

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063250.D
 Acq On : 9 Nov 2024 5:24
 Operator : RC/JU
 Sample : P4582-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 05:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	109962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.625	136	526615	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	461389	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.223	188	1091293	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	1072664	20.000	ng/u1	# 0.00
88) Perylene-d12	24.515	264	1179745	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	12081	4.968	ng/uL	0.00
4) Pyridine-d5	3.704	84	201042	25.012	ng/u1	0.00
7) Phenol-d5	7.006	99	292516	29.480	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	160067	27.503	ng/u1	0.00
11) 2-Chlorophenol-d4	7.370	132	196407	30.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	255375	30.365	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	113685	30.707	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	144426	30.183	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	295631	31.482	ng/u1	0.00
31) 4-Chloroaniline-d4	10.760	131	300317	24.554	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	1014074	28.059	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	1130059	31.946	ng/u1	0.00
54) 4-Nitrophenol-d4	14.679	143	125385	25.339	ng/u1	0.00
60) Fluorene-d10	15.467	176	943560	30.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	174503	25.443	ng/u1	0.00
73) Anthracene-d10	17.323	188	1503338	32.053	ng/u1	0.00
81) Pyrene-d10	19.621	212	1877042	34.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	1891894	33.215	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.035	94	11236	1.039	ng/u1#	93
18) 4-Methylphenol	8.598	108	61220	6.816	ng/u1	90
72) Phenanthrene	17.265	178	167753	3.364	ng/u1	98
80) Fluoranthene	19.286	202	310896	5.348	ng/u1	99
82) Pyrene	19.650	202	261712	4.247	ng/u1#	96
85) Benzo(a)anthracene	21.454	228	147232	2.170	ng/u1	99
87) Chrysene	21.518	228	157863	2.496	ng/u1	99
90) Benzo(b)fluoranthene	23.551	252	180045	2.537	ng/u1#	95
91) Benzo(k)fluoranthene	23.604	252	81812m	1.157	ng/u1	
93) Benzo(a)pyrene	24.368	252	118090	1.799	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.923	276	85253m	1.059	ng/u1	
96) Benzo(g,h,i)perylene	28.992	276	82839m	1.357	ng/u1	

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

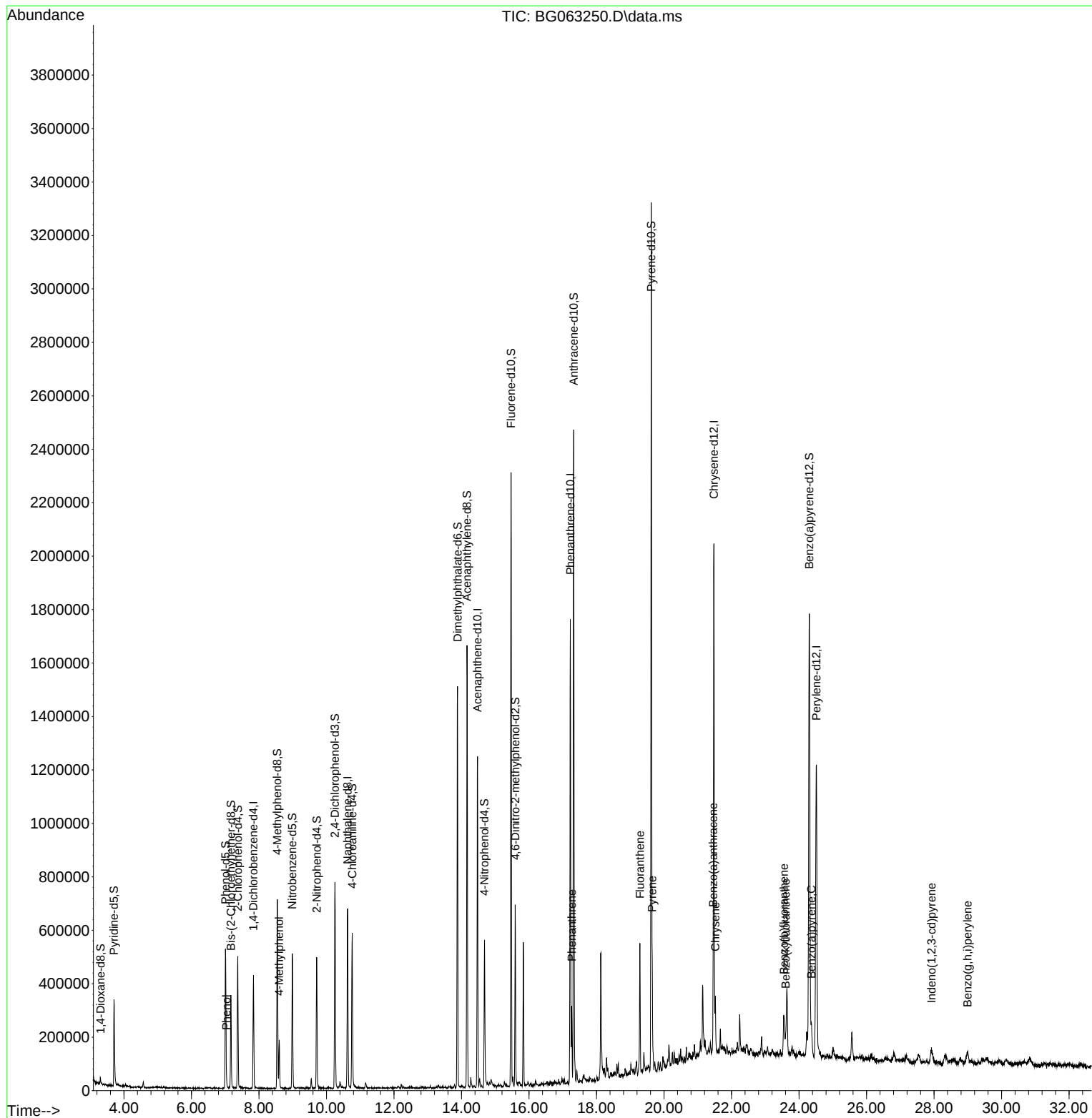
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063250.D
Acq On : 9 Nov 2024 5:24
Operator : RC/JU
Sample : P4582-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

