

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061681.D
 Acq On : 24 Jun 2024 18:55
 Operator : MA/JU
 Sample : P2776-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CY6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 23:49:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	54359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	282234	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	209310	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	512086	20.000	ng/u1	0.00
79) Chrysene-d12	21.710	240	429300	20.000	ng/u1	0.00
88) Perylene-d12	24.942	264	509072	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	6674	4.435	ng/uL	0.00
4) Pyridine-d5	3.902	84	11424m	2.511	ng/u1	0.01
7) Phenol-d5	7.215	99	150339	25.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	88737	24.122	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	101712	25.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	110775	24.282	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	50946	26.585	ng/u1	0.00
24) 2-Nitrophenol-d4	9.965	143	60657	31.252	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	114175	24.843	ng/u1	0.00
31) 4-Chloroaniline-d4	11.017	131	95813	13.770	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	409893	25.448	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	457726	25.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	68286	24.685	ng/u1	0.00
60) Fluorene-d10	15.694	176	385834	27.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	52628	24.034	ng/u1	0.00
73) Anthracene-d10	17.544	188	604903	25.878	ng/u1	0.00
81) Pyrene-d10	19.824	212	619104	25.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.718	264	455278	18.725	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.486	178	74971	2.783	ng/u1	95
80) Fluoranthene	19.489	202	149239	5.364	ng/u1	98
82) Pyrene	19.854	202	163012	5.510	ng/u1	99
85) Benzo(a)anthracene	21.693	228	63513	2.108	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.610	149	21325	1.347	ng/u1#	87
87) Chrysene	21.757	228	80661m	2.829	ng/u1	
90) Benzo(b)fluoranthene	23.913	252	101847	3.328	ng/u1	97
91) Benzo(k)fluoranthene	23.960	252	38529m	1.224	ng/u1	
93) Benzo(a)pyrene	24.783	252	89035	3.022	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.614	276	51011m	1.389	ng/u1	

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

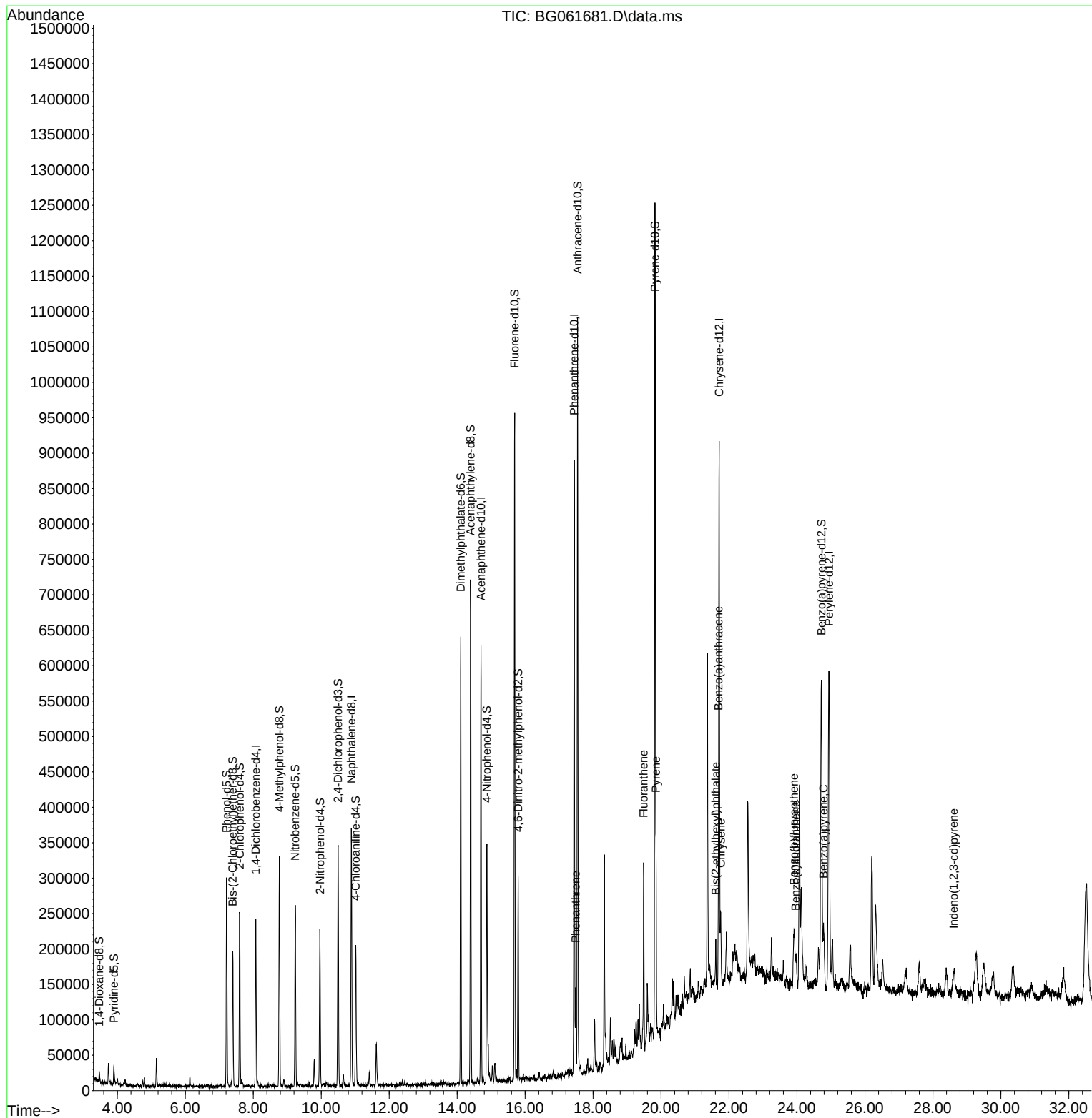
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061681.D
Acq On : 24 Jun 2024 18:55
Operator : MA/JU
Sample : P2776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

