

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061347.D
 Acq On : 30 May 2024 4:19
 Operator : MA/JU
 Sample : P2548-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH617

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 04:53:34 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	7.883	152	25082	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	104642	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	78649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	173414	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.514	240	180975	20.000	ng/u1	0.00
88) Perylene-d12	24.599	264	205020	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2537	5.661	ng/uL	0.00
4) Pyridine-d5	3.747	84	43158	27.067	ng/u1	0.00
7) Phenol-d5	7.066	99	69408	33.697	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	43713	33.765	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	55583	36.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	61015	34.740	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	30630	38.018	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	35591	37.746	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.304	165	70406	38.301	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.809	131	79345	32.993	ng/u1	-0.01
46) Dimethylphthalate-d6	13.923	166	232740	38.155	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	260138	41.021	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	25496	33.808	ng/u1	0.00
60) Fluorene-d10	15.509	176	203767	38.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	29446	28.075	ng/u1	0.00
73) Anthracene-d10	17.360	188	319300	41.764	ng/u1	0.00
81) Pyrene-d10	19.657	212	376863	40.557	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	408363	41.431	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	40876	4.856	ng/u1	97
80) Fluoranthene	19.322	202	127656	11.452	ng/u1	99
82) Pyrene	19.681	202	121206	10.475	ng/u1	98
85) Benzo(a)anthracene	21.496	228	72132	5.776	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	14282	2.427	ng/u1	94
87) Chrysene	21.555	228	78538	6.830	ng/u1	97
90) Benzo(b)fluoranthene	23.623	252	106408	8.717	ng/u1	98
91) Benzo(k)fluoranthene	23.676	252	38687m	3.122	ng/u1	
93) Benzo(a)pyrene	24.452	252	72958	6.294	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.089	276	54304m	3.874	ng/u1	
95) Dibenzo(a,h)anthracene	28.124	278	14688m	1.271	ng/u1	
96) Benzo(g,h,i)perylene	29.176	276	49721m	4.459	ng/u1	

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

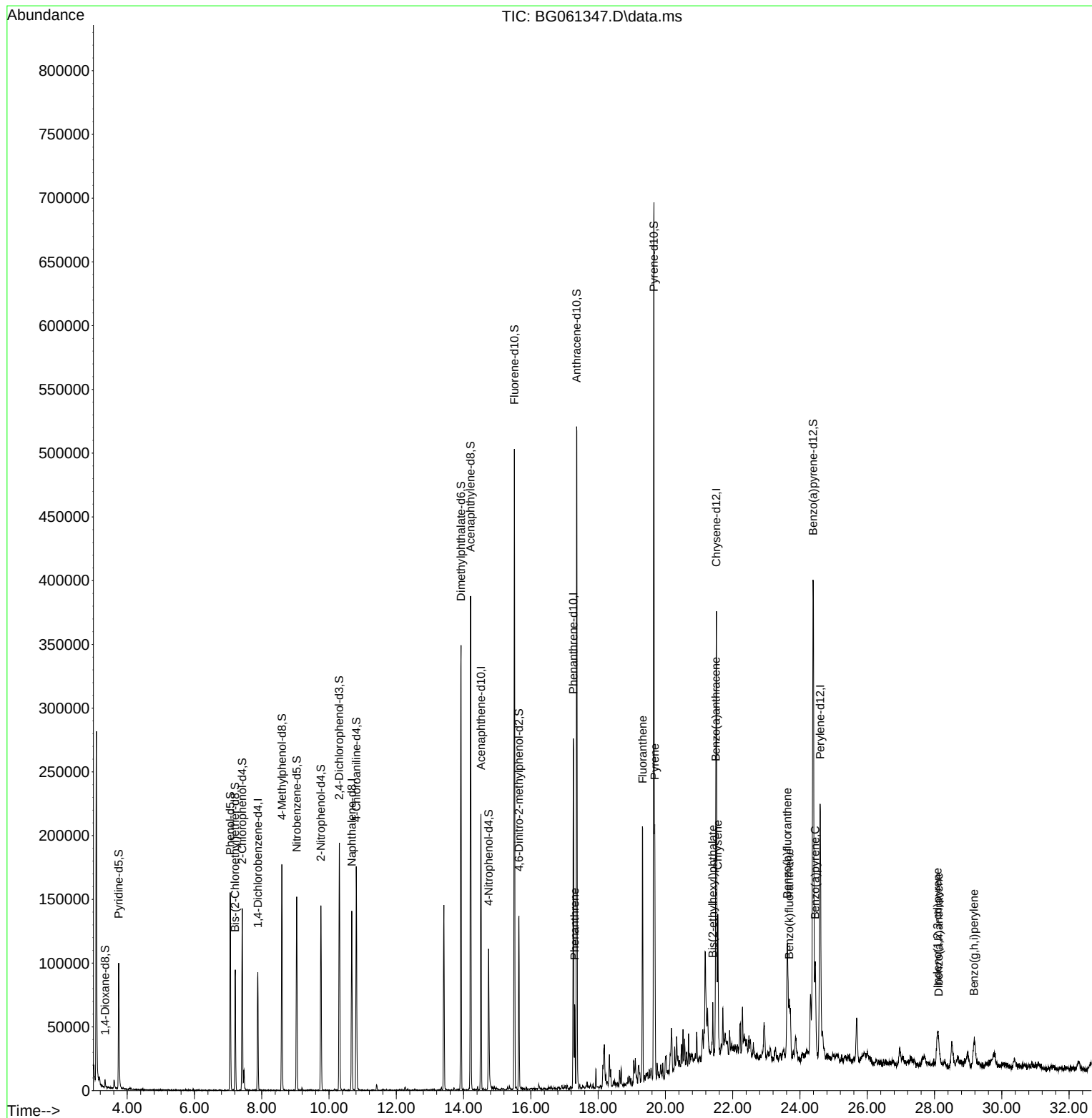
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061347.D
Acq On : 30 May 2024 4:19
Operator : MA/JU
Sample : P2548-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