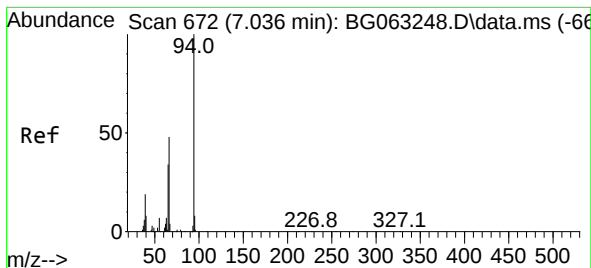
Instrument :
BNA_G
ClientSampleId :
A4EE7

Quant Time: Nov 09 05:13:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

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#8

Phenol

Concen: 1.039 ng/ul

RT: 7.035 min Scan# 61

Delta R.T. -0.001 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Instrument :

BNA_G

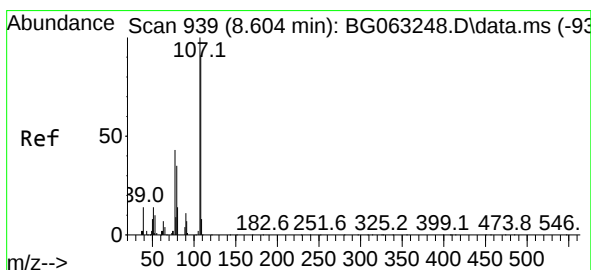
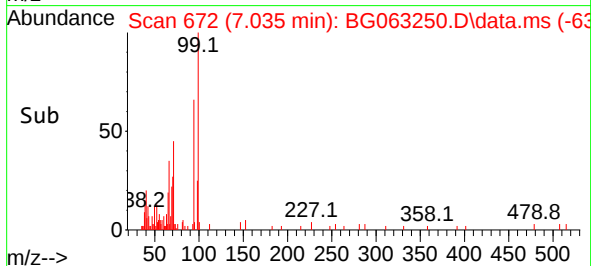
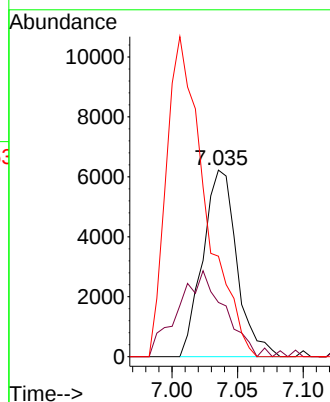
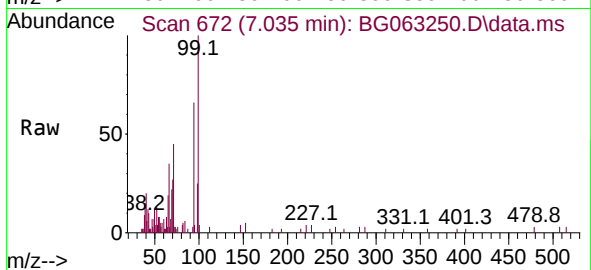
ClientSampleId :

