

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061930.D
 Acq On : 6 Jul 2024 14:44
 Operator : MA/JU
 Sample : P3010-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 04:55:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	44288	20.000	ng/ul	0.00
20) Naphthalene-d8	10.911	136	224212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	163833	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	382066	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.722	240	333468	20.000	ng/ul	# 0.00
88) Perylene-d12	24.959	264	406400	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.485	96	3858	3.274	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.245	99	104005	21.459	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	61152	19.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.627	132	75391	22.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.796	113	82159	21.530	ng/ul	0.00
21) Nitrobenzene-d5	9.260	128	40511	23.757	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	45074	23.147	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	90691	24.145	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	67666m	12.409	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	323198	23.995	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	348905	24.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	51532	23.957	ng/ul	0.00
60) Fluorene-d10	15.706	176	285577	25.185	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	48530	24.186	ng/ul	0.00
73) Anthracene-d10	17.556	188	427153	23.946	ng/ul	0.00
81) Pyrene-d10	19.836	212	434971	22.176	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.742	264	328855	16.316	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.503	178	30278	1.503	ng/ul	Qvalue 94
80) Fluoranthene	19.507	202	72571	3.126	ng/ul#	97
82) Pyrene	19.865	202	48500	2.023	ng/ul#	96
85) Benzo(a)anthracene	21.699	228	35474m	1.469	ng/ul	
87) Chrysene	21.763	228	40102m	1.774	ng/ul	
90) Benzo(b)fluoranthene	23.925	252	53333	2.083	ng/ul#	75

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

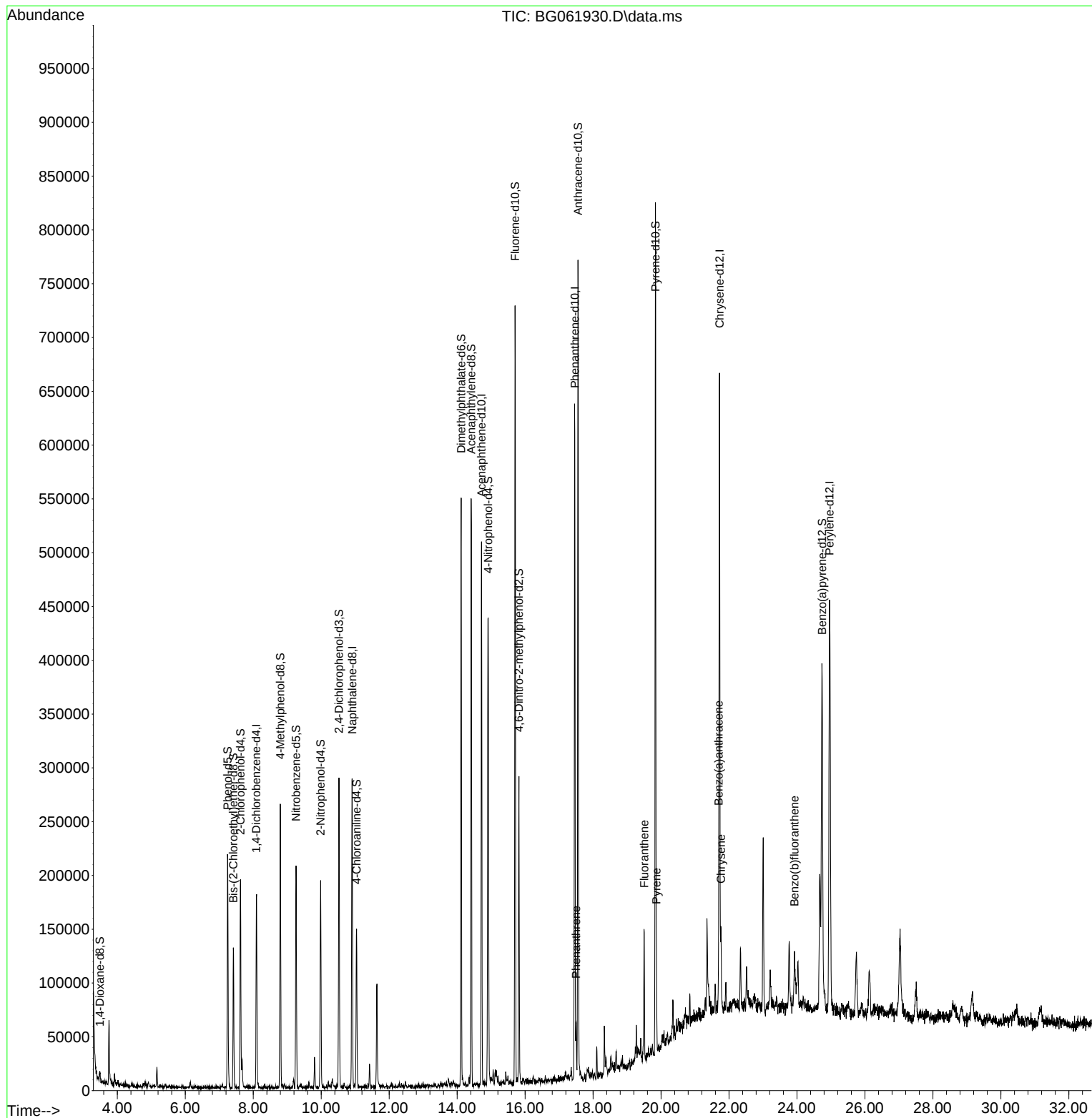
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061930.D
Acq On : 6 Jul 2024 14:44
Operator : MA/JU
Sample : P3010-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

