

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063630.D
 Acq On : 10 Dec 2024 11:22
 Operator : RC/JU
 Sample : P5066-02DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28M1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 00:55:53 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	7.820	152	176212	20.000	ng/ul	0.00
20) Naphthalene-d8	10.611	136	757938	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.465	164	583779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	1183291	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	955695	20.000	ng/ul	# 0.00
88) Perylene-d12	24.536	264	1069870	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2643	0.662	ng/uL	0.00
4) Pyridine-d5	3.696	84	32427	2.196	ng/ul	0.00
7) Phenol-d5	7.004	99	23246	1.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.150	67	61608	5.252	ng/ul	0.00
11) 2-Chlorophenol-d4	7.362	132	7617	0.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.537	113	26758	2.080	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	21553	4.051	ng/ul	0.01
24) 2-Nitrophenol-d4	9.706	143	4720	0.775	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.241	165	8150m	0.622	ng/ul	0.00
31) 4-Chloroaniline-d4	10.723	131	115517	7.292	ng/ul	-0.02
46) Dimethylphthalate-d6	13.866	166	160408	3.781	ng/ul	0.00
49) Acenaphthylene-d8	14.154	160	180587	3.894	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.464	176	143618	3.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.321	188	217543	4.026	ng/ul	0.00
81) Pyrene-d10	19.618	212	234621	4.429	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	227466	4.233	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.664	128	330109	8.461	ng/ul#	93
36) 2-Methylnaphthalene	12.280	142	784196	26.070	ng/ul	95
37) 1-Methylnaphthalene	12.497	142	528136	17.317	ng/ul#	97
43) 1,1'-Biphenyl	13.290	154	66419	1.714	ng/ul	94
52) Acenaphthene	14.530	153	112124	3.166	ng/ul	92
61) Fluorene	15.517	166	382228	8.575	ng/ul#	97
72) Phenanthrene	17.262	178	2631798	45.153	ng/ul	96
74) Anthracene	17.350	178	790993	13.142	ng/ul#	94
80) Fluoranthene	19.283	202	782432	13.142	ng/ul#	93
82) Pyrene	19.648	202	932463	14.734	ng/ul#	90
85) Benzo(a)anthracene	21.457	228	139061	2.158	ng/ul#	82
87) Chrysene	21.522	228	93117	1.538	ng/ul#	75

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

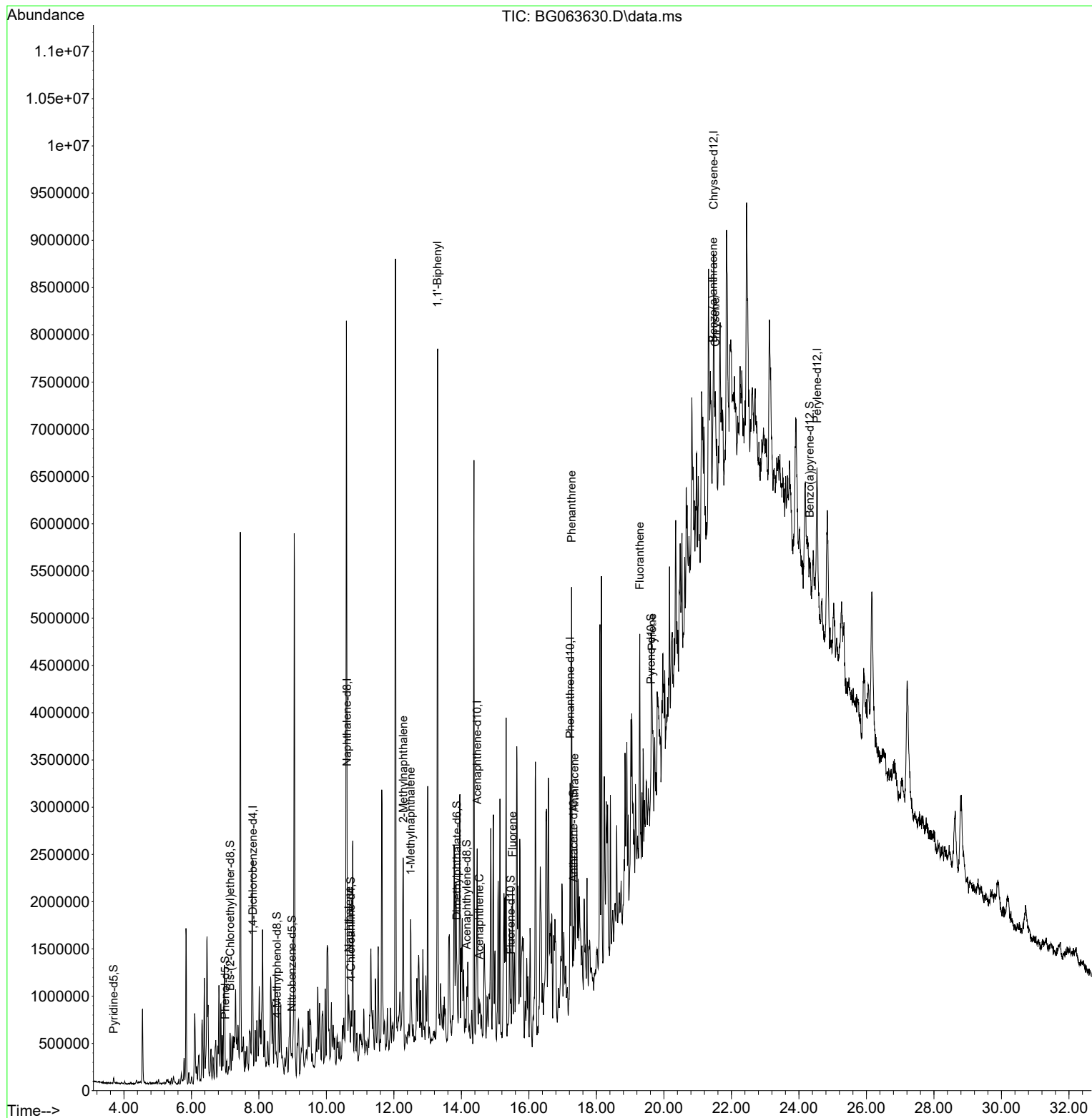
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
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ALS Vial : 29 Sample Multiplier: 1

