

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061398.D
 Acq On : 31 May 2024 18:12
 Operator : MA/JU
 Sample : P2588-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S6

Manual Integrations
 APPROVED

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

Quant Time: May 31 23:39:51 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	7.871	152	24164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	95134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	74086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.254	188	188488	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.508	240	200359	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	226148	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1052	2.436	ng/uL	0.00
4) Pyridine-d5	3.740	84	16827	10.954	ng/ul	0.00
7) Phenol-d5	7.054	99	29288	14.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	15774	12.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	19216	13.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	21603	12.767	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	10687	14.590	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	12469	14.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	28071	16.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	29772	13.617	ng/ul	0.00
46) Dimethylphthalate-d6	13.911	166	104694	18.220	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	108851	18.222	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13966m	19.660	ng/ul	0.00
60) Fluorene-d10	15.503	176	101508	20.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18704	16.407	ng/ul	0.00
73) Anthracene-d10	17.354	188	191454	23.039	ng/ul	0.00
81) Pyrene-d10	19.651	212	247837	24.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	266587	24.520	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.301	178	34728	3.796	ng/ul	97
80) Fluoranthene	19.316	202	87621	7.100	ng/ul	99
82) Pyrene	19.681	202	79912	6.238	ng/ul	98
85) Benzo(a)anthracene	21.490	228	43687	3.160	ng/ul	97
87) Chrysene	21.555	228	47804	3.755	ng/ul	96
90) Benzo(b)fluoranthene	23.623	252	66964	4.973	ng/ul	94
91) Benzo(k)fluoranthene	23.670	252	17855m	1.306	ng/ul	
93) Benzo(a)pyrene	24.440	252	44235	3.460	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.082	276	32880m	2.127	ng/ul	
96) Benzo(g,h,i)perylene	29.169	276	30456m	2.476	ng/ul	