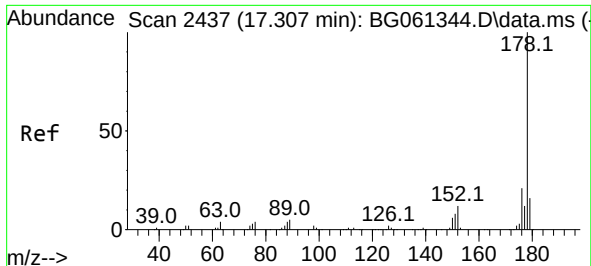
Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 30 04:53:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

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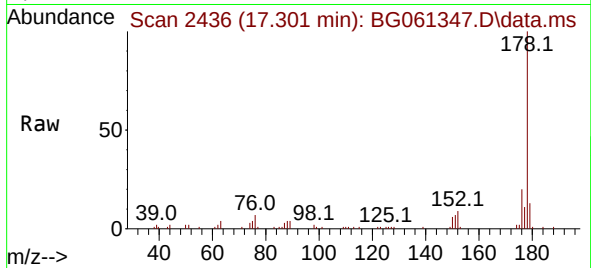
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024





#72
Phenanthrene
Concen: 4.856 ng/uI
RT: 17.301 min Scan# 2436
Delta R.T. -0.012 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19

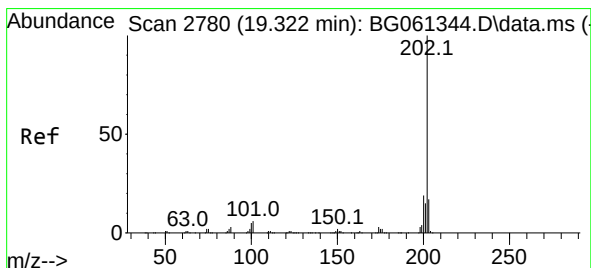
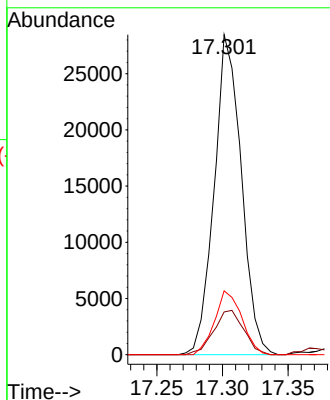
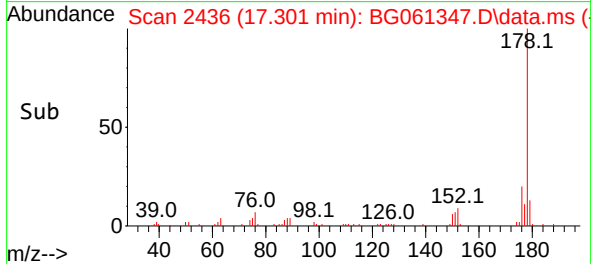
Instrument :
BNA_G
ClientSampleId :
BH617



