

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061346.D
 Acq On : 30 May 2024 3:38
 Operator : MA/JU
 Sample : P2548-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH616

Manual Integrations
 APPROVED

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

Quant Time: May 30 04:27:55 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	7.879	152	25051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.676	136	105686	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.513	164	81715	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	187475	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	192327	20.000	ng/u1	0.00
88) Perylene-d12	24.595	264	216904	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1066	2.381	ng/uL	0.00
4) Pyridine-d5	3.749	84	19740	12.396	ng/u1	0.00
7) Phenol-d5	7.063	99	34551	16.795	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	20883	16.150	ng/u1	0.00
11) 2-Chlorophenol-d4	7.415	132	25114	16.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	34036	19.403	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	16472	20.243	ng/u1	0.00
24) 2-Nitrophenol-d4	9.759	143	20400	21.421	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	41454	22.328	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	47169	19.420	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	150859	23.804	ng/u1	0.00
49) Acenaphthylene-d8	14.207	160	174516	26.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	21617m	27.589	ng/u1	0.00
60) Fluorene-d10	15.511	176	139019	25.407	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	23742	20.939	ng/u1	0.00
73) Anthracene-d10	17.362	188	255524	30.916	ng/u1	0.00
81) Pyrene-d10	19.654	212	372776	37.749	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.389	264	440269	42.221	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.303	178	59720	6.563	ng/u1	98
74) Anthracene	17.397	178	11200	1.190	ng/u1	100
80) Fluoranthene	19.319	202	188863	15.943	ng/u1	99
82) Pyrene	19.683	202	181843	14.788	ng/u1	99
85) Benzo(a)anthracene	21.493	228	122020	9.195	ng/u1	98
87) Chrysene	21.557	228	120112	9.830	ng/u1	98
90) Benzo(b)fluoranthene	23.625	252	155780	12.063	ng/u1	97
91) Benzo(k)fluoranthene	23.684	252	64808m	4.943	ng/u1	
93) Benzo(a)pyrene	24.454	252	120895	9.858	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.085	276	75932	5.120	ng/u1	98
95) Dibenzo(a,h)anthracene	28.132	278	23070m	1.887	ng/u1	
96) Benzo(g,h,i)perylene	29.178	276	73003m	6.188	ng/u1	

