

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061310.D
 Acq On : 28 May 2024 22:07
 Operator : MA/JU
 Sample : P2568-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH633

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:18:39 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	7.882	152	27852	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	122623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	93203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	215508	20.000	ng/u1	0.00
79) Chrysene-d12	21.513	240	218781	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	248897	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2550	5.124	ng/uL	0.00
4) Pyridine-d5	3.746	84	30088	16.993	ng/u1	0.00
7) Phenol-d5	7.066	99	56841	24.852	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	35796	24.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	45586	26.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	45651	23.407	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	22879	24.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	26674	24.141	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	54207	25.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	51488	18.270	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	183978	25.451	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	203250	27.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	19763	22.114	ng/u1	0.00
60) Fluorene-d10	15.509	176	162148	25.982	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	26632	20.432	ng/u1	0.00
73) Anthracene-d10	17.365	188	257844	27.138	ng/u1	0.00
81) Pyrene-d10	19.657	212	307310	27.357	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	330949	27.658	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	114292	10.927	ng/u1	99
74) Anthracene	17.395	178	18796m	1.738	ng/u1	
77) Carbazole	17.671	167	11546	1.313	ng/u1	99
78) Di-n-butylphthalate	18.229	149	13772	1.249	ng/u1	98
80) Fluoranthene	19.322	202	309485	22.966	ng/u1	99
82) Pyrene	19.686	202	285899	20.439	ng/u1	100
83) Butylbenzylphthalate	20.573	149	11847	2.465	ng/u1#	85
85) Benzo(a)anthracene	21.496	228	171407	11.354	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	65138	9.158	ng/u1#	98
87) Chrysene	21.560	228	182707	13.144	ng/u1	97
90) Benzo(b)fluoranthene	23.628	252	233079	15.728	ng/u1	98
91) Benzo(k)fluoranthene	23.687	252	80099m	5.324	ng/u1	
93) Benzo(a)pyrene	24.457	252	158061	11.232	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.100	276	112043	6.584	ng/u1#	94
95) Dibenzo(a,h)anthracene	28.153	278	30836m	2.198	ng/u1	
96) Benzo(g,h,i)perylene	29.198	276	113861m	8.411	ng/u1	

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

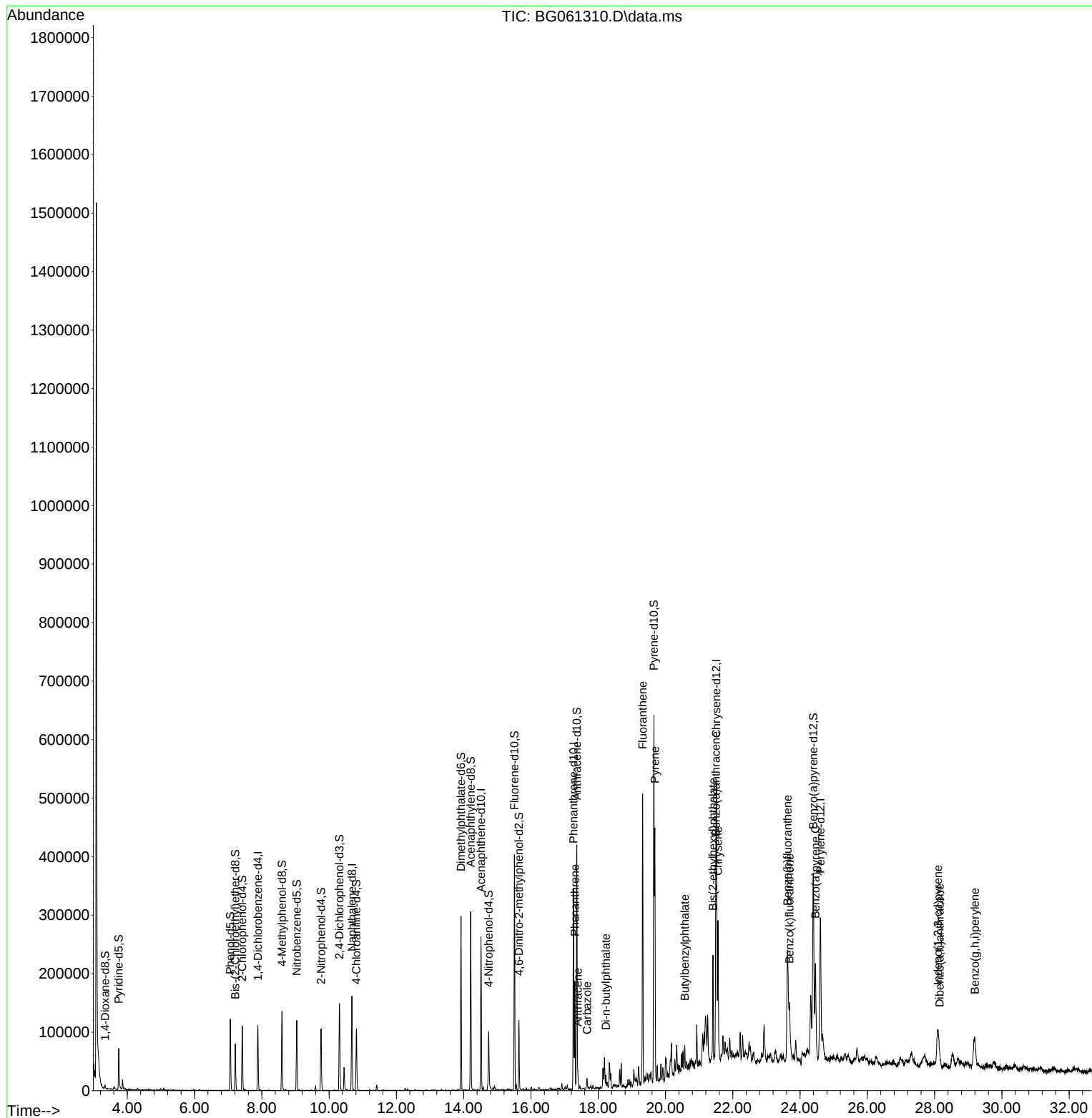
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
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ALS Vial : 17 Sample Multiplier: 1

