

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061546.D
 Acq On : 7 Jun 2024 23:46
 Operator : MA/JU
 Sample : P2640-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 00:35:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	24585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.664	136	94566	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.512	164	72695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	169872	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	181273	20.000	ng/u1	0.00
88) Perylene-d12	24.624	264	211543	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1872	4.261	ng/uL	-0.03
4) Pyridine-d5	3.743	84	12041	7.704	ng/u1	-0.03
7) Phenol-d5	7.062	99	42818	21.208	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.197	67	25821	20.348	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.409	132	35938	24.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	34120	19.820	ng/u1	0.00
21) Nitrobenzene-d5	9.031	128	18858	25.901	ng/u1	0.00
24) 2-Nitrophenol-d4	9.753	143	21887	25.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	44204	26.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	11869	5.461	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	131906	23.396	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	144290	24.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	13500m	19.367	ng/u1	0.00
60) Fluorene-d10	15.505	176	116779	23.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	17390	16.926	ng/u1	0.00
73) Anthracene-d10	17.362	188	189383	25.288	ng/u1	0.00
81) Pyrene-d10	19.659	212	220179	23.656	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.412	264	198233	19.492	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.303	178	30638	3.716	ng/u1	99
80) Fluoranthene	19.324	202	77052	6.901	ng/u1	98
82) Pyrene	19.689	202	60219	5.196	ng/u1#	97
85) Benzo(a)anthracene	21.504	228	40354	3.226	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	6044	1.026	ng/u1#	95
87) Chrysene	21.569	228	44373	3.853	ng/u1	96
90) Benzo(b)fluoranthene	23.643	252	61282	4.866	ng/u1	98
91) Benzo(k)fluoranthene	23.702	252	20921m	1.636	ng/u1	
93) Benzo(a)pyrene	24.483	252	27453	2.295	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.143	276	23353m	1.615	ng/u1	

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

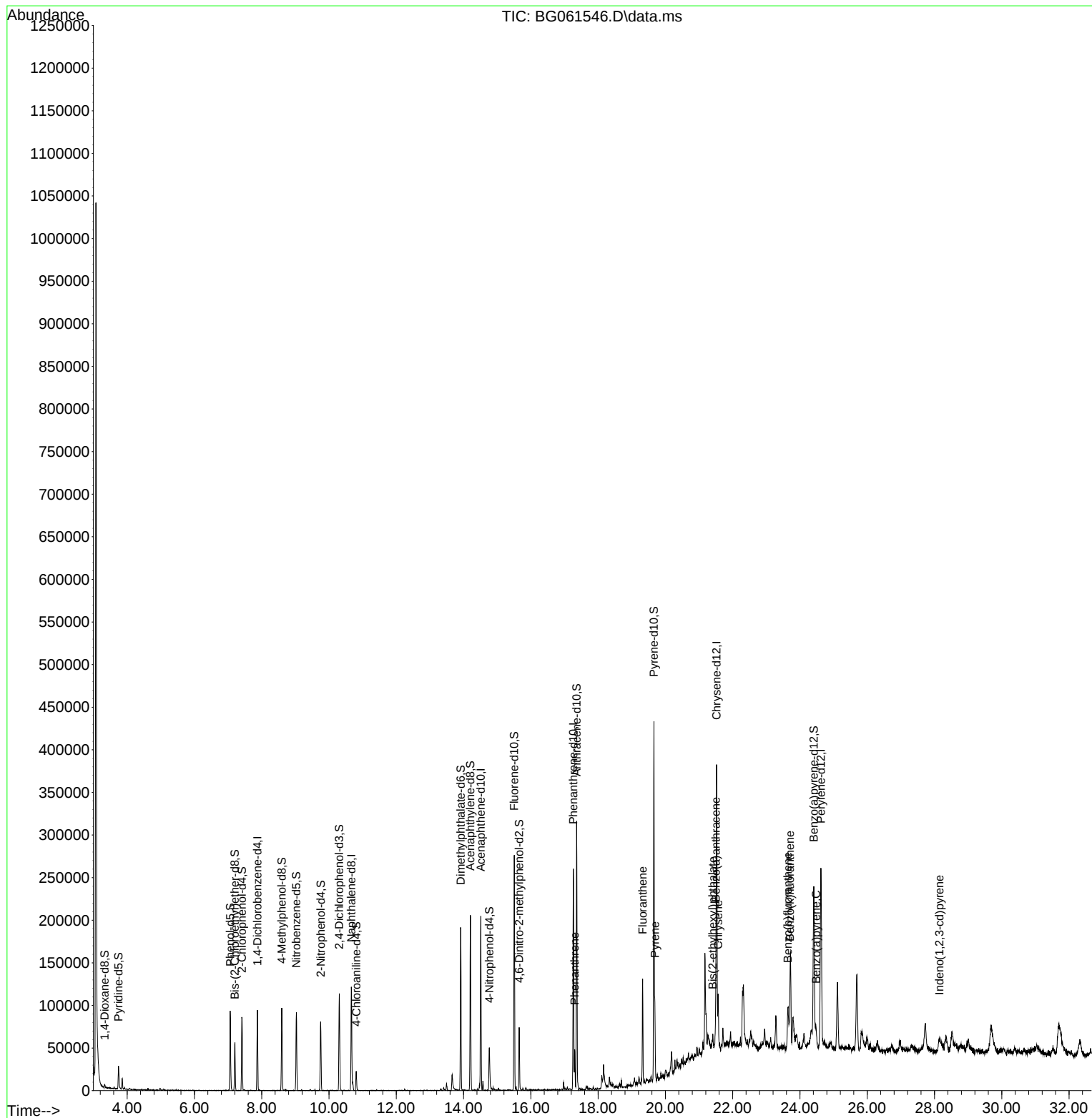
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061546.D
Acq On : 7 Jun 2024 23:46
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