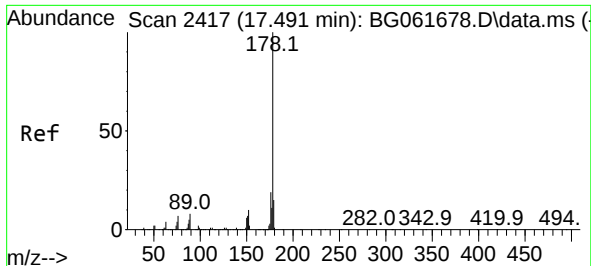
Instrument :
BNA_G
ClientSampleId :
A4CY6

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Supervised By :mohammad ahmed 06/27/2024

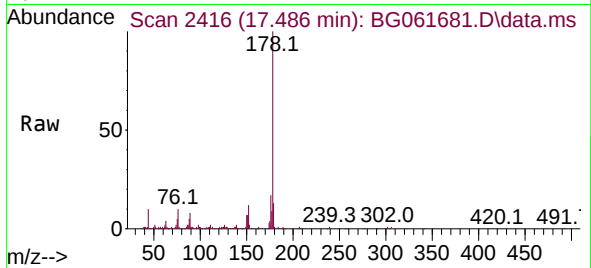
Quant Time: Jun 24 23:49:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.783 ng/uI
RT: 17.486 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

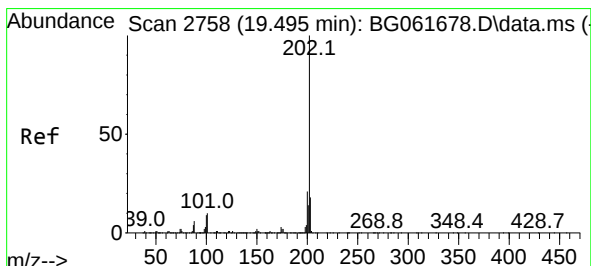
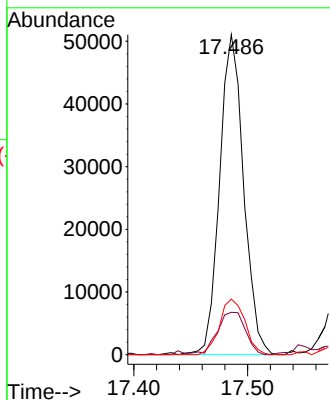
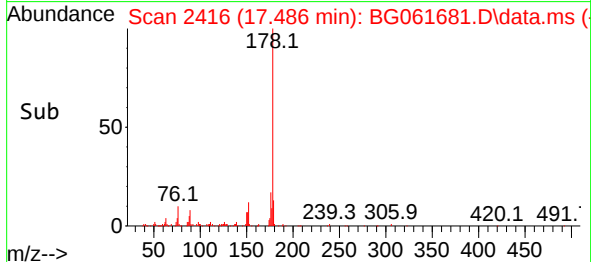
Instrument :
BNA_G
ClientSampleId :
A4CY6



