

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061276.D
 Acq On : 23 May 2024 18:10
 Operator : MA/JU
 Sample : P2547-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5X7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:25:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	18812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.682	136	81957	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.519	164	73960	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	200190	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	204029	20.000	ng/u1	0.00
88) Perylene-d12	24.601	264	225155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	1034	3.076	ng/uL	0.00
4) Pyridine-d5	3.749	84	15772	13.188	ng/u1	0.00
7) Phenol-d5	7.063	99	22732	14.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	14969	15.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.421	132	17932	15.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.602	113	20239	15.364	ng/u1	0.00
21) Nitrobenzene-d5	9.043	128	9567	15.161	ng/u1	0.00
24) 2-Nitrophenol-d4	9.765	143	11528	15.610	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.312	165	21855	15.180	ng/u1	0.00
31) 4-Chloroaniline-d4	10.817	131	29437	15.628	ng/u1	0.00
46) Dimethylphthalate-d6	13.925	166	96455	16.815	ng/u1	0.00
49) Acenaphthylene-d8	14.213	160	96854	16.241	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	10744	15.150	ng/u1	0.00
60) Fluorene-d10	15.512	176	86468	17.460	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	14569	12.033	ng/u1	0.00
73) Anthracene-d10	17.368	188	151180	17.129	ng/u1	0.00
81) Pyrene-d10	19.654	212	191787	18.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.389	264	191330	17.676	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.310	178	14198	1.461	ng/u1	95
80) Fluoranthene	19.325	202	29350	2.335	ng/u1	99
82) Pyrene	19.683	202	26521	2.033	ng/u1#	92
85) Benzo(a)anthracene	21.499	228	15842	1.125	ng/u1	95
87) Chrysene	21.563	228	14821	1.143	ng/u1	93
90) Benzo(b)fluoranthene	23.631	252	17905m	1.336	ng/u1	
93) Benzo(a)pyrene	24.448	252	13999	1.100	ng/u1#	88

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

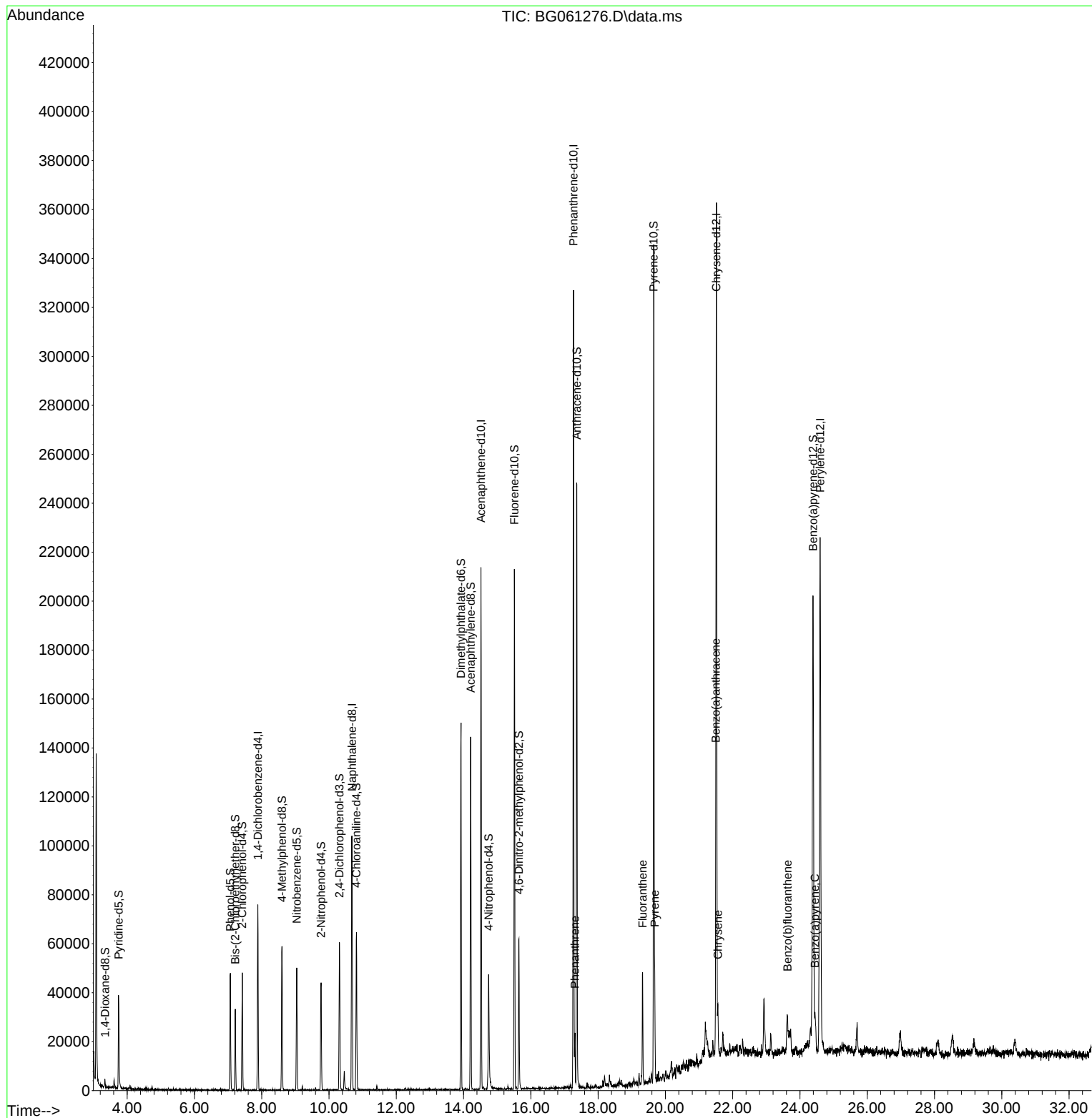
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061276.D
Acq On : 23 May 2024 18:10
Operator : MA/JU
Sample : P2547-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