A4EE7

Tgt Ion: 94 Resp: 11230
 Ion Ratio Lower Upper
 94 100
 65 29.1 30.1 45.1
 66 53.9 42.0 63.0

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#18

4-Methylphenol

Concen: 6.816 ng/ul

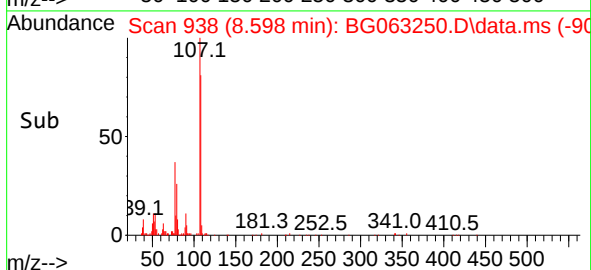
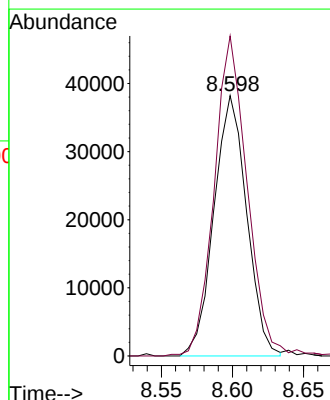
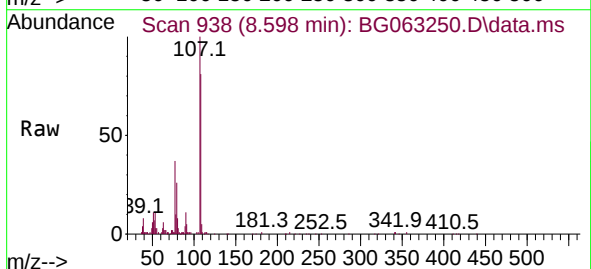
RT: 8.598 min Scan# 938

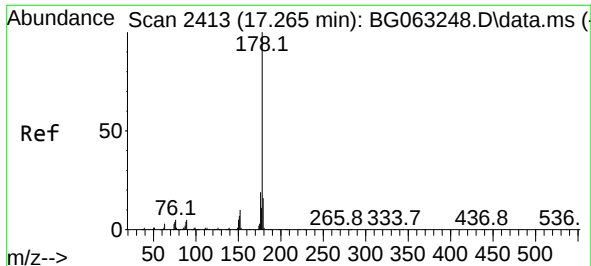
Delta R.T. -0.007 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

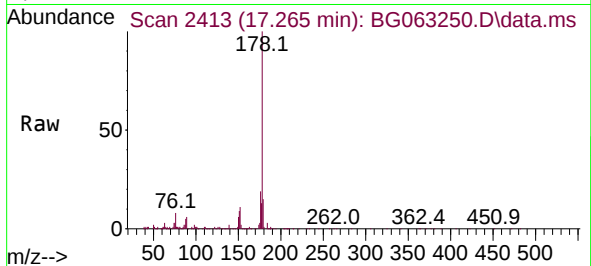
Tgt Ion:108 Resp: 61220
 Ion Ratio Lower Upper
 108 100
 107 122.9 90.0 135.0





#72
Phenanthrene
Concen: 3.364 ng/ul
RT: 17.265 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG063250.D
Acq: 9 Nov 2024 5:24

