

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061334.D
 Acq On : 29 May 2024 18:44
 Operator : MA/JU
 Sample : P2571-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH662

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

05/30/2024
 Supervised By :mohammad
 ahmed

Quant Time: May 30 00:06:19 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)

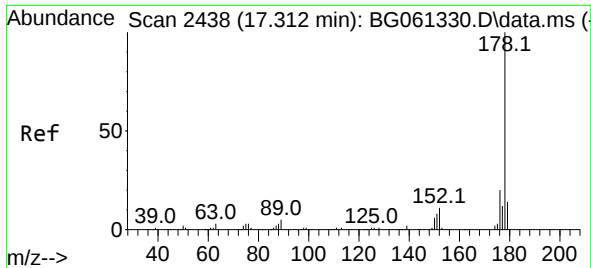
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	26475	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	115345	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.518	164	86870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	194398	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	200985	20.000	ng/u1	0.00
88) Perylene-d12	24.600	264	228034	20.000	ng/u1	-0.01

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System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1996	4.219	ng/uL	0.00
4) Pyridine-d5	3.748	84	14445	8.583	ng/u1	0.00
7) Phenol-d5	7.062	99	51700	23.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	32963	24.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.420	132	41568	25.834	ng/u1	0.00
15) 4-Methylphenol-d8	8.595	113	31923	17.220	ng/u1	0.00
21) Nitrobenzene-d5	9.042	128	21409	24.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.759	143	25133	24.181	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.311	165	49034	24.199	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	35850	13.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.924	166	164231	24.376	ng/u1	0.00
49) Acenaphthylene-d8	14.206	160	178678	25.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	14167	17.008	ng/u1	0.00
60) Fluorene-d10	15.511	176	146133	25.122	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	20737	17.637	ng/u1	0.00
73) Anthracene-d10	17.362	188	215561	25.152	ng/u1	0.00
81) Pyrene-d10	19.653	212	267308	25.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.395	264	283367	25.848	ng/u1	0.00

Target Compounds						Qvalue
72) Phenanthrene	17.309	178	78577	8.328	ng/u1	95
80) Fluoranthene	19.318	202	212408	17.158	ng/u1	99
82) Pyrene	19.682	202	193446	15.054	ng/u1	99
83) Butylbenzylphthalate	20.570	149	7869	1.783	ng/u1	95
85) Benzo(a)anthracene	21.498	228	109083	7.866	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	33493	5.126	ng/u1#	99
87) Chrysene	21.563	228	128960	10.099	ng/u1	96
90) Benzo(b)fluoranthene	23.631	252	173129	12.752	ng/u1	100
91) Benzo(k)fluoranthene	23.684	252	63466m	4.605	ng/u1	
93) Benzo(a)pyrene	24.453	252	110239	8.551	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	81076m	5.200	ng/u1	
95) Dibenzo(a,h)anthracene	28.125	278	23589m	1.835	ng/u1	
96) Benzo(g,h,i)perylene	29.189	276	72834m	5.872	ng/u1	

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



#72
Phenanthrene
Concen: 8.328 ng/ul
RT: 17.309 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