Tgt Ion:178 Resp: 7497
Ion Ratio Lower Upper
178 100
179 13.3 12.0 18.0
176 17.4 16.2 24.2

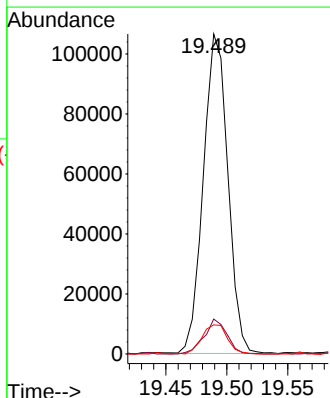
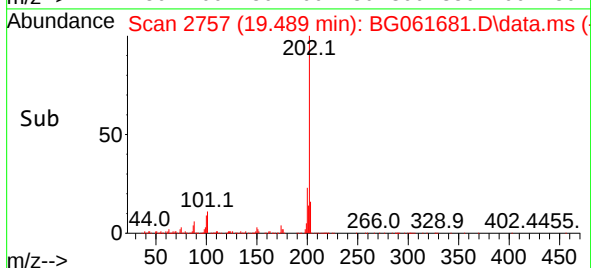
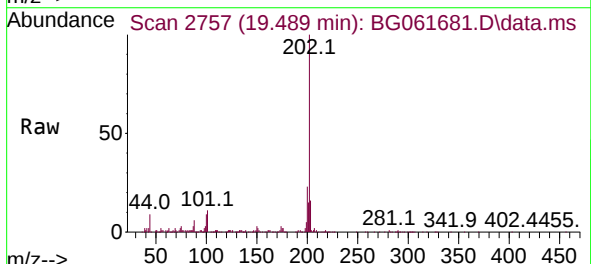
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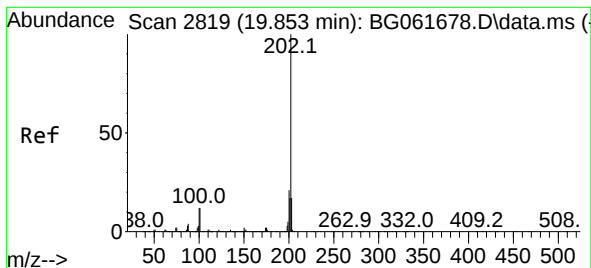
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#80
Fluoranthene
Concen: 5.364 ng/uI
RT: 19.489 min Scan# 2757
Delta R.T. -0.003 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

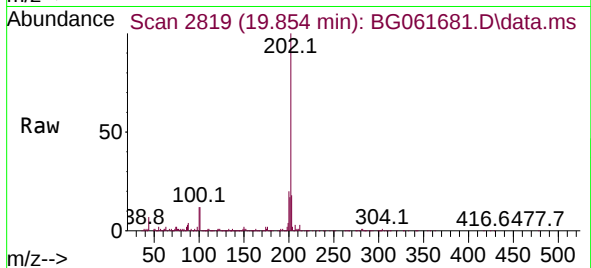
Tgt Ion:202 Resp: 149239
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.1 7.7 11.5





#82
Pyrene
Concen: 5.510 ng/ul
RT: 19.854 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

