

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061838.D
 Acq On : 2 Jul 2024 9:01
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 09:49:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	71231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	325071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	205668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.429	188	426943	20.000	ng/ul	0.00
79) Chrysene-d12	21.689	240	326672	20.000	ng/ul	0.00
88) Perylene-d12	24.909	264	381008	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	9180	4.656	ng/uL	0.00
4) Pyridine-d5	3.892	84	18646	3.128	ng/ul	0.02
7) Phenol-d5	7.212	99	231303	29.912	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.382	67	145744	30.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.588	132	169865	32.011	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	139239	23.292	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	86599	39.235	ng/ul	0.00
24) 2-Nitrophenol-d4	9.944	143	97451	43.593	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	180316	34.065	ng/ul	0.00
31) 4-Chloroaniline-d4	11.008	131	18001m	2.246	ng/ul	0.01
46) Dimethylphthalate-d6	14.086	166	562811	35.560	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	607851	35.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.879	143	75622	27.821	ng/ul	0.02
60) Fluorene-d10	15.673	176	472757	34.120	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.784	200	48979	26.828	ng/ul	0.00
73) Anthracene-d10	17.529	188	653223	33.519	ng/ul	0.00
81) Pyrene-d10	19.809	212	596798	32.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	399115	21.933	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	194568	8.662	ng/ul	97
74) Anthracene	17.565	178	38357	1.670	ng/ul	97
80) Fluoranthene	19.474	202	334293	15.789	ng/ul	99
82) Pyrene	19.838	202	259638	11.533	ng/ul	97
85) Benzo(a)anthracene	21.672	228	162623	7.092	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.572	149	21030	1.745	ng/ul#	93
87) Chrysene	21.736	228	184004	8.480	ng/ul	96
90) Benzo(b)fluoranthene	23.887	252	271660	11.861	ng/ul#	97
91) Benzo(k)fluoranthene	23.945	252	84786m	3.600	ng/ul	
93) Benzo(a)pyrene	24.756	252	96679	4.385	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.581	276	108203	3.938	ng/ul#	93