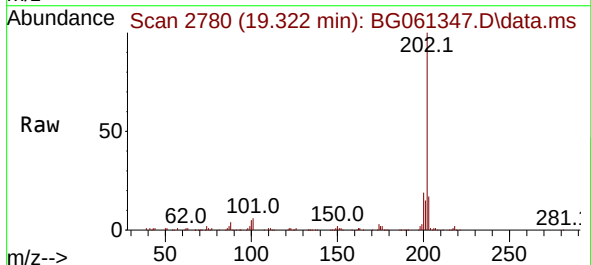
Tgt Ion:178 Resp: 40870
Ion Ratio Lower Upper
178 100
179 13.3 12.7 19.1
176 19.9 15.5 23.3

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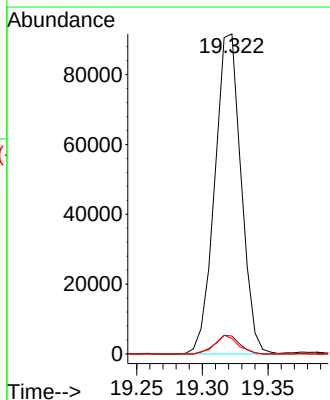
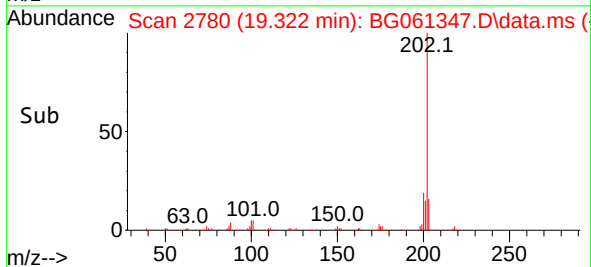
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

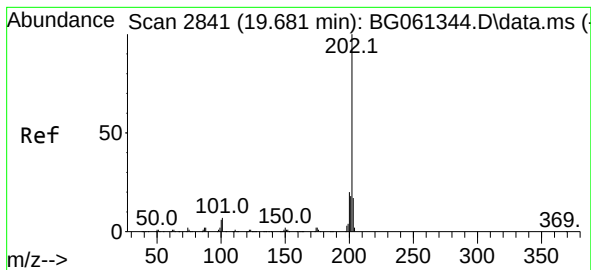


#80
Fluoranthene
Concen: 11.452 ng/uI
RT: 19.322 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19



Tgt Ion:202 Resp: 127656
Ion Ratio Lower Upper
202 100
101 5.6 4.8 7.2
100 4.8 4.1 6.1





#82

Pyrene

Concen: 10.475 ng/ul

RT: 19.681 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

Instrument :

BNA_G

ClientSampleId :