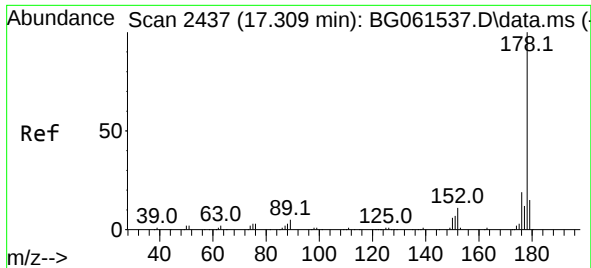
Instrument :
BNA_G
ClientSampleId :
A4C33

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

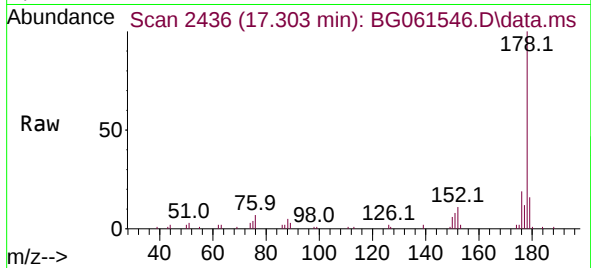
Quant Time: Jun 08 00:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.716 ng/ul
RT: 17.303 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

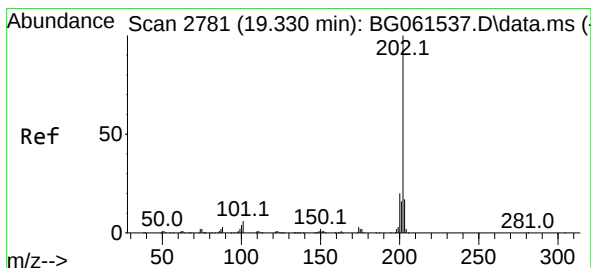
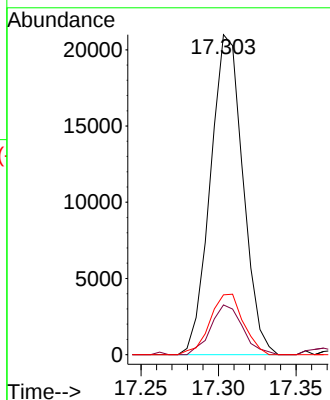
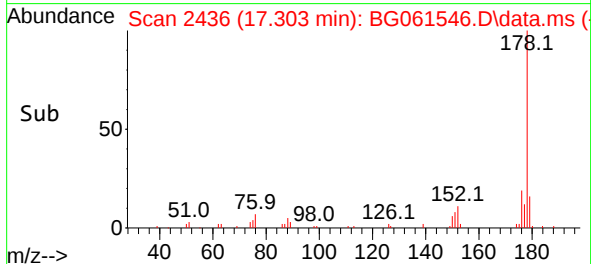
Instrument :
BNA_G
ClientSampleId :
A4C33