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

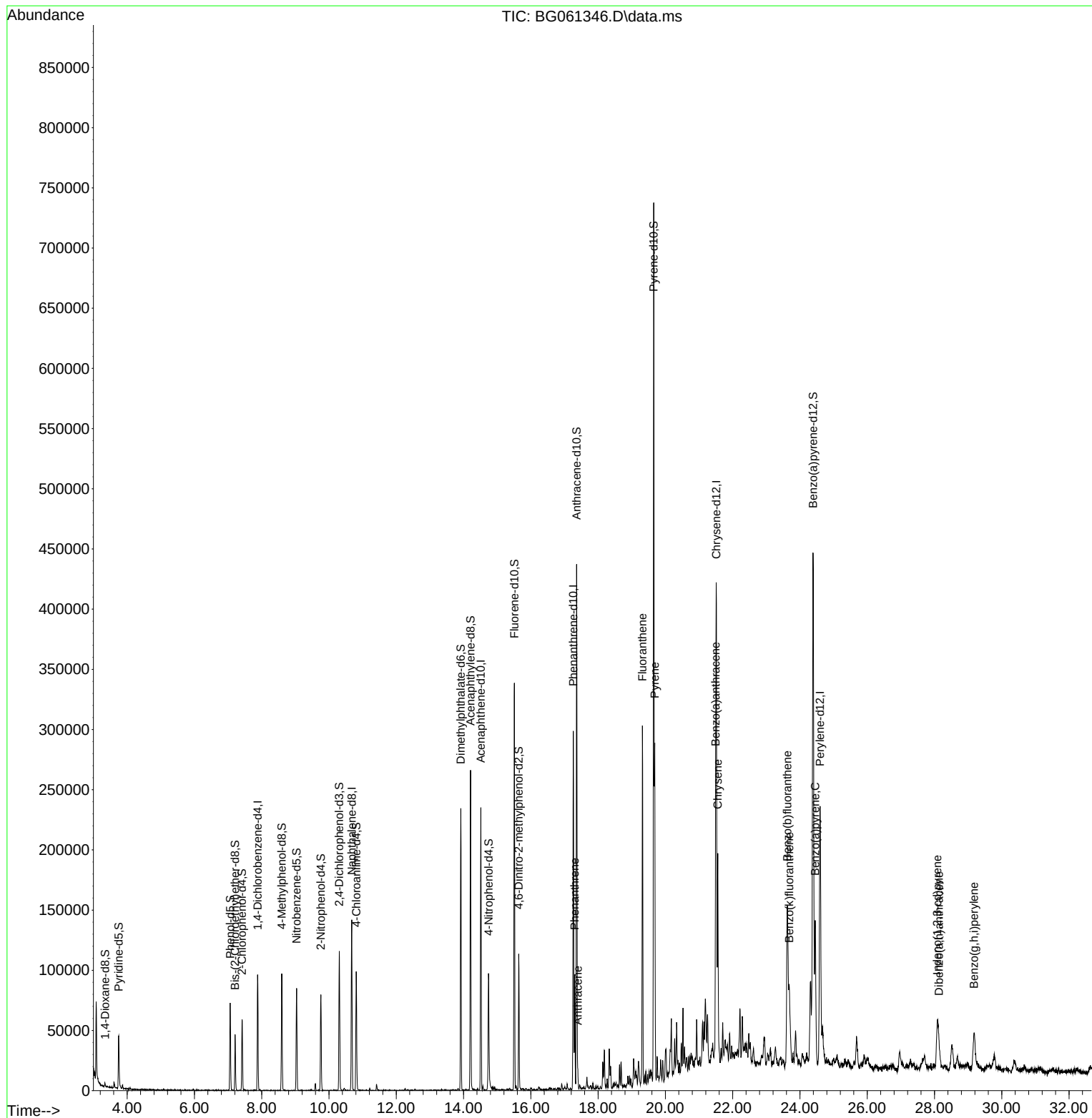
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061346.D
 Acq On : 30 May 2024 3:38
 Operator : MA/JU
 Sample : P2548-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

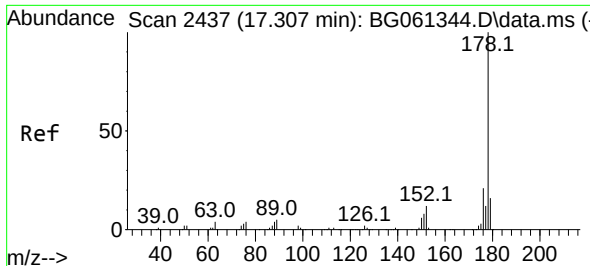
Instrument :
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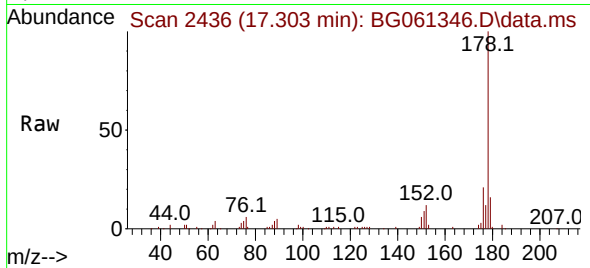
Quant Time: May 30 04:27:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 6.563 ng/ul
RT: 17.303 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

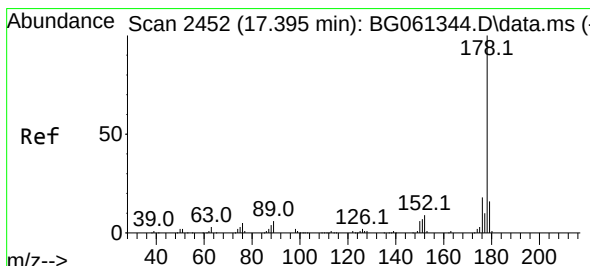
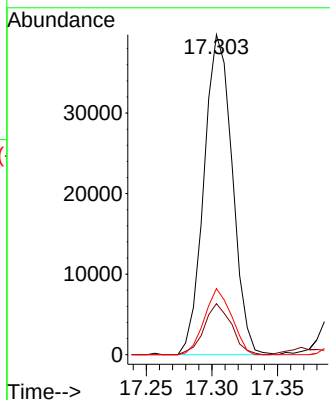
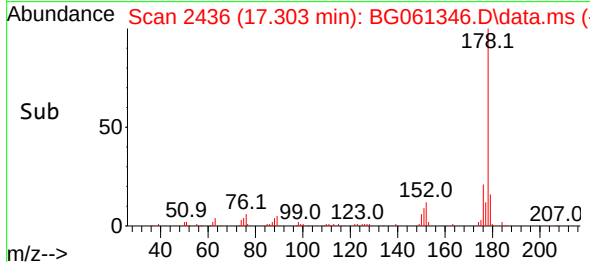
Instrument :
BNA_G
ClientSampleId :
BH616



