId :

E28M2

Tgt Ion:178 Resp: 198275

Ion Ratio Lower Upper

178 100

179 17.7 13.2 19.8

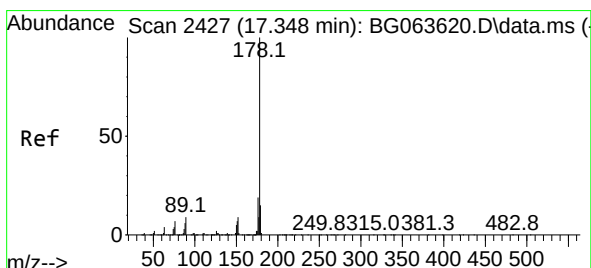
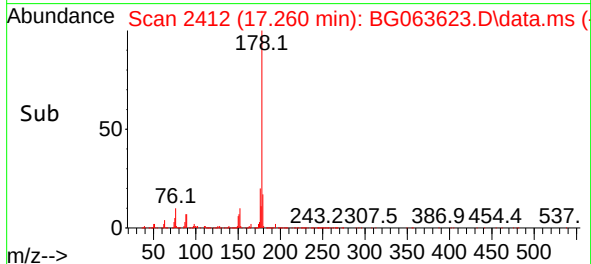
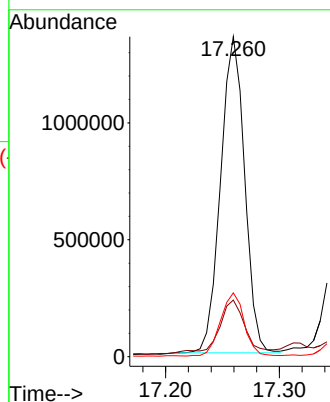
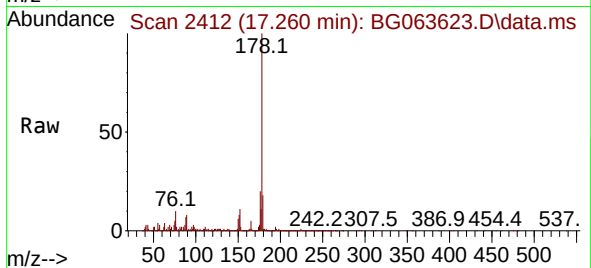
176 20.0 15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/11/2024



#74

Anthracene

Concen: 7.380 ng/ul

RT: 17.348 min Scan# 2427

Delta R.T. -0.002 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

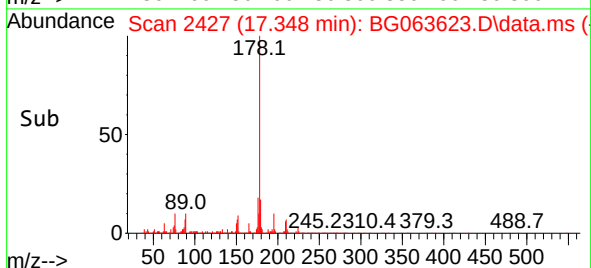
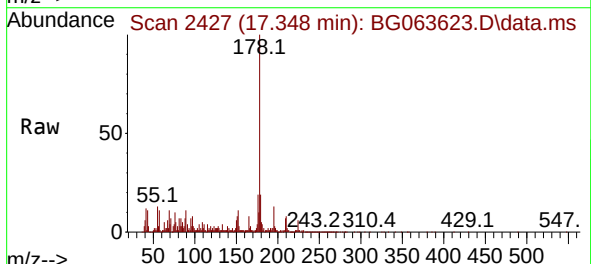
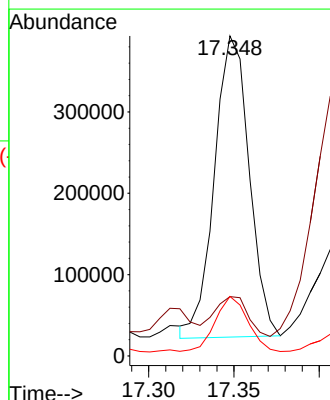
Tgt Ion:178 Resp: 524486

