

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063686.D
 Acq On : 16 Dec 2024 13:05
 Operator : RC/JU
 Sample : P5232-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28T1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 02:27:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	192941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.597	136	782493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.452	164	578686	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.201	188	1246693	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	1163970	20.000	ng/u1	0.00
88) Perylene-d12	24.481	264	1274893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.271	96	14712	2.988	ng/uL	0.00
4) Pyridine-d5	3.682	84	217993	14.035	ng/u1	0.00
7) Phenol-d5	7.002	99	338185	19.032	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	220138	17.937	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	218709	19.011	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	199279	14.445	ng/u1	0.00
21) Nitrobenzene-d5	8.970	128	119025	21.304	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	143308	22.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	252132	20.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	206885	13.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	878839	22.319	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	930426	20.728	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	87988	15.771	ng/u1	0.01
60) Fluorene-d10	15.445	176	686710	19.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	25631	3.960	ng/u1	0.00
73) Anthracene-d10	17.301	188	1002377	18.701	ng/u1	0.00
81) Pyrene-d10	19.599	212	1013364	16.730	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.270	264	685791	11.455	ng/u1	0.00
Target Compounds				Qvalue		
8) Phenol	7.025	94	28887m	1.525	ng/u1	
30) Naphthalene	10.650	128	57946	1.481	ng/u1#	95
36) 2-Methylnaphthalene	12.266	142	88754	3.157	ng/u1	97
37) 1-Methylnaphthalene	12.483	142	31502	1.100	ng/u1	83
72) Phenanthrene	17.242	178	297027	4.944	ng/u1	98
74) Anthracene	17.336	178	62734m	1.032	ng/u1	
80) Fluoranthene	19.264	202	1101267	15.997	ng/u1	98
82) Pyrene	19.628	202	1277324	17.439	ng/u1#	94
85) Benzo(a)anthracene	21.438	228	1211257	16.605	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.349	149	77792	2.378	ng/u1#	98
87) Chrysene	21.496	228	1412991m	20.323	ng/u1	
90) Benzo(b)fluoranthene	23.523	252	2504696	34.567	ng/u1#	99
91) Benzo(k)fluoranthene	23.576	252	950719m	13.154	ng/u1	
93) Benzo(a)pyrene	24.340	252	2003167	29.453	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.895	276	1522565	18.331	ng/u1	94
95) Dibenzo(a,h)anthracene	27.924	278	381103m	5.734	ng/u1	
96) Benzo(g,h,i)perylene	28.964	276	1617346	24.539	ng/u1#	92

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

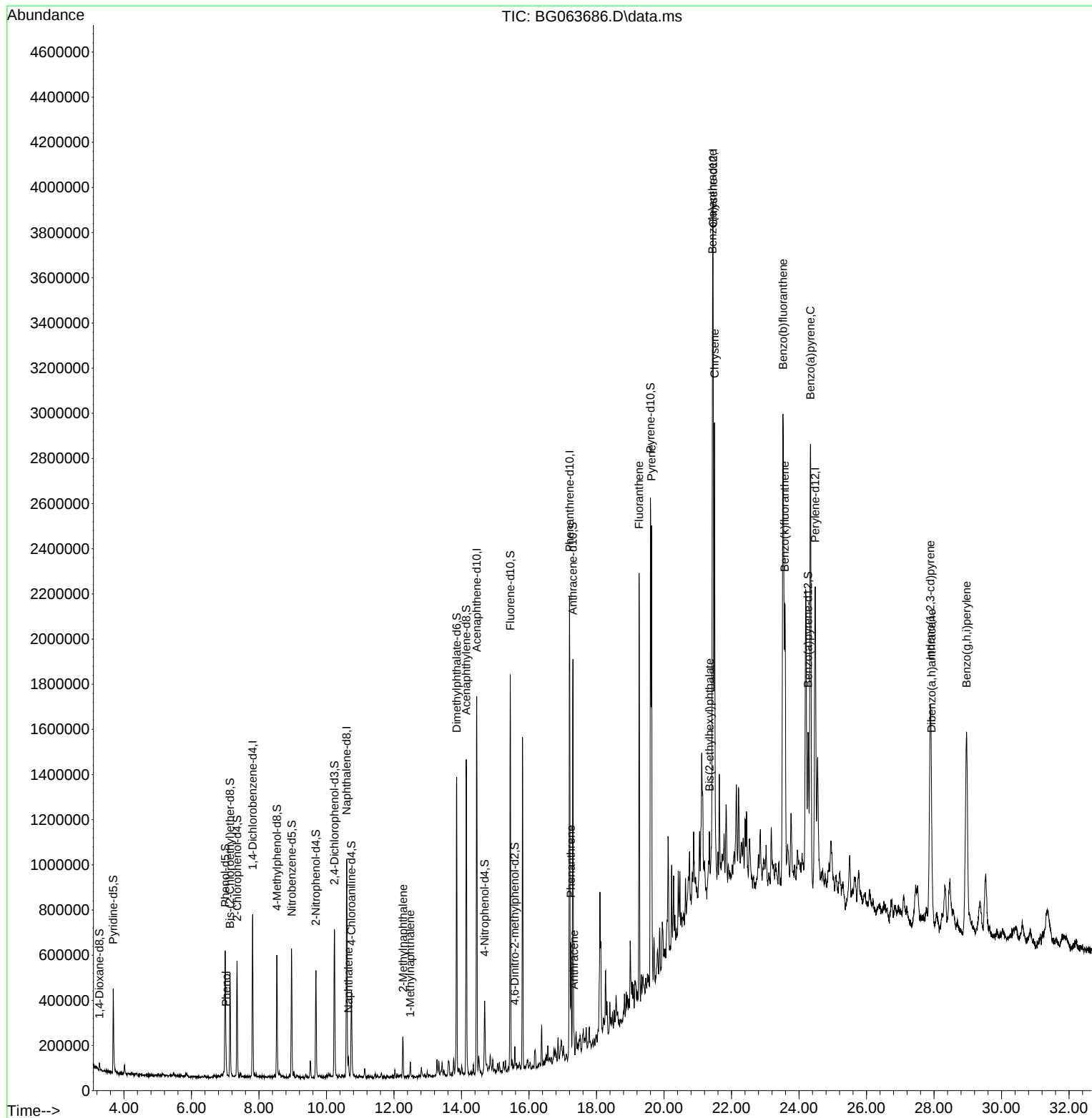
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