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

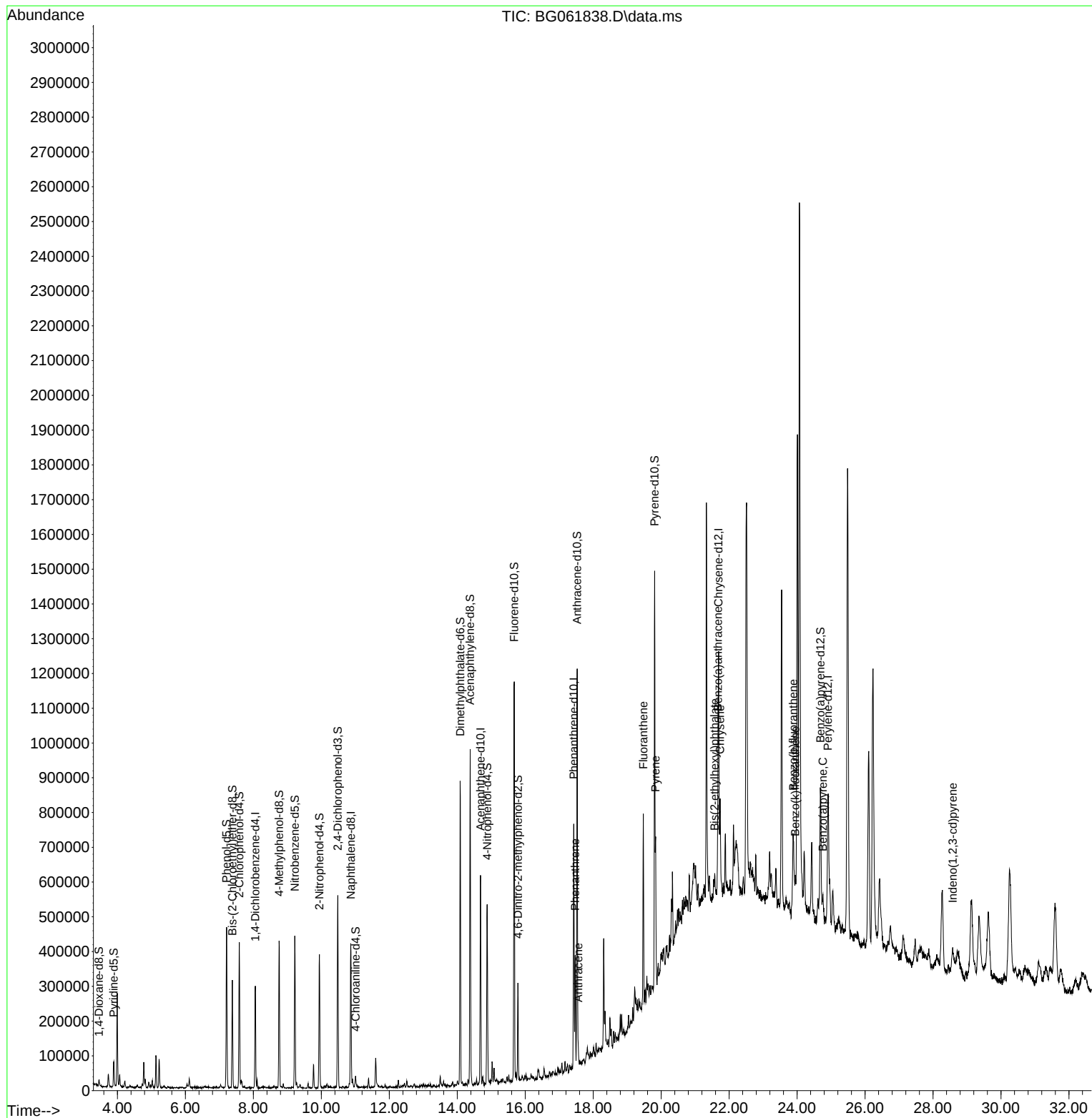
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

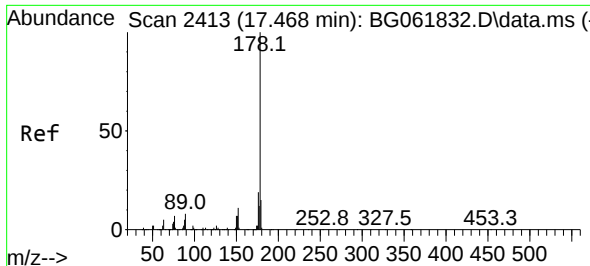
Instrument :
BNA_G
ClientSampleId :
A4BQ2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

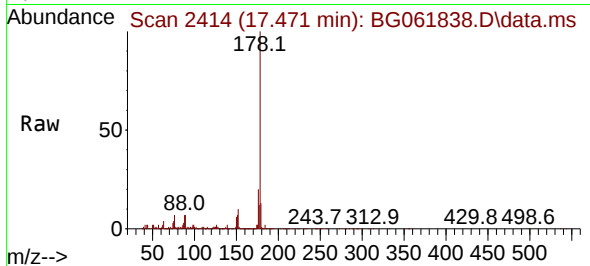
Quant Time: Jul 02 09:49:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 8.662 ng/ul
RT: 17.471 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