Instrument :
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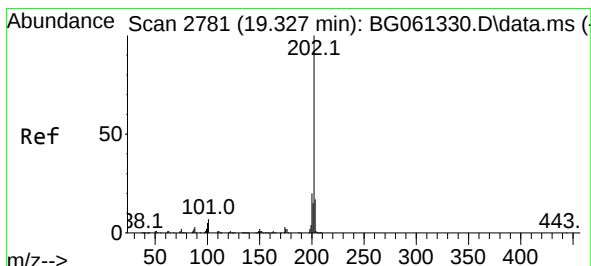
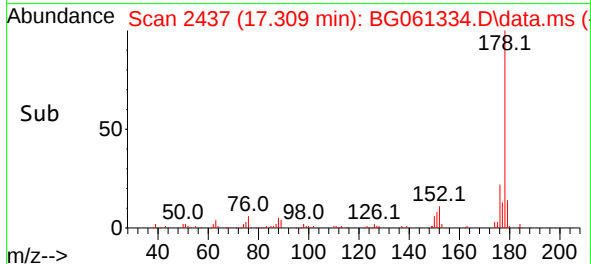
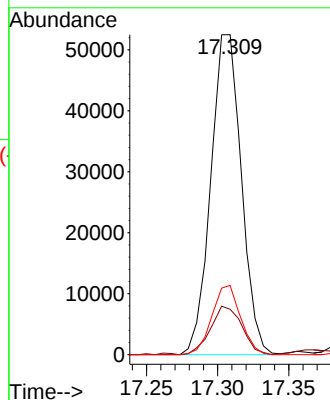
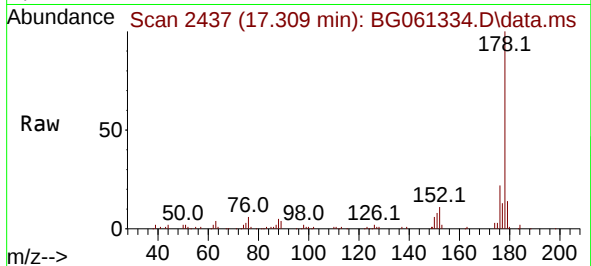
Tgt Ion:178 Resp: 7857
Ion Ratio Lower Upper
178 100
179 14.2 12.7 19.1
176 21.7 15.5 23.3

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Upadhyay

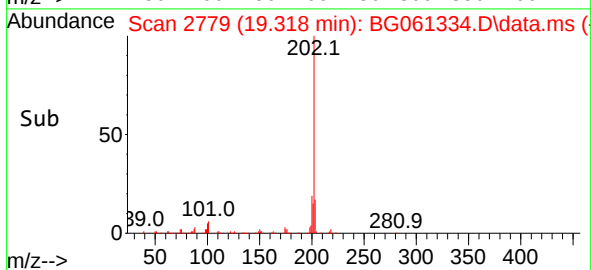
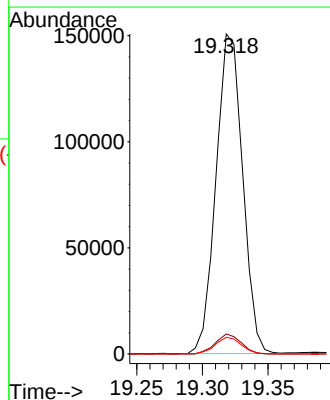
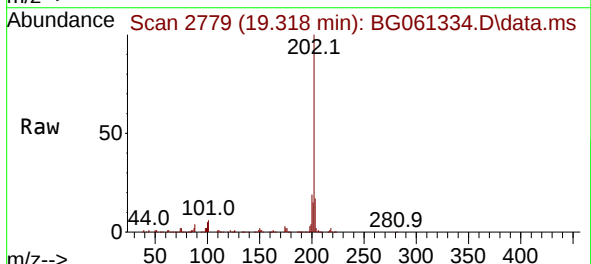
05/30/2024
Supervised By :mohammad
ahmed

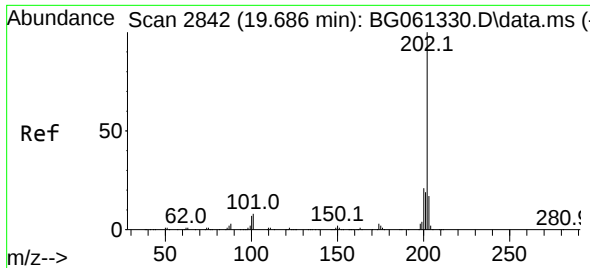
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#80
Fluoranthene
Concen: 17.158 ng/ul
RT: 19.318 min Scan# 2779
Delta R.T. -0.010 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

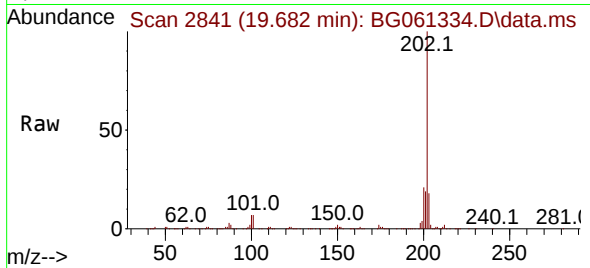
Tgt Ion:202 Resp: 212408
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 5.2 4.1 6.1





