

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061400.D
 Acq On : 31 May 2024 19:34
 Operator : MA/JU
 Sample : P2588-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 22:54:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

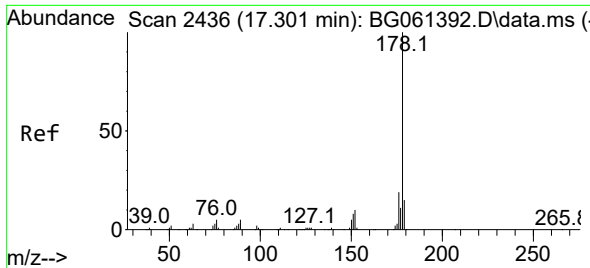
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	24592	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	95138	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	75776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	183007	20.000	ng/u1	0.00
79) Chrysene-d12	21.507	240	184498	20.000	ng/u1	0.00
88) Perylene-d12	24.592	264	211334	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2132	4.852	ng/uL	0.00
4) Pyridine-d5	3.740	84	18797	12.024	ng/u1	0.00
7) Phenol-d5	7.054	99	38523	19.075	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	25289	19.923	ng/u1	0.00
11) 2-Chlorophenol-d4	7.406	132	30859	20.647	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	19028	11.050	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	16293	22.243	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	19250	22.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	36399	21.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.802	131	14801	6.769	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	128488	21.863	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	143712	23.521	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	12270	16.887	ng/u1	0.01
60) Fluorene-d10	15.503	176	119329	23.518	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18588	16.793	ng/u1	0.00
73) Anthracene-d10	17.353	188	193576	23.992	ng/u1	0.00
81) Pyrene-d10	19.651	212	235666	24.877	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.380	264	247737	24.383	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.300	178	71792	8.083	ng/u1	99
77) Carbazole	17.659	167	7576	1.014	ng/u1	99
80) Fluoranthene	19.316	202	190832	16.792	ng/u1	99
82) Pyrene	19.680	202	176327	14.948	ng/u1	99
83) Butylbenzylphthalate	20.567	149	7808	1.927	ng/u1	93
85) Benzo(a)anthracene	21.490	228	95930	7.535	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.402	149	49308	8.220	ng/u1#	96
87) Chrysene	21.554	228	114132m	9.737	ng/u1	
90) Benzo(b)fluoranthene	23.622	252	156883	12.468	ng/u1	97
91) Benzo(k)fluoranthene	23.675	252	48293m	3.781	ng/u1	
93) Benzo(a)pyrene	24.451	252	96599	8.085	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	28.082	276	76327	5.283	ng/u1#	92
95) Dibenzo(a,h)anthracene	28.111	278	20816m	1.747	ng/u1	
96) Benzo(g,h,i)perylene	29.175	276	69188m	6.019	ng/u1	

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

Manual Integrations

Quant Time: May 31 22:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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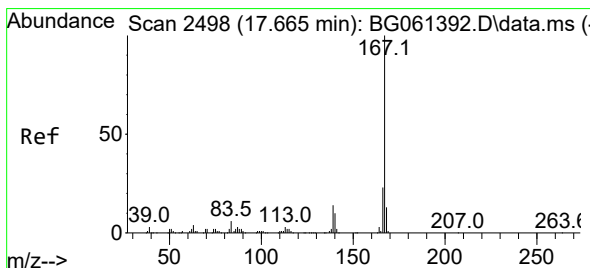
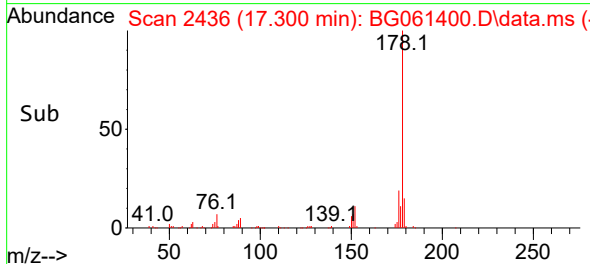
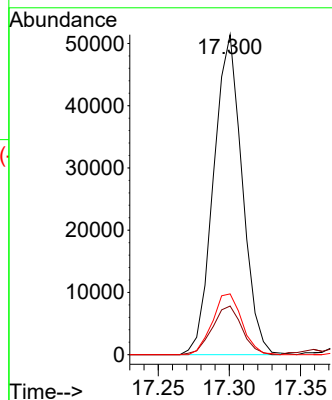
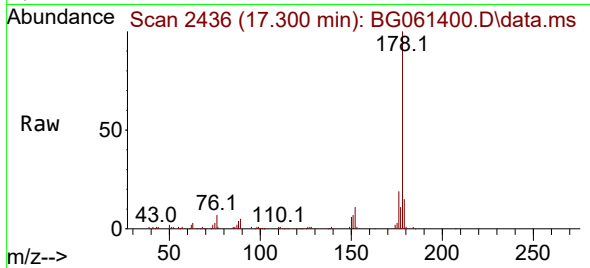
#72
Phenanthrene
Concen: 8.083 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:178 Resp: 71792
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.0 15.5 23.3