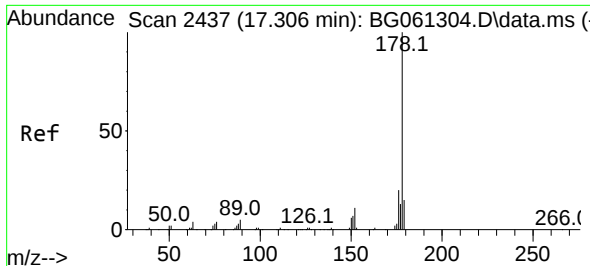
Instrument :
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ClientSampleId :
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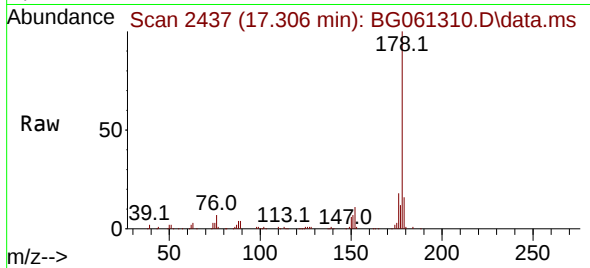
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.927 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

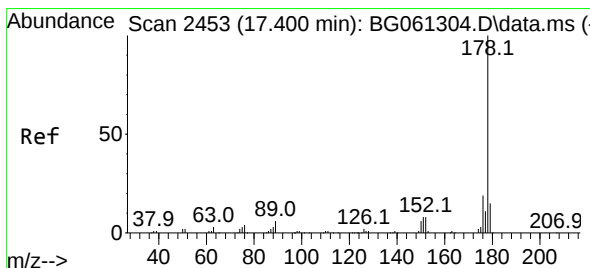
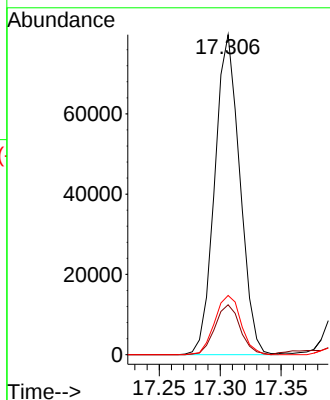
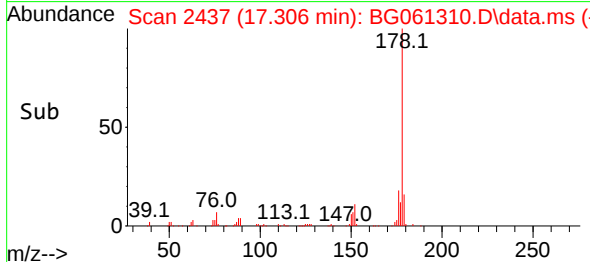
Instrument :
BNA_G
ClientSampleId :
BH633



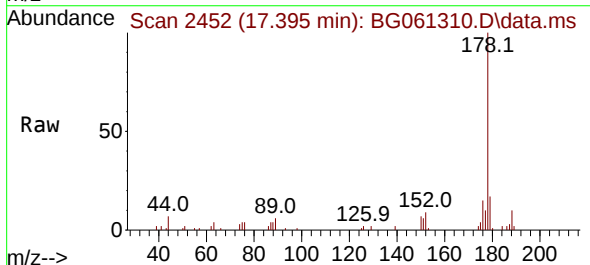
Tgt Ion:178 Resp: 114292
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.5 15.5 23.3

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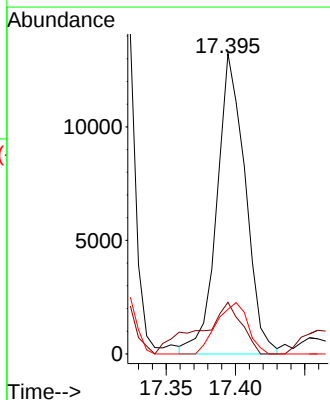
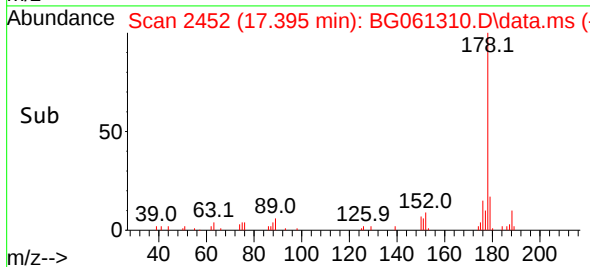
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