#82
 Pyrene
 Concen: 15.054 ng/ul
 RT: 19.682 min Scan# 2841
 Delta R.T. -0.004 min
 Lab File: BG061334.D
 Acq: 29 May 2024 18:44

Instrument :
 BNA_G
 ClientSampleId :
 BH662



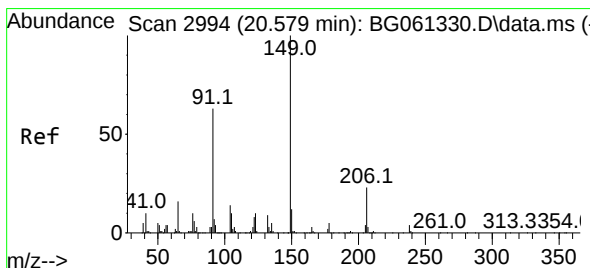
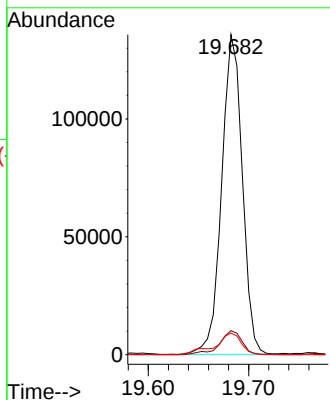
Tgt Ion:202 Resp: 193440
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.7 8.5
 100 6.7 5.1 7.7

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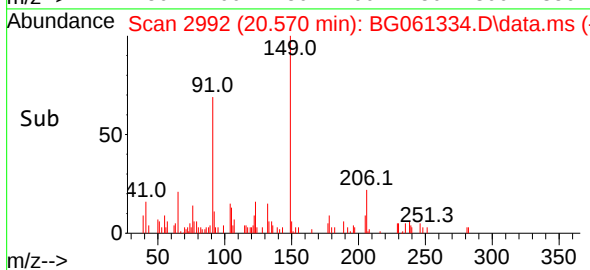
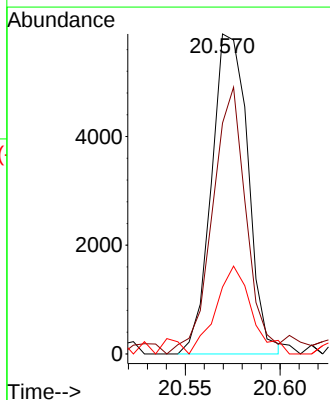
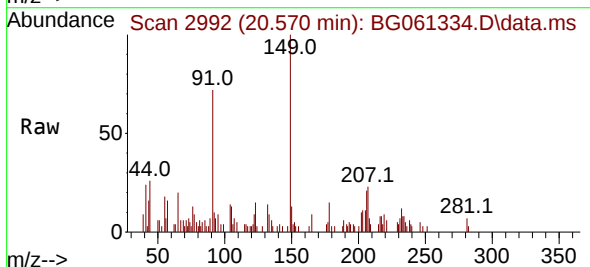
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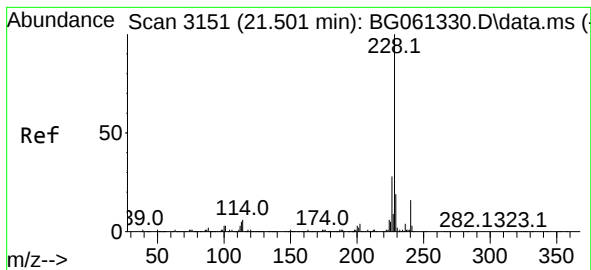
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#83
 Butylbenzylphthalate
 Concen: 1.783 ng/ul
 RT: 20.570 min Scan# 2992
 Delta R.T. -0.010 min
 Lab File: BG061334.D
 Acq: 29 May 2024 18:44