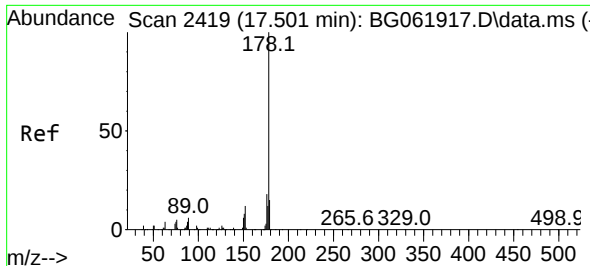
Instrument :
BNA_G
ClientSampleId :
A4B69

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

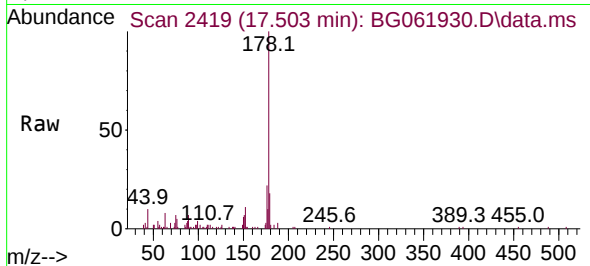
Quant Time: Jul 08 04:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.503 ng/ul
RT: 17.503 min Scan# 2419
Delta R.T. -0.003 min
Lab File: BG061930.D
Acq: 6 Jul 2024 14:44

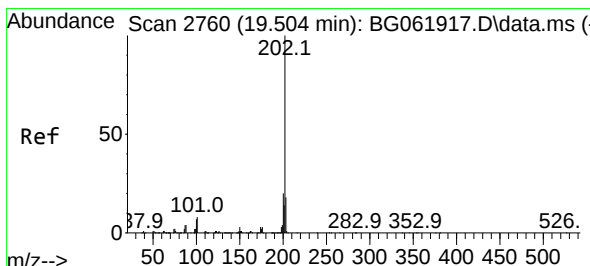
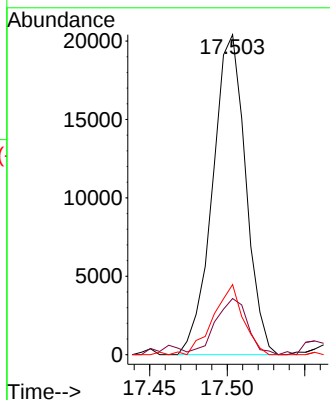
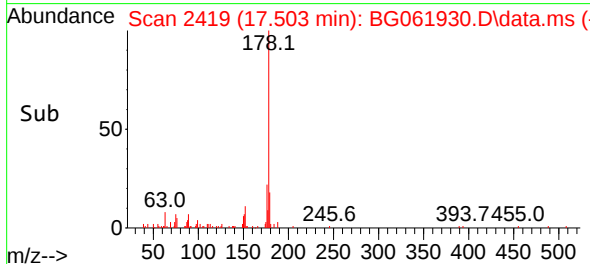
Instrument :
BNA_G
ClientSampleId :
A4B69



Tgt Ion:178 Resp: 30278
Ion Ratio Lower Upper
178 100
179 17.5 11.9 17.9
176 21.9 15.5 23.3

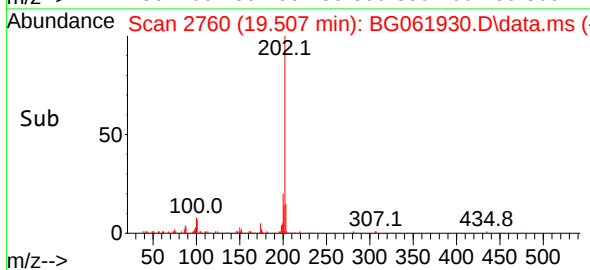
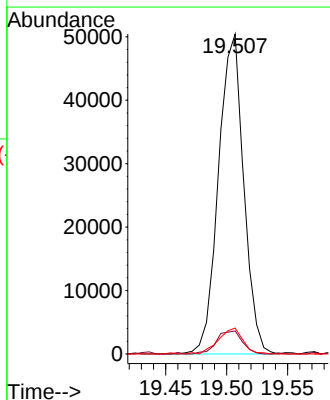
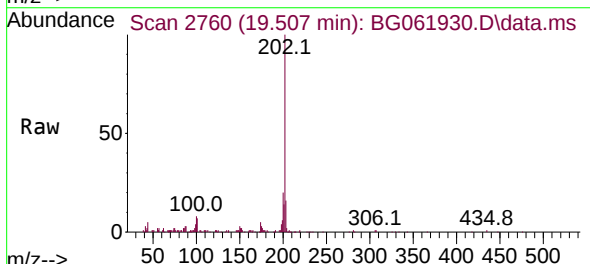
Manual Integrations
APPROVED