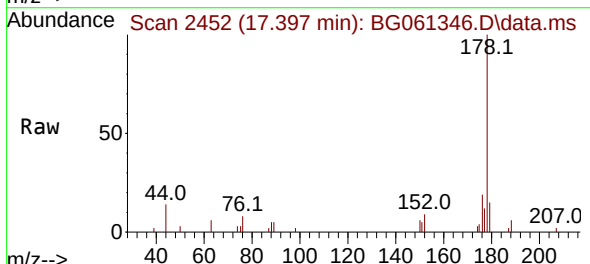
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Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 20.7 15.5 23.3

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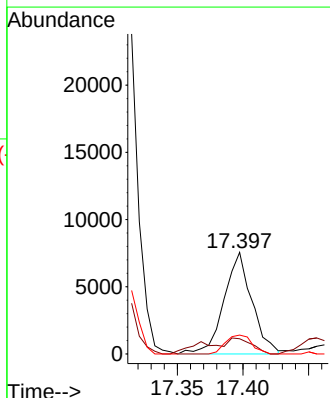
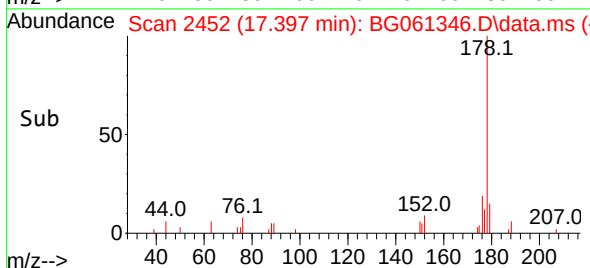
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

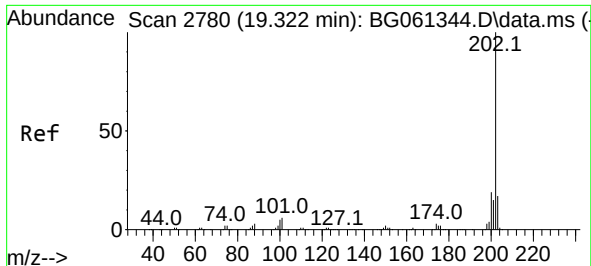


#74
Anthracene
Concen: 1.190 ng/ul
RT: 17.397 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38



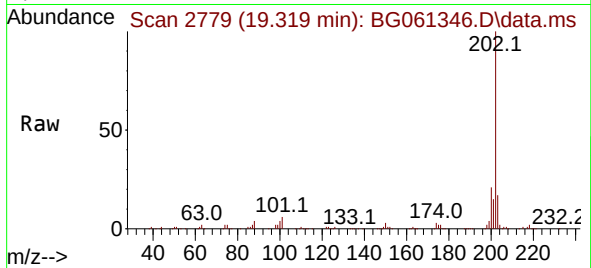
Tgt Ion:178 Resp: 11200
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.6
176 18.6 14.9 22.3





#80
Fluoranthene
Concen: 15.943 ng/ul
RT: 19.319 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