Tgt Ion:149 Resp: 7869
 Ion Ratio Lower Upper
 149 100
 91 72.2 54.8 82.2
 206 20.9 19.4 29.0





#85

Benzo(a)anthracene

Concen: 7.866 ng/ul

RT: 21.498 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Instrument :

BNA_G

ClientSampleId :

BH662

Tgt Ion:	228	Resp:	10908
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.2	22.8
226	28.2	21.4	32.2

Manual Integrations

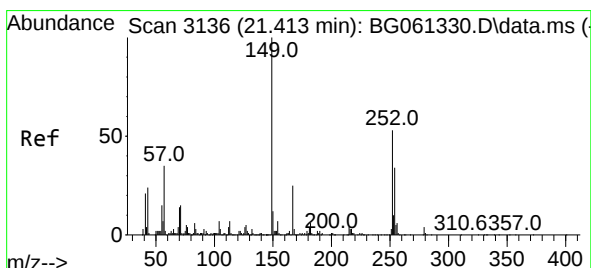
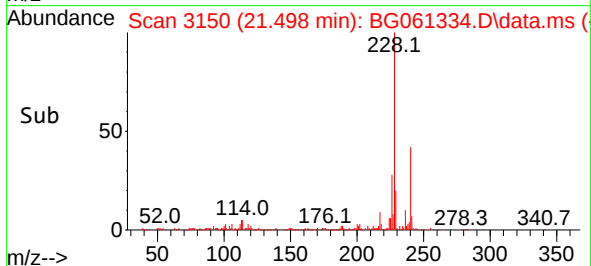
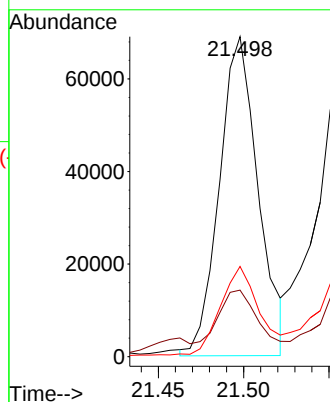
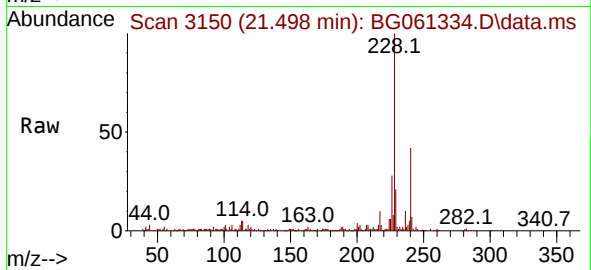
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#86

Bis(2-ethylhexyl)phthalate

Concen: 5.126 ng/ul

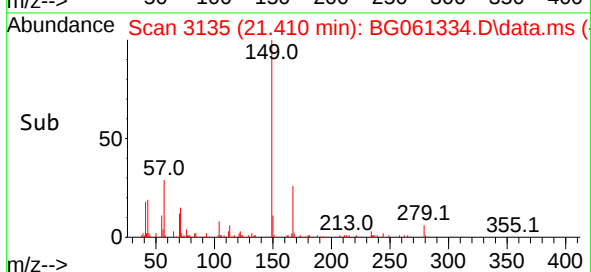
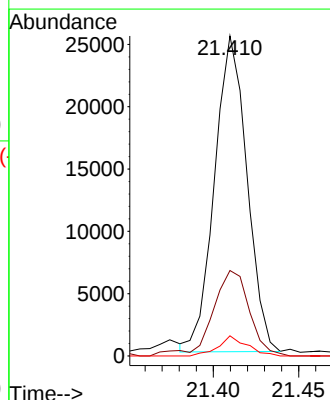
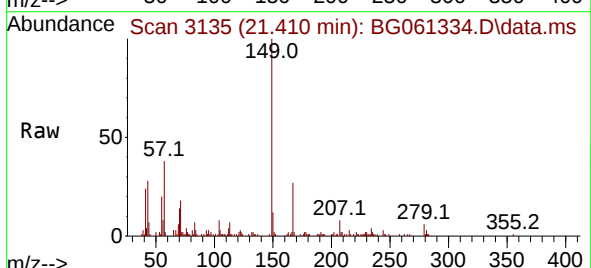
RT: 21.410 min Scan# 3135