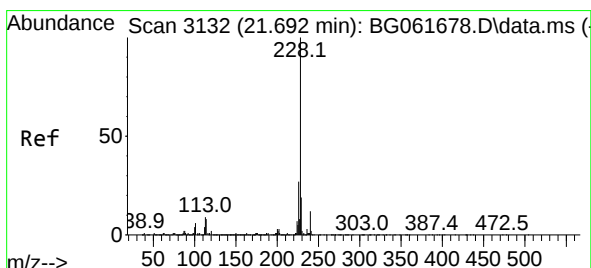
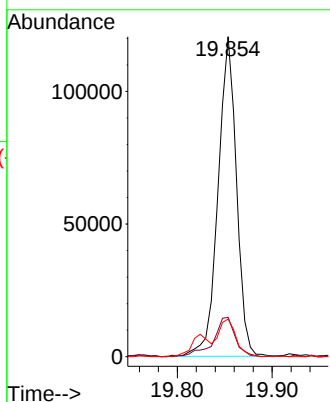
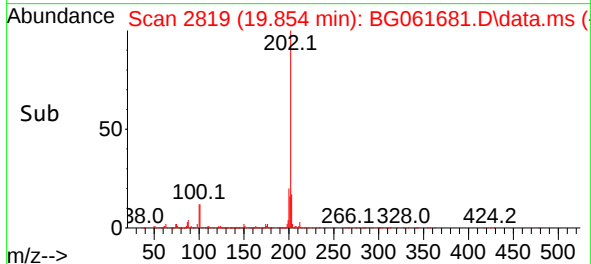
Instrument :
BNA_G
ClientSampleId :
A4CY6



Tgt Ion:202 Resp: 16301
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 11.7 9.9 14.9

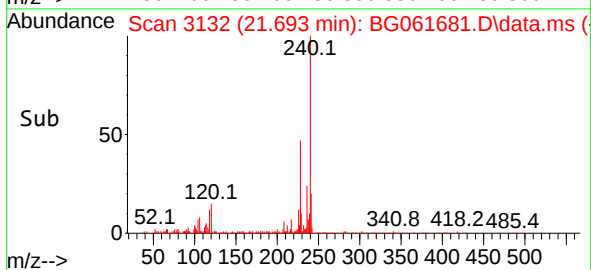
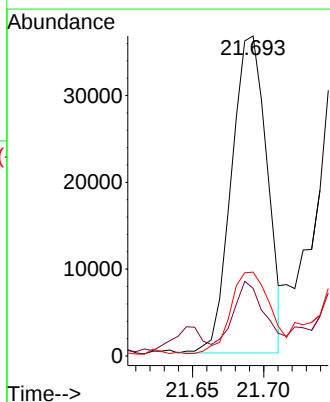
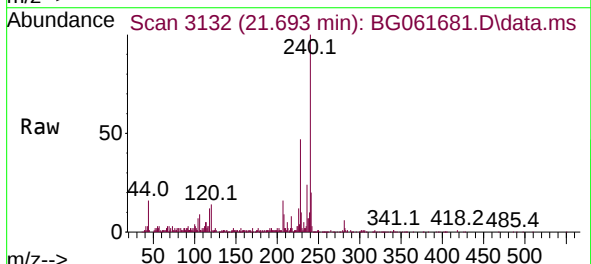
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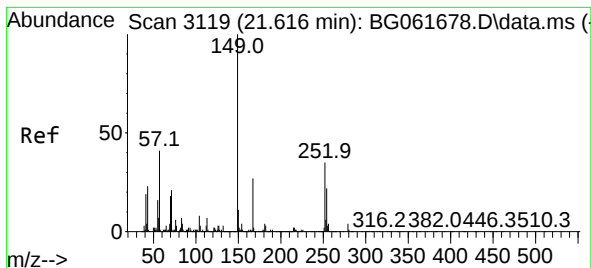
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#85
Benzo(a)anthracene
Concen: 2.108 ng/ul
RT: 21.693 min Scan# 3132
Delta R.T. 0.003 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

Tgt Ion:228 Resp: 63513
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 26.2 21.4 32.2