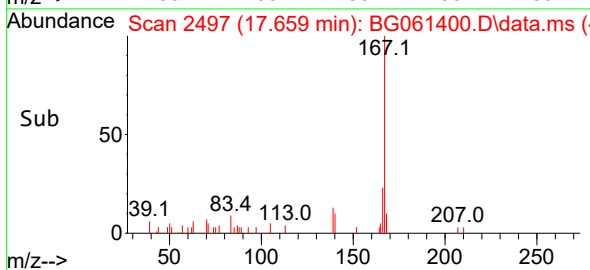
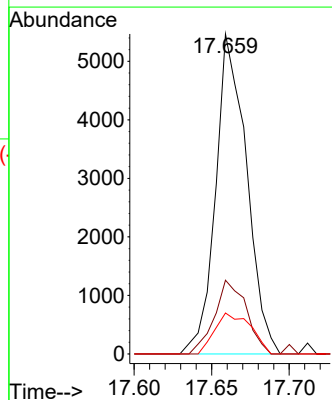
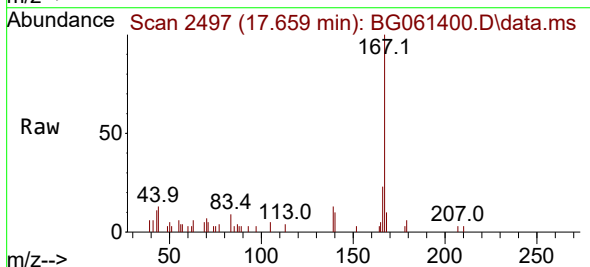
Manual Integrations
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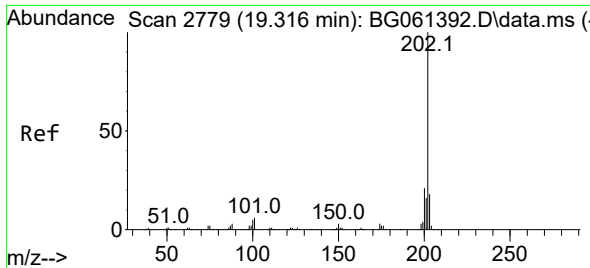
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#77
Carbazole
Concen: 1.014 ng/ul
RT: 17.659 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

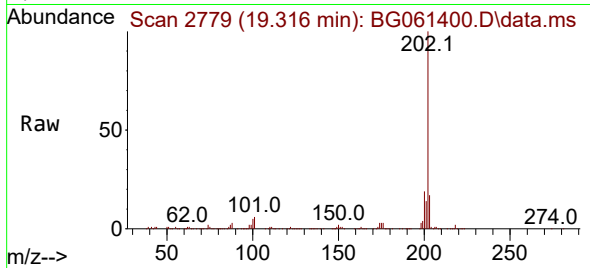
Tgt Ion:167 Resp: 7576
Ion Ratio Lower Upper
167 100
166 23.0 18.6 28.0
139 12.8 10.6 15.8





#80
Fluoranthene
Concen: 16.792 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