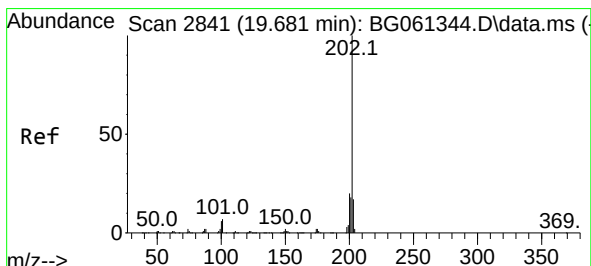
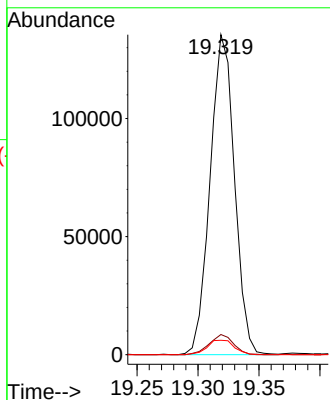
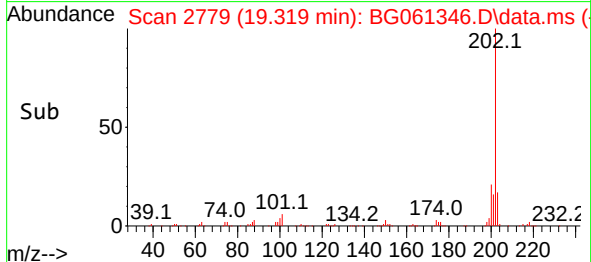
Instrument :
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ClientSampleId :
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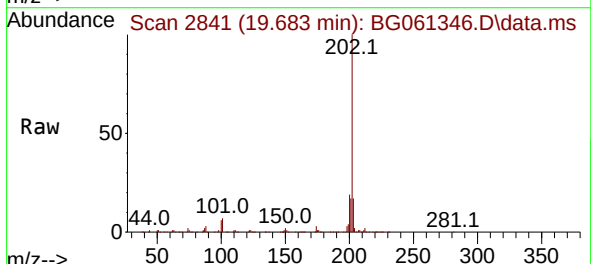
Tgt Ion:202 Resp: 18886
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 4.5 4.1 6.1

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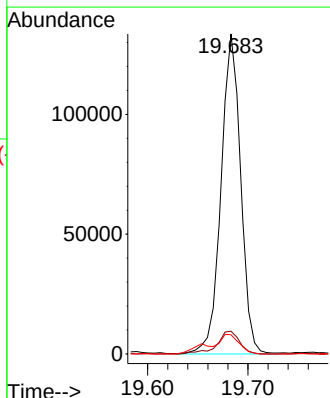
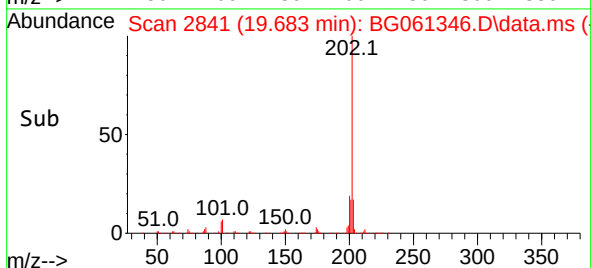
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

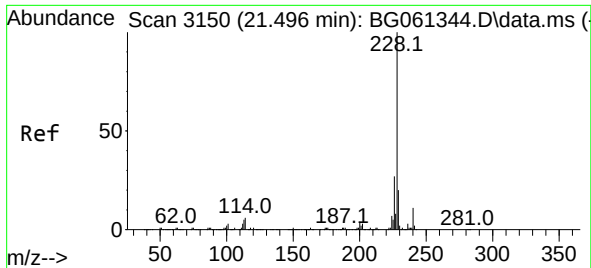


#82
Pyrene
Concen: 14.788 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38



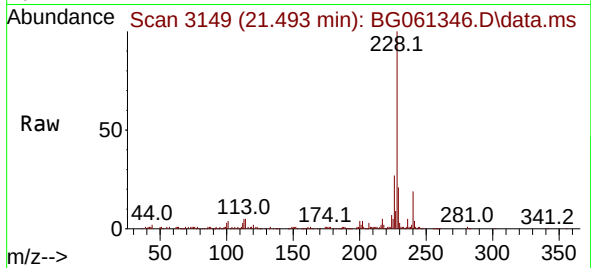
Tgt Ion:202 Resp: 181843
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.0 5.1 7.7





#85
Benzo(a)anthracene
Concen: 9.195 ng/u1
RT: 21.493 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