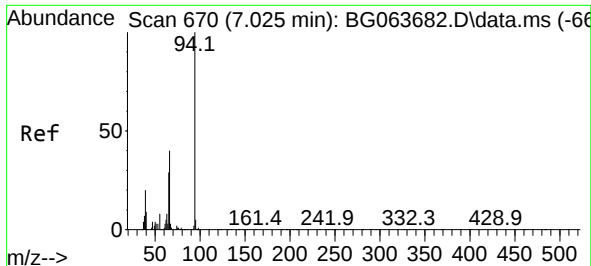
Instrument :
BNA_G
ClientSampleId :
E28T1

Quant Time: Dec 17 02:27:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

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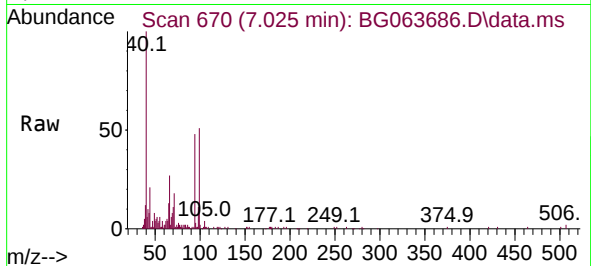
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024





#8
Phenol
Concen: 1.525 ng/ul m
RT: 7.025 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

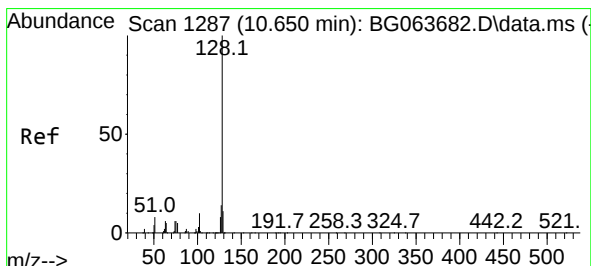
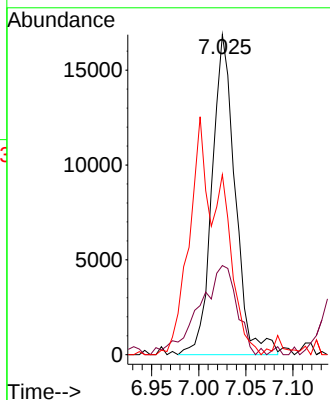
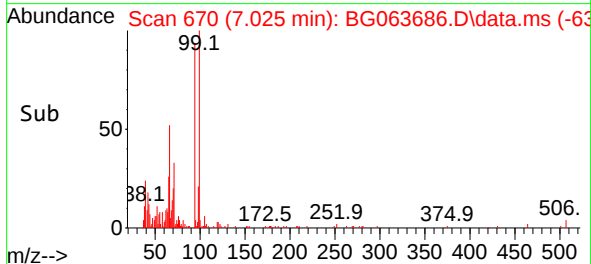
Instrument :
BNA_G
ClientSampleId :
E28T1



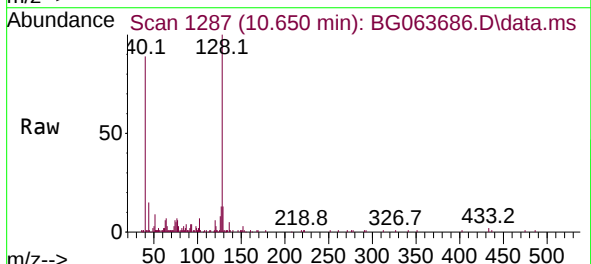
Tgt Ion: 94 Resp: 2888
Ion Ratio Lower Upper
94 100
65 27.9 25.6 38.4
66 56.3 34.2 51.2

Manual Integrations
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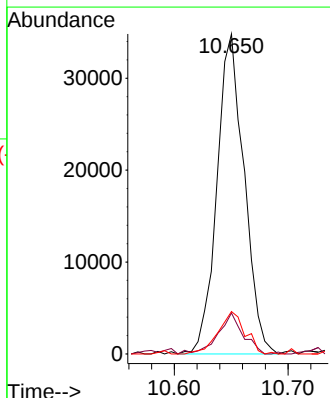
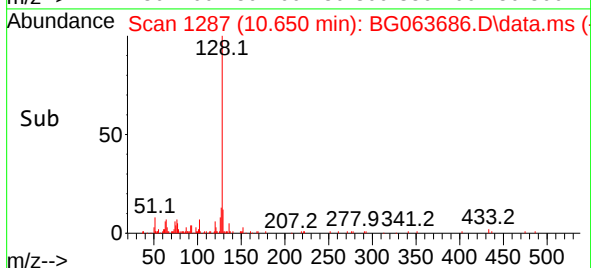
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

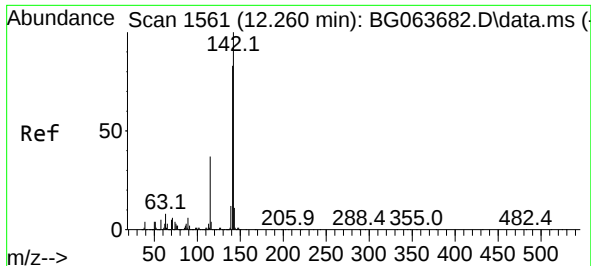


#30
Naphthalene
Concen: 1.481 ng/ul
RT: 10.650 min Scan# 1287
Delta R.T. 0.001 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05