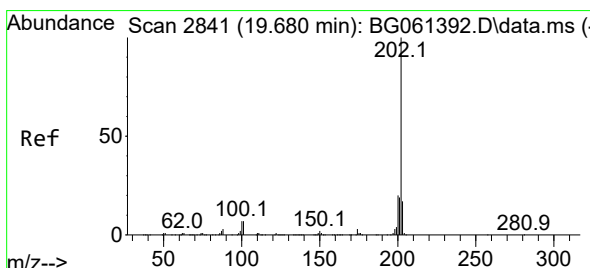
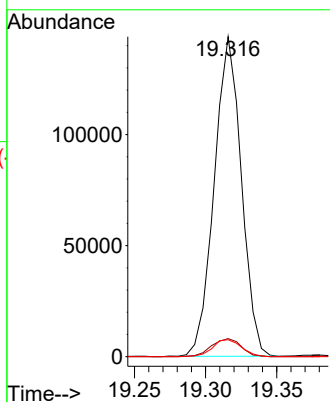
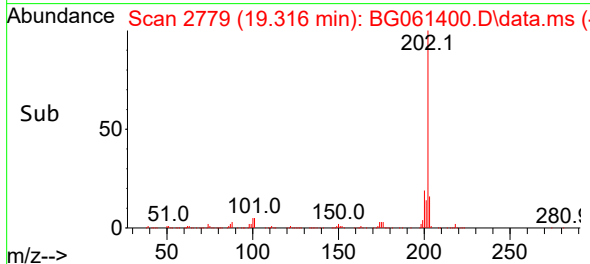
Instrument :
BNA_G
ClientSampleId :
BH5T8



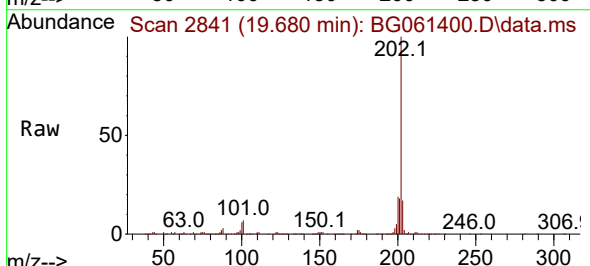
Tgt Ion:202 Resp: 190832
Ion Ratio Lower Upper
202 100
101 5.6 4.8 7.2
100 5.3 4.1 6.1

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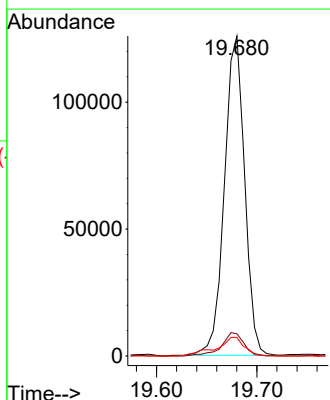
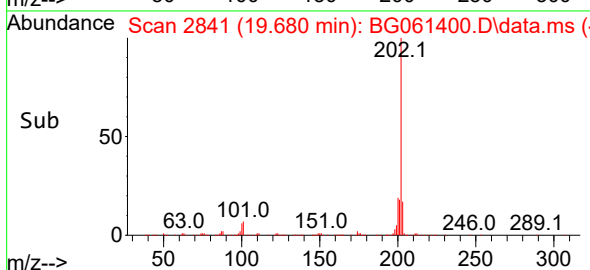
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

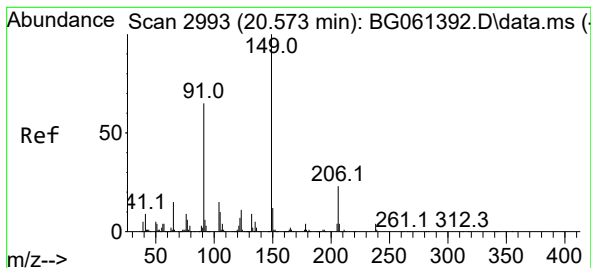


#82
Pyrene
Concen: 14.948 ng/ul
RT: 19.680 min Scan# 2841
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34



Tgt Ion:202 Resp: 176327
Ion Ratio Lower Upper
202 100
101 6.9 5.7 8.5
100 5.8 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.927 ng/ul

RT: 20.567 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

Instrument :

BNA_G

ClientSampleId :