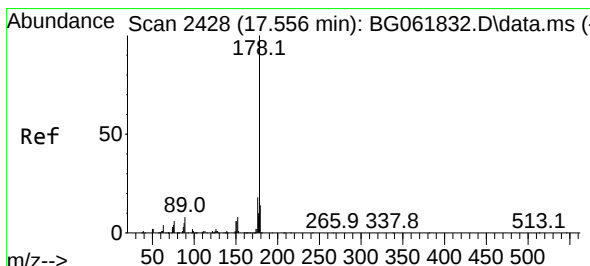
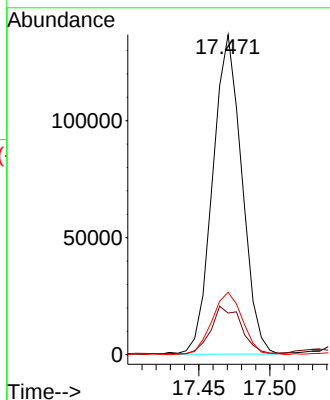
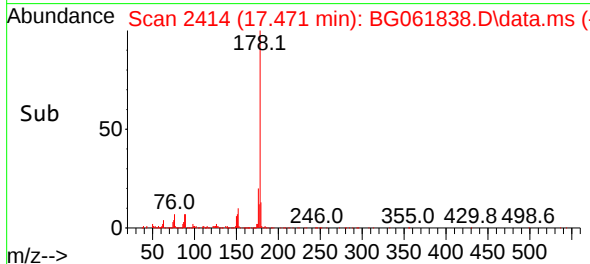
Instrument :
BNA_G
ClientSampleId :
A4BQ2



Tgt Ion:178 Resp: 194568
Ion Ratio Lower Upper
178 100
179 13.0 12.0 18.0
176 19.5 16.2 24.2

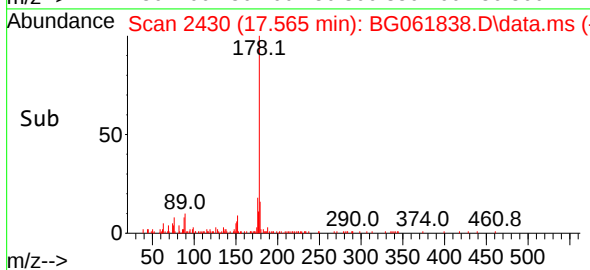
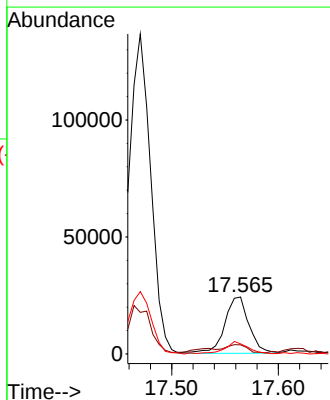
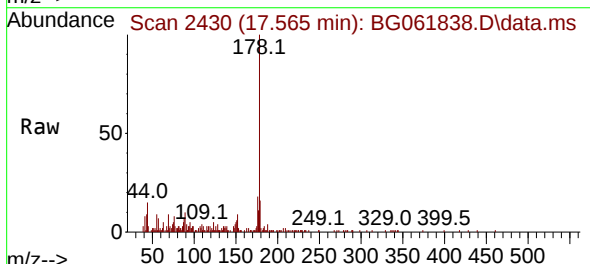
Manual Integrations
APPROVED

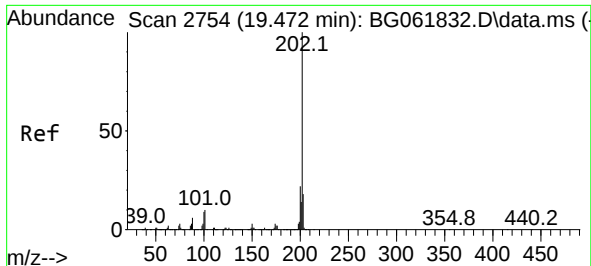
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#74
Anthracene
Concen: 1.670 ng/ul
RT: 17.565 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

Tgt Ion:178 Resp: 38357
Ion Ratio Lower Upper
178 100
179 16.1 11.4 17.2
176 17.8 14.7 22.1