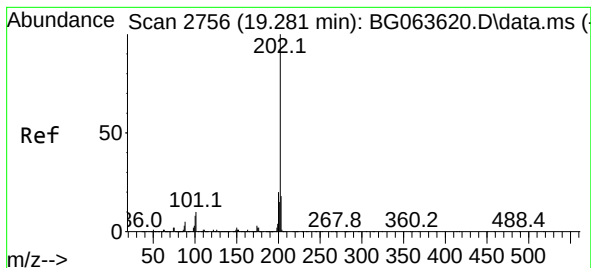
Ion Ratio Lower Upper

178 100

179 18.5 11.8 17.6#

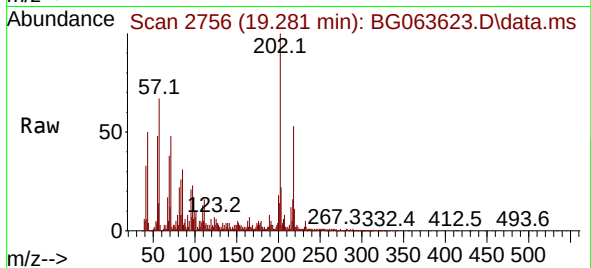
176 18.6 14.2 21.2





#80
Fluoranthene
Concen: 9.346 ng/u1
RT: 19.281 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36

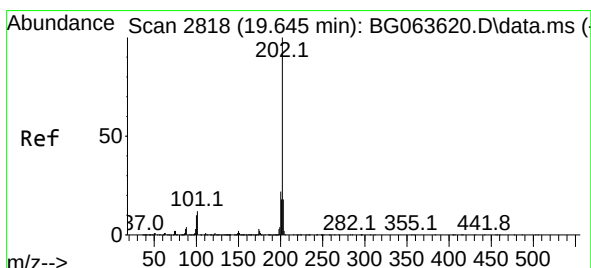
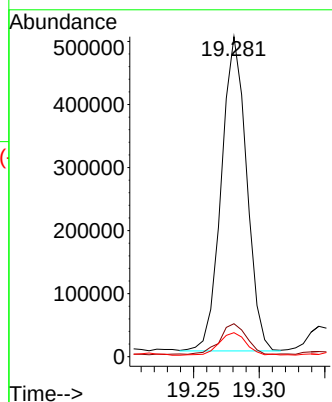
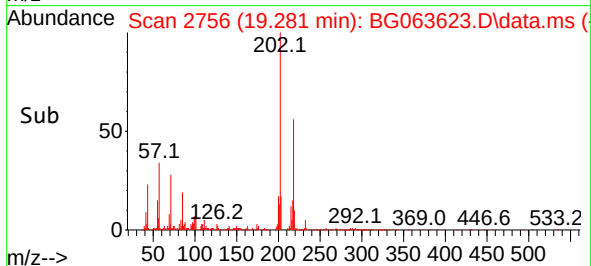
Instrument :
BNA_G
ClientSampleId :
E28M2



Tgt Ion:202 Resp: 670250
Ion Ratio Lower Upper
202 100
101 10.3 5.9 8.9#
100 7.5 4.7 7.1#

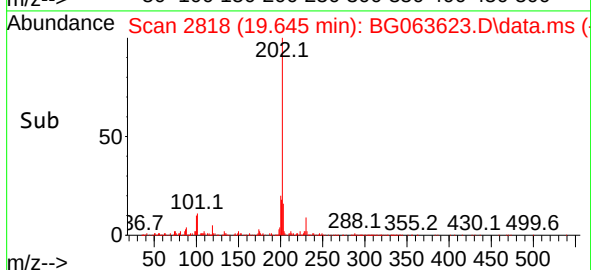
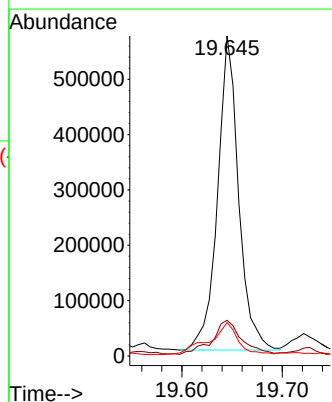
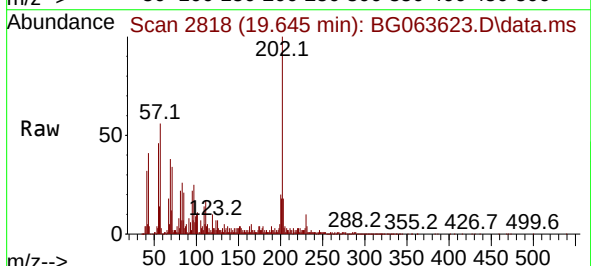
Manual Integrations
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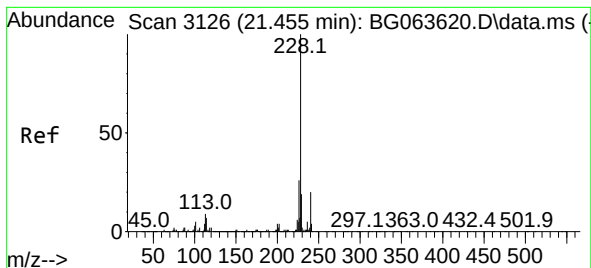
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#82
Pyrene
Concen: 10.842 ng/u1
RT: 19.645 min Scan# 2818
Delta R.T. 0.004 min
Lab File: BG063623.D
Acq: 10 Dec 2024 5:36