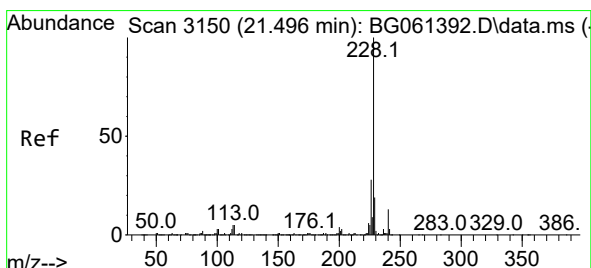
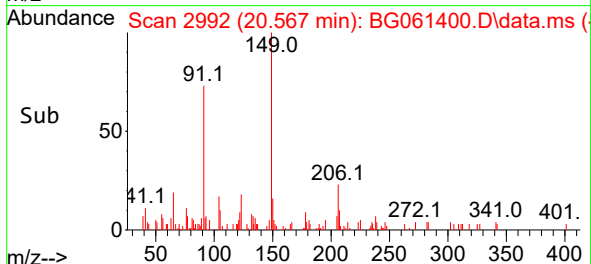
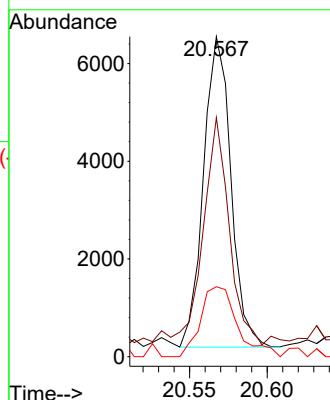
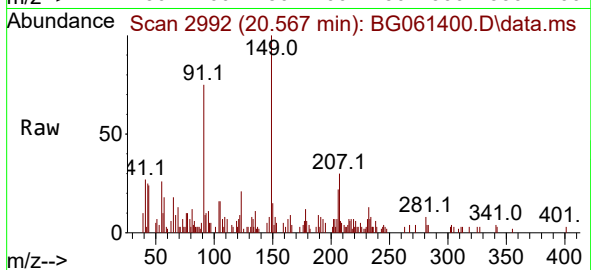
BH5T8

Tgt Ion:	149	Resp:	7808
Ion Ratio	Lower	Upper	
149	100		
91	74.7	54.8	82.2
206	21.8	19.4	29.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#85

Benzo(a)anthracene

Concen: 7.535 ng/ul

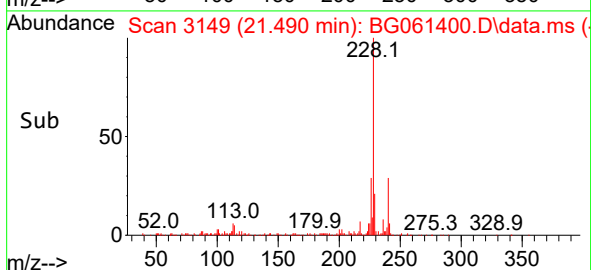
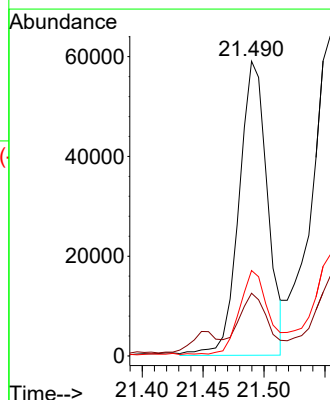
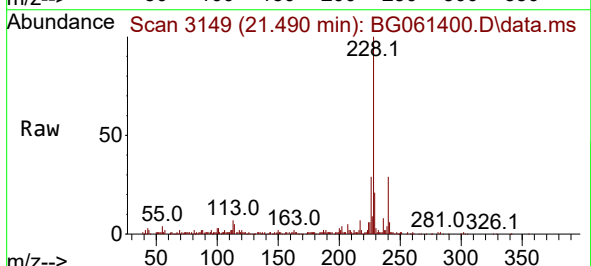
RT: 21.490 min Scan# 3149

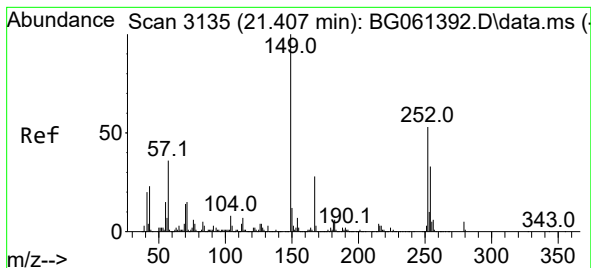
Delta R.T. -0.005 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

Tgt Ion:	228	Resp:	95930
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.2	22.8
226	29.0	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.220 ng/ul

RT: 21.402 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

Instrument :