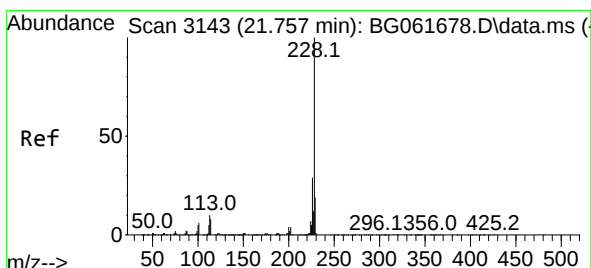
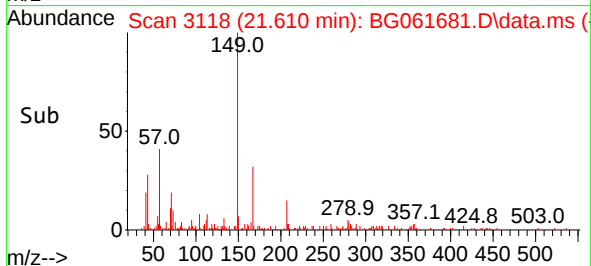
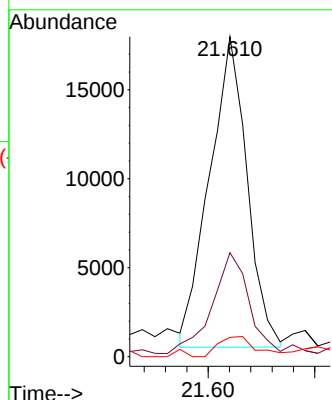
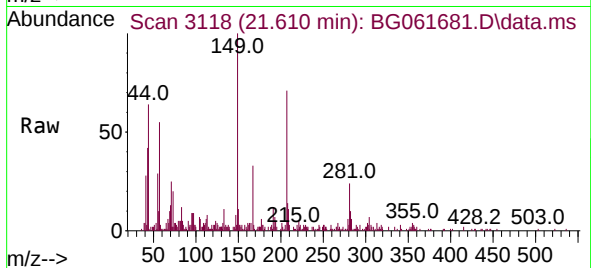
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.347 ng/ul
RT: 21.610 min Scan# 3119
Delta R.T. -0.015 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

Instrument :
BNA_G
ClientSampleId :
A4CY6

Tgt Ion:149 Resp: 2132
Ion Ratio Lower Upper
149 100
167 32.5 20.5 30.7
279 6.1 2.9 4.3

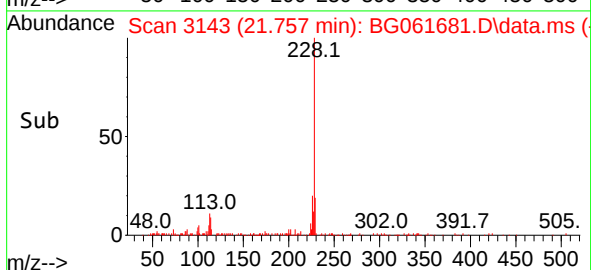
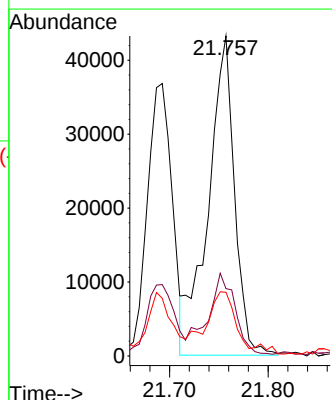
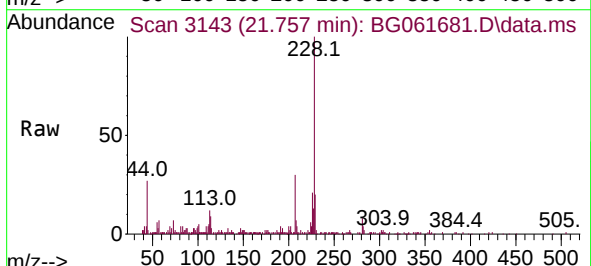
Manual Integrations
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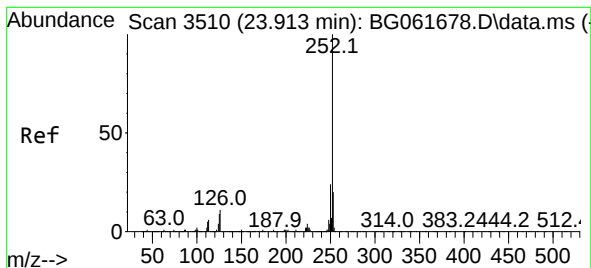
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 2.829 ng/ul m
RT: 21.757 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG061681.D
Acq: 24 Jun 2024 18:55