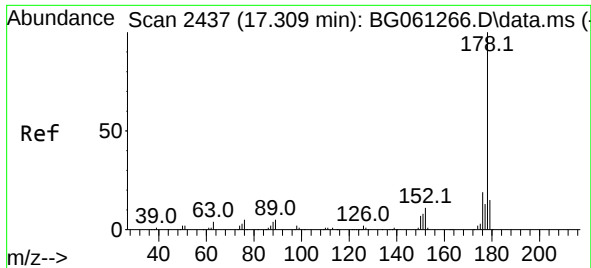
Instrument :
BNA_G
ClientSampleId :
BH5X7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

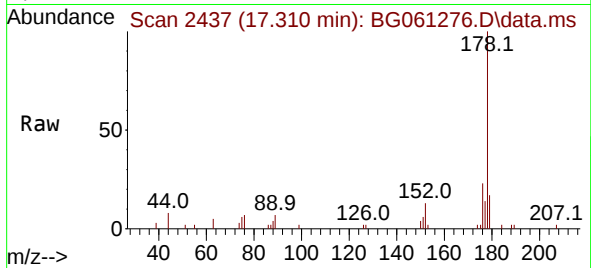
Quant Time: May 24 01:25:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.461 ng/ul
RT: 17.310 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BG061276.D
Acq: 23 May 2024 18:10

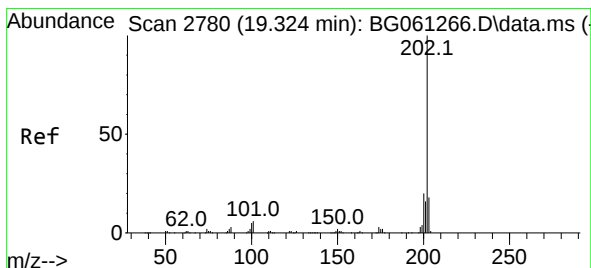
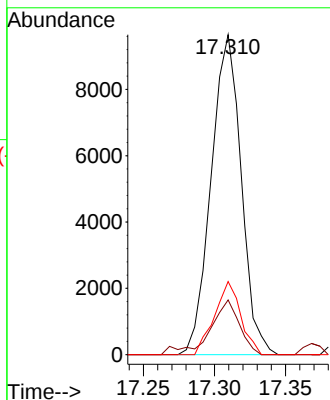
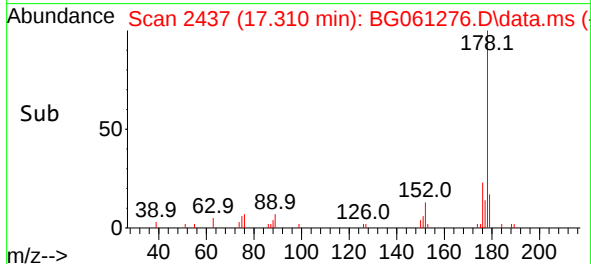
Instrument :
BNA_G
ClientSampleId :
BH5X7