BNA_G

ClientSampleId :

BH5T8

Tgt Ion:149 Resp: 49308

Ion Ratio Lower Upper

149 100

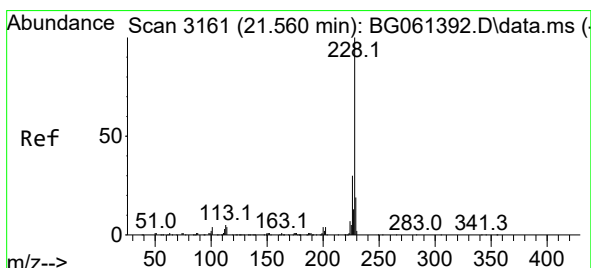
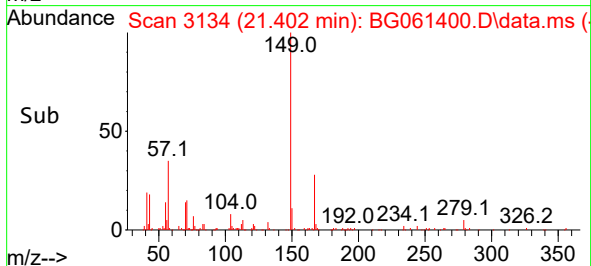
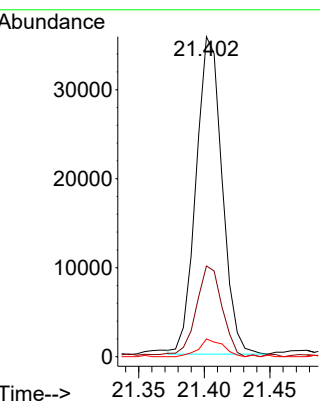
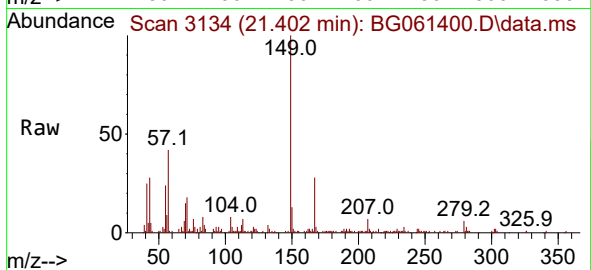
167 28.4 21.1 31.7

279 5.5 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#87

Chrysene

Concen: 9.737 ng/ul m

RT: 21.554 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

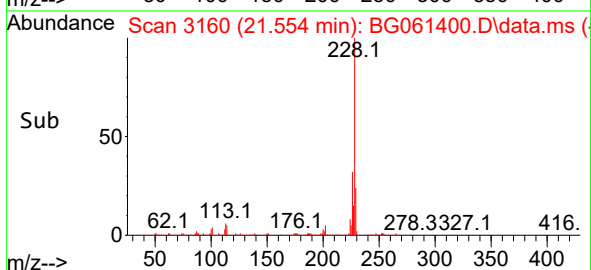
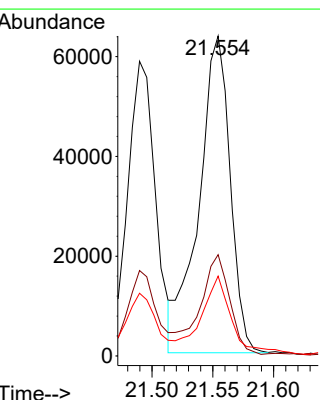
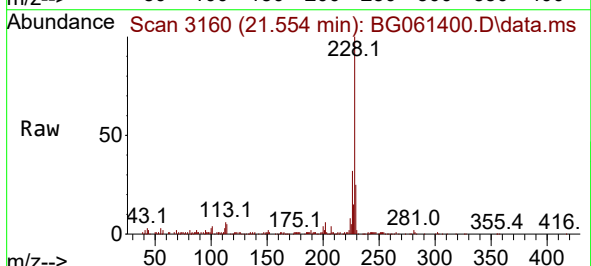
Tgt Ion:228 Resp: 114132