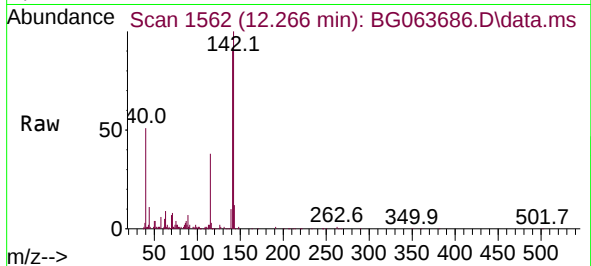
Tgt Ion:128 Resp: 57946
Ion Ratio Lower Upper
128 100
129 12.8 8.2 12.2#
127 13.3 9.8 14.8





#36
2-Methylnaphthalene
Concen: 3.157 ng/ul
RT: 12.266 min Scan# 1561
Delta R.T. 0.001 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

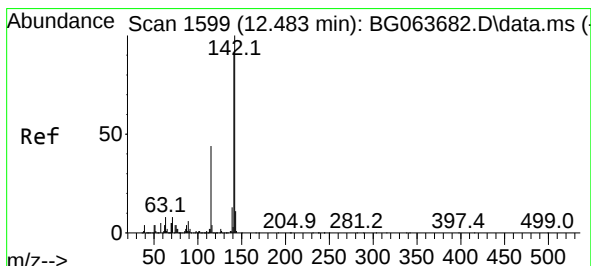
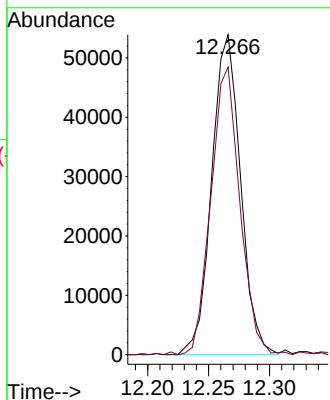
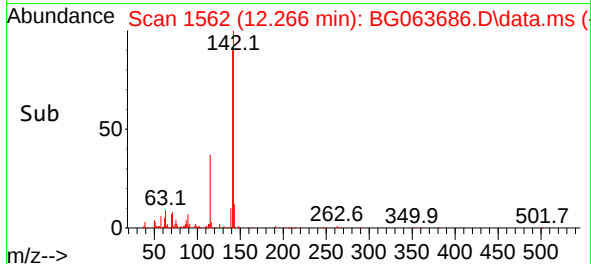
Instrument :
BNA_G
ClientSampleId :
E28T1



Tgt Ion:142 Resp: 88754
Ion Ratio Lower Upper
142 100
141 89.9 69.5 104.3

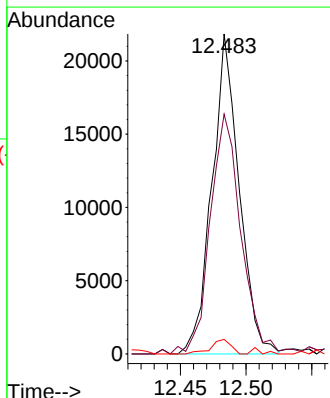
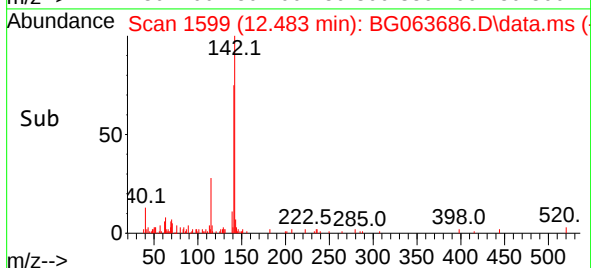
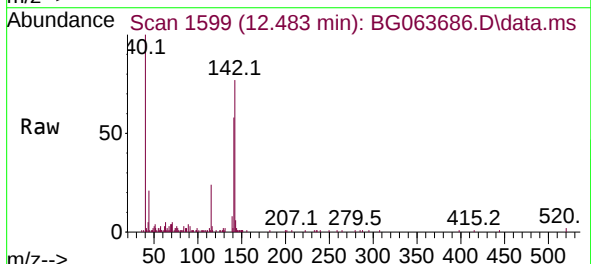
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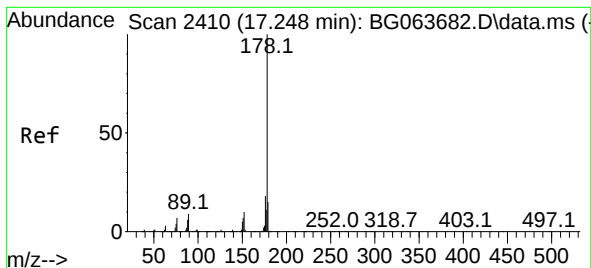
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#37
1-Methylnaphthalene
Concen: 1.100 ng/ul
RT: 12.483 min Scan# 1599
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

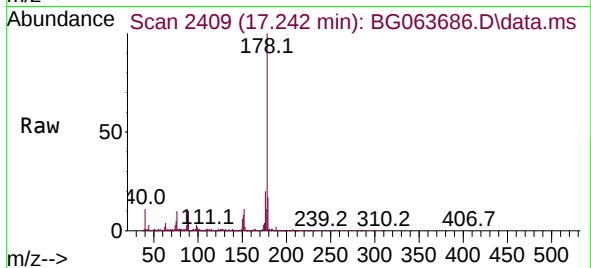
Tgt Ion:142 Resp: 31502
Ion Ratio Lower Upper
142 100
141 75.0 73.8 110.6
116 4.5 3.5 5.3