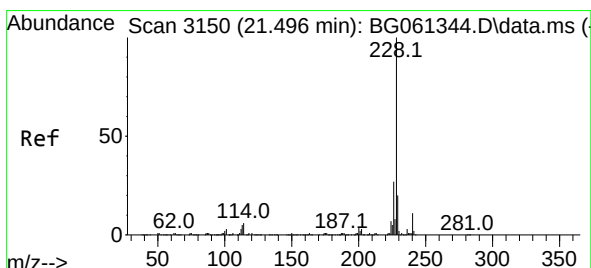
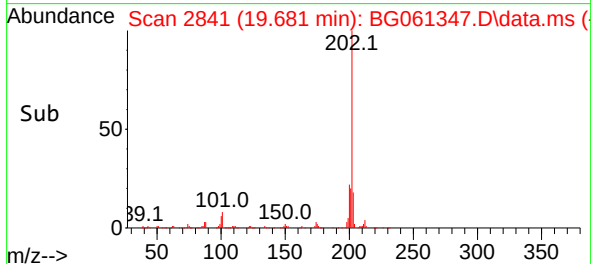
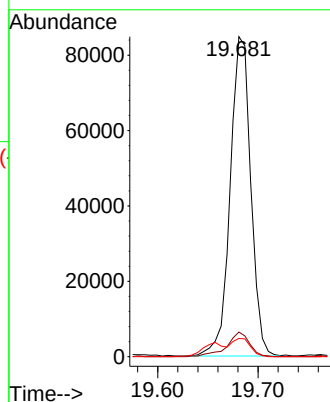
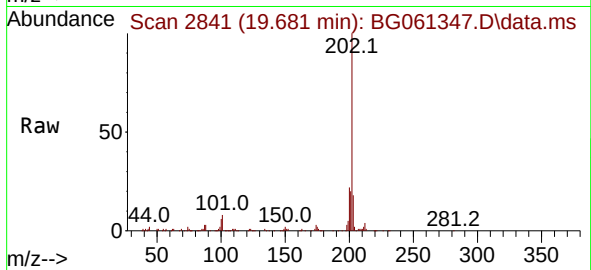
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Tgt Ion:	202	Resp:	121200
Ion Ratio	Lower	Upper	
202	100		
101	7.7	5.7	8.5
100	5.7	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 5.776 ng/ul

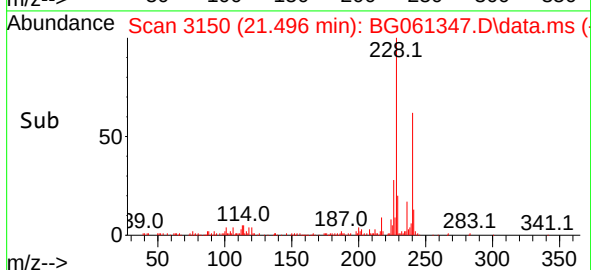
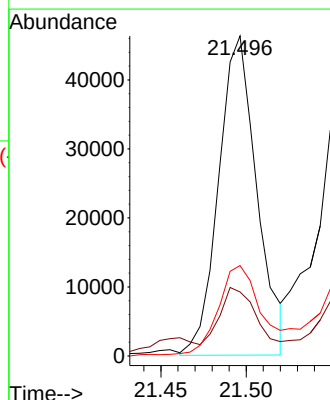
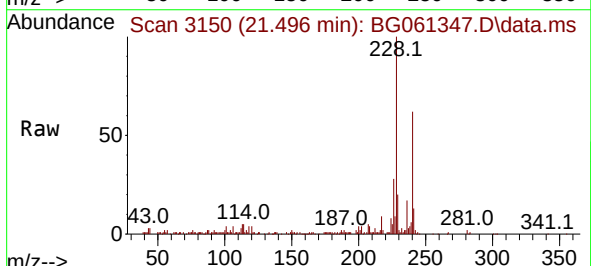
RT: 21.496 min Scan# 3150

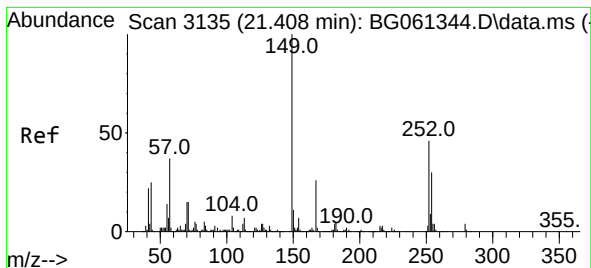
Delta R.T. -0.006 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

Tgt Ion:	228	Resp:	72132
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.2	22.8
226	28.3	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.427 ng/ul

RT: 21.408 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

Instrument :

BNA_G

ClientSampleId :