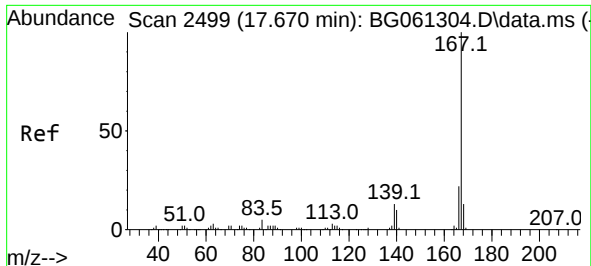


#74
Anthracene
Concen: 1.738 ng/ul m
RT: 17.395 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07



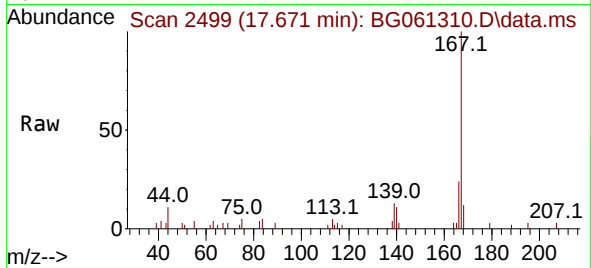
Tgt Ion:178 Resp: 18796
Ion Ratio Lower Upper
178 100
179 17.2 11.8 17.6
176 14.9 14.9 22.3





#77
 Carbazole
 Concen: 1.313 ng/ul
 RT: 17.671 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

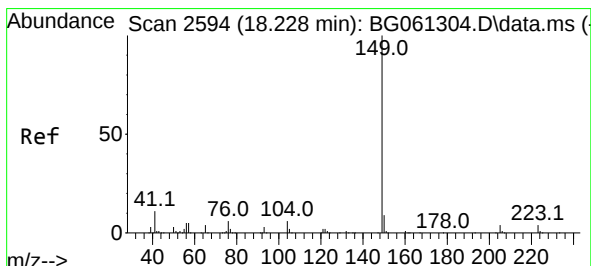
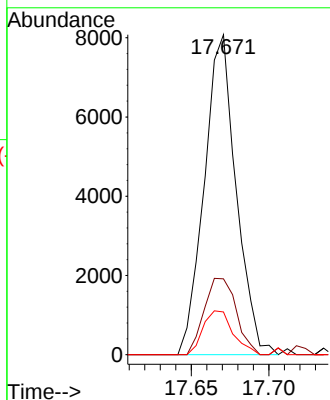
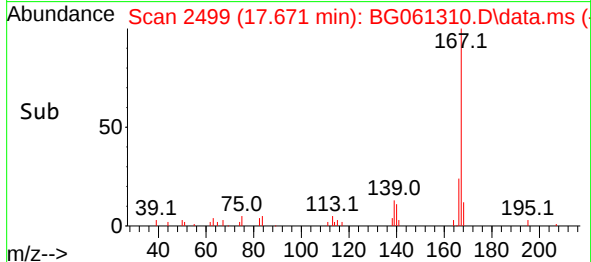
Instrument :
 BNA_G
 ClientSampleId :
 BH633



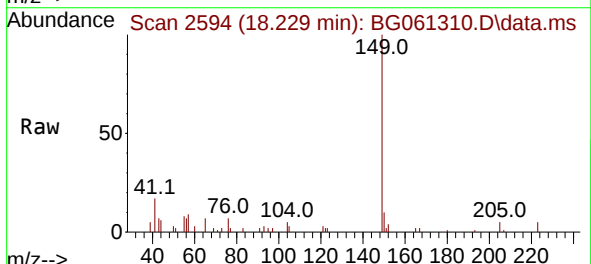
Tgt Ion:167 Resp: 11540
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.6 28.0
 139 13.4 10.6 15.8

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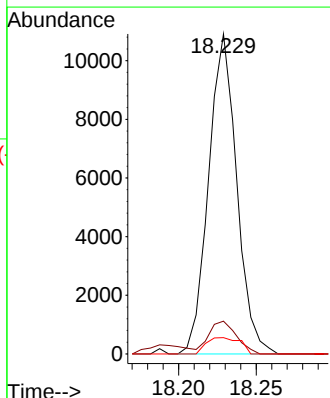
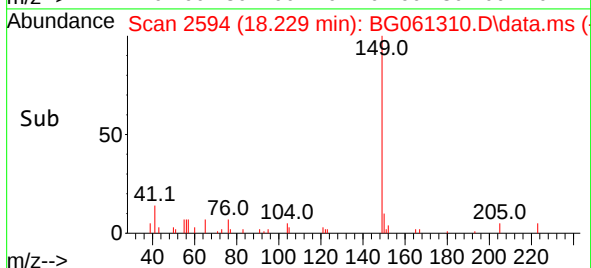
Reviewed By :Jagrut Upadhyay 05/29/2024
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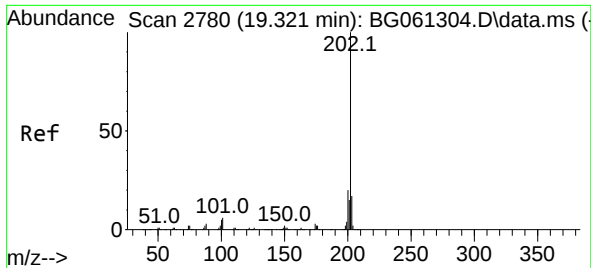


#78
 Di-n-butylphthalate
 Concen: 1.249 ng/ul
 RT: 18.229 min Scan# 2594
 Delta R.T. -0.006 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07