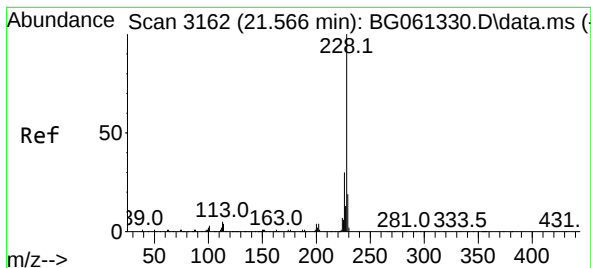
Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Tgt Ion:	149	Resp:	33493
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.1	31.7
279	6.3	3.3	4.9





#87

Chrysene

Concen: 10.099 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Instrument :

BNA_G

ClientSampleId :

BH662

Tgt Ion:	228	Resp:	128960
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	22.4	15.4	23.2

Manual Integrations

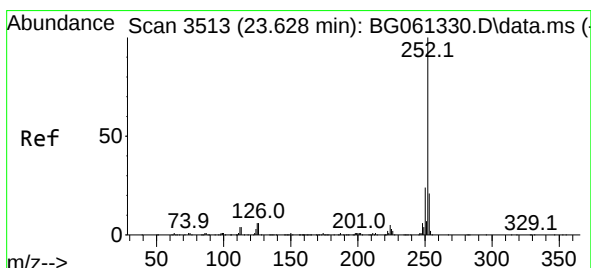
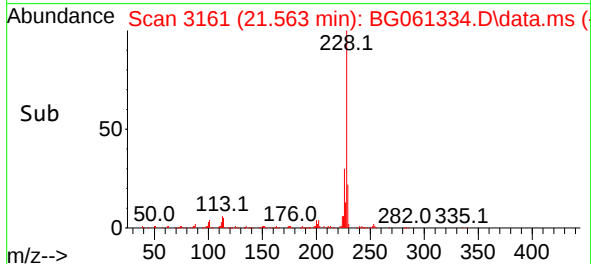
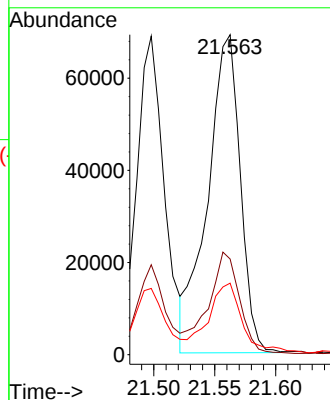
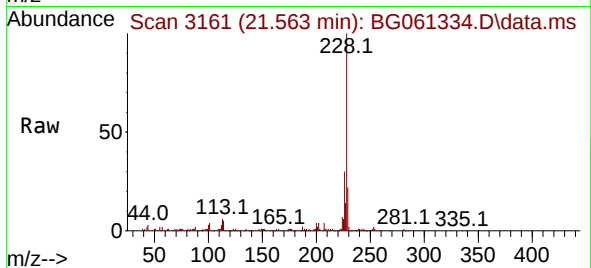
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Upadhyay