Tgt Ion:178 Resp: 30638
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.5 23.3

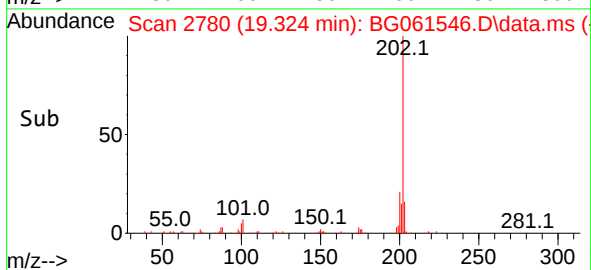
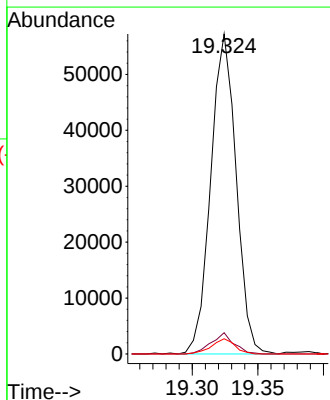
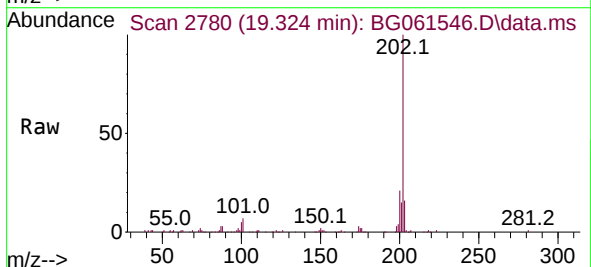
Manual Integrations
APPROVED

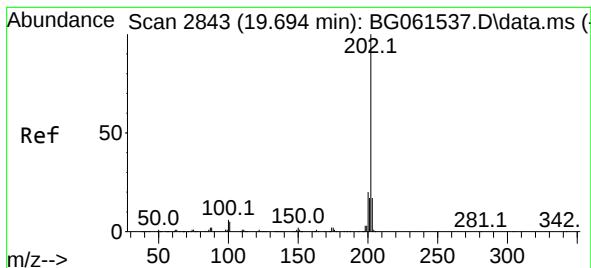
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#80
Fluoranthene
Concen: 6.901 ng/ul
RT: 19.324 min Scan# 2780
Delta R.T. 0.003 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

Tgt Ion:202 Resp: 77052
Ion Ratio Lower Upper
202 100
101 6.7 4.8 7.2
100 4.7 4.1 6.1





#82

Pyrene

Concen: 5.196 ng/ul

RT: 19.689 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG061546.D

Acq: 7 Jun 2024 23:46

Instrument :

BNA_G

ClientSampleId :