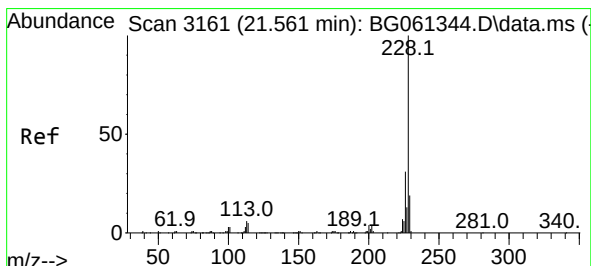
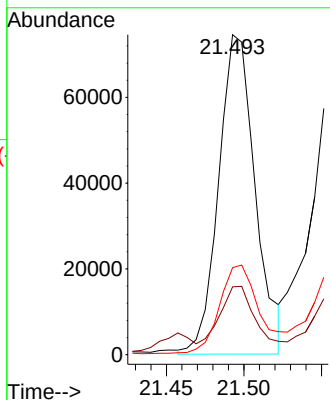
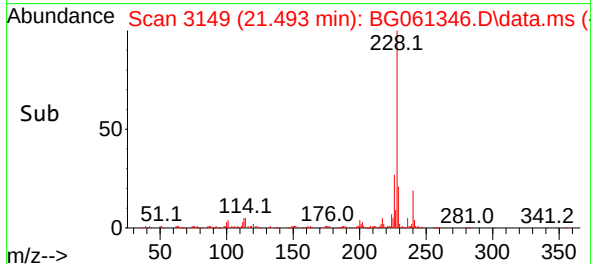
Instrument :
BNA_G
ClientSampleId :
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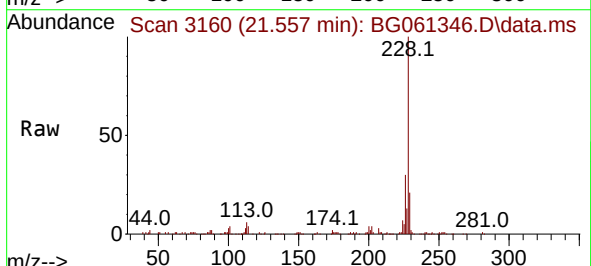
Tgt Ion:228 Resp: 122020
Ion Ratio Lower Upper
228 100
229 21.2 15.2 22.8
226 27.2 21.4 32.2

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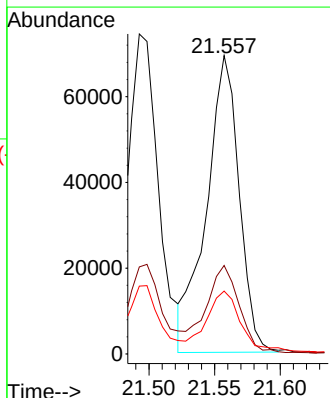
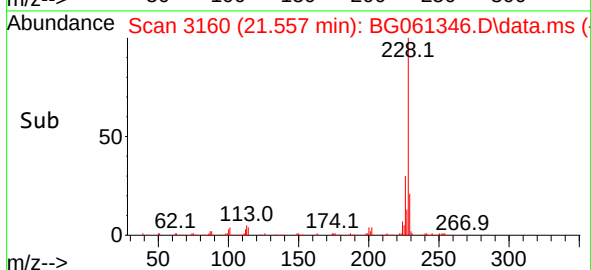
Reviewed By :Jagrut Upadhyay 05/30/2024
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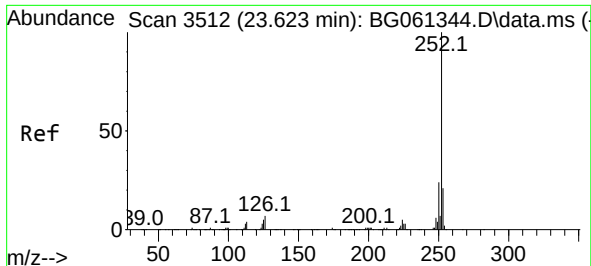


#87
Chrysene
Concen: 9.830 ng/u1
RT: 21.557 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38