Tgt Ion:228 Resp: 80661
Ion Ratio Lower Upper
228 100
226 21.0 24.2 36.2
229 19.9 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 3.328 ng/ul

RT: 23.913 min Scan# 3510

Delta R.T. -0.003 min

Lab File: BG061681.D

Acq: 24 Jun 2024 18:55

Instrument :

BNA_G

ClientSampleId :

A4CY6

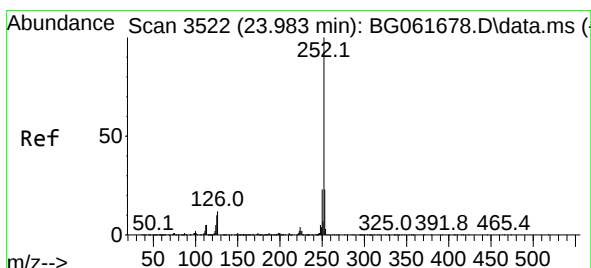
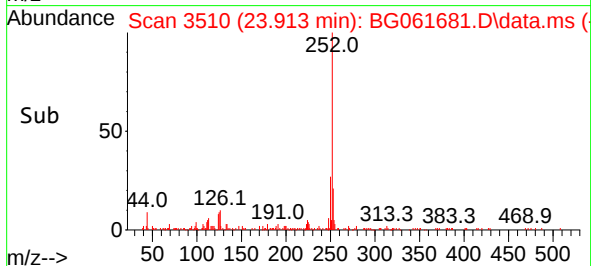
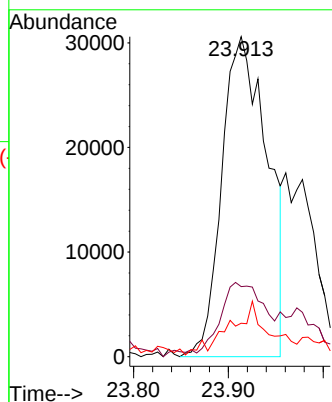
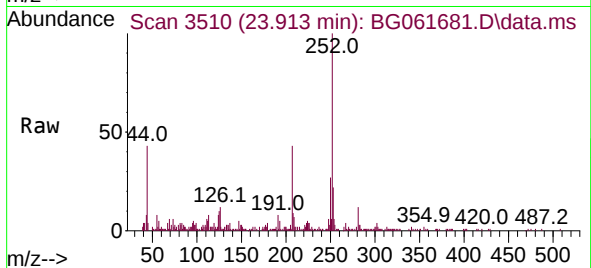
Tgt Ion:252 Resp: 10184
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.6 27.8
 125 10.4 7.0 10.6

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.224 ng/ul m

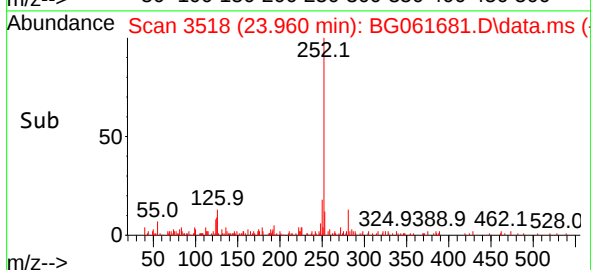
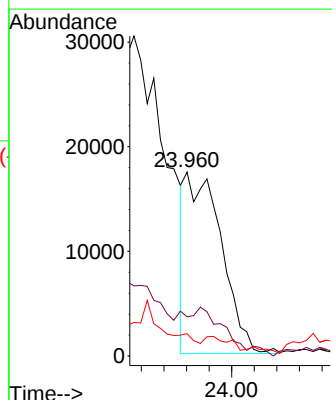
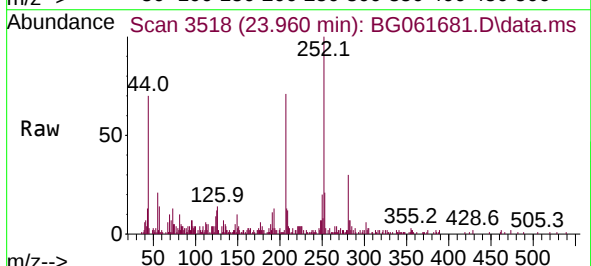
RT: 23.960 min Scan# 3518