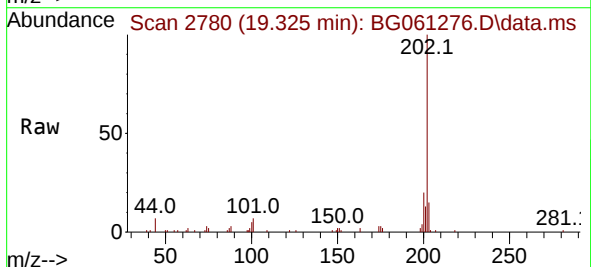
Tgt Ion:178 Resp: 14198
Ion Ratio Lower Upper
178 100
179 17.1 12.7 19.1
176 22.8 15.5 23.3

Manual Integrations
APPROVED

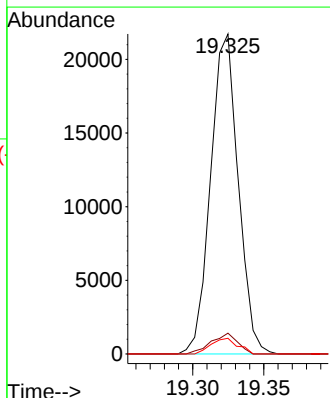
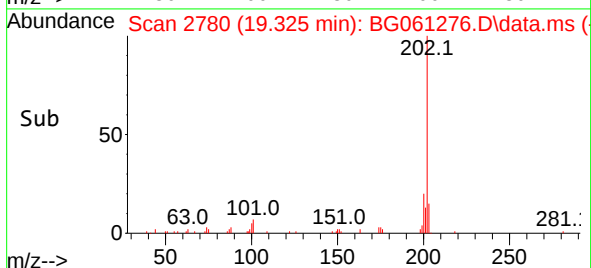
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

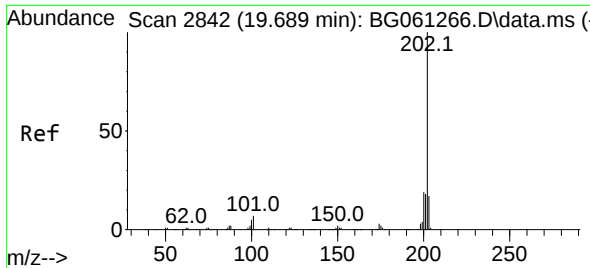


#80
Fluoranthene
Concen: 2.335 ng/ul
RT: 19.325 min Scan# 2780
Delta R.T. -0.003 min
Lab File: BG061276.D
Acq: 23 May 2024 18:10



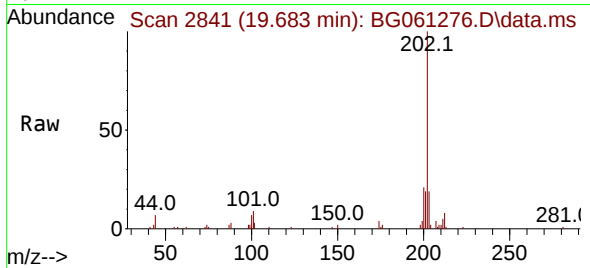
Tgt Ion:202 Resp: 29350
Ion Ratio Lower Upper
202 100
101 6.5 4.8 7.2
100 4.9 4.1 6.1





#82
 Pyrene
 Concen: 2.033 ng/ul
 RT: 19.683 min Scan# 2841
 Delta R.T. -0.003 min
 Lab File: BG061276.D
 Acq: 23 May 2024 18:10

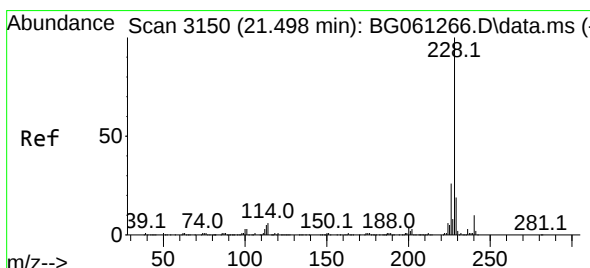
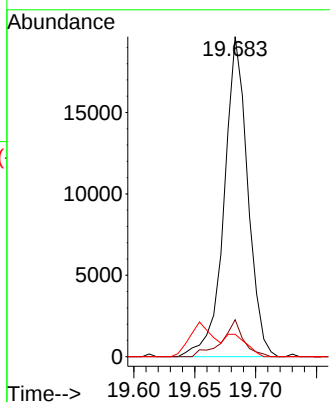
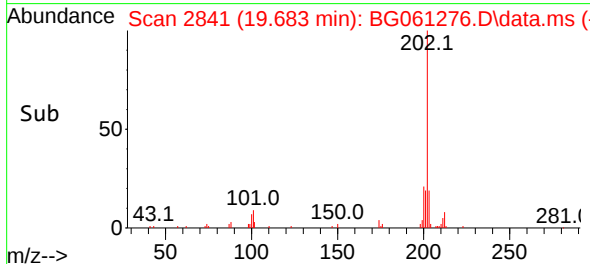
Instrument :
 BNA_G
 ClientSampleId :
 BH5X7