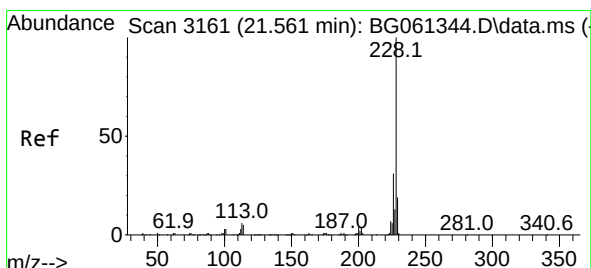
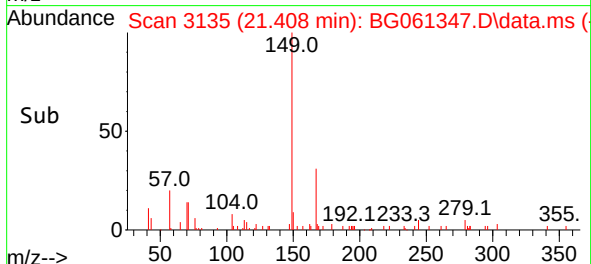
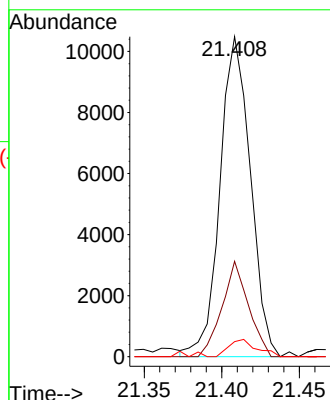
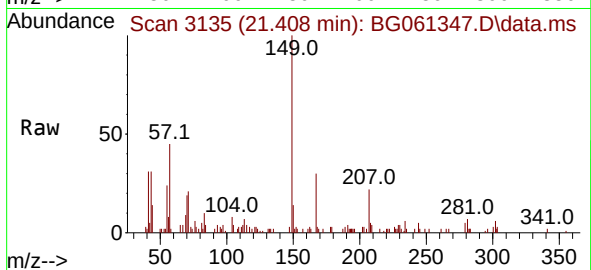
BH617

Tgt Ion:149 Resp: 1428
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.1 31.7
 279 4.7 3.3 4.9

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#87

Chrysene

Concen: 6.830 ng/ul

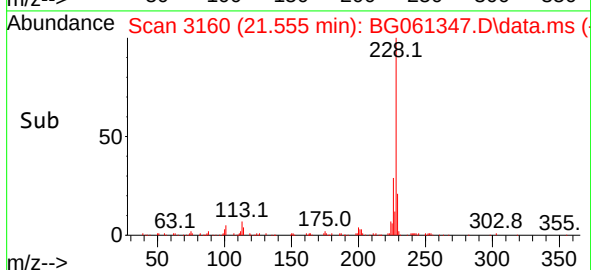
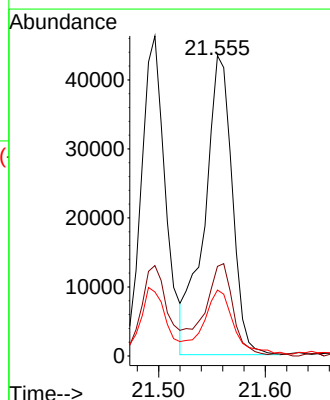
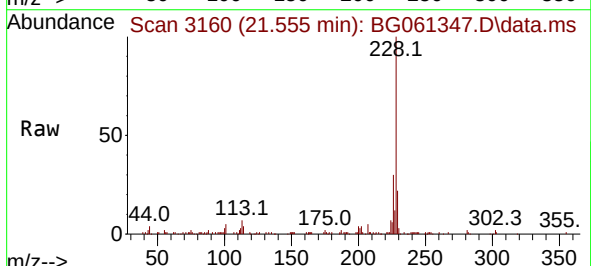
RT: 21.555 min Scan# 3160

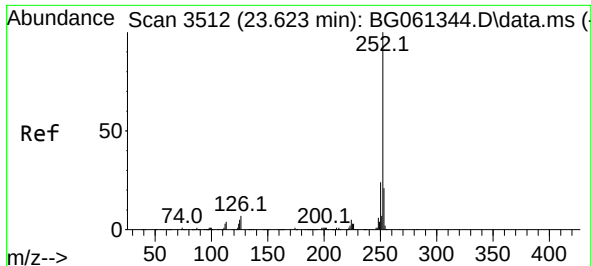
Delta R.T. -0.012 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