#72
Phenanthrene
Concen: 4.944 ng/ul
RT: 17.242 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

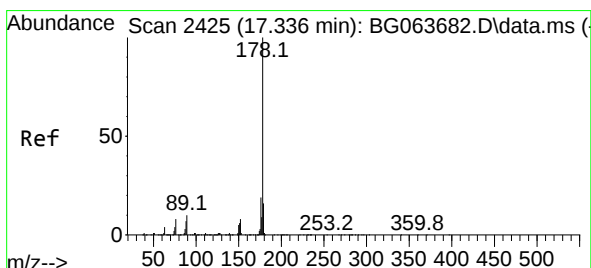
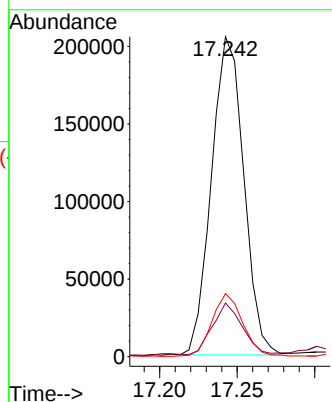
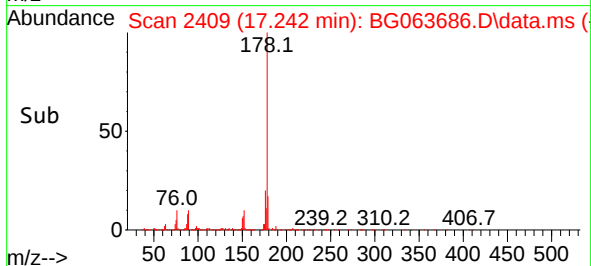
Instrument :
BNA_G
ClientSampleId :
E28T1



Tgt Ion:178 Resp: 29702
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.2
176 19.7 15.8 23.6

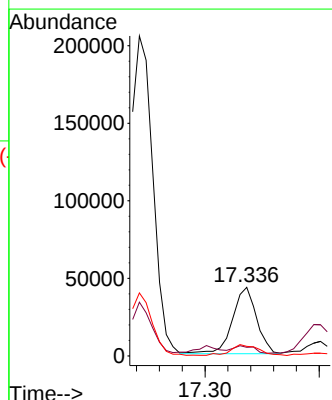
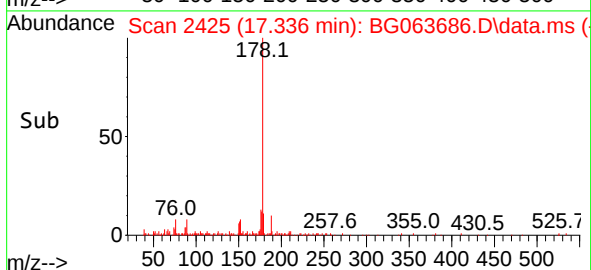
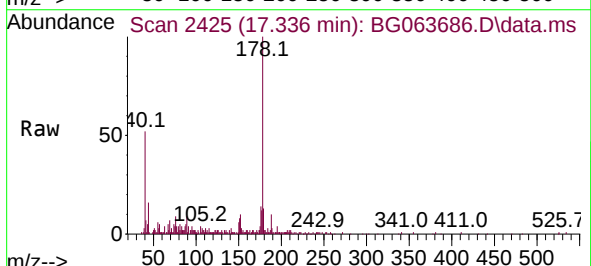
Manual Integrations
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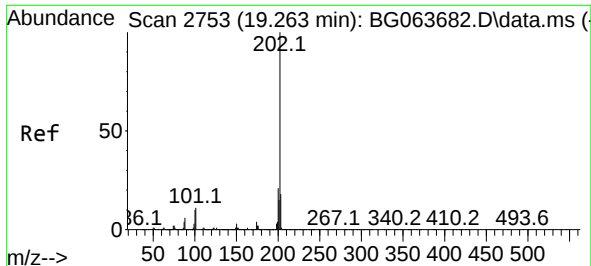
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#74
Anthracene
Concen: 1.032 ng/ul m
RT: 17.336 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

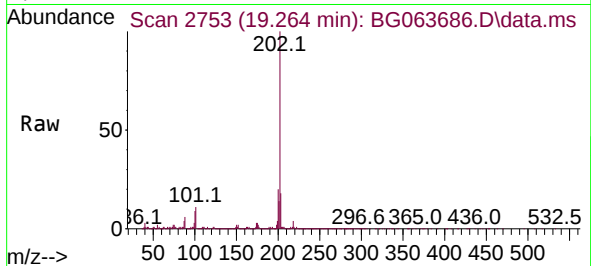
Tgt Ion:178 Resp: 62734
Ion Ratio Lower Upper
178 100
179 12.5 12.4 18.6
176 13.9 14.4 21.6#





#80
Fluoranthene
Concen: 15.997 ng/u1
RT: 19.264 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

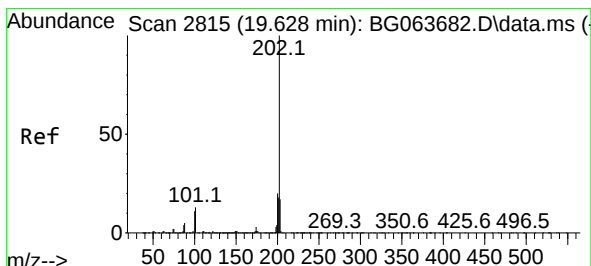
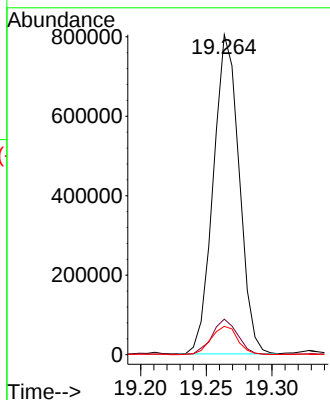
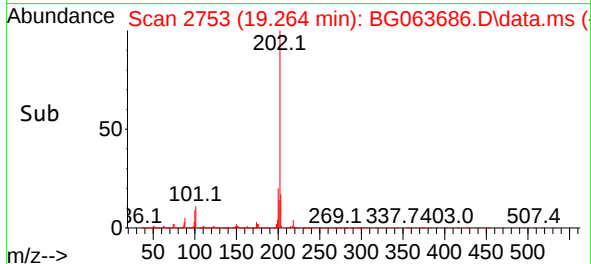
Instrument :
BNA_G
ClientSampleId :
E28T1