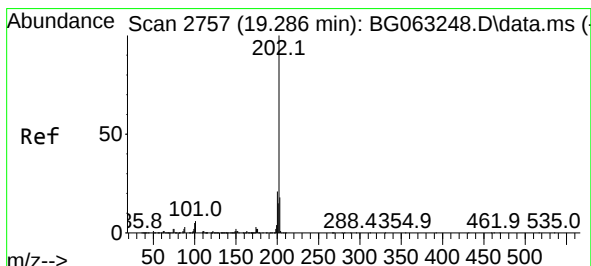
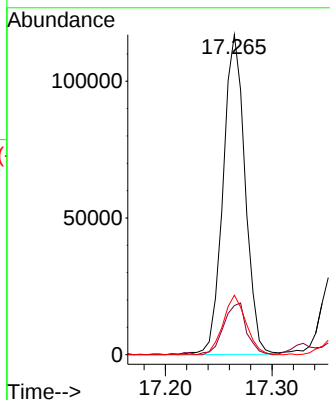
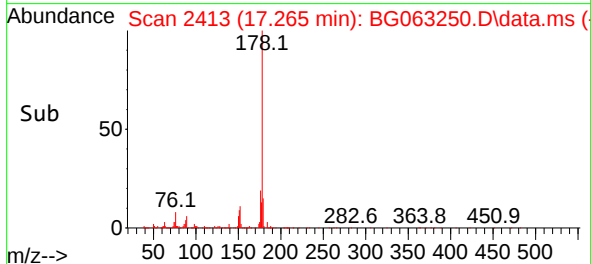
Instrument :
BNA_G
ClientSampleId :
A4EE7



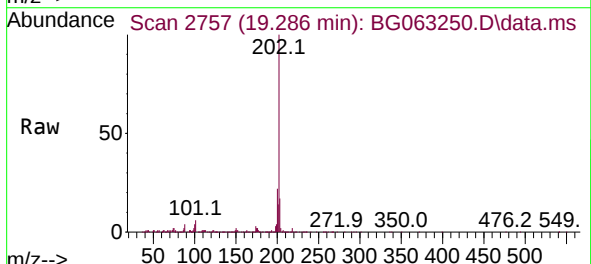
Tgt Ion:178 Resp: 16775
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.6 16.0 24.0

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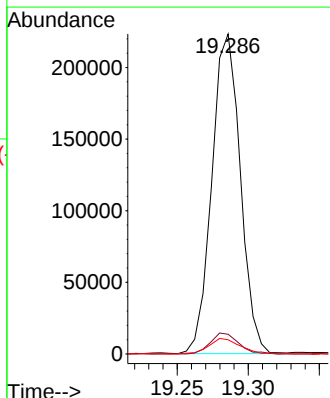
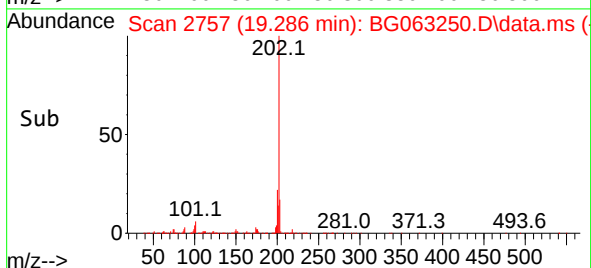
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

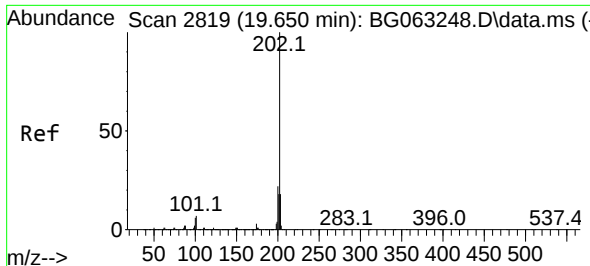


#80
Fluoranthene
Concen: 5.348 ng/ul
RT: 19.286 min Scan# 2757
Delta R.T. -0.001 min
Lab File: BG063250.D
Acq: 9 Nov 2024 5:24



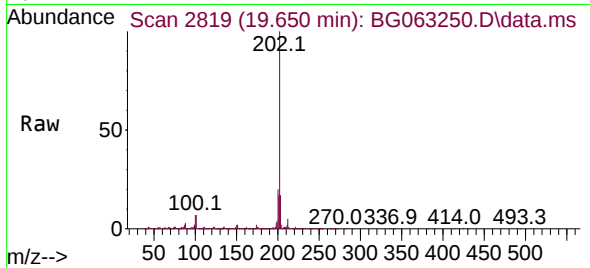
Tgt Ion:202 Resp: 310896
Ion Ratio Lower Upper
202 100
101 6.2 4.7 7.1
100 4.4 3.4 5.0