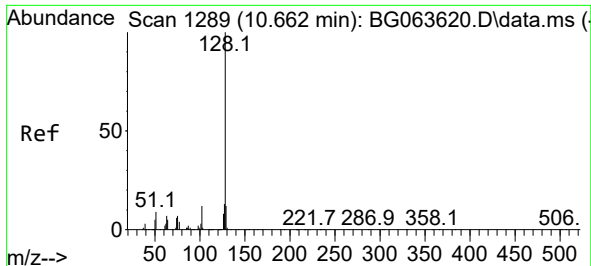
Instrument :
BNA_G
ClientSampleId :
E28M1DL

Quant Time: Dec 11 00:55:53 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

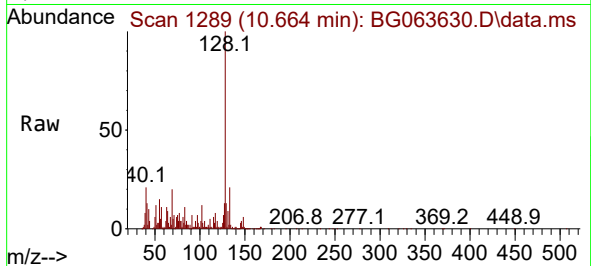
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#30
Naphthalene
Concen: 8.461 ng/ul
RT: 10.664 min Scan# 1289
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

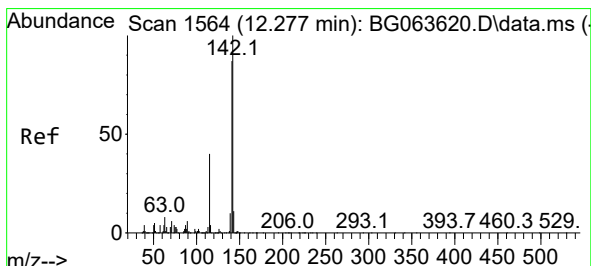
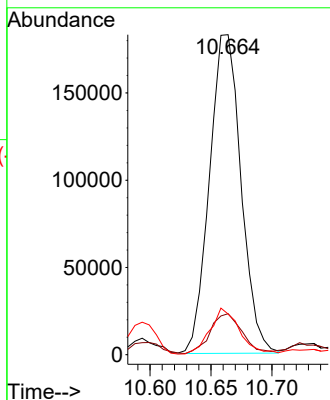
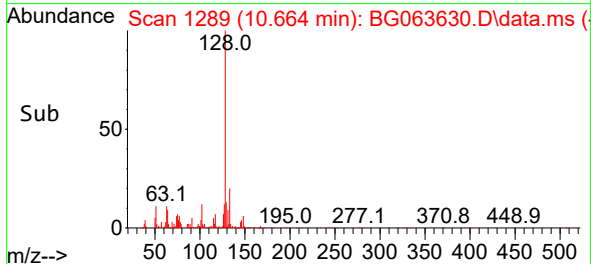
Instrument :
BNA_G
ClientSampleId :
E28M1DL