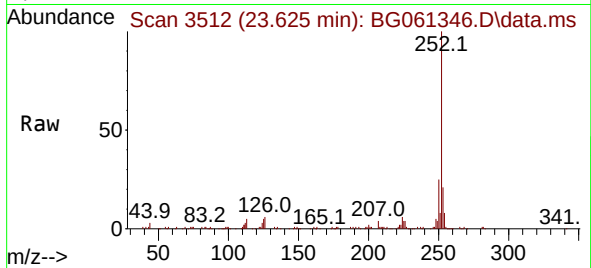
Tgt Ion:228 Resp: 120112
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.0
229 21.1 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 12.063 ng/ul
RT: 23.625 min Scan# 3512
Delta R.T. -0.003 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

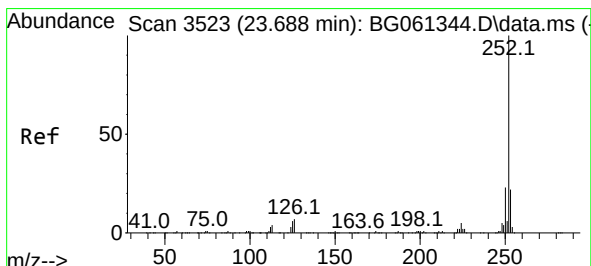
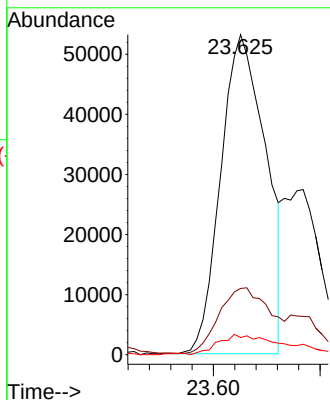
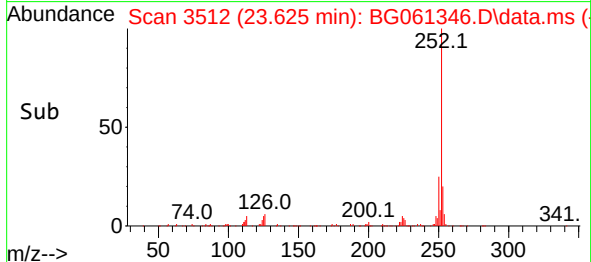
Instrument :
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ClientSampleId :
BH616



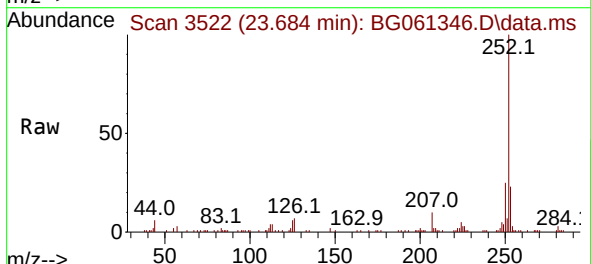
Tgt Ion:252 Resp: 155780
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 5.4 4.6 6.8

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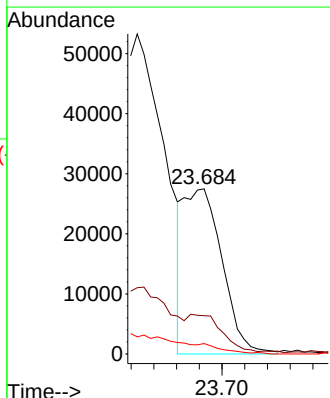
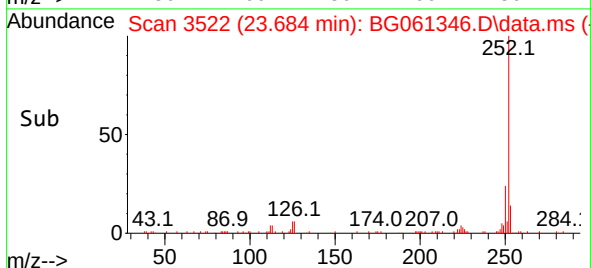
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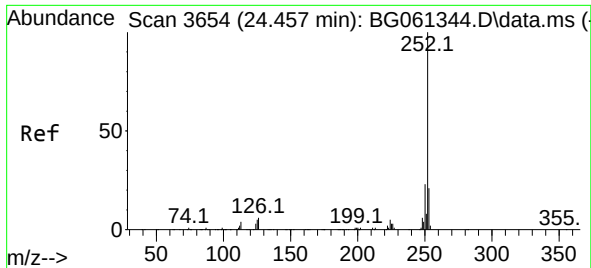