#82
Pyrene
Concen: 4.247 ng/ul
RT: 19.650 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG063250.D
Acq: 9 Nov 2024 5:24

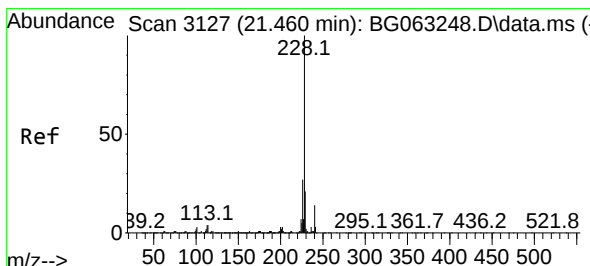
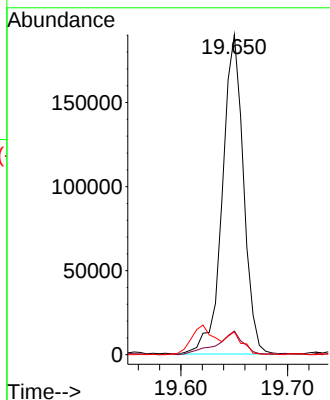
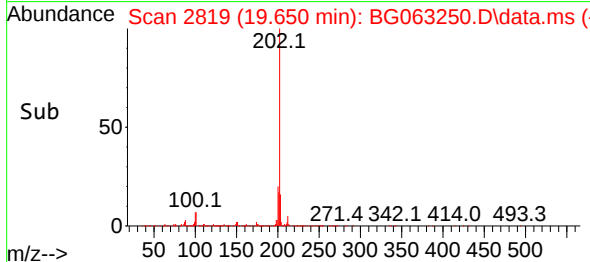
Instrument :
BNA_G
ClientSampleId :
A4EE7



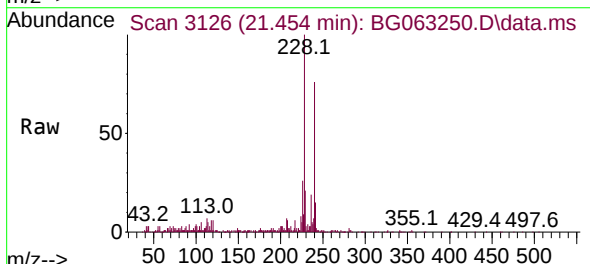
Tgt Ion:202 Resp: 261712
Ion Ratio Lower Upper
202 100
101 7.4 4.9 7.3
100 7.1 4.4 6.6

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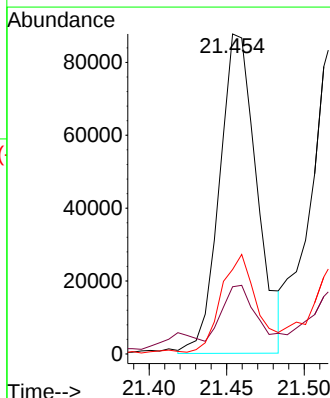
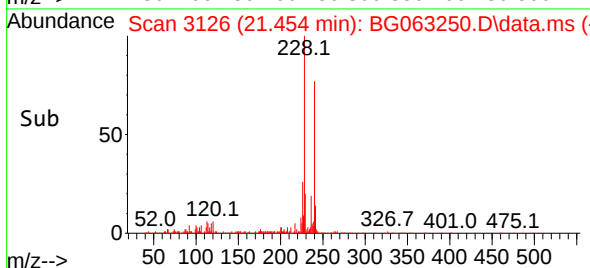
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

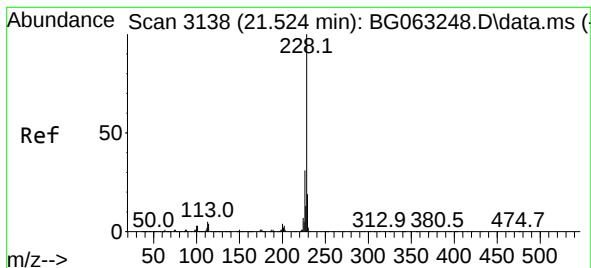


#85
Benzo(a)anthracene
Concen: 2.170 ng/ul
RT: 21.454 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BG063250.D
Acq: 9 Nov 2024 5:24