A4C33

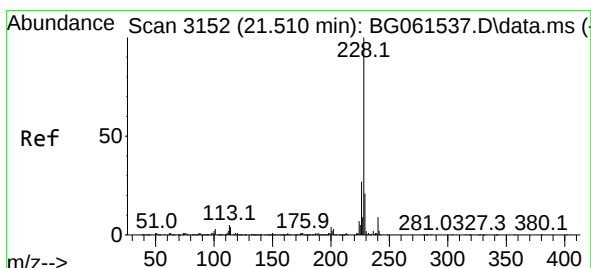
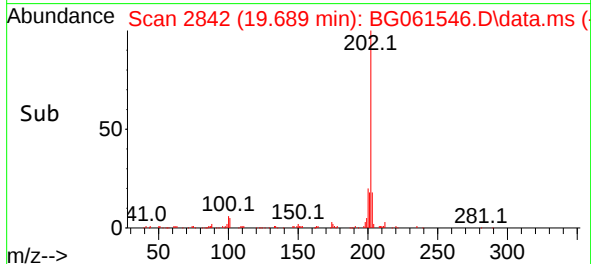
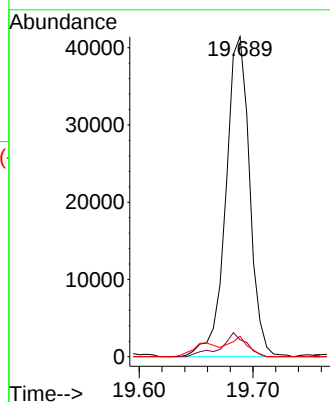
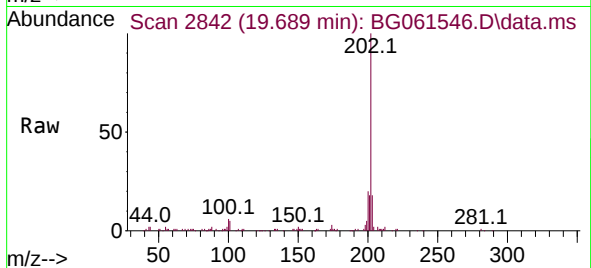
Tgt Ion:202 Resp: 60219
 Ion Ratio Lower Upper
 202 100
 101 5.3 5.7 8.5
 100 6.4 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#85

Benzo(a)anthracene

Concen: 3.226 ng/ul

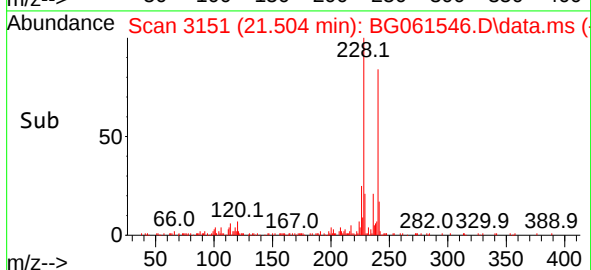
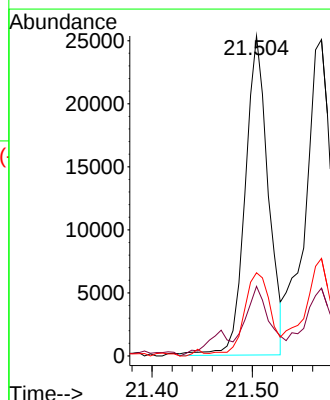
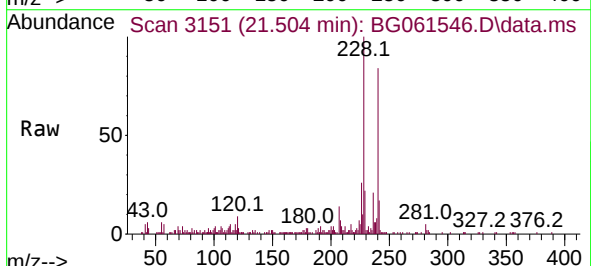
RT: 21.504 min Scan# 3151

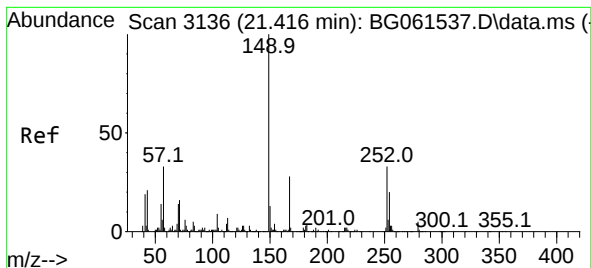
Delta R.T. 0.003 min

Lab File: BG061546.D

Acq: 7 Jun 2024 23:46

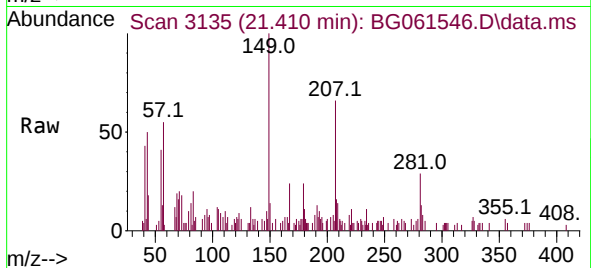
Tgt Ion:228 Resp: 40354
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.2 22.8
 226 26.0 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.026 ng/ul
RT: 21.410 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