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ahmed

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#90

Benzo(b)fluoranthene

Concen: 12.752 ng/ul

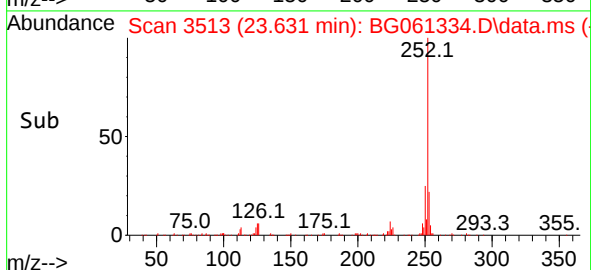
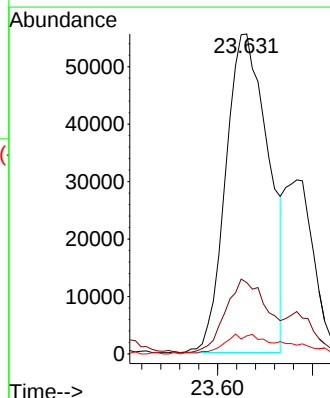
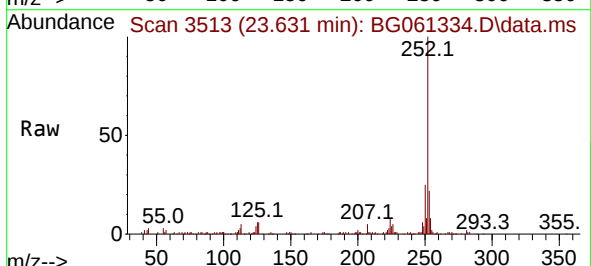
RT: 23.631 min Scan# 3513

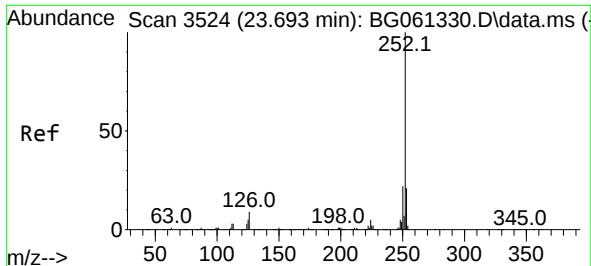
Delta R.T. 0.002 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Tgt Ion:	252	Resp:	173129
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	5.7	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 4.605 ng/ul m
RT: 23.684 min Scan# 3522
Delta R.T. -0.010 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

Instrument :
BNA_G
ClientSampleId :
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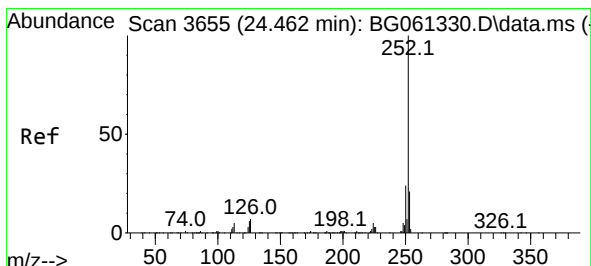
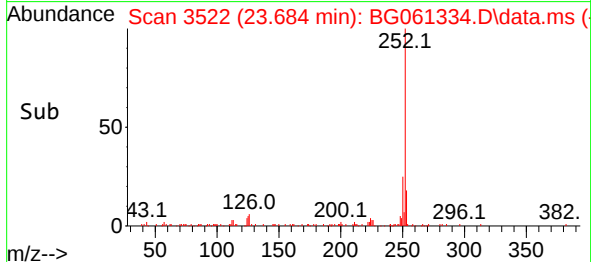
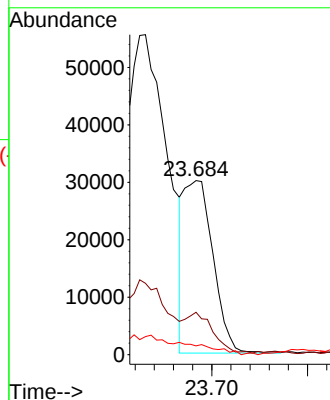
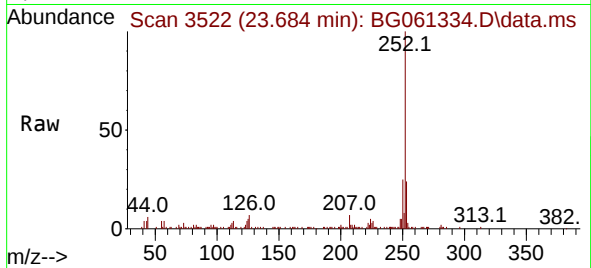
Tgt Ion:252 Resp: 63460
Ion Ratio Lower Upper
252 100
253 24.4 16.0 24.0
125 5.1 4.3 6.5