Tgt Ion:228 Resp: 147232
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 26.4 21.4 32.2





#87

Chrysene

Concen: 2.496 ng/u1

RT: 21.518 min Scan# 3138

Delta R.T. -0.007 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Instrument :

BNA_G

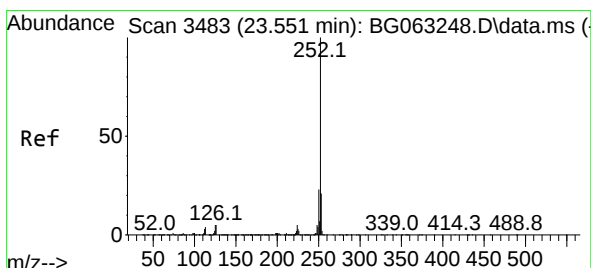
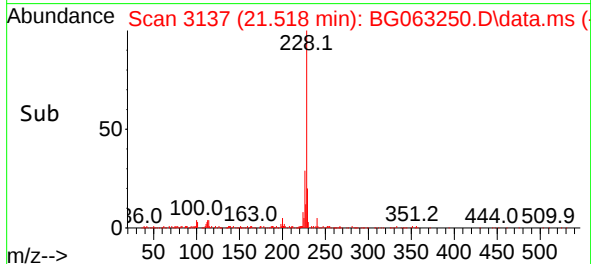
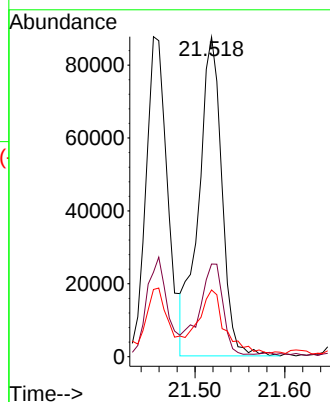
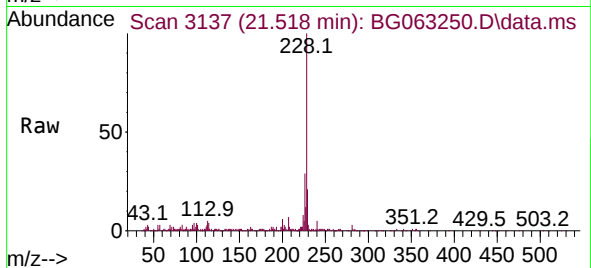
ClientSampleId :

A4EE7

Tgt Ion:228 Resp: 15786
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.1 36.1
 229 20.9 16.6 24.8

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#90

Benzo(b)fluoranthene

Concen: 2.537 ng/u1

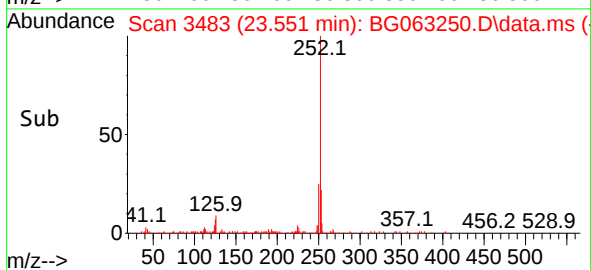
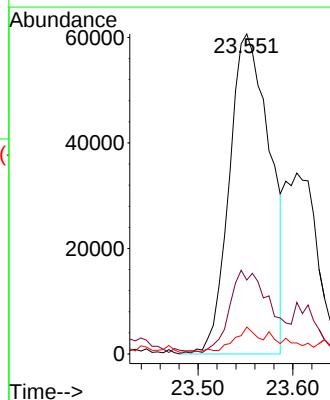
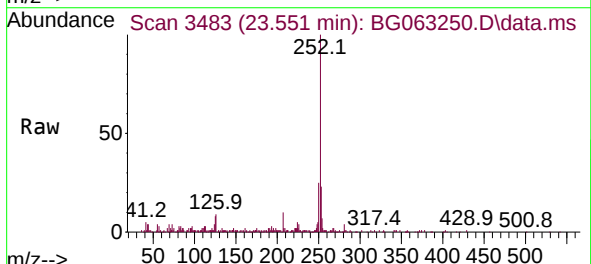
RT: 23.551 min Scan# 3483