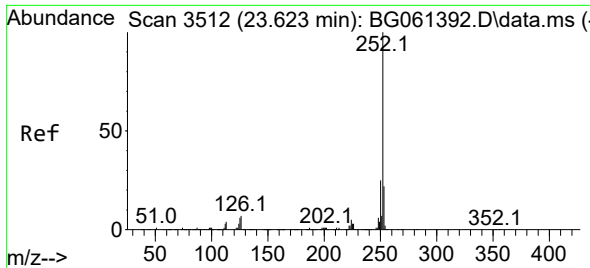
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

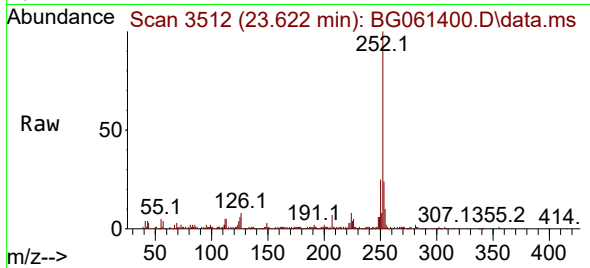
229 24.9 15.4 23.2#





#90
Benzo(b)fluoranthene
Concen: 12.468 ng/ul
RT: 23.622 min Scan# 3512
Delta R.T. 0.007 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

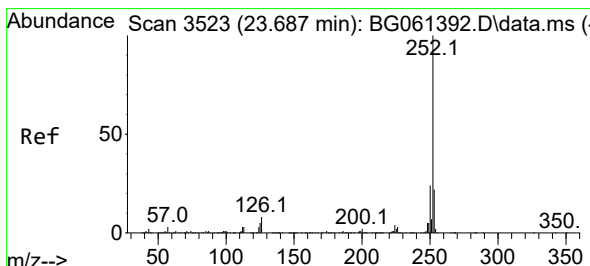
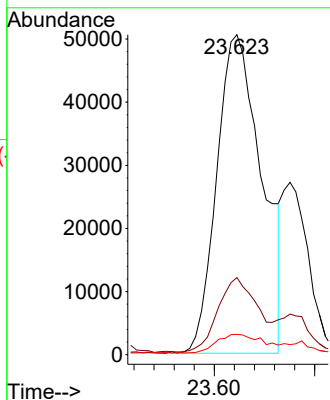
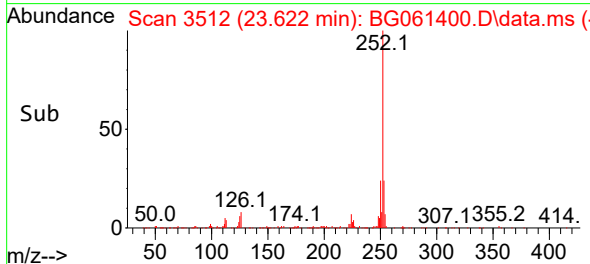
Instrument :
BNA_G
ClientSampleId :
BH5T8



Tgt Ion:252 Resp: 15688
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 6.3 4.6 6.8

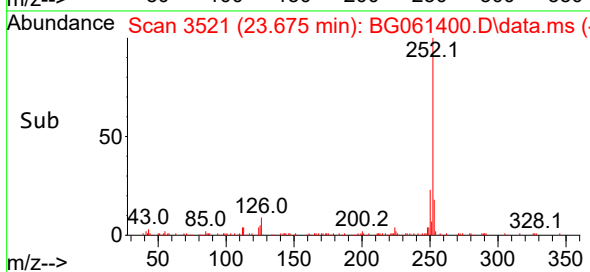
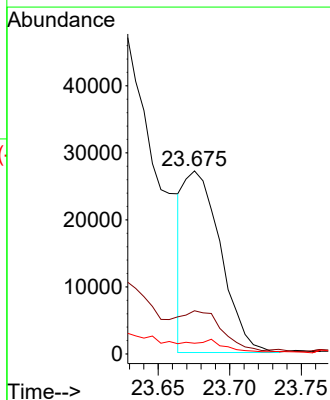
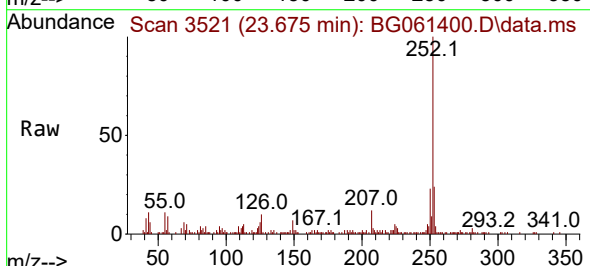
Manual Integrations
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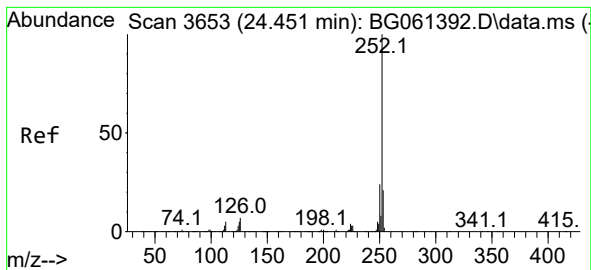
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#91
Benzo(k)fluoranthene
Concen: 3.781 ng/ul m
RT: 23.675 min Scan# 3521
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