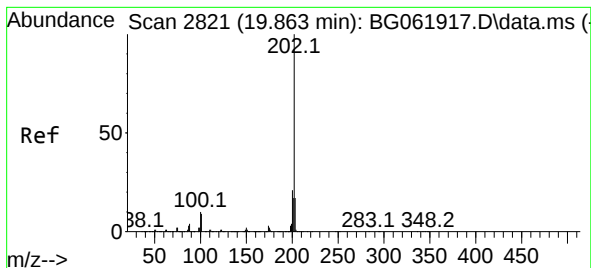
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#80
Fluoranthene
Concen: 3.126 ng/ul
RT: 19.507 min Scan# 2760
Delta R.T. 0.003 min
Lab File: BG061930.D
Acq: 6 Jul 2024 14:44

Tgt Ion:202 Resp: 72571
Ion Ratio Lower Upper
202 100
101 7.2 7.4 11.2#
100 8.1 6.6 10.0





#82

Pyrene

Concen: 2.023 ng/ul

RT: 19.865 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061930.D

Acq: 6 Jul 2024 14:44

Instrument :

BNA_G

ClientSampleId :

A4B69

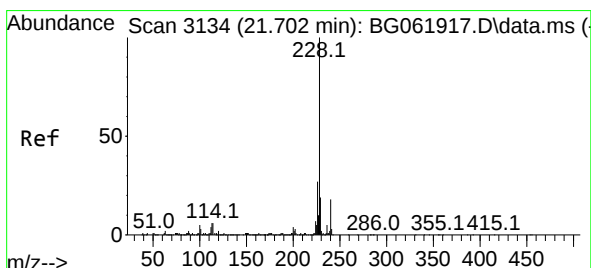
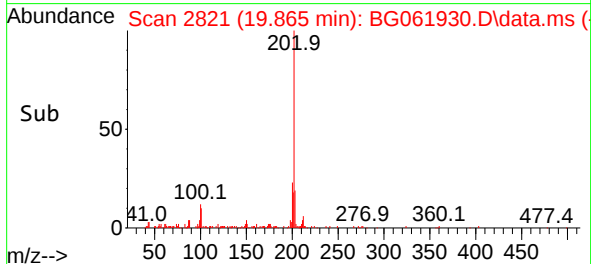
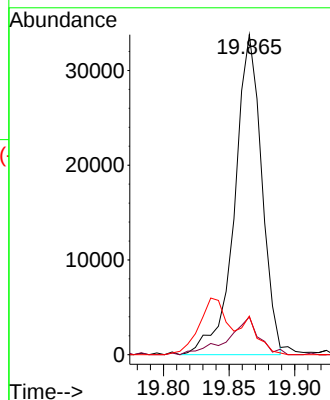
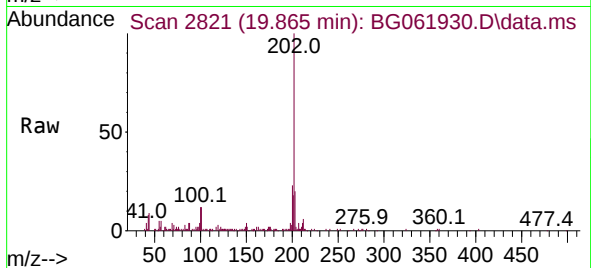
Tgt Ion:	202	Resp:	48500
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.8	13.2
100	12.1	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#85