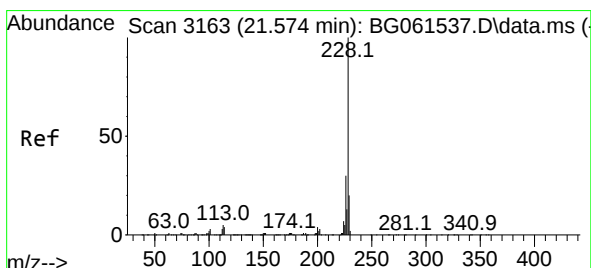
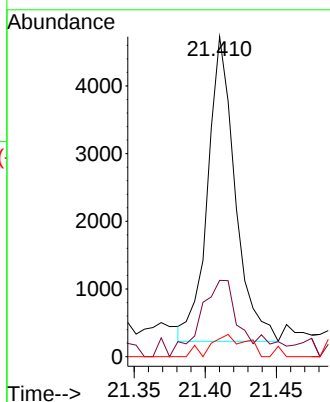
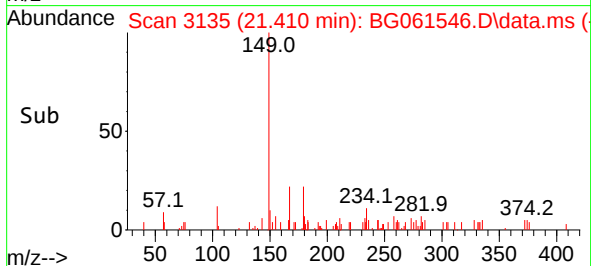
Instrument :
BNA_G
ClientSampleId :
A4C33



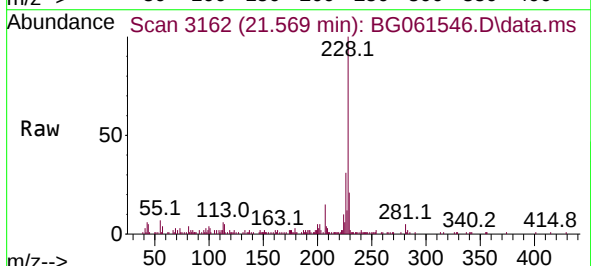
Tgt Ion:149 Resp: 6044
Ion Ratio Lower Upper
149 100
167 23.9 21.1 31.7
279 5.6 3.3 4.9

Manual Integrations
APPROVED

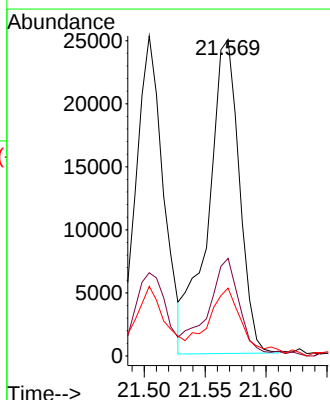
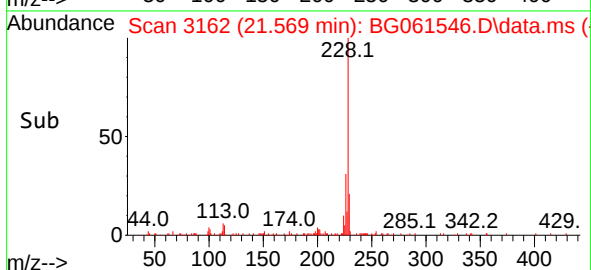
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