Manual Integrations
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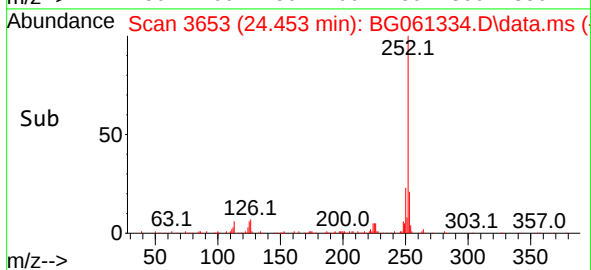
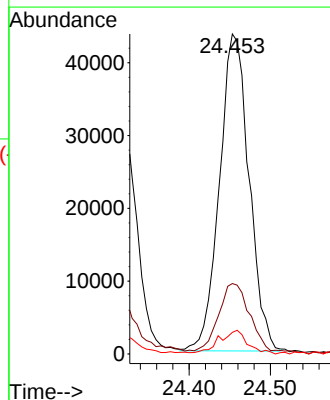
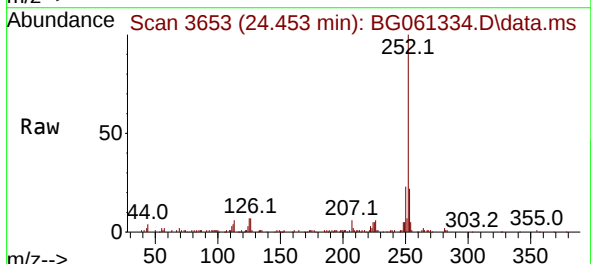
05/30/2024
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ahmed

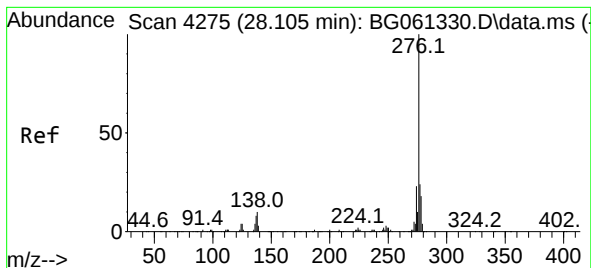
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#93
Benzo(a)pyrene
Concen: 8.551 ng/ul
RT: 24.453 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

Tgt Ion:252 Resp: 110239
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 6.8 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.200 ng/ul m

RT: 28.096 min Scan# 4275

Delta R.T. -0.010 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Instrument :

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Tgt Ion:	276	Resp:	81070
Ion Ratio	Lower	Upper	
276	100		
138	14.5	8.6	13.0
277	26.3	19.7	29.5

Manual Integrations

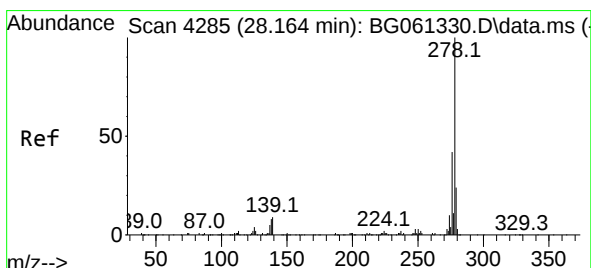
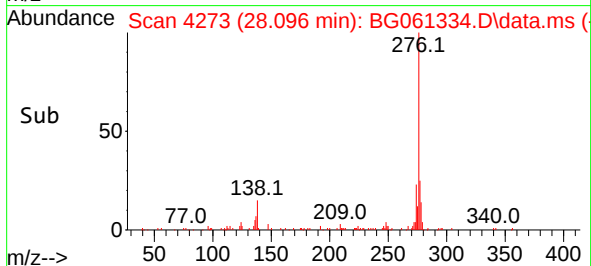
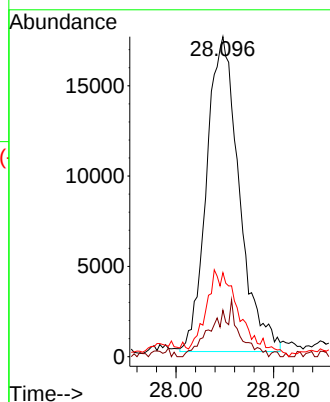
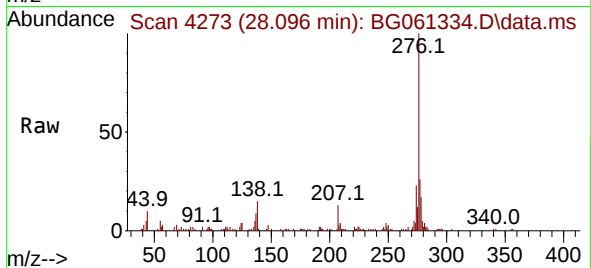
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06/01/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.835 ng/ul m