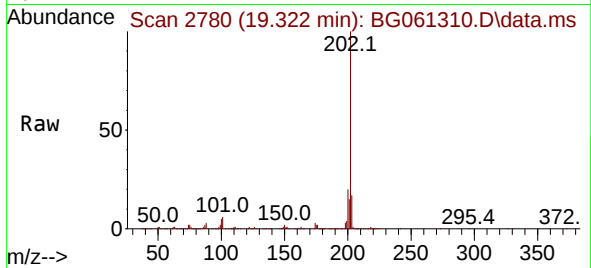
Tgt Ion:149 Resp: 13772
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 5.1 4.8 7.2





#80
Fluoranthene
Concen: 22.966 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

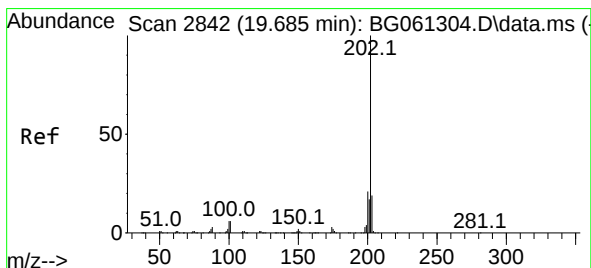
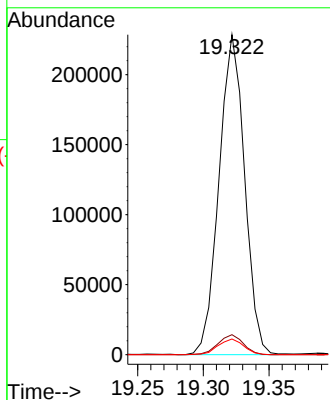
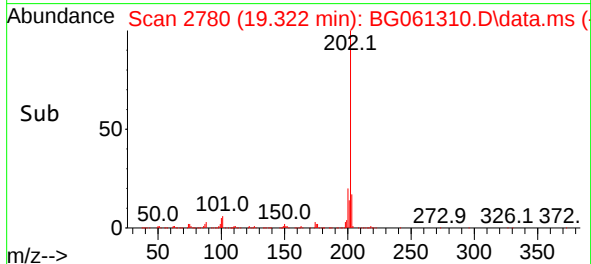
Instrument :
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BH633



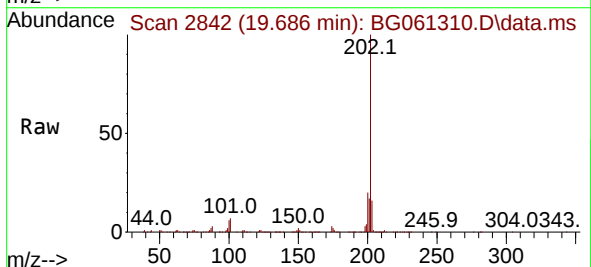
Tgt Ion:202 Resp: 309485
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 4.9 4.1 6.1

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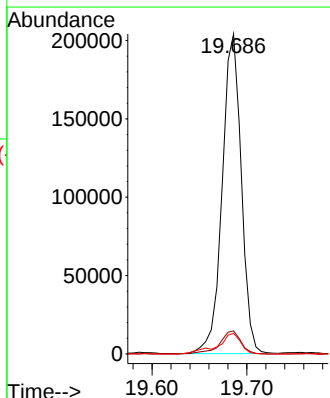
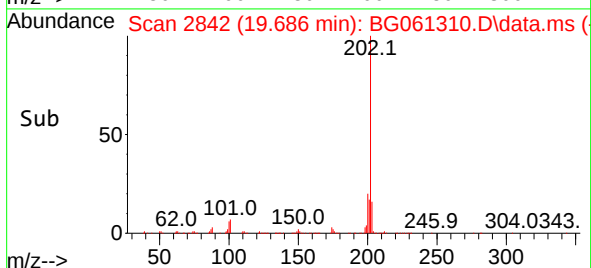
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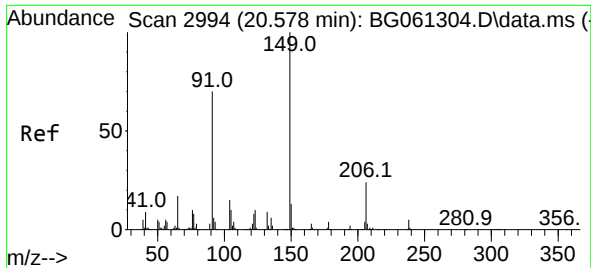


#82
Pyrene
Concen: 20.439 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07



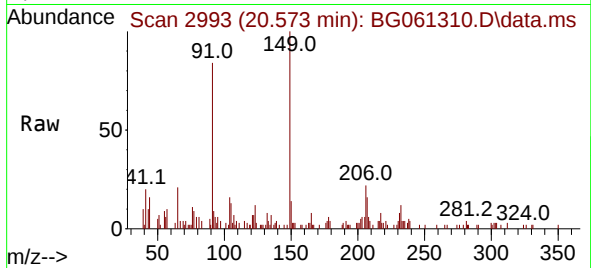
Tgt Ion:202 Resp: 285899
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.4 5.1 7.7





#83
Butylbenzylphthalate
Concen: 2.465 ng/ul
RT: 20.573 min Scan# 2993
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