Tgt Ion:128 Resp: 330109
Ion Ratio Lower Upper
128 100
129 12.8 8.4 12.6
127 12.7 12.5 18.7

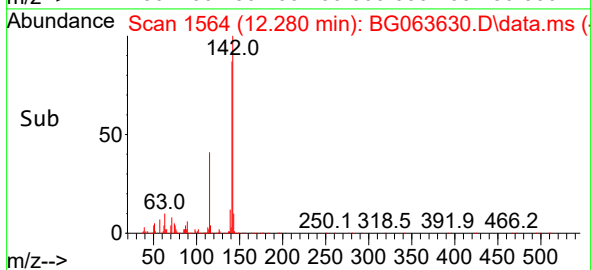
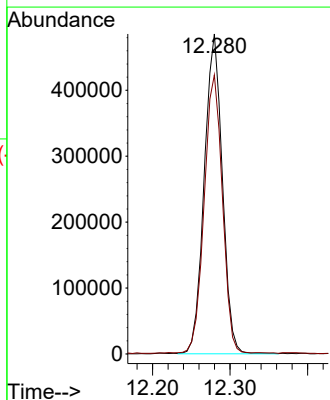
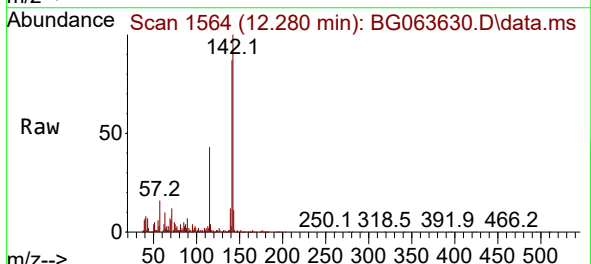
Manual Integrations
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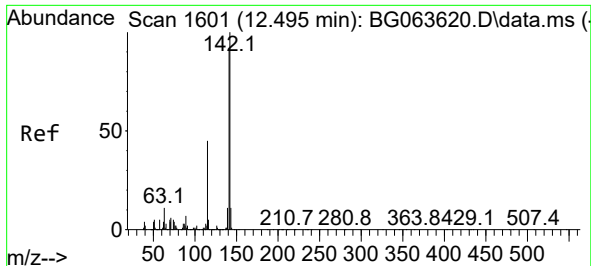
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#36
2-Methylnaphthalene
Concen: 26.070 ng/ul
RT: 12.280 min Scan# 1564
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

Tgt Ion:142 Resp: 784196
Ion Ratio Lower Upper
142 100
141 87.2 73.4 110.0





#37

1-Methylnaphthalene

Concen: 17.317 ng/ul

RT: 12.497 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG063630.D

Acq: 10 Dec 2024 11:22

Instrument :

BNA_G

ClientSampleId :