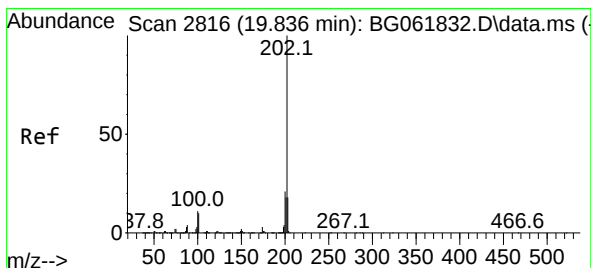
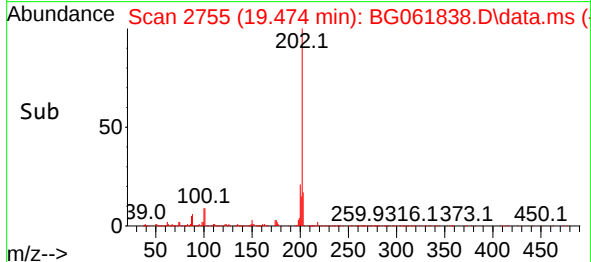
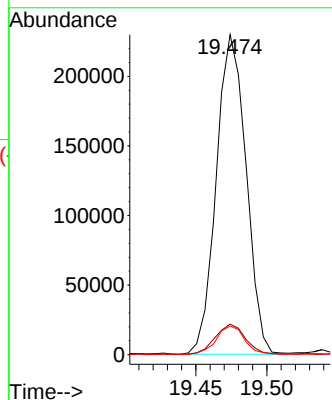
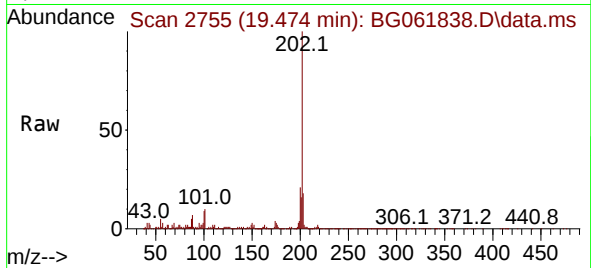
#80
Fluoranthene
Concen: 15.789 ng/uI
RT: 19.474 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

Instrument :
BNA_G
ClientSampleId :
A4BQ2

Tgt Ion:202 Resp: 33429
Ion Ratio Lower Upper
202 100
101 9.5 7.8 11.6
100 8.9 7.7 11.5

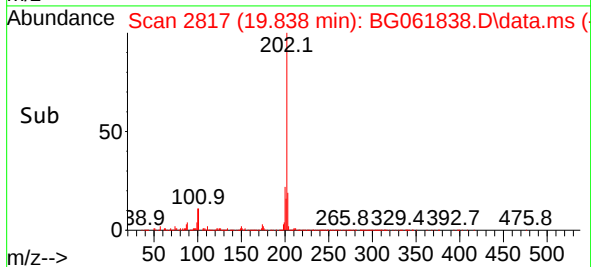
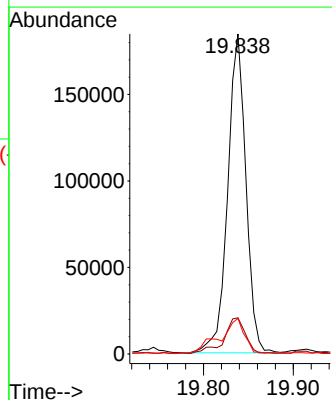
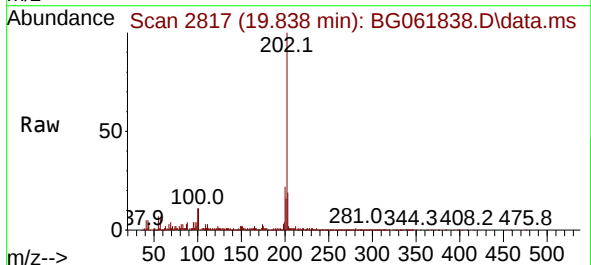
Manual Integrations
APPROVED

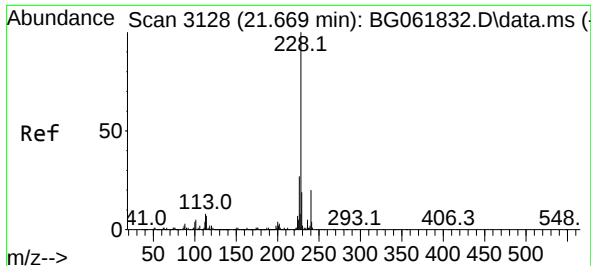
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 11.533 ng/uI
RT: 19.838 min Scan# 2817
Delta R.T. -0.001 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