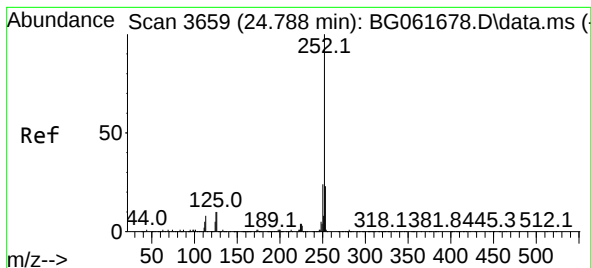
Delta R.T. -0.021 min

Lab File: BG061681.D

Acq: 24 Jun 2024 18:55

Tgt Ion:252 Resp: 38529
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.8 26.6
 125 12.1 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 3.022 ng/ul

RT: 24.783 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG061681.D

Acq: 24 Jun 2024 18:55

Instrument :

BNA_G

ClientSampleId :

A4CY6

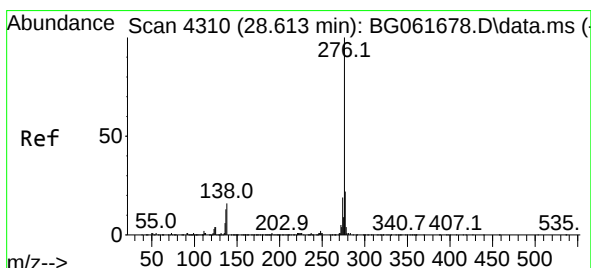
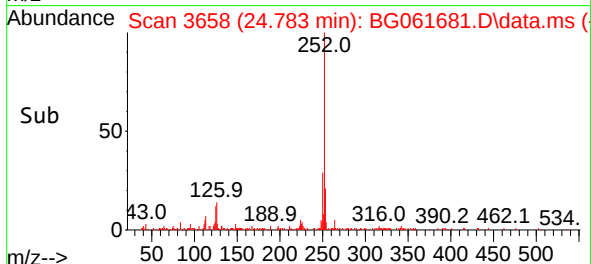
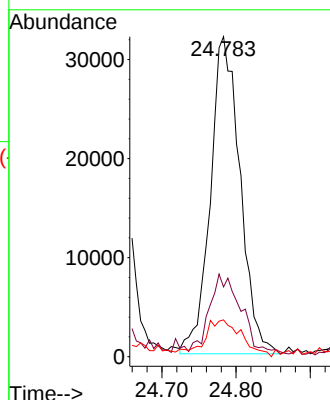
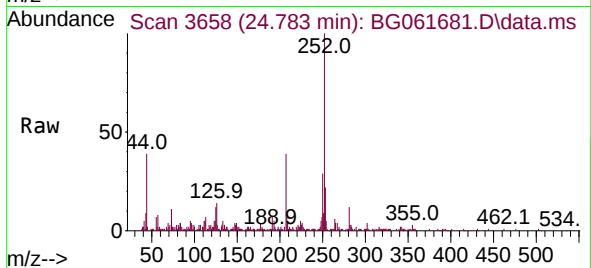
Tgt Ion:	252	Resp:	8903
Ion Ratio	Lower	Upper	
252	100		
253	21.8	16.8	25.2
125	11.5	6.5	9.7

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.389 ng/ul m

RT: 28.614 min Scan# 4310

Delta R.T. -0.003 min

Lab File: BG061681.D

Acq: 24 Jun 2024 18:55

Tgt Ion:	276	Resp:	51011
Ion Ratio	Lower	Upper	
276	100		
138	28.0	12.2	18.4#
277	32.1	19.7	29.5#