#91
Benzo(k)fluoranthene
Concen: 4.943 ng/ul m
RT: 23.684 min Scan# 3522
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38



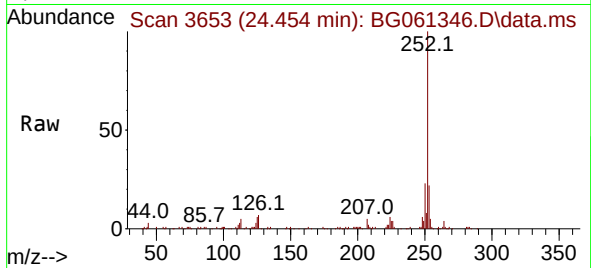
Tgt Ion:252 Resp: 64808
Ion Ratio Lower Upper
252 100
253 23.2 16.0 24.0
125 6.3 4.3 6.5





#93
Benzo(a)pyrene
Concen: 9.858 ng/ul
RT: 24.454 min Scan# 3654
Delta R.T. -0.009 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

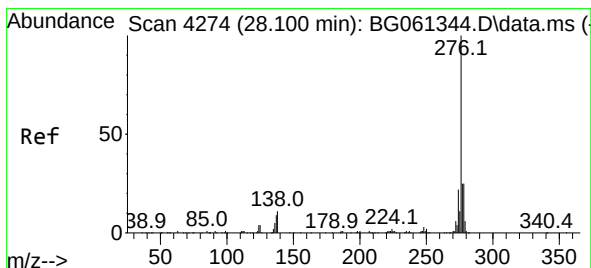
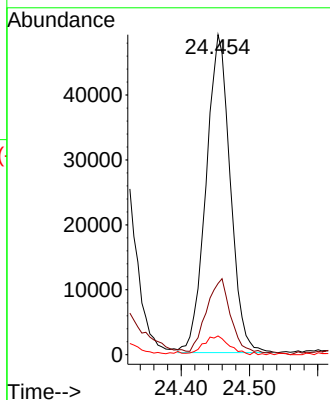
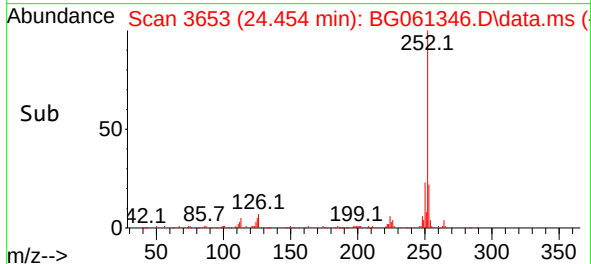
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Tgt Ion:252 Resp: 12089
Ion Ratio Lower Upper
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125 5.8 4.3 6.5

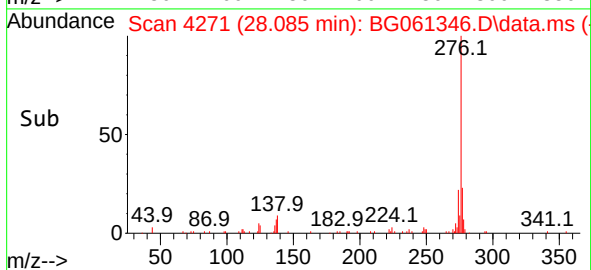
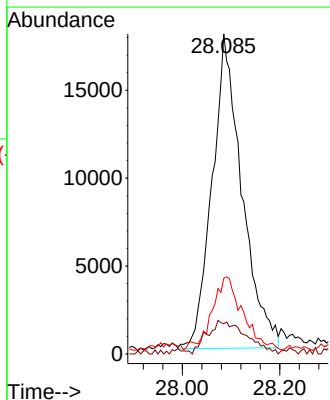
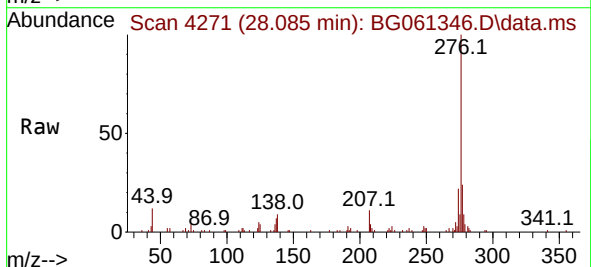
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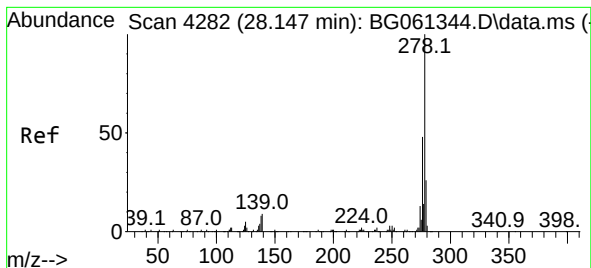
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.120 ng/ul
RT: 28.085 min Scan# 4271
Delta R.T. -0.021 min
Lab File: BG061346.D
Acq: 30 May 2024 3:38