Tgt Ion:202 Resp: 2652
 Ion Ratio Lower Upper
 202 100
 101 11.5 5.7 8.5
 100 7.0 5.1 7.7

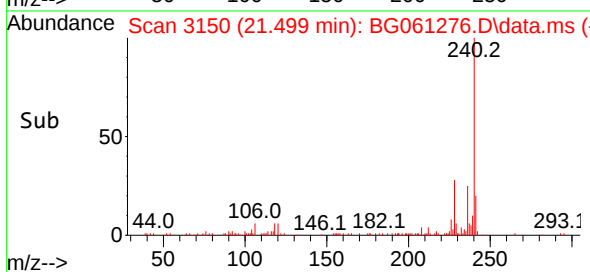
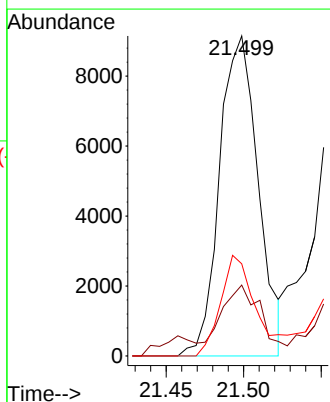
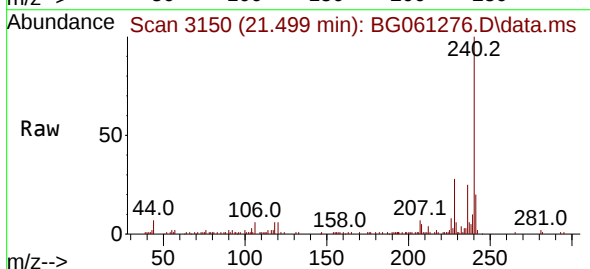
Manual Integrations
 APPROVED

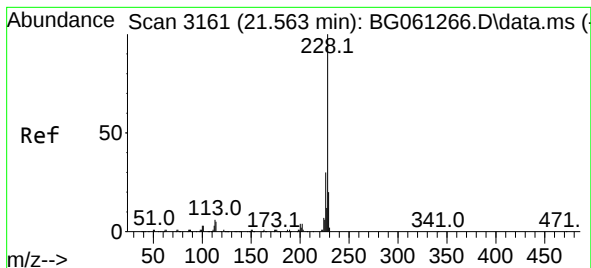
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



#85
 Benzo(a)anthracene
 Concen: 1.125 ng/ul
 RT: 21.499 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: BG061276.D
 Acq: 23 May 2024 18:10

Tgt Ion:228 Resp: 15842
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.2 22.8
 226 28.8 21.4 32.2





#87

Chrysene

Concen: 1.143 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG061276.D

Acq: 23 May 2024 18:10

Instrument :

BNA_G

ClientSampleId :

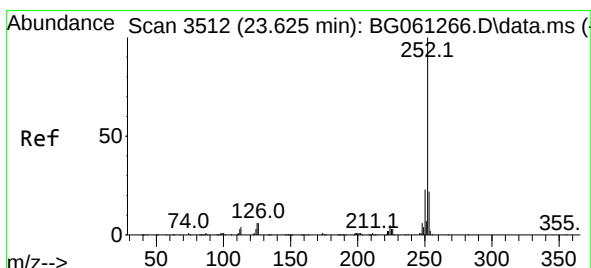
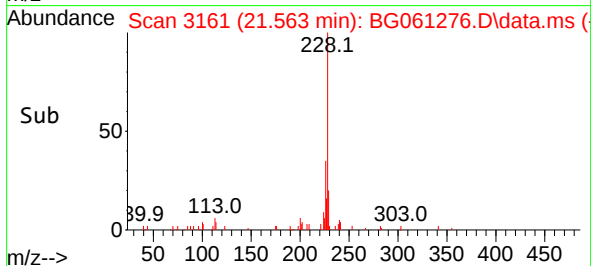
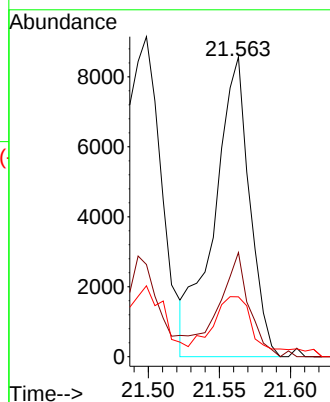
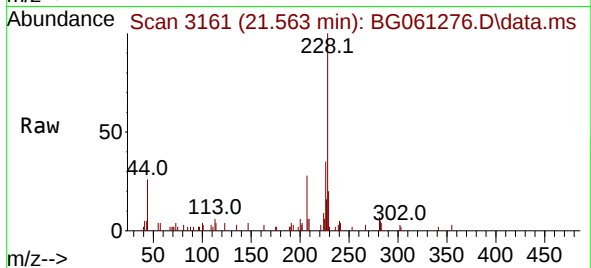
BH5X7