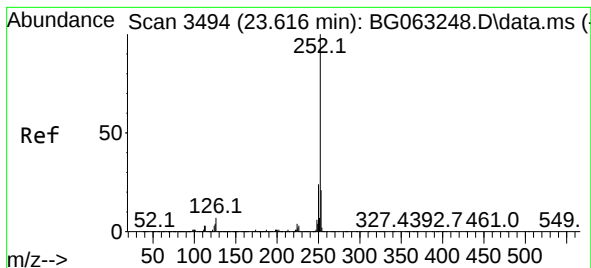
Delta R.T. -0.007 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Tgt Ion:252 Resp: 180045
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.1 25.7
 125 8.4 3.4 5.0#





#91

Benzo(k)fluoranthene

Concen: 1.157 ng/ul m

RT: 23.604 min Scan# 34

Delta R.T. -0.012 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Instrument :

BNA_G

ClientSampleId :

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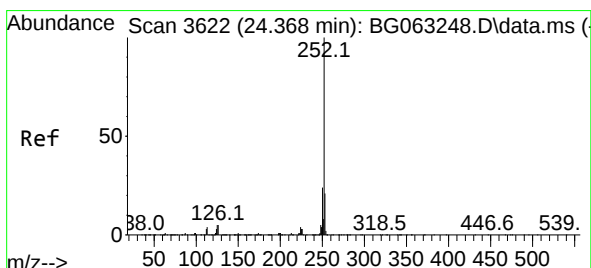
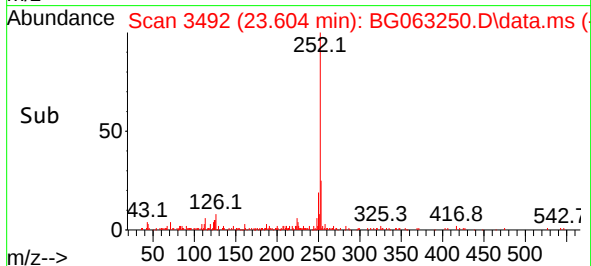
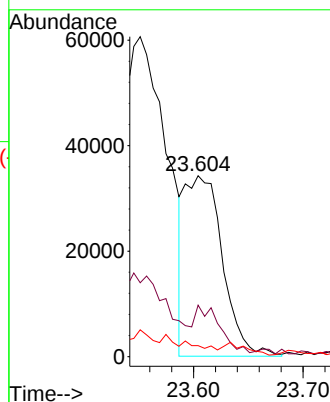
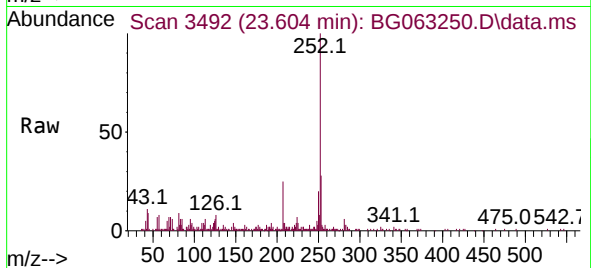
Tgt Ion:252	Resp:	8181
Ion Ratio	Lower	Upper
252	100	
253	28.4	17.4 26.0
125	6.1	3.3 4.9

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2024



#93

Benzo(a)pyrene

Concen: 1.799 ng/ul

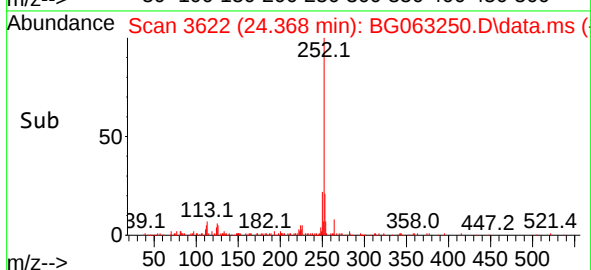
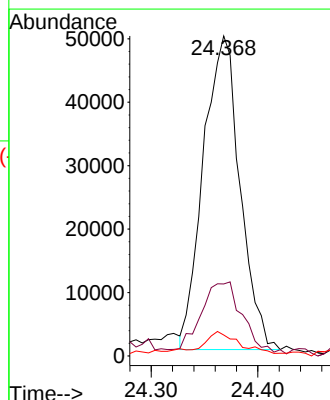
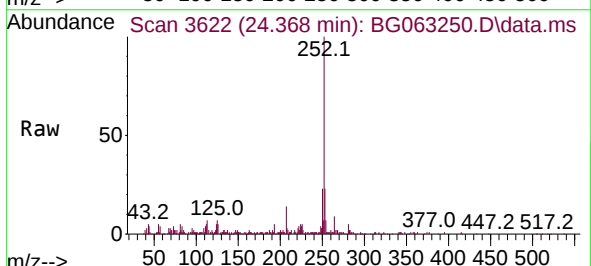
RT: 24.368 min Scan# 3622