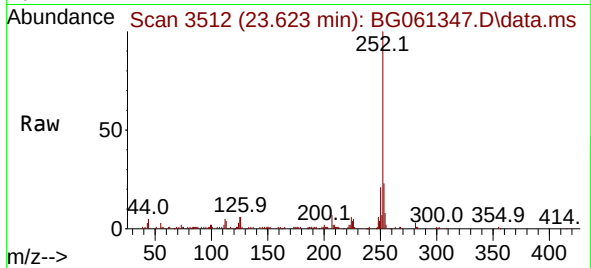
Tgt Ion:228 Resp: 78538
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.4 35.0
 229 21.9 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 8.717 ng/ul
RT: 23.623 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19

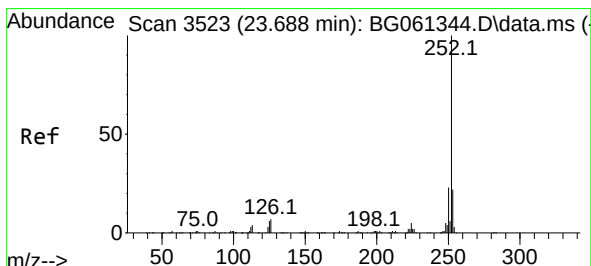
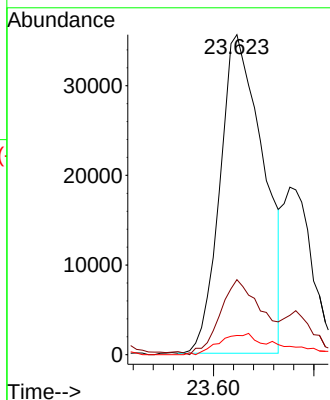
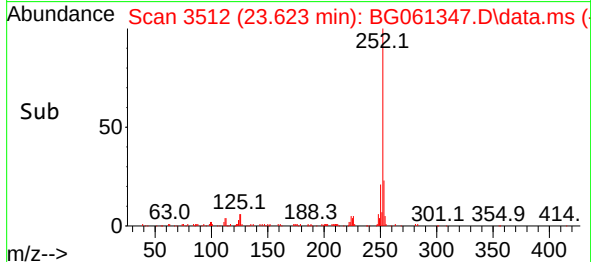
Instrument :
BNA_G
ClientSampleId :
BH617



Tgt Ion:252 Resp: 106408
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 6.0 4.6 6.8

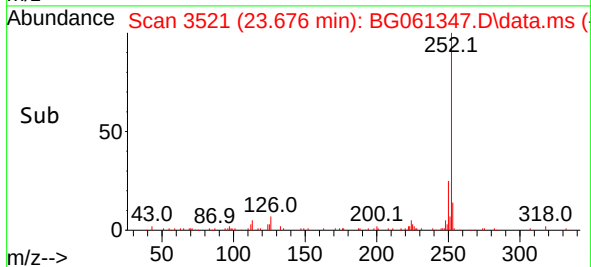
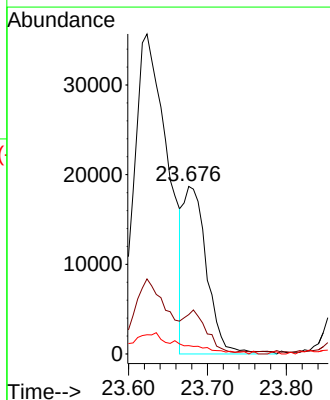
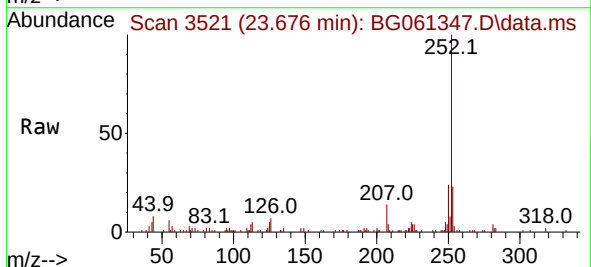
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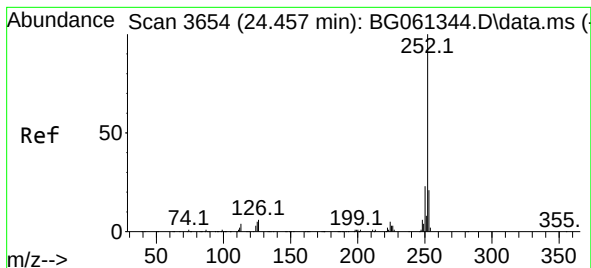
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#91
Benzo(k)fluoranthene
Concen: 3.122 ng/ul m
RT: 23.676 min Scan# 3521
Delta R.T. -0.017 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19