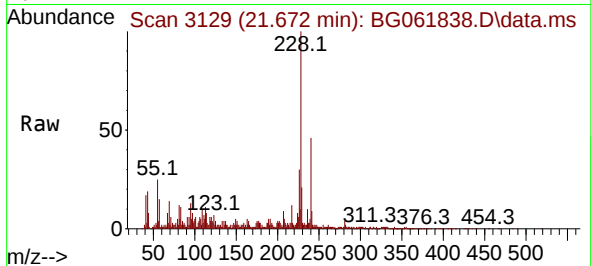
Tgt Ion:202 Resp: 259638
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 11.1 9.9 14.9





#85
Benzo(a)anthracene
Concen: 7.092 ng/ul
RT: 21.672 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

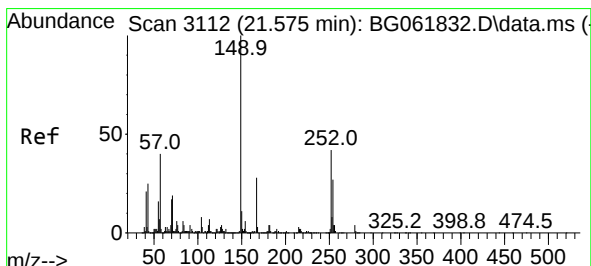
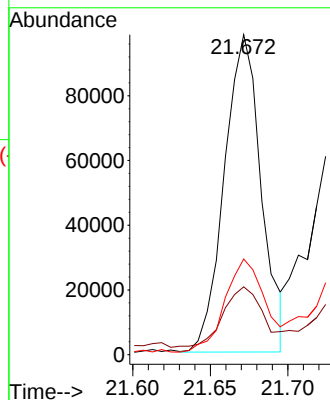
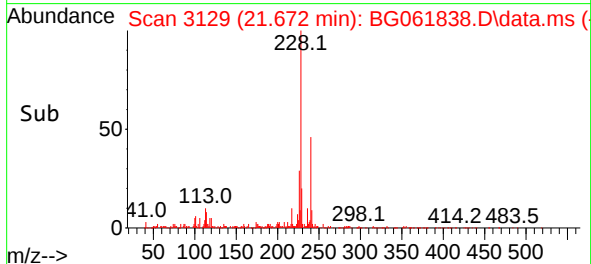
Instrument :
BNA_G
ClientSampleId :
A4BQ2



Tgt Ion:228 Resp: 16262
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 29.9 21.4 32.2

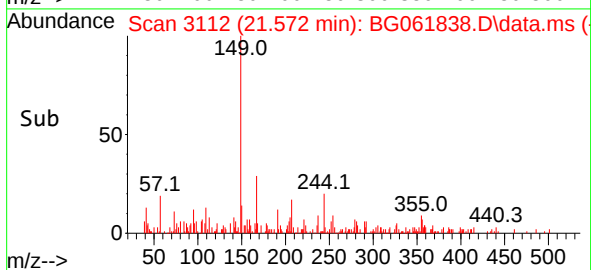
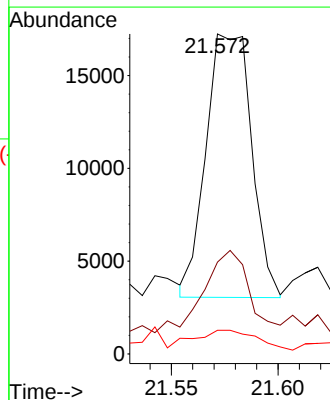
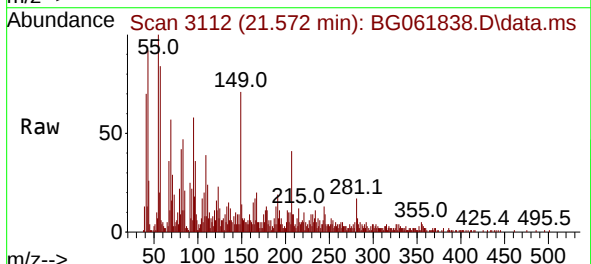
Manual Integrations
APPROVED