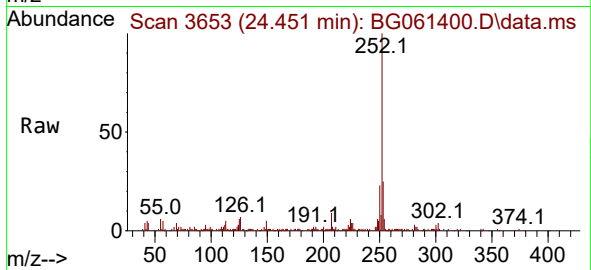
Tgt Ion:252 Resp: 48293
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 5.9 4.3 6.5





#93
Benzo(a)pyrene
Concen: 8.085 ng/ul
RT: 24.451 min Scan# 3653
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

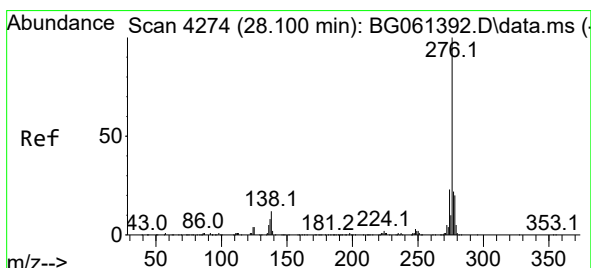
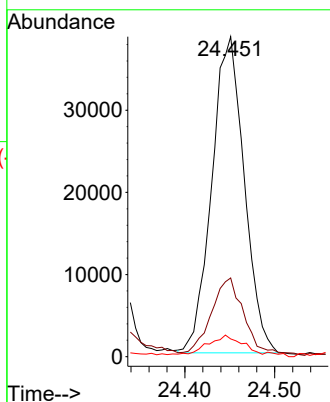
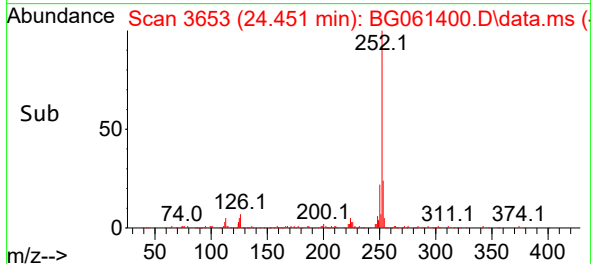
Instrument :
BNA_G
ClientSampleId :
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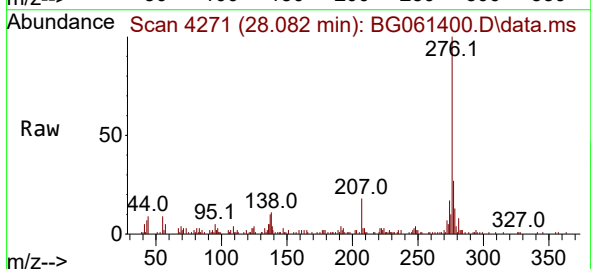
Tgt Ion:252 Resp: 96599
Ion Ratio Lower Upper
252 100
253 24.6 16.4 24.6
125 5.5 4.3 6.5