E28M1DL

Tgt Ion:142 Resp: 528130

Ion Ratio Lower Upper

142 100

141 90.1 74.6 111.8

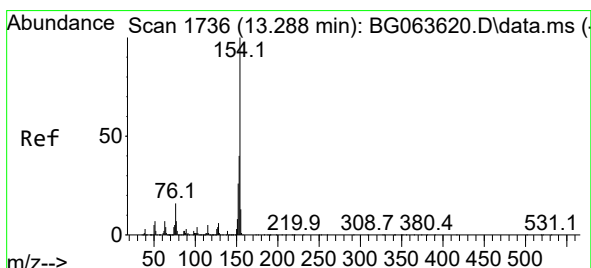
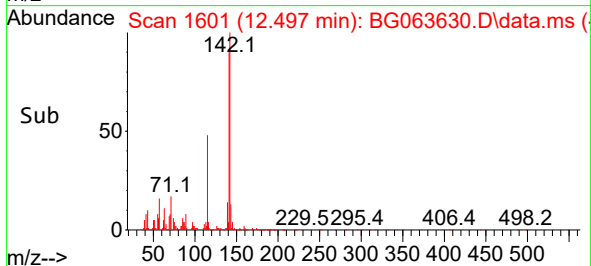
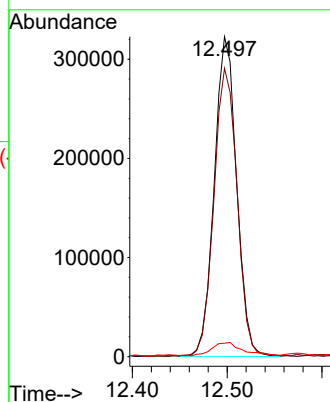
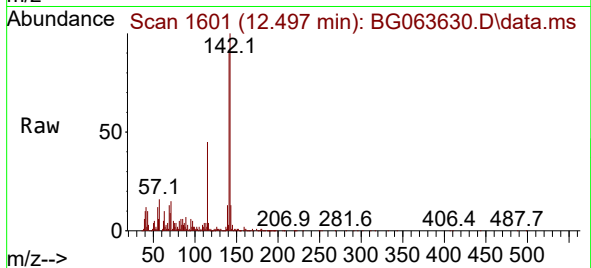
116 4.2 5.2 7.8

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 1.714 ng/ul

RT: 13.290 min Scan# 1736

Delta R.T. 0.001 min

Lab File: BG063630.D

Acq: 10 Dec 2024 11:22

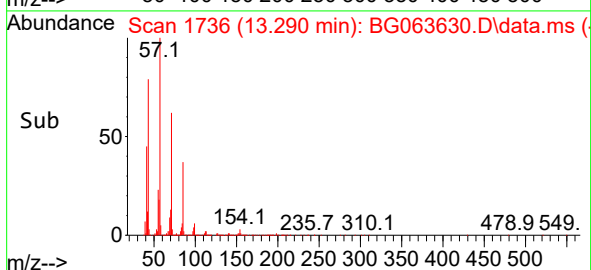
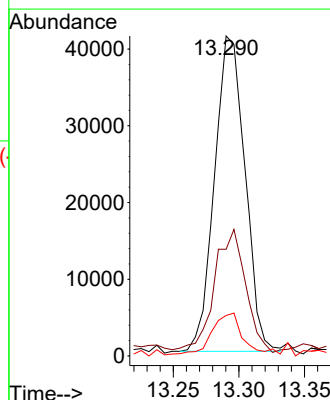
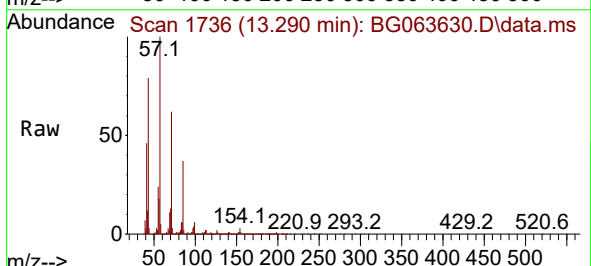
Tgt Ion:154 Resp: 66419

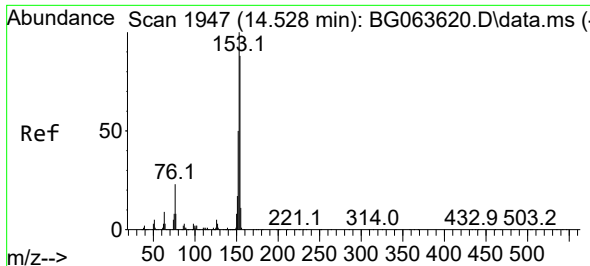
Ion Ratio Lower Upper

154 100

153 33.3 30.6 45.8

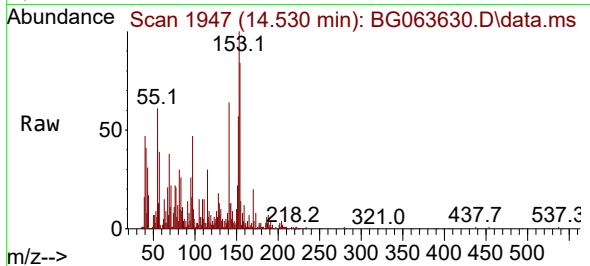
76 12.7 9.9 14.9





#52
Acenaphthene
Concen: 3.166 ng/ul
RT: 14.530 min Scan# 1947
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