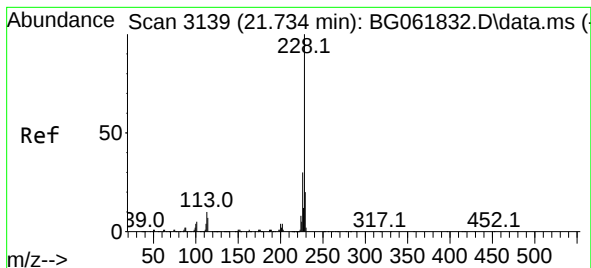
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.745 ng/ul
RT: 21.572 min Scan# 3112
Delta R.T. -0.019 min
Lab File: BG061838.D
Acq: 2 Jul 2024 9:01

Tgt Ion:149 Resp: 21030
Ion Ratio Lower Upper
149 100
167 28.7 20.5 30.7
279 7.4 2.9 4.3#





#87

Chrysene

Concen: 8.480 ng/ul

RT: 21.736 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG061838.D

Acq: 2 Jul 2024 9:01

Instrument :

BNA_G

ClientSampleId :

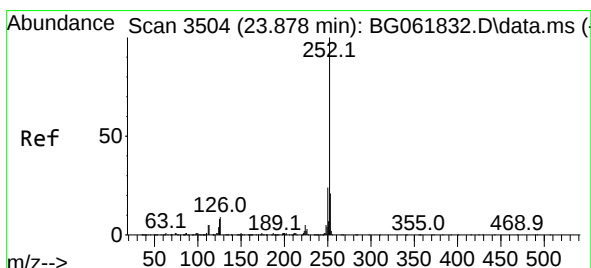
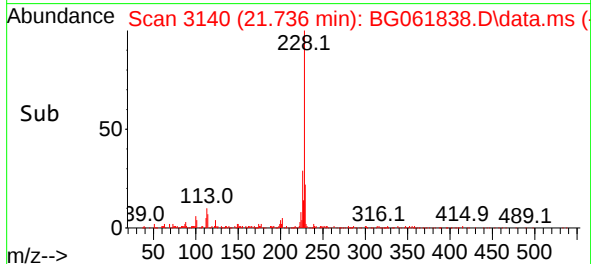
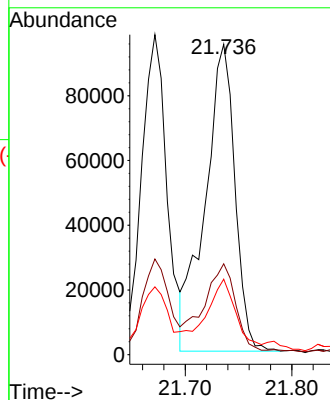
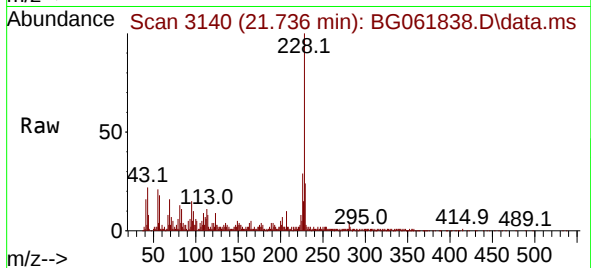
A4BQ2

Tgt Ion:228 Resp: 184004
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.2
229 24.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#90