Benzo(a)anthracene

Concen: 1.469 ng/ul m

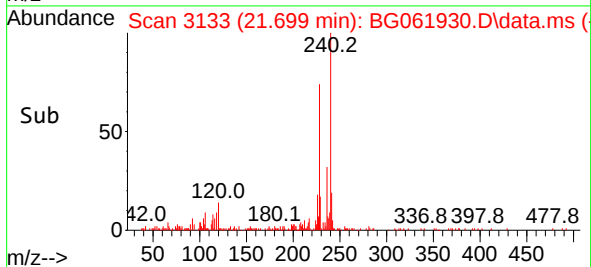
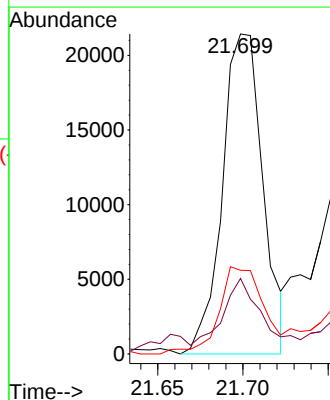
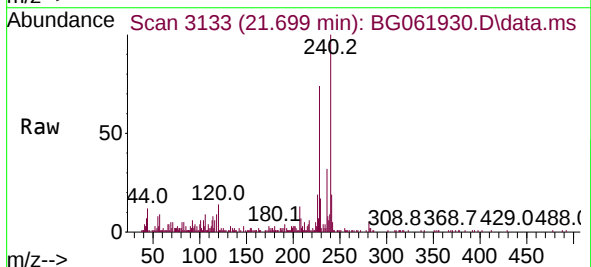
RT: 21.699 min Scan# 3133

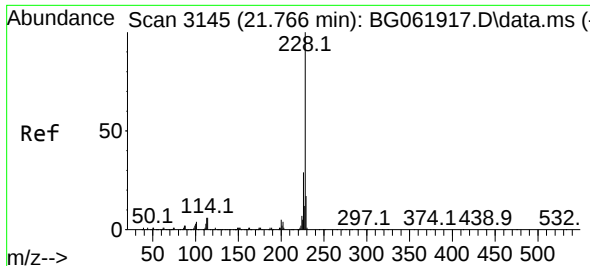
Delta R.T. -0.003 min

Lab File: BG061930.D

Acq: 6 Jul 2024 14:44

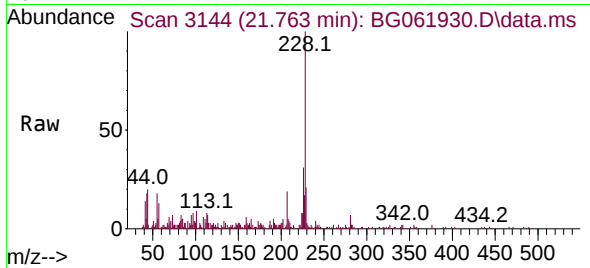
Tgt Ion:	228	Resp:	35474
Ion Ratio	Lower	Upper	
228	100		
229	23.6	15.7	23.5
226	26.2	21.7	32.5





#87
Chrysene
Concen: 1.774 ng/ul m
RT: 21.763 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG061930.D
Acq: 6 Jul 2024 14:44

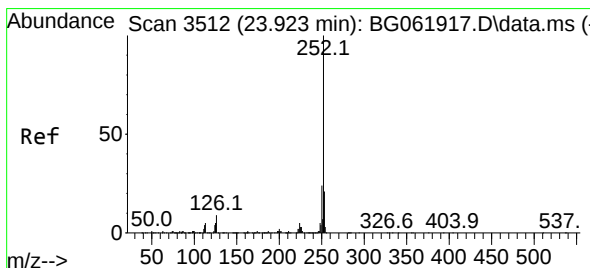
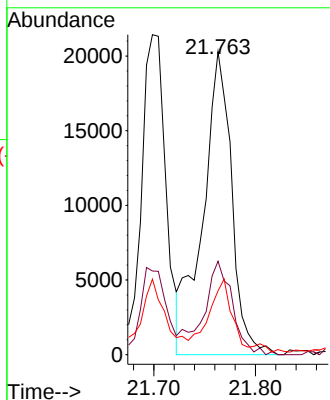
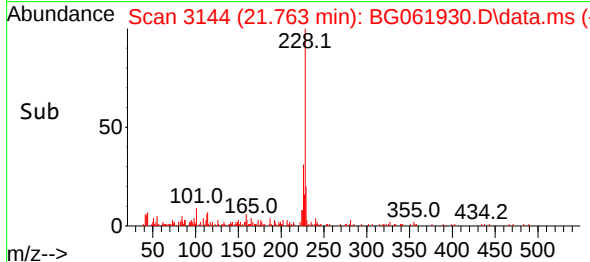
Instrument :
BNA_G
ClientSampleId :
A4B69



Tgt Ion:228 Resp: 4010
Ion Ratio Lower Upper
228 100
226 30.8 23.3 34.9
229 21.1 15.5 23.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#90
Benzo(b)fluoranthene
Concen: 2.083 ng/ul
RT: 23.925 min Scan# 3512
Delta R.T. -0.009 min
Lab File: BG061930.D
Acq: 6 Jul 2024 14:44

Tgt Ion:252 Resp: 53333
Ion Ratio Lower Upper
252 100
253 30.3 17.2 25.8#
125 22.1 6.1 9.1#