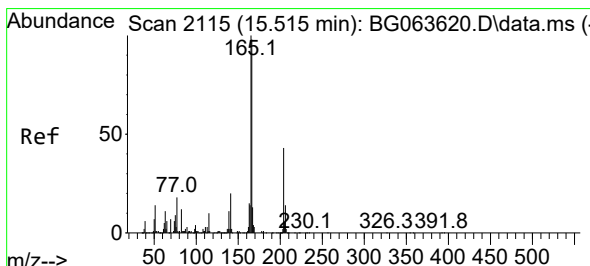
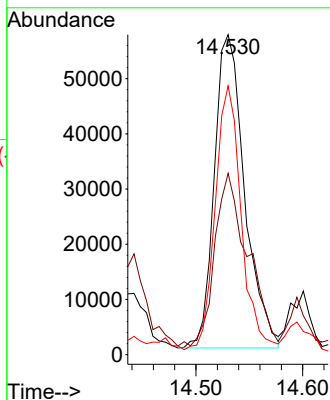
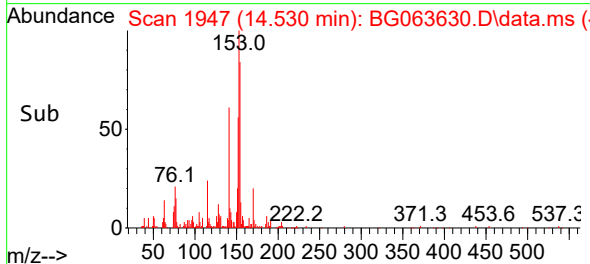
Instrument :
BNA_G
ClientSampleId :
E28M1DL



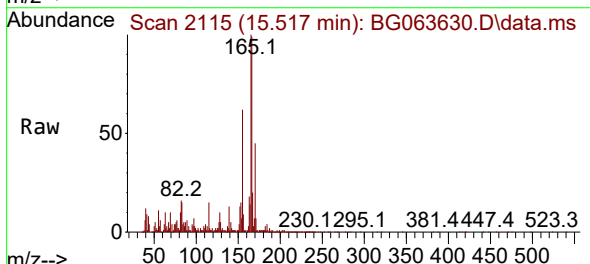
Tgt Ion:153 Resp: 112124
Ion Ratio Lower Upper
153 100
152 56.7 37.8 56.8
154 84.0 64.5 96.7

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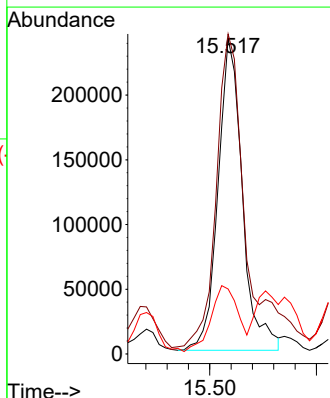
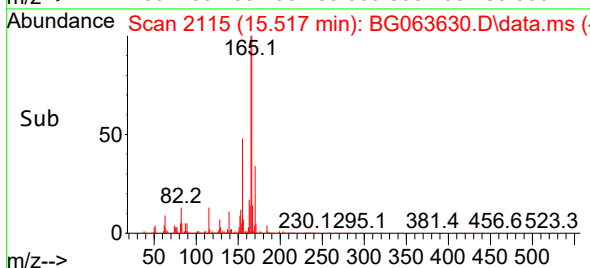
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

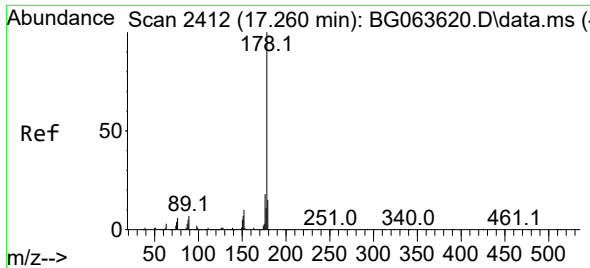


#61
Fluorene
Concen: 8.575 ng/ul
RT: 15.517 min Scan# 2115
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22