Benzo(b)fluoranthene

Concen: 11.861 ng/ul

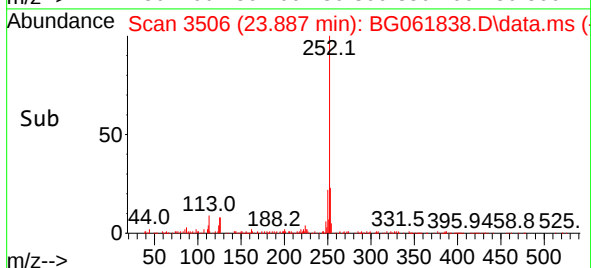
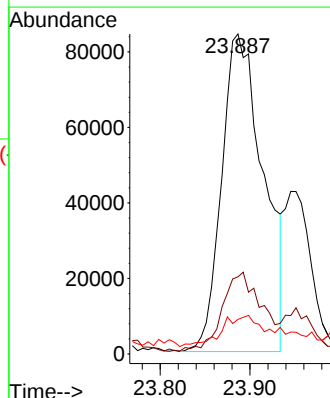
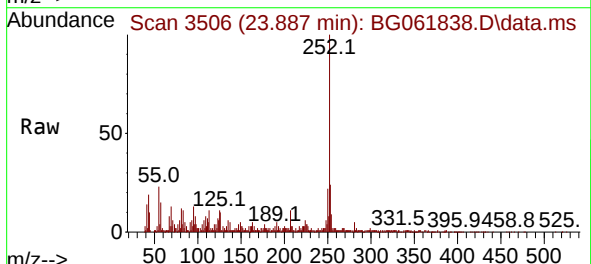
RT: 23.887 min Scan# 3506

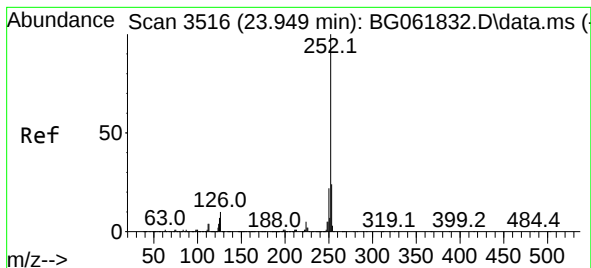
Delta R.T. -0.001 min

Lab File: BG061838.D

Acq: 2 Jul 2024 9:01

Tgt Ion:252 Resp: 271660
Ion Ratio Lower Upper
252 100
253 24.1 18.6 27.8
125 10.8 7.0 10.6#





#91

Benzo(k)fluoranthene

Concen: 3.600 ng/ul m

RT: 23.945 min Scan# 3

Delta R.T. -0.013 min

Lab File: BG061838.D

Acq: 2 Jul 2024 9:01

Instrument :

BNL_G

ClientSampleId :

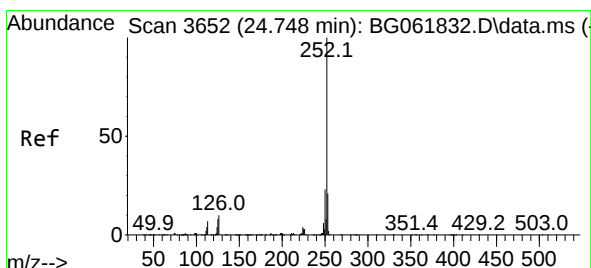
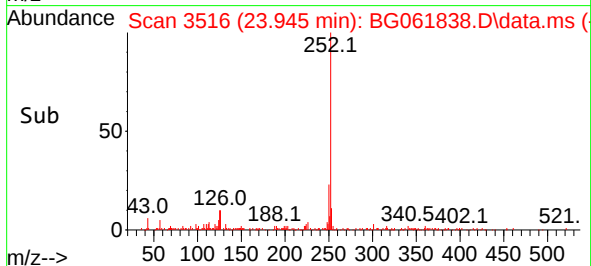
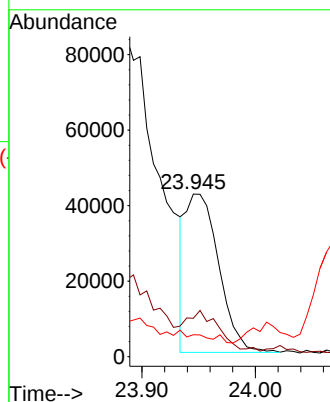
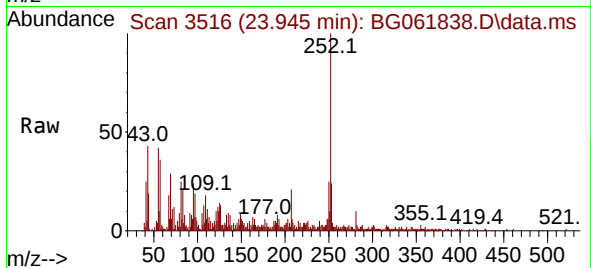
A4BQ2