Tgt Ion:252 Resp: 38687
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 4.9 4.3 6.5





#93

Benzo(a)pyrene

Concen: 6.294 ng/ul

RT: 24.452 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

Instrument :

BNA_G

ClientSampleId :

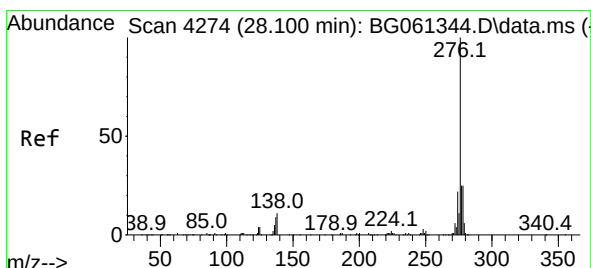
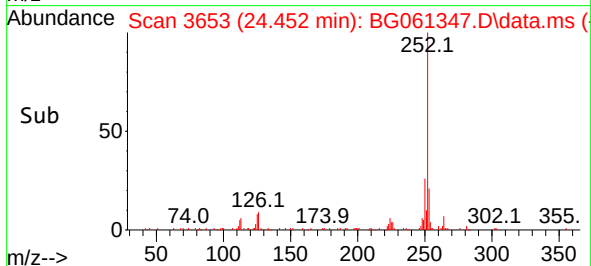
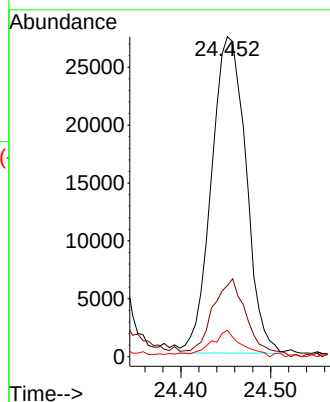
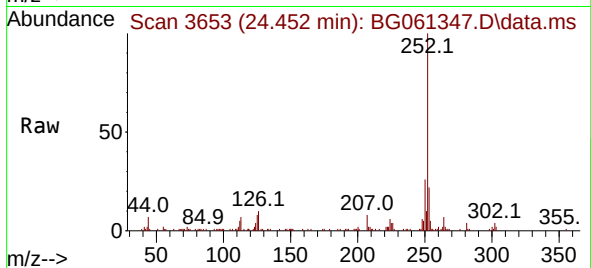
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Tgt Ion:	252	Resp:	7295
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.4	24.6
125	8.2	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.874 ng/ul m

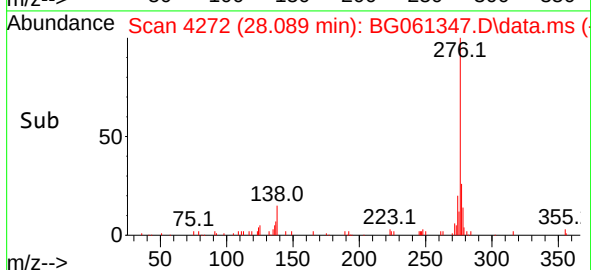
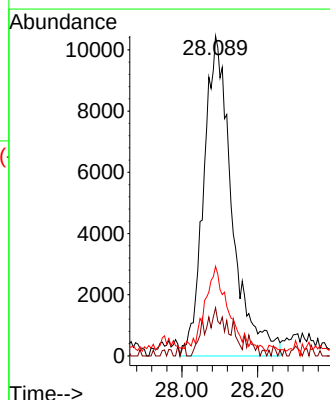
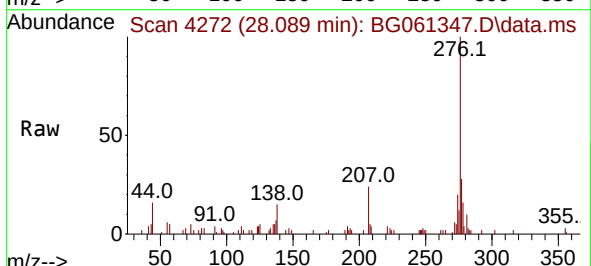
RT: 28.089 min Scan# 4272