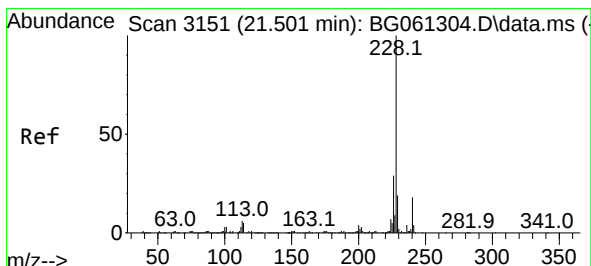
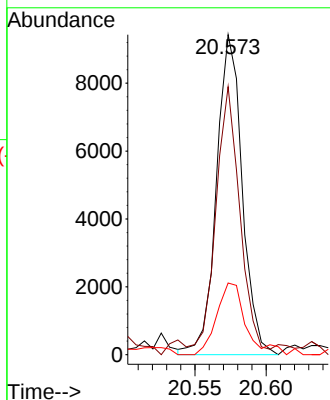
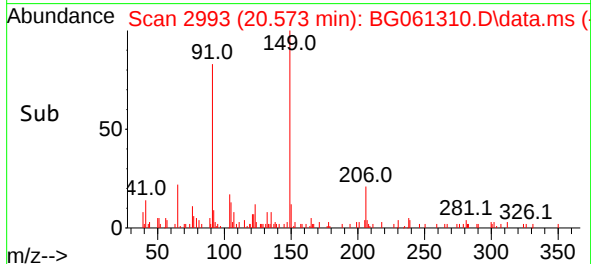
Instrument :
BNA_G
ClientSampleId :
BH633



Tgt Ion:149 Resp: 1184
Ion Ratio Lower Upper
149 100
91 83.7 54.8 82.2
206 22.4 19.4 29.0

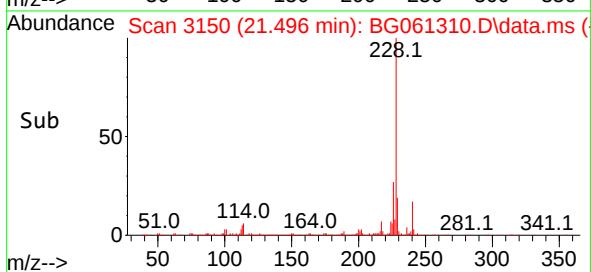
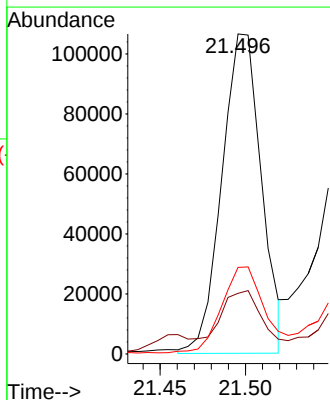
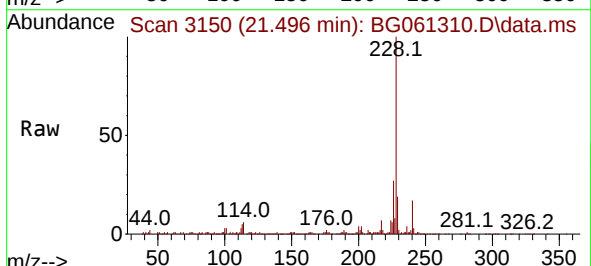
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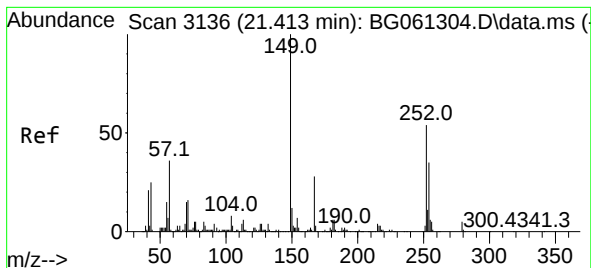
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#85
Benzo(a)anthracene
Concen: 11.354 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

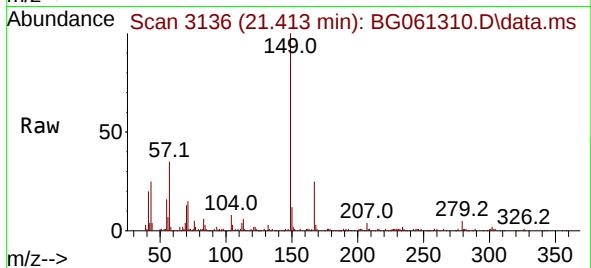
Tgt Ion:228 Resp: 171407
Ion Ratio Lower Upper
228 100
229 19.0 15.2 22.8
226 27.0 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 9.158 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