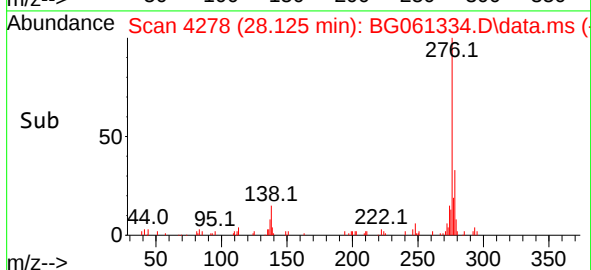
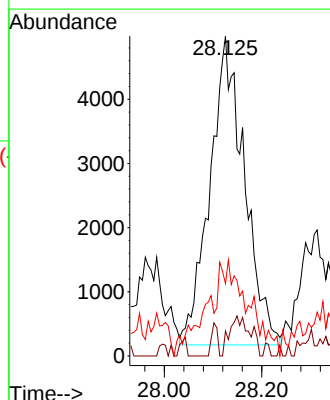
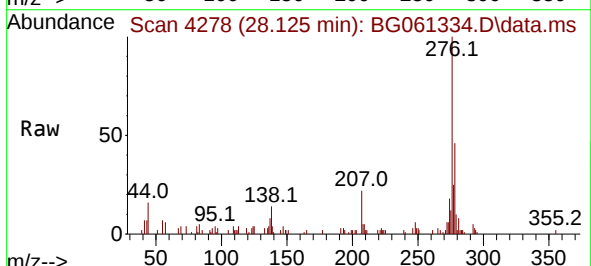
RT: 28.125 min Scan# 4278

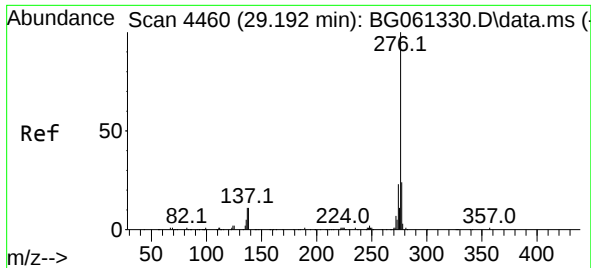
Delta R.T. -0.034 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

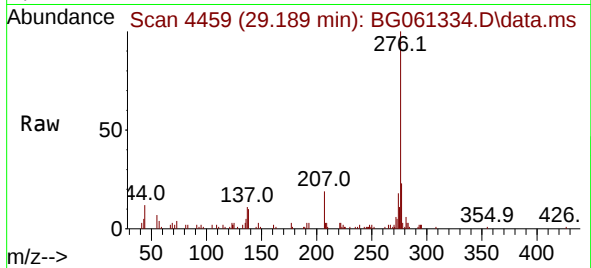
Tgt Ion:	278	Resp:	23589
Ion Ratio	Lower	Upper	
278	100		
139	7.8	6.4	9.6
279	22.6	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 5.872 ng/ul m
RT: 29.189 min Scan# 44
Delta R.T. -0.004 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

Instrument :
BNA_G
ClientSampleId :
BH662



Tgt Ion:276 Resp: 72834
Ion Ratio Lower Upper
276 100
138 10.5 8.7 13.1
277 22.6 18.2 27.2

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