Tgt Ion:	228	Resp:	1482
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	20.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#90

Benzo(b)fluoranthene

Concen: 1.336 ng/ul m

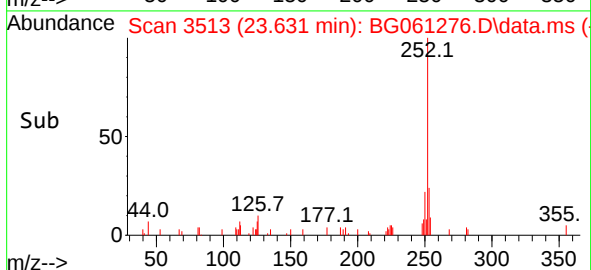
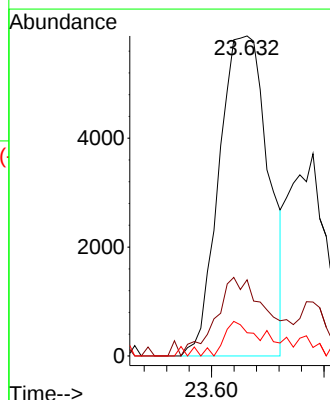
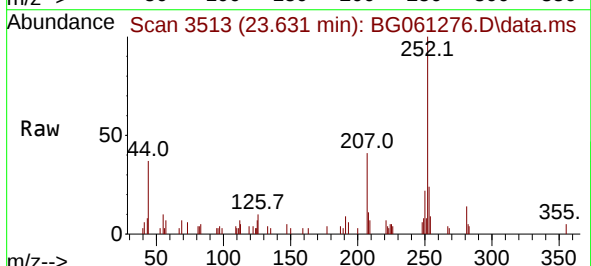
RT: 23.631 min Scan# 3513

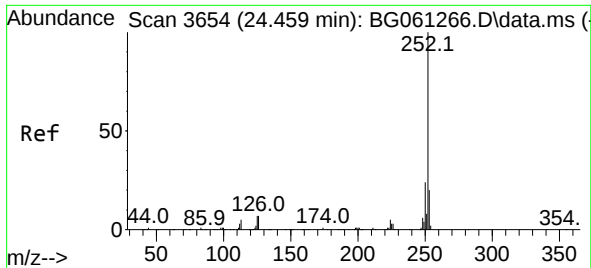
Delta R.T. 0.003 min

Lab File: BG061276.D

Acq: 23 May 2024 18:10

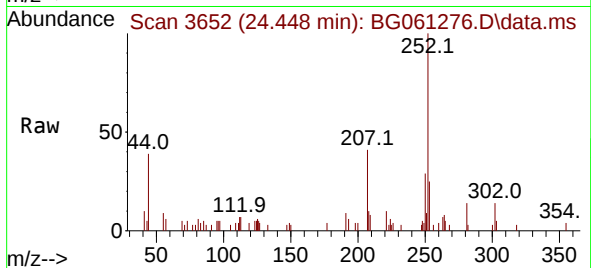
Tgt Ion:	252	Resp:	17905
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	9.6	4.6	6.8





#93
 Benzo(a)pyrene
 Concen: 1.100 ng/ul
 RT: 24.448 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG061276.D
 Acq: 23 May 2024 18:10

Instrument :
 BNA_G
 ClientSampleId :
 BH5X7



Tgt Ion:252 Resp: 1399
 Ion Ratio Lower Upper
 252 100
 253 25.4 16.4 24.6
 125 11.9 4.3 6.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