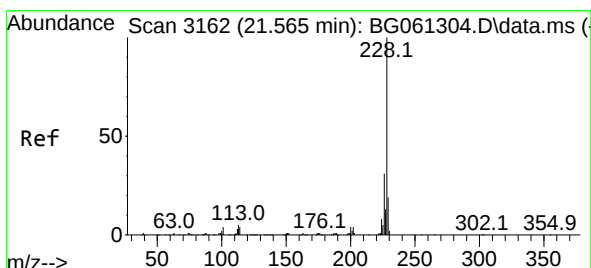
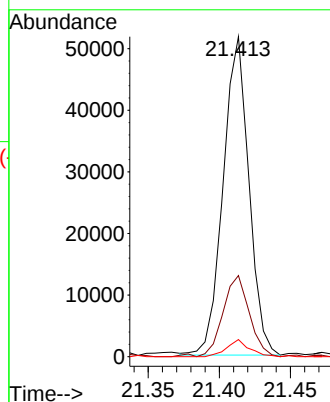
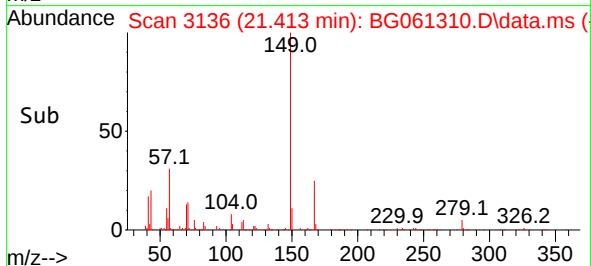
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BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 65138
Ion Ratio Lower Upper
149 100
167 25.3 21.1 31.7
279 5.3 3.3 4.9

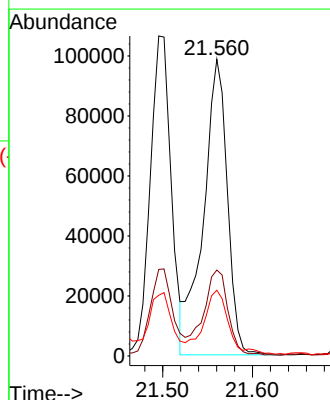
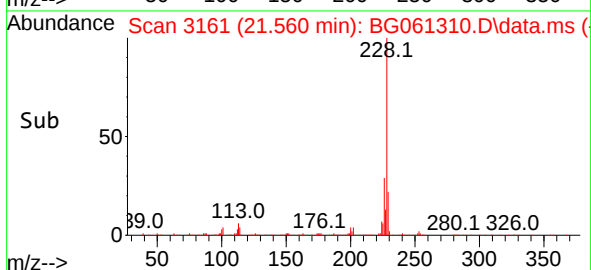
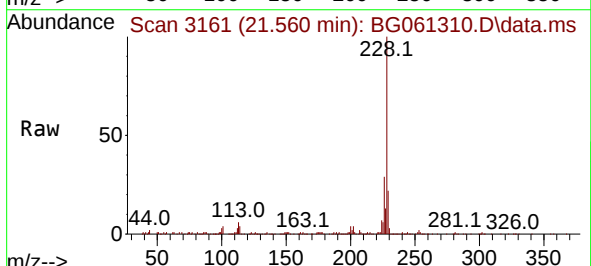
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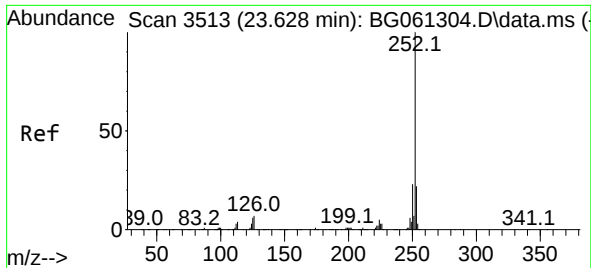
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#87
Chrysene
Concen: 13.144 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

Tgt Ion:228 Resp: 182707
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.0
229 22.2 15.4 23.2





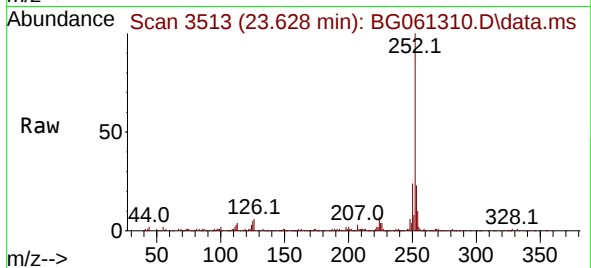
#90
Benzo(b)fluoranthene
Concen: 15.728 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

Instrument :

BNA_G

ClientSampleId :

BH633

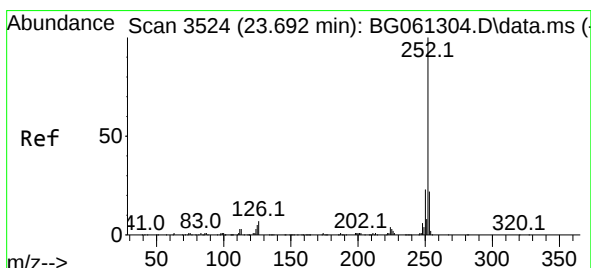
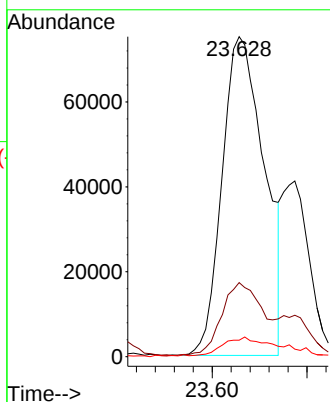
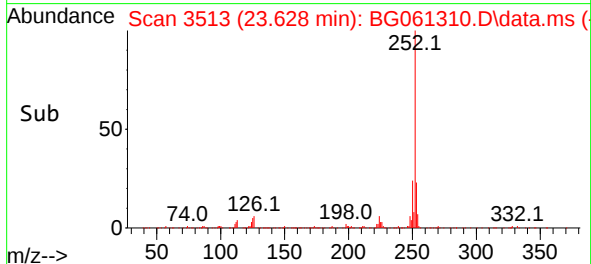