Manual Integrations
APPROVED

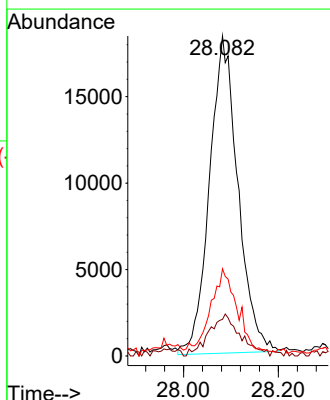
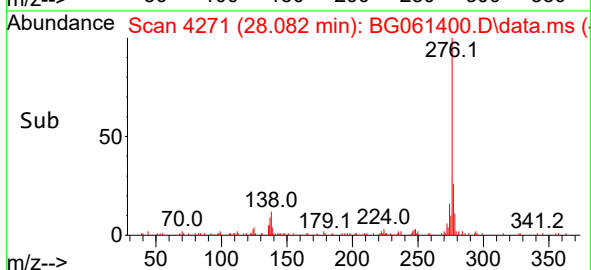
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

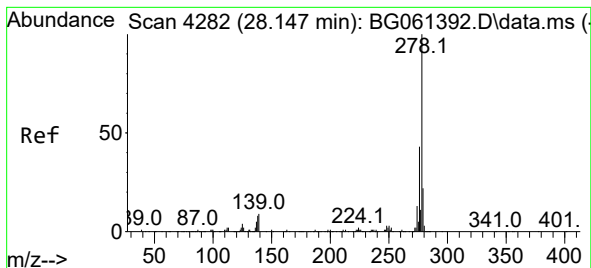


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.283 ng/ul
RT: 28.082 min Scan# 4271
Delta R.T. -0.011 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34



Tgt Ion:276 Resp: 76327
Ion Ratio Lower Upper
276 100
138 15.8 8.6 13.0#
277 27.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.747 ng/ul m

RT: 28.111 min Scan# 4276

Delta R.T. -0.028 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

Instrument :

BNA_G

ClientSampleId :

BH5T8

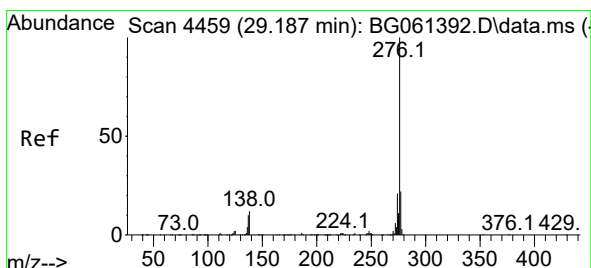
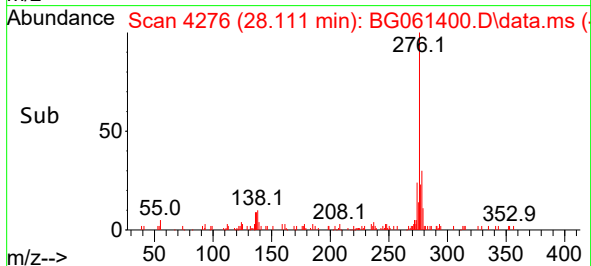
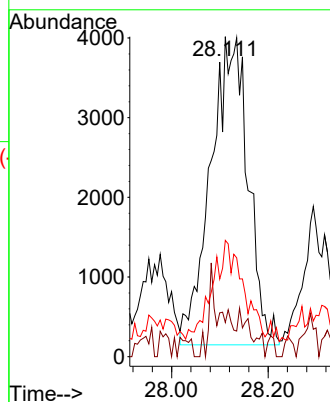
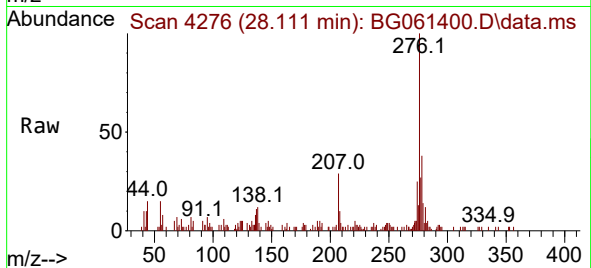
Tgt Ion:278 Resp: 20810

Ion	Ratio	Lower	Upper
278	100		
139	10.7	6.4	9.6
279	36.3	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#96

Benzo(g,h,i)perylene

Concen: 6.019 ng/ul m

RT: 29.175 min Scan# 4457

Delta R.T. 0.001 min

Lab File: BG061400.D

Acq: 31 May 2024 19:34

Tgt Ion:276 Resp: 69188

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.7	13.1
277	26.7	18.2	27.2