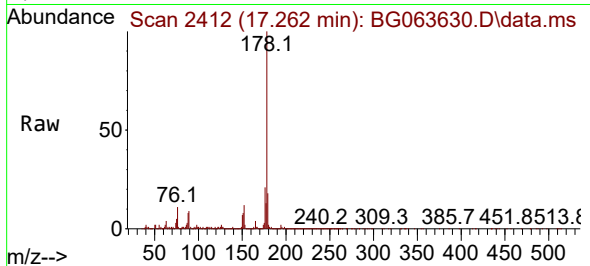
Tgt Ion:166 Resp: 382228
Ion Ratio Lower Upper
166 100
165 101.4 80.6 121.0
167 20.6 10.6 15.8#





#72
Phenanthrene
Concen: 45.153 ng/ul
RT: 17.262 min Scan# 2412
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

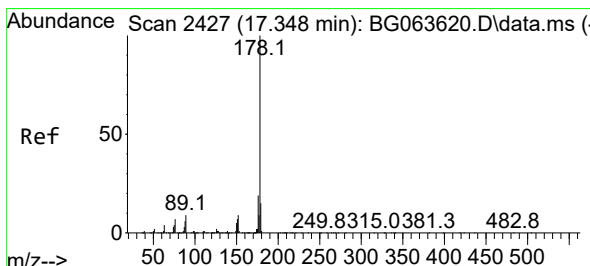
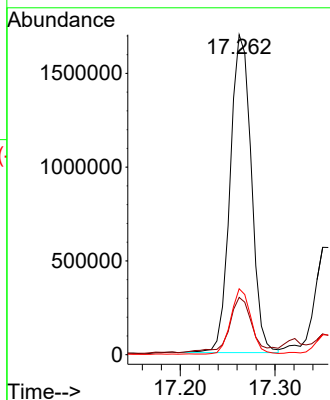
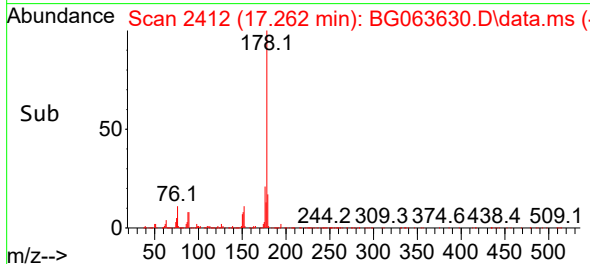
Instrument :
BNA_G
ClientSampleId :
E28M1DL



Tgt Ion:178 Resp: 2631798
Ion Ratio Lower Upper
178 100
179 17.9 13.2 19.8
176 20.6 15.0 22.6

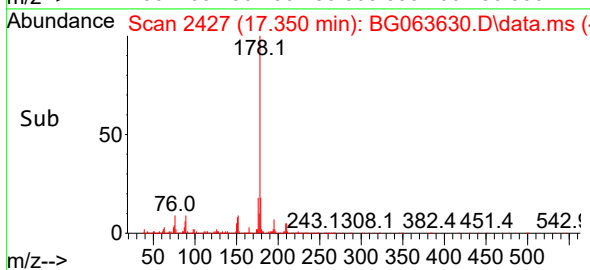
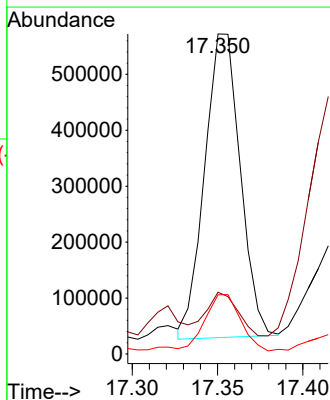
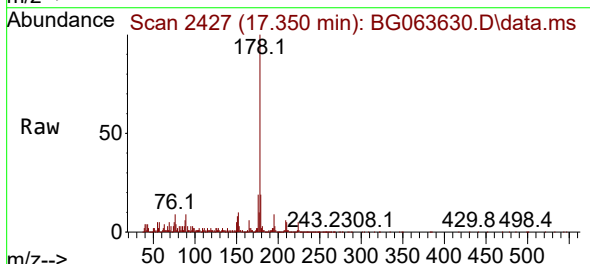
Manual Integrations
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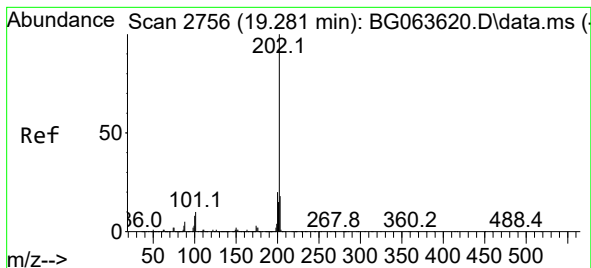
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#74
Anthracene
Concen: 13.142 ng/ul
RT: 17.350 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