Tgt Ion:202 Resp: 110126
Ion Ratio Lower Upper
202 100
101 11.1 8.1 12.1
100 8.9 6.5 9.7

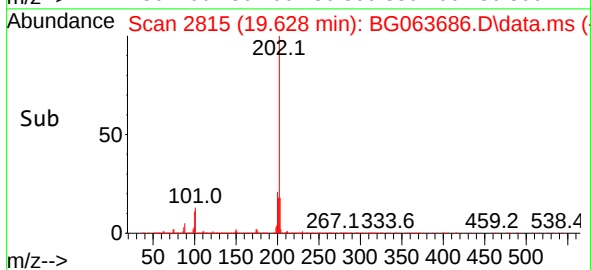
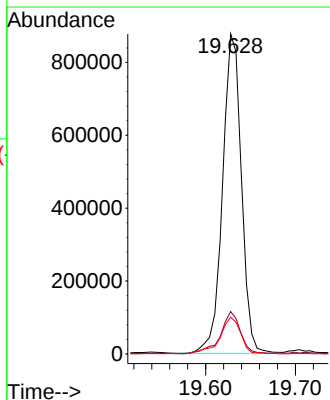
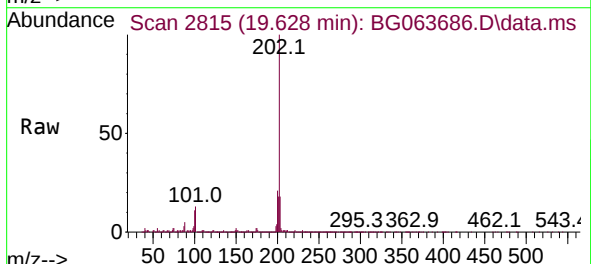
Manual Integrations
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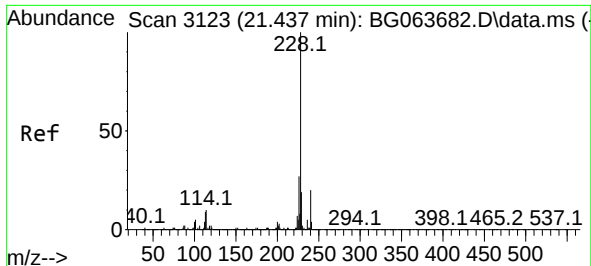
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#82
Pyrene
Concen: 17.439 ng/u1
RT: 19.628 min Scan# 2815
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

Tgt Ion:202 Resp: 1277324
Ion Ratio Lower Upper
202 100
101 13.3 8.7 13.1#
100 11.5 7.8 11.6





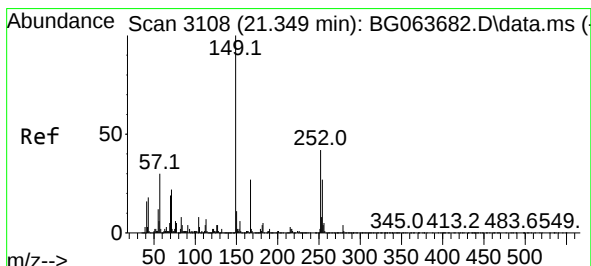
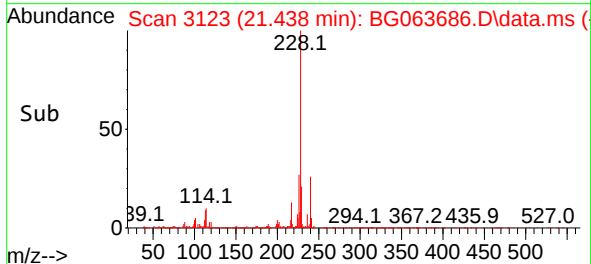
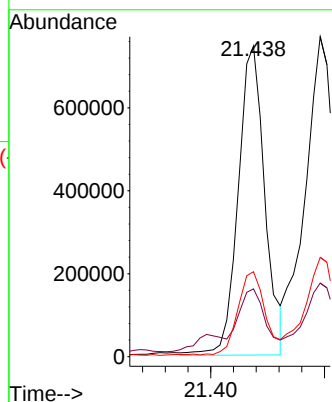
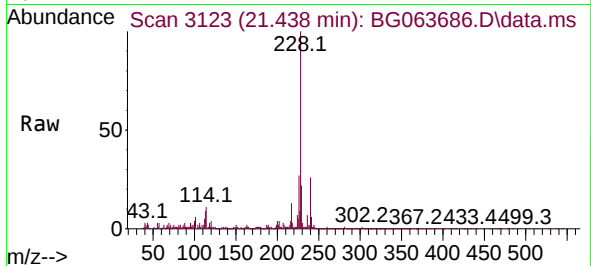
#85
Benzo(a)anthracene
Concen: 16.605 ng/ul
RT: 21.438 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_G
ClientSampleId :
E28T1

Tgt Ion:228 Resp: 121125
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 27.3 22.0 33.0