Tgt Ion:252 Resp: 233079
Ion Ratio Lower Upper
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253 23.2 17.8 26.8
125 5.1 4.6 6.8

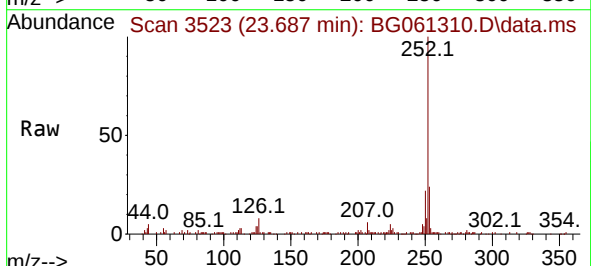
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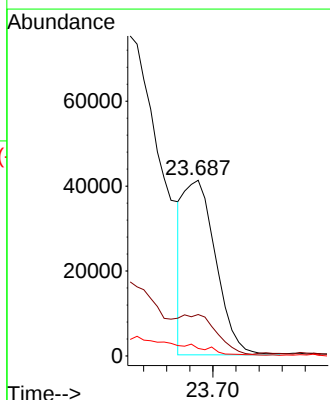
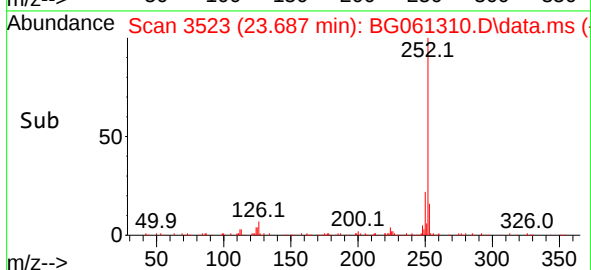
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

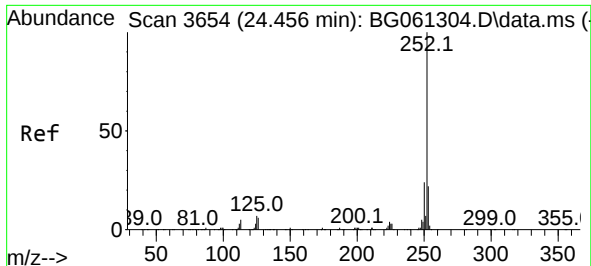


#91
Benzo(k)fluoranthene
Concen: 5.324 ng/ul m
RT: 23.687 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07



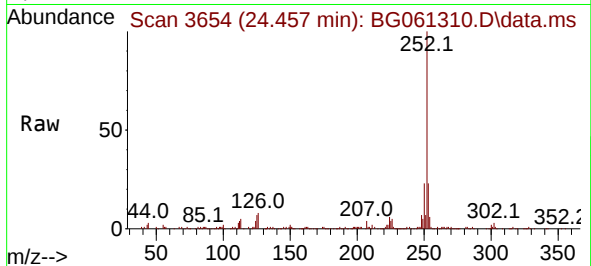
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253 23.6 16.0 24.0
125 4.3 4.3 6.5#





#93
Benzo(a)pyrene
Concen: 11.232 ng/ul
RT: 24.457 min Scan# 3654
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

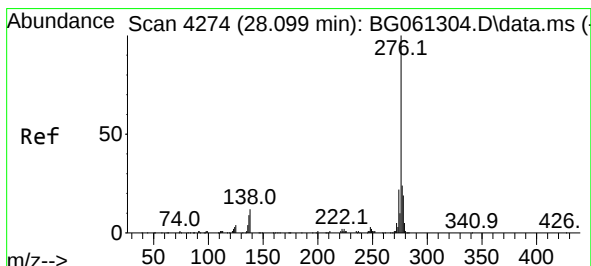
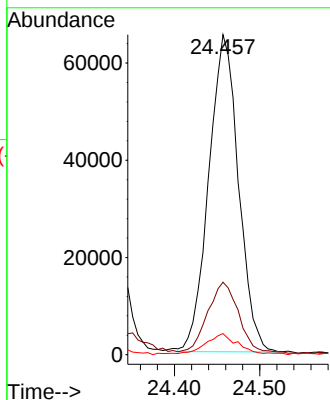
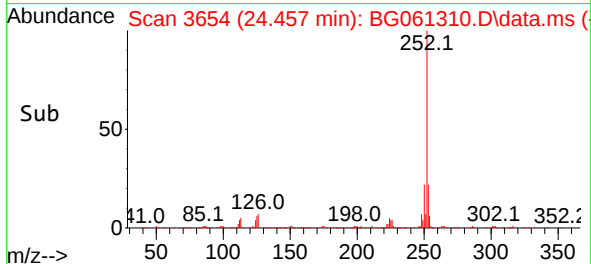
Instrument :
BNA_G
ClientSampleId :
BH633



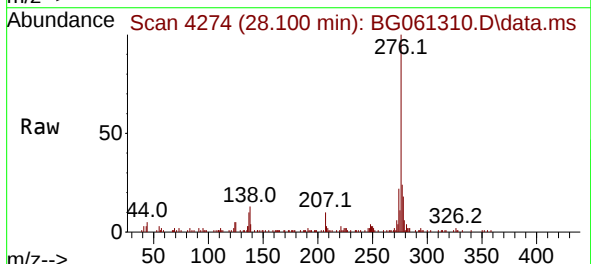
Tgt Ion:252 Resp: 158063
Ion Ratio Lower Upper
252 100
253 22.7 16.4 24.6
125 6.6 4.3 6.5