Tgt Ion:178 Resp: 790993
Ion Ratio Lower Upper
178 100
179 19.3 11.8 17.6#
176 18.5 14.2 21.2





#80

Fluoranthene

Concen: 13.142 ng/ul

RT: 19.283 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG063630.D

Acq: 10 Dec 2024 11:22

Instrument :

BNA_G

ClientSampleId :

E28M1DL

Tgt Ion:202 Resp: 78243

Ion Ratio Lower Upper

202 100

101 11.1 5.9 8.9

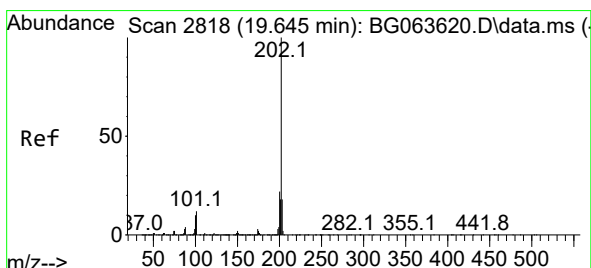
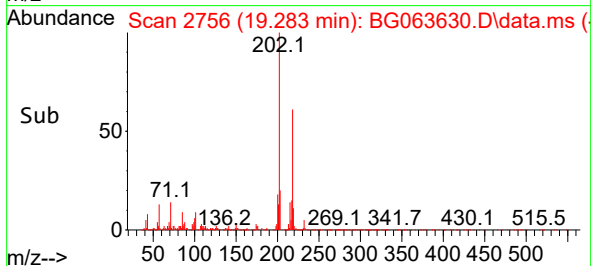
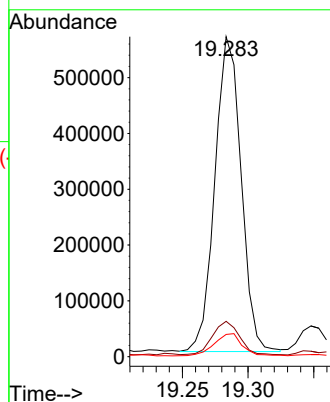
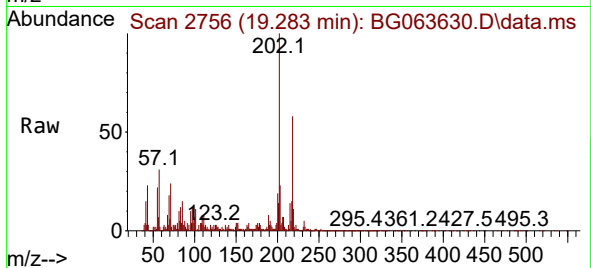
100 7.0 4.7 7.1

Manual Integrations

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Supervised By :mohammad ahmed 12/11/2024