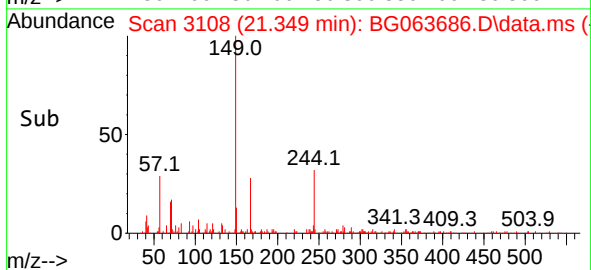
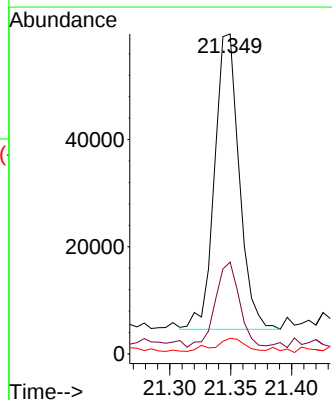
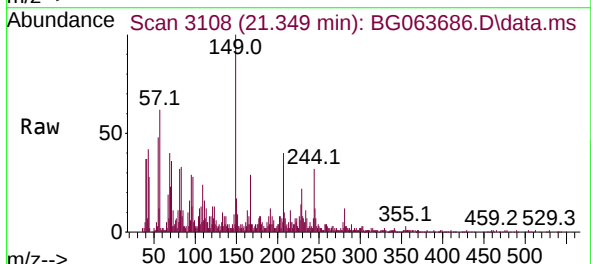
Manual Integrations
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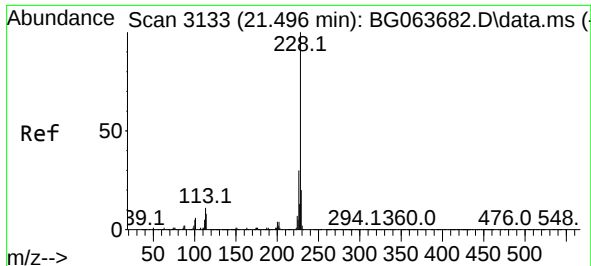
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.378 ng/ul
RT: 21.349 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

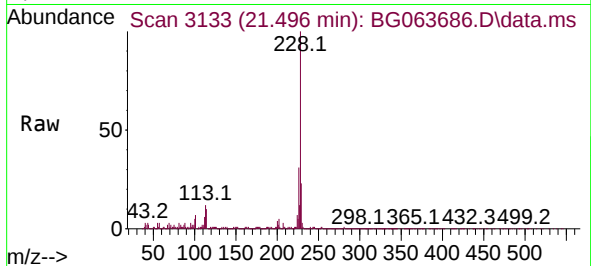
Tgt Ion:149 Resp: 77792
Ion Ratio Lower Upper
149 100
167 28.7 22.1 33.1
279 4.9 2.9 4.3#





#87
Chrysene
Concen: 20.323 ng/ul m
RT: 21.496 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

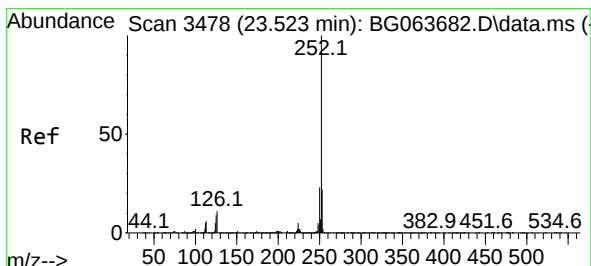
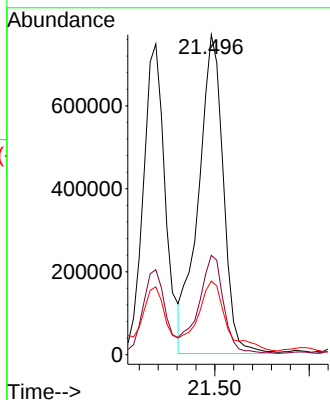
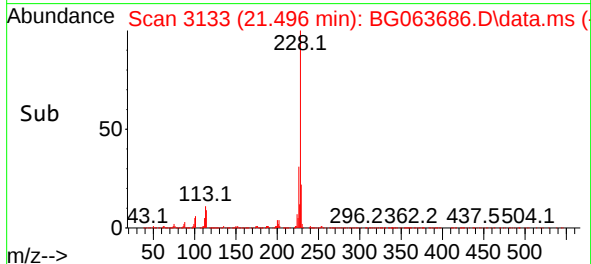
Instrument :
BNA_G
ClientSampleId :
E28T1



Tgt Ion:228 Resp: 141299
Ion Ratio Lower Upper
228 100
226 31.1 23.4 35.0
229 23.0 14.8 22.2

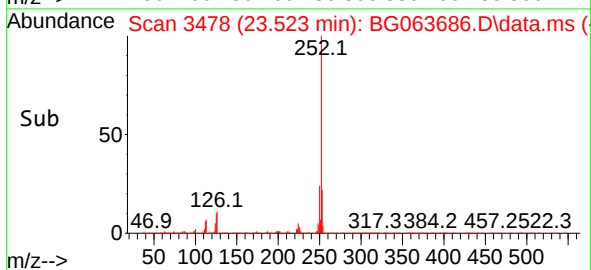
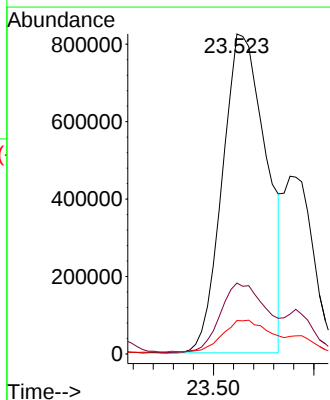
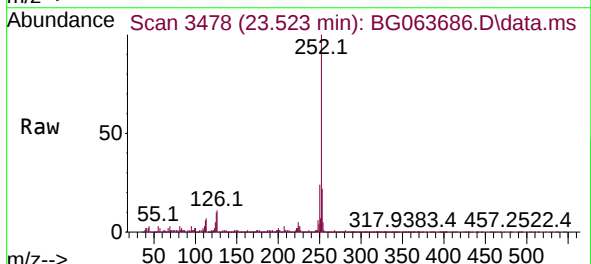
Manual Integrations
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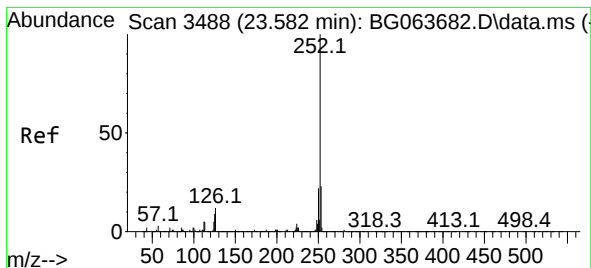
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#90
Benzo(b)fluoranthene
Concen: 34.567 ng/ul
RT: 23.523 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BG063686.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 2504696
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.5 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 13.154 ng/ul m