Manual Integrations
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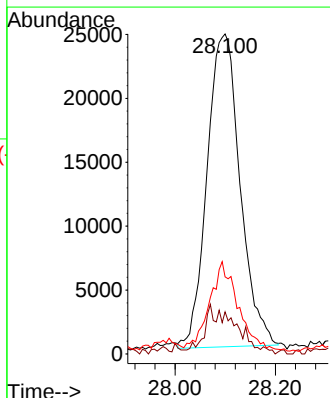
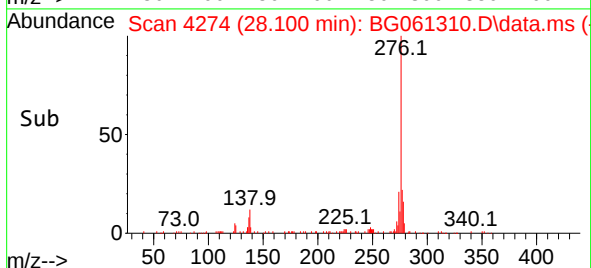
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

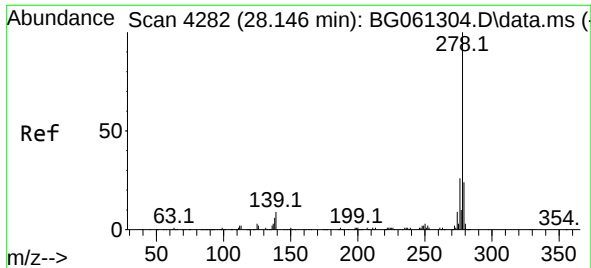


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.584 ng/ul
RT: 28.100 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07



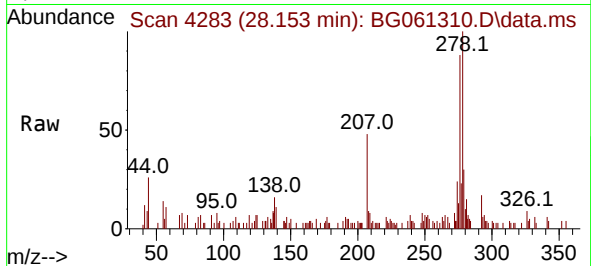
Tgt Ion:276 Resp: 112043
Ion Ratio Lower Upper
276 100
138 17.2 8.6 13.0#
277 24.1 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 2.198 ng/ul m
RT: 28.153 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

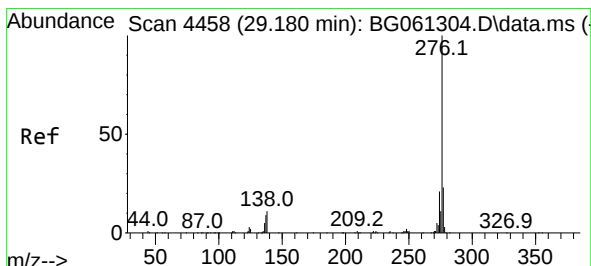
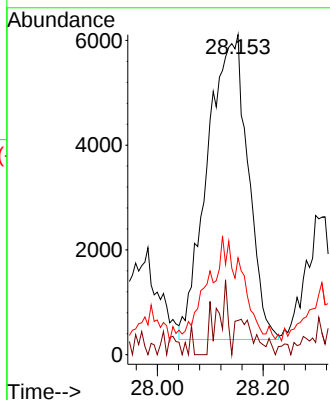
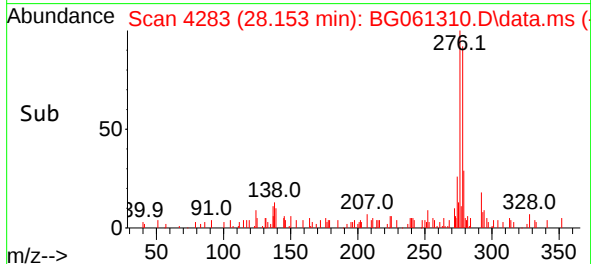
Instrument :
BNA_G
ClientSampleId :
BH633



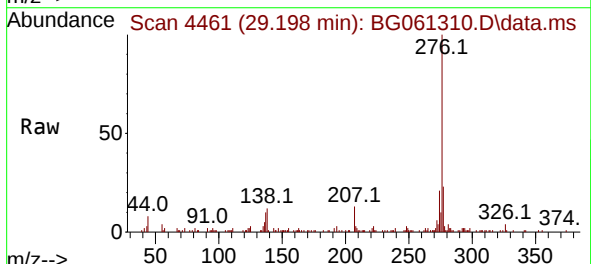
Tgt Ion:278 Resp: 30830
Ion Ratio Lower Upper
278 100
139 10.7 6.4 9.6
279 30.3 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#96
Benzo(g,h,i)perylene
Concen: 8.411 ng/ul m
RT: 29.198 min Scan# 4461
Delta R.T. 0.005 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07



Tgt Ion:276 Resp: 113861
Ion Ratio Lower Upper
276 100
138 12.2 8.7 13.1
277 23.3 18.2 27.2