#82

Pyrene

Concen: 14.734 ng/ul

RT: 19.648 min Scan# 2818

Delta R.T. 0.007 min

Lab File: BG063630.D

Acq: 10 Dec 2024 11:22

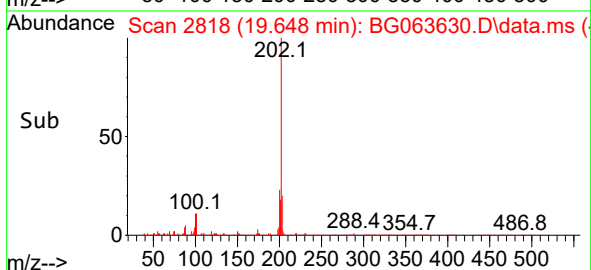
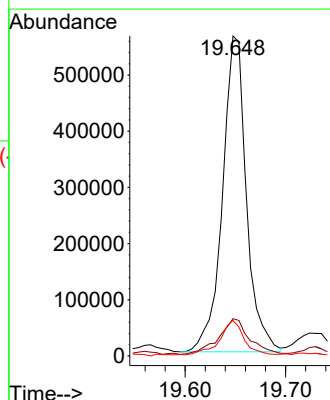
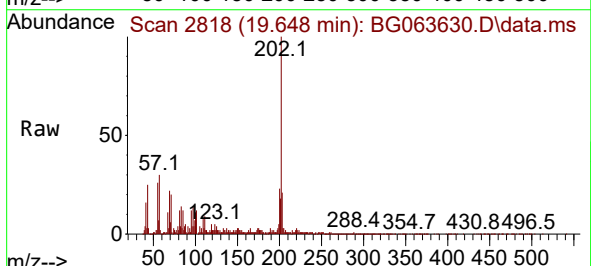
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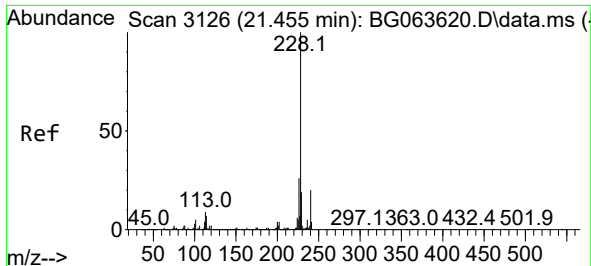
Ion Ratio Lower Upper

202 100

101 11.7 6.5 9.7#

100 11.1 5.9 8.9#





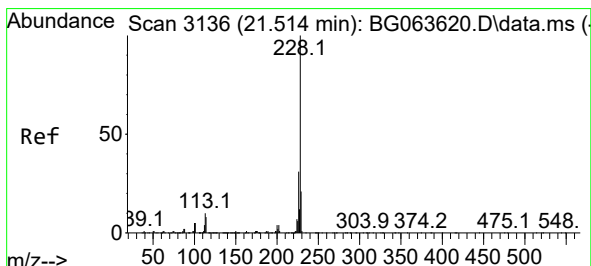
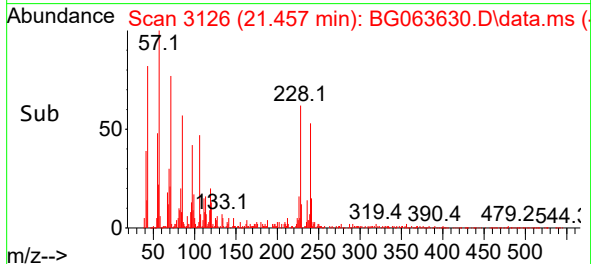
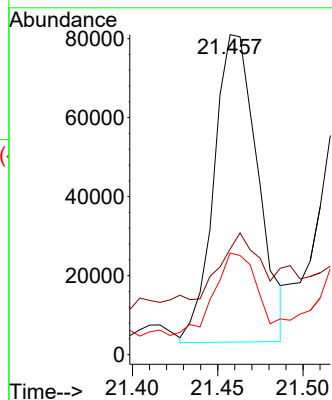
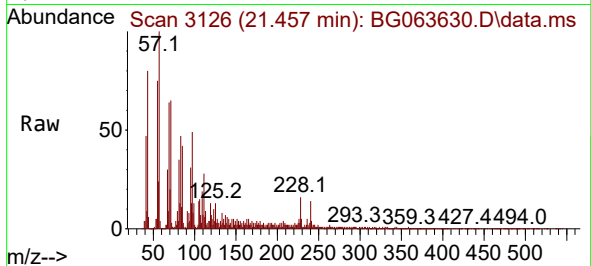
#85
Benzo(a)anthracene
Concen: 2.158 ng/u1
RT: 21.457 min Scan# 3126
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

Instrument :
BNA_G
ClientSampleId :
E28M1DL

Tgt Ion:228 Resp: 13906
Ion Ratio Lower Upper
228 100
229 33.0 16.0 24.0
226 31.7 21.0 31.6

Manual Integrations
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Supervised By :mohammad ahmed 12/11/2024



#87
Chrysene
Concen: 1.538 ng/u1
RT: 21.522 min Scan# 3137
Delta R.T. 0.007 min
Lab File: BG063630.D
Acq: 10 Dec 2024 11:22

Tgt Ion:228 Resp: 93117
Ion Ratio Lower Upper
228 100
226 33.2 24.6 37.0
229 46.2 16.2 24.2