Tgt Ion:276 Resp: 75932
Ion Ratio Lower Upper
276 100
138 9.5 8.6 13.0
277 23.7 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.887 ng/ul m

RT: 28.132 min Scan# 4457

Delta R.T. -0.027 min

Lab File: BG061346.D

Acq: 30 May 2024 3:38

Instrument :

BNA_G

ClientSampleId :

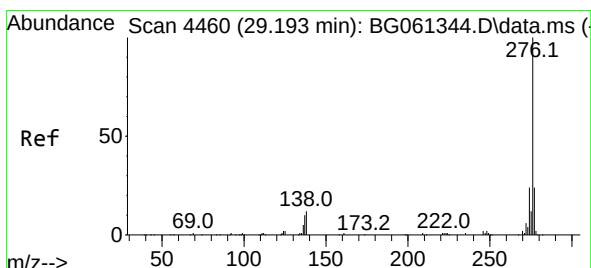
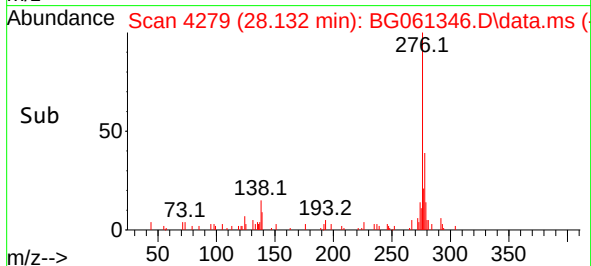
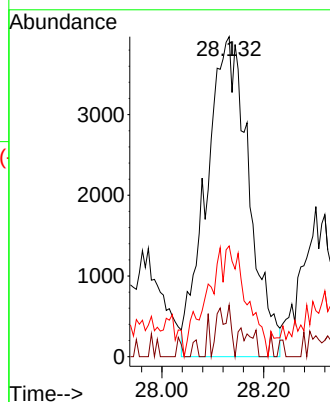
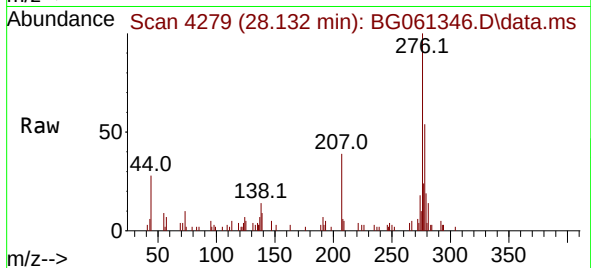
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Tgt Ion:	278	Resp:	23070
Ion Ratio	Lower	Upper	
278	100		
139	16.2	6.4	9.6
279	34.6	19.9	29.9

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#96

Benzo(g,h,i)perylene

Concen: 6.188 ng/ul m

RT: 29.178 min Scan# 4457

Delta R.T. -0.015 min

Lab File: BG061346.D

Acq: 30 May 2024 3:38

Tgt Ion:	276	Resp:	73003
Ion Ratio	Lower	Upper	
276	100		
138	14.4	8.7	13.1
277	20.4	18.2	27.2