RT: 23.576 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG063686.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_G

ClientSampleId :

E28T1

Tgt Ion:252 Resp: 950719

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

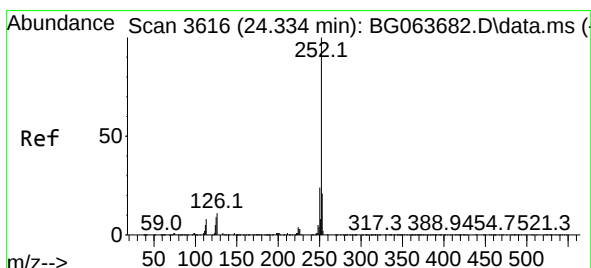
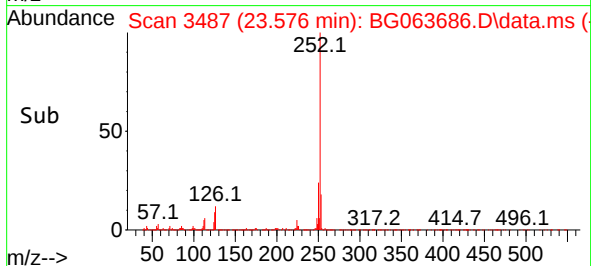
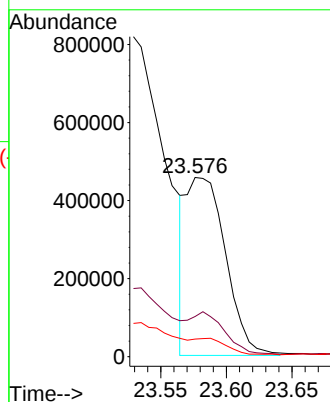
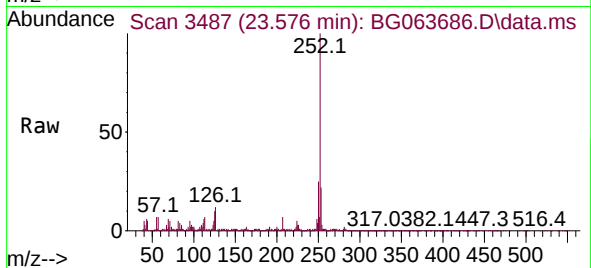
125 9.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#93

Benzo(a)pyrene

Concen: 29.453 ng/ul

RT: 24.340 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BG063686.D

Acq: 16 Dec 2024 13:05

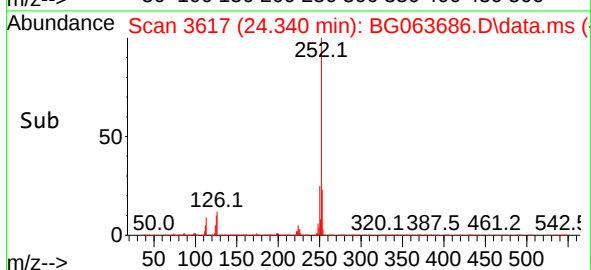
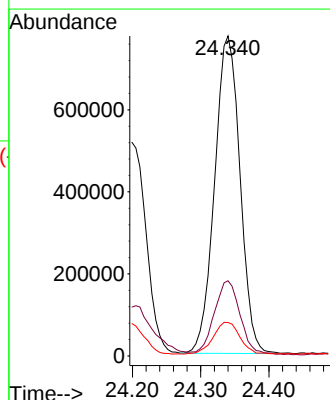
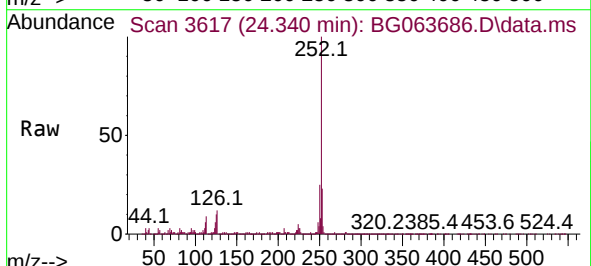
Tgt Ion:252 Resp: 2003167

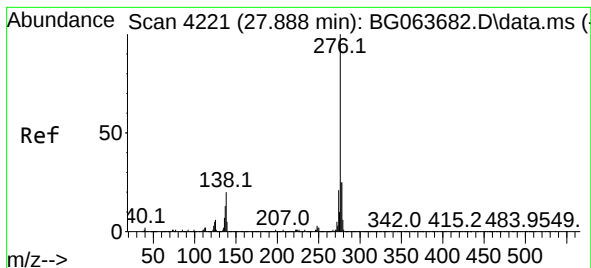
Ion Ratio Lower Upper

252 100

253 23.5 16.6 24.8

125 10.4 8.0 12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.331 ng/ul

RT: 27.895 min Scan# 4221

Delta R.T. 0.006 min

Lab File: BG063686.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_G

ClientSampleId :