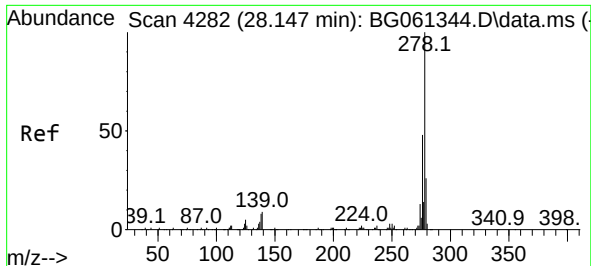
Delta R.T. -0.017 min

Lab File: BG061347.D

Acq: 30 May 2024 4:19

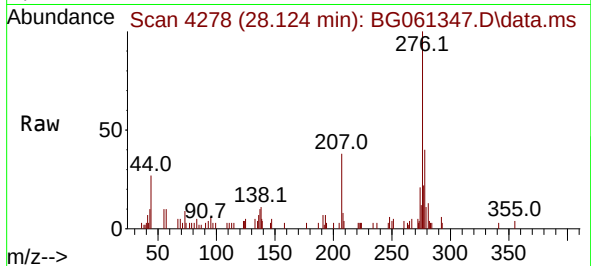
Tgt Ion:	276	Resp:	54304
Ion Ratio	Lower	Upper	
276	100		
138	15.1	8.6	13.0
277	28.0	19.7	29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.271 ng/ul m
RT: 28.124 min Scan# 41
Delta R.T. -0.035 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19

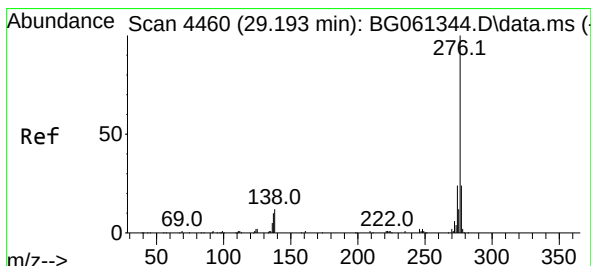
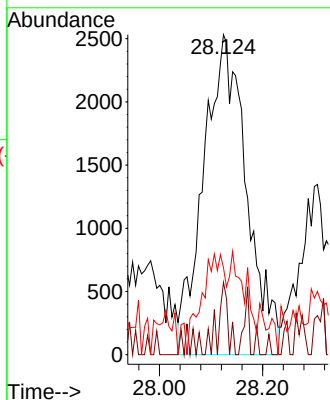
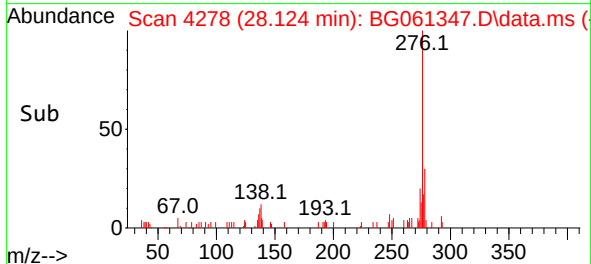
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:278 Resp: 14688
Ion Ratio Lower Upper
278 100
139 12.0 6.4 9.6
279 27.1 19.9 29.9

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Supervised By :mohammad ahmed 06/01/2024



#96
Benzo(g,h,i)perylene
Concen: 4.459 ng/ul m
RT: 29.176 min Scan# 4457
Delta R.T. -0.017 min
Lab File: BG061347.D
Acq: 30 May 2024 4:19

Tgt Ion:276 Resp: 49721
Ion Ratio Lower Upper
276 100
138 15.8 8.7 13.1#
277 22.3 18.2 27.2