Tgt Ion:202 Resp: 826562
Ion Ratio Lower Upper
202 100
101 11.2 6.5 9.7#
100 10.4 5.9 8.9#





#85

Benzo(a)anthracene

Concen: 1.340 ng/u1

RT: 21.461 min Scan# 3126

Delta R.T. 0.010 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

Instrument :

BNA_G

ClientSampleId :

E28M2

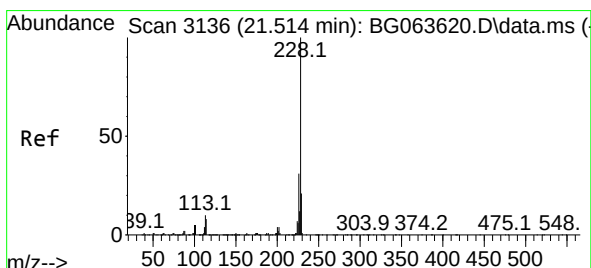
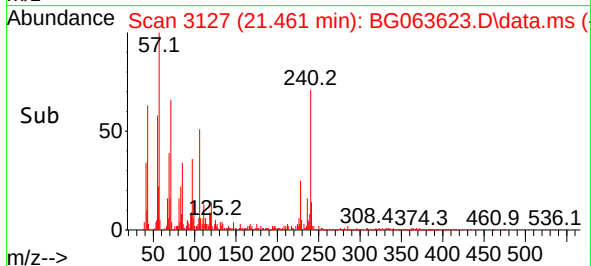
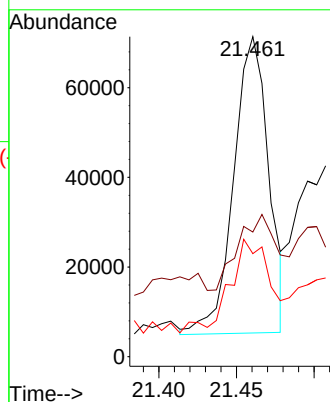
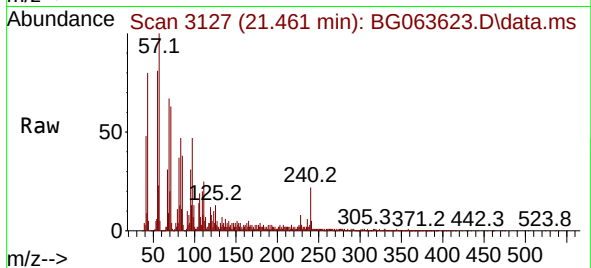
Tgt Ion:228	Resp: 104030
Ion Ratio	Lower Upper
228	100
229	38.9 16.0 24.0
226	32.2 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/11/2024



#87

Chrysene

Concen: 2.034 ng/u1

RT: 21.525 min Scan# 3138

Delta R.T. 0.010 min

Lab File: BG063623.D

Acq: 10 Dec 2024 5:36

Tgt Ion:228	Resp: 148362
Ion Ratio	Lower Upper
228	100
226	36.9 24.6 37.0
229	45.3 16.2 24.2