Tgt Ion:	252	Resp:	84780
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.6
125	13.5	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93

Benzo(a)pyrene

Concen: 4.385 ng/ul

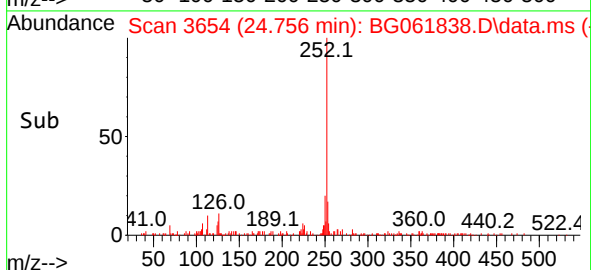
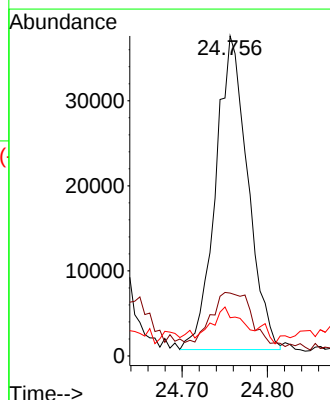
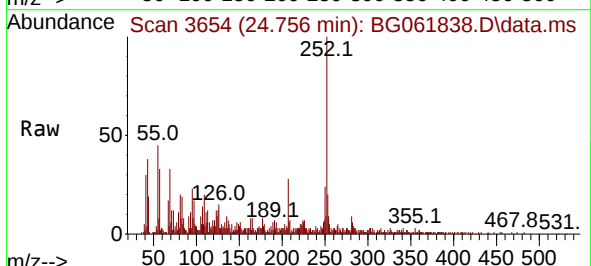
RT: 24.756 min Scan# 3654

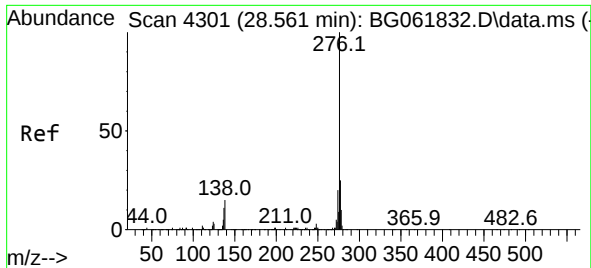
Delta R.T. -0.007 min

Lab File: BG061838.D

Acq: 2 Jul 2024 9:01

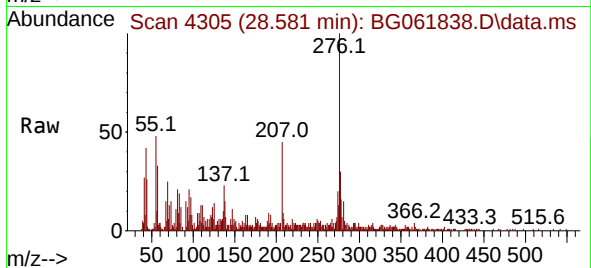
Tgt Ion:	252	Resp:	96679
Ion Ratio	Lower	Upper	
252	100		
253	19.7	16.8	25.2
125	12.0	6.5	9.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.938 ng/ul
 RT: 28.581 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BG061838.D
 Acq: 2 Jul 2024 9:01

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ2



Tgt Ion: 276 Resp: 10820
 Ion Ratio Lower Upper
 276 100
 138 15.2 12.2 18.4
 277 30.5 19.7 29.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