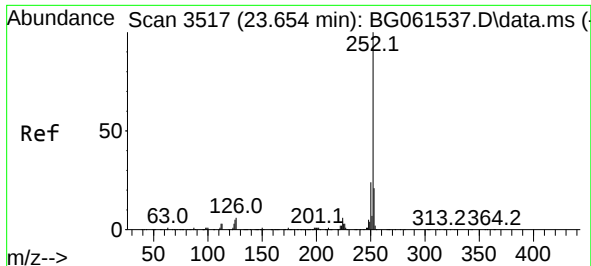


#87
Chrysene
Concen: 3.853 ng/ul
RT: 21.569 min Scan# 3162
Delta R.T. 0.003 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46



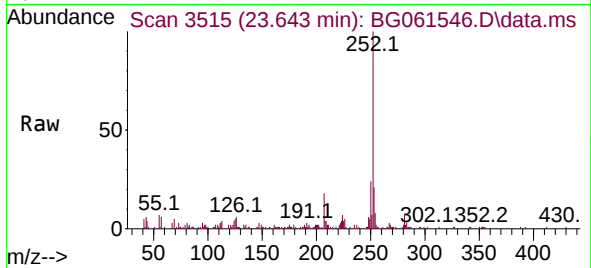
Tgt Ion:228 Resp: 44373
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 21.4 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 4.866 ng/ul
RT: 23.643 min Scan# 3515
Delta R.T. 0.009 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

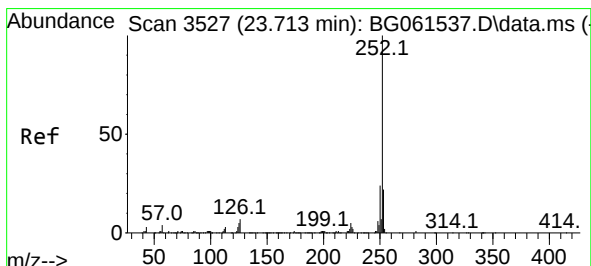
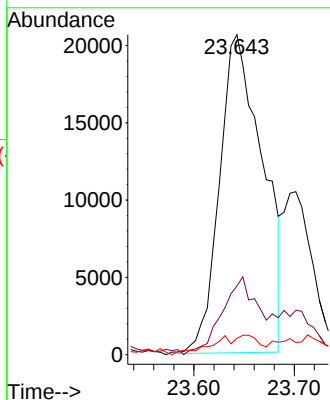
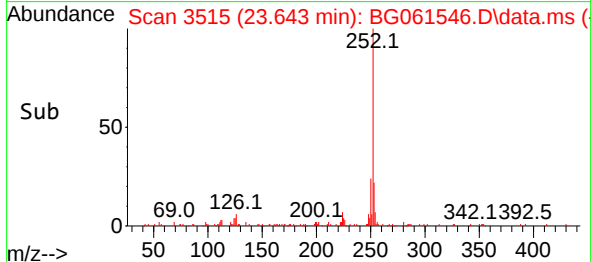
Instrument :
BNA_G
ClientSampleId :
A4C33



Tgt Ion:252 Resp: 6128
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 5.1 4.6 6.8

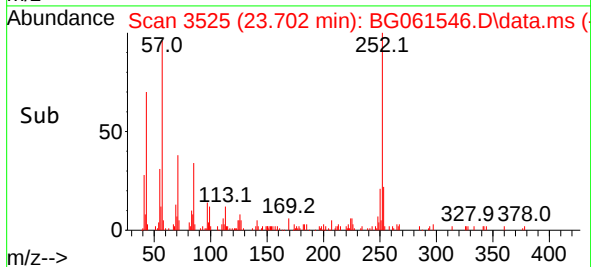
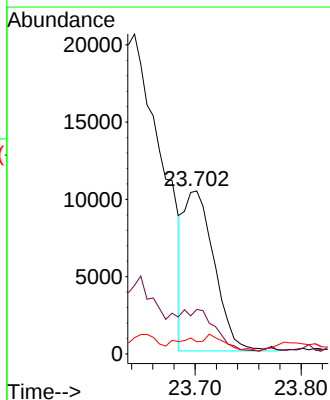
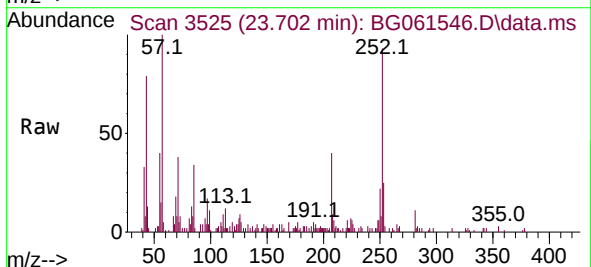
Manual Integrations
APPROVED