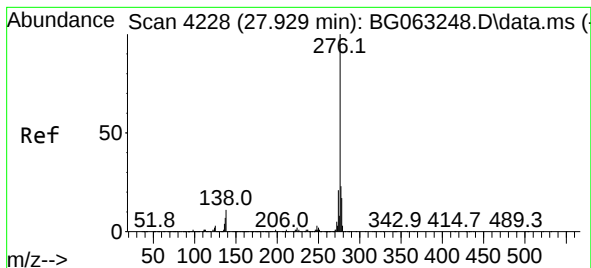
Delta R.T. -0.001 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Tgt Ion:252	Resp:	118090
Ion Ratio	Lower	Upper
252	100	
253	22.5	15.8 23.6
125	6.6	3.4 5.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.059 ng/ul m

RT: 27.923 min Scan# 4228

Delta R.T. -0.001 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Instrument :

BNA_G

ClientSampleId :

A4EE7

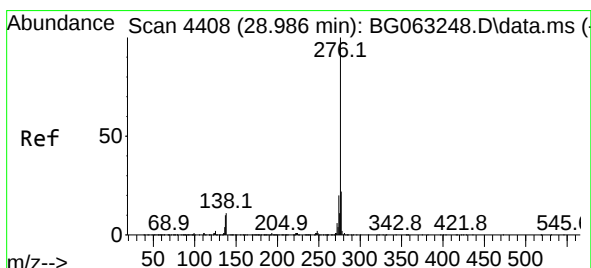
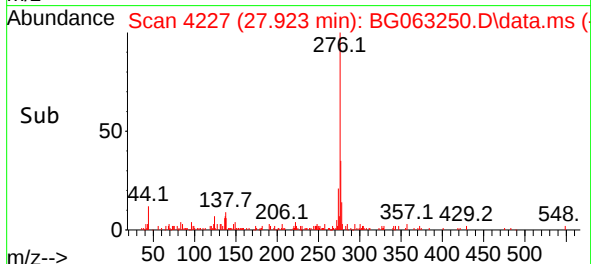
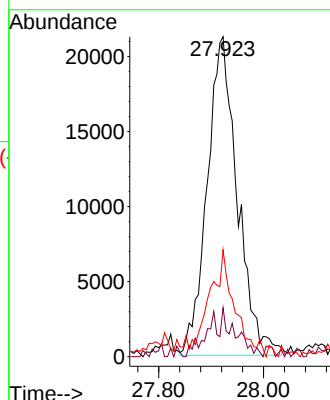
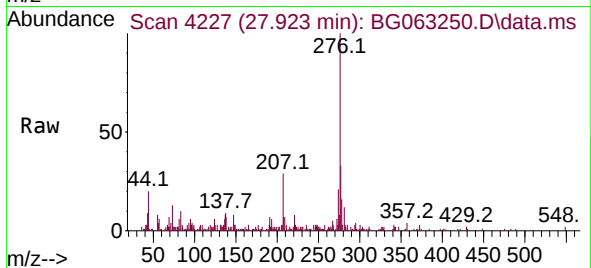
Tgt Ion:	276	Resp:	8525
Ion Ratio	Lower	Upper	
276	100		
138	8.5	7.5	11.3
277	33.4	17.4	26.0

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2024



#96

Benzo(g,h,i)perylene

Concen: 1.357 ng/ul m

RT: 28.992 min Scan# 4409

Delta R.T. -0.001 min

Lab File: BG063250.D

Acq: 9 Nov 2024 5:24

Tgt Ion:	276	Resp:	82839
Ion Ratio	Lower	Upper	
276	100		
138	8.4	8.1	12.1
277	23.4	18.6	27.8