E28T1

Tgt Ion:276 Resp: 152256

Ion Ratio Lower Upper

276 100

138 18.5 13.7 20.5

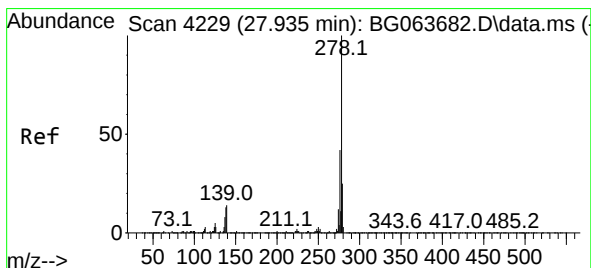
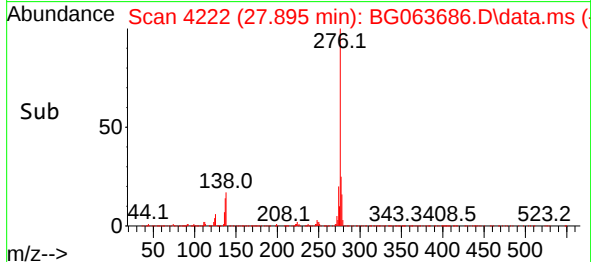
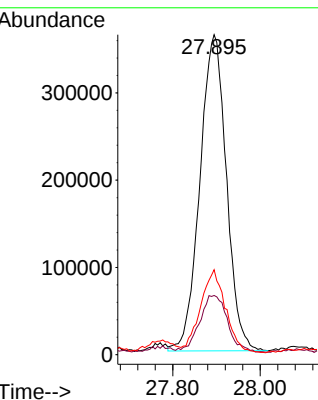
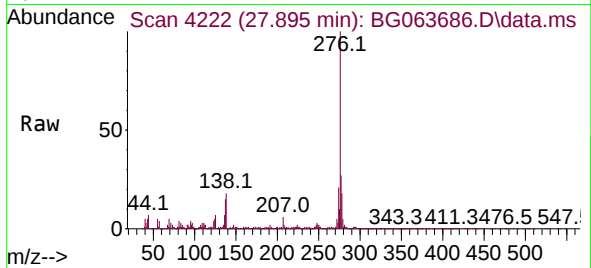
277 26.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 5.734 ng/ul m

RT: 27.924 min Scan# 4227

Delta R.T. -0.011 min

Lab File: BG063686.D

Acq: 16 Dec 2024 13:05

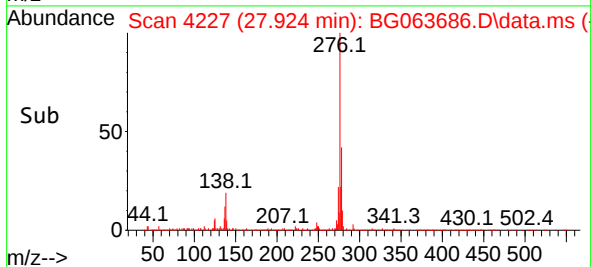
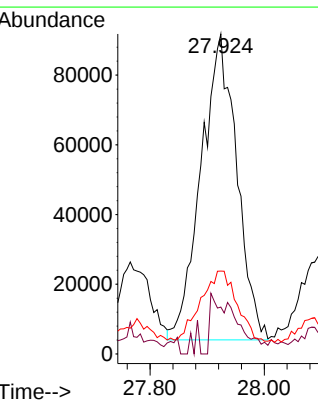
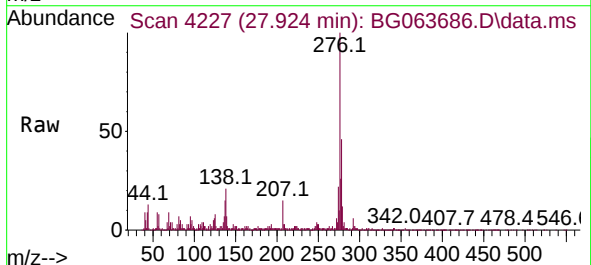
Tgt Ion:278 Resp: 381103

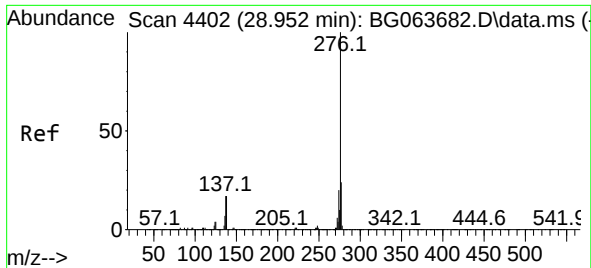
Ion Ratio Lower Upper

278 100

139 14.6 9.7 14.5#

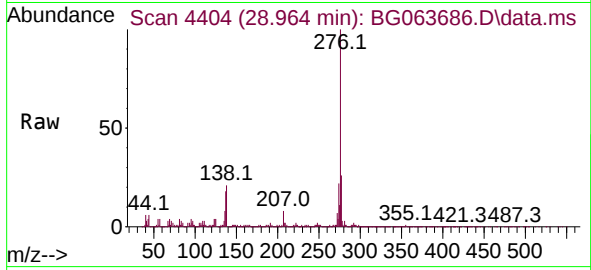
279 25.9 17.3 25.9





#96
 Benzo(g,h,i)perylene
 Concen: 24.539 ng/ul
 RT: 28.964 min Scan# 4404
 Delta R.T. 0.024 min
 Lab File: BG063686.D
 Acq: 16 Dec 2024 13:05

Instrument :
 BNA_G
 ClientSampleId :
 E28T1



Tgt Ion:276 Resp: 1617340
 Ion Ratio Lower Upper
 276 100
 138 20.8 13.8 20.8
 277 26.0 17.8 26.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