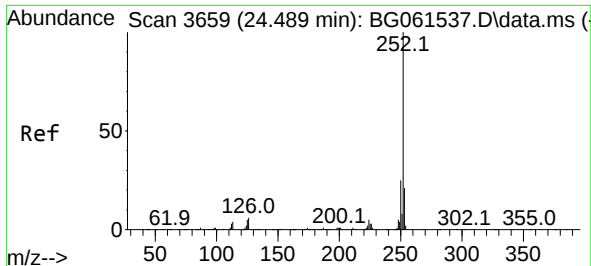
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#91
Benzo(k)fluoranthene
Concen: 1.636 ng/ul m
RT: 23.702 min Scan# 3525
Delta R.T. 0.003 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

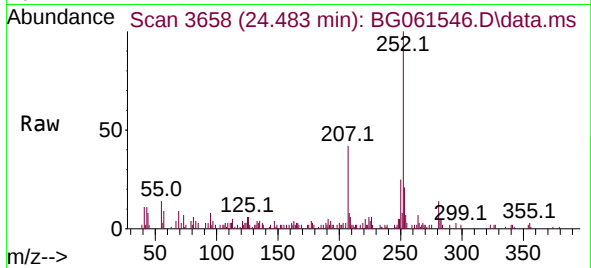
Tgt Ion:252 Resp: 20921
Ion Ratio Lower Upper
252 100
253 27.3 16.0 24.0#
125 7.5 4.3 6.5#





#93
Benzo(a)pyrene
Concen: 2.295 ng/ul
RT: 24.483 min Scan# 3659
Delta R.T. 0.014 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

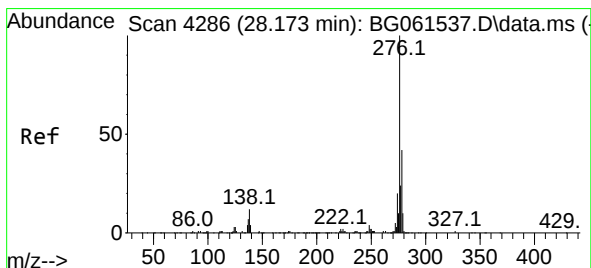
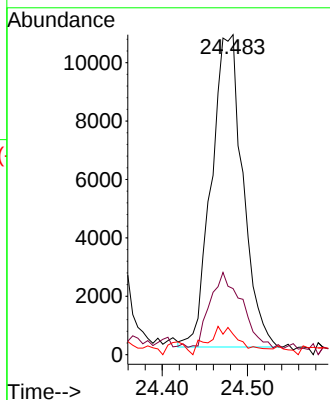
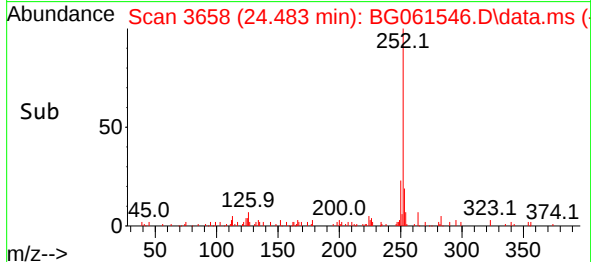
Instrument :
BNA_G
ClientSampleId :
A4C33



Tgt Ion:252 Resp: 2745
Ion Ratio Lower Upper
252 100
253 20.7 16.4 24.6
125 6.4 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.615 ng/ul m
RT: 28.143 min Scan# 4281
Delta R.T. 0.009 min
Lab File: BG061546.D
Acq: 7 Jun 2024 23:46

Tgt Ion:276 Resp: 23353
Ion Ratio Lower Upper
276 100
138 17.5 8.6 13.0#
277 27.9 19.7 29.5