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

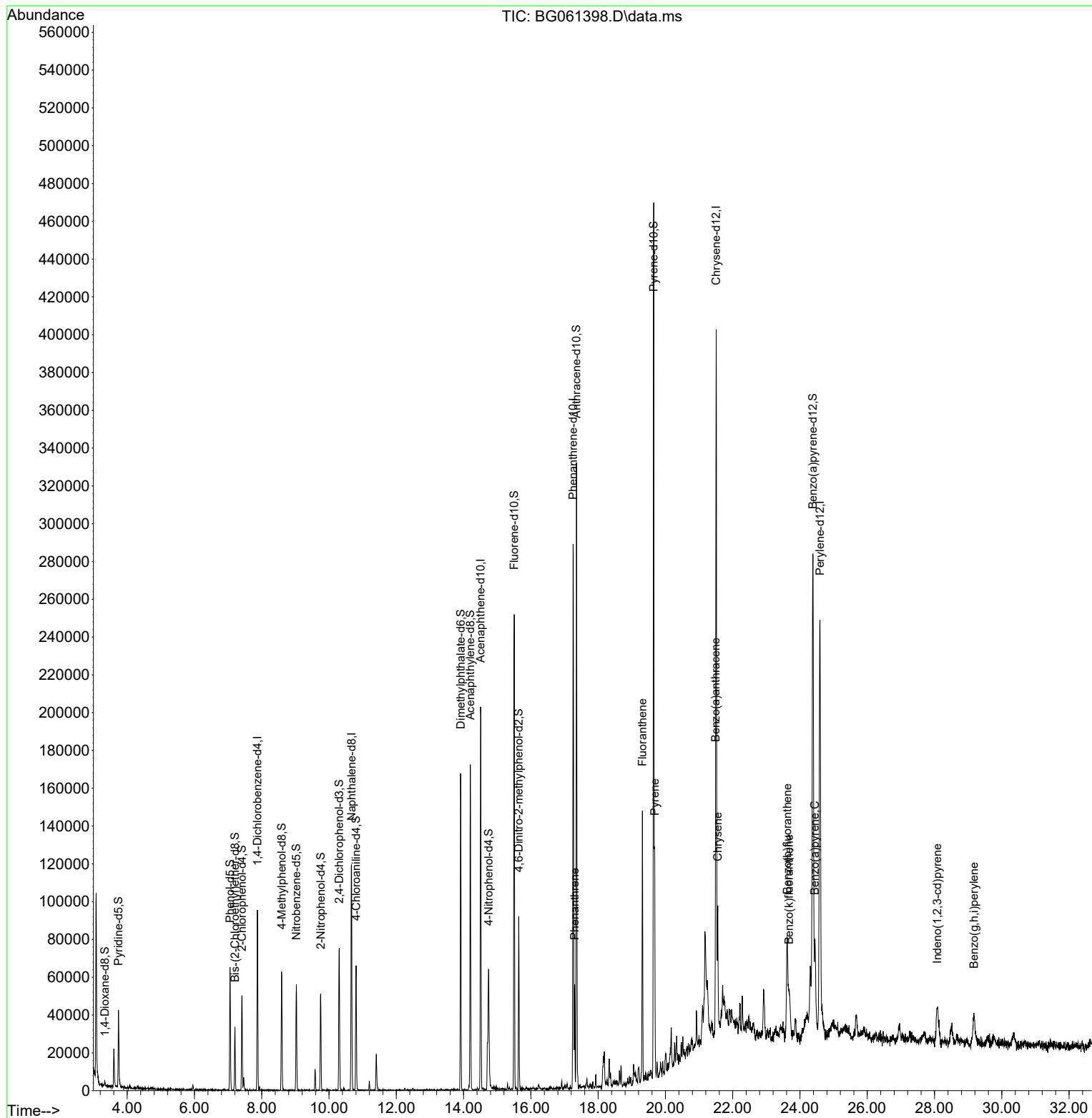
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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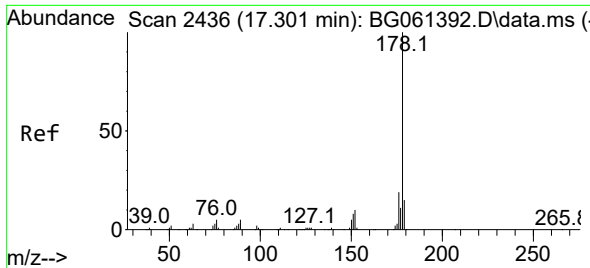
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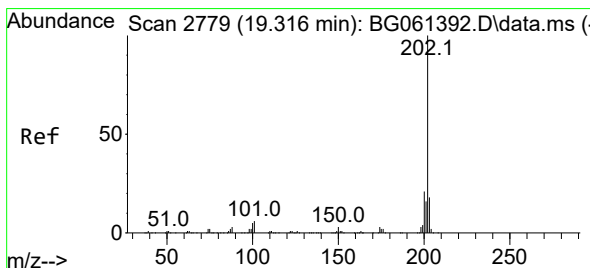
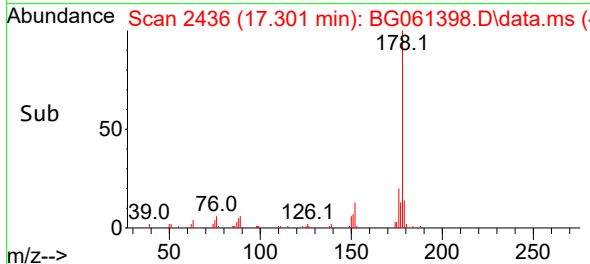
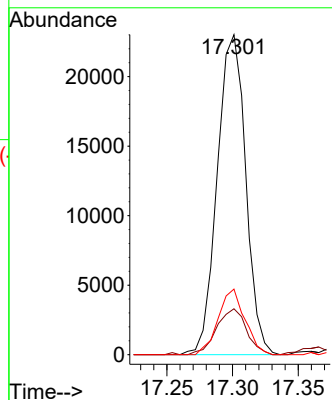
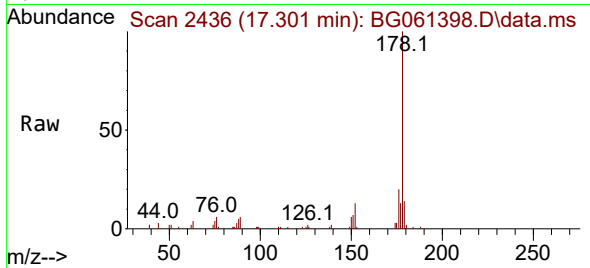
#72
Phenanthrene
Concen: 3.796 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12

Instrument :
BNA_G
ClientSampleId :
BH5S6

Tgt Ion:178 Resp: 34728
Ion Ratio Lower Upper
178 100
179 14.4 12.7 19.1
176 20.5 15.5 23.3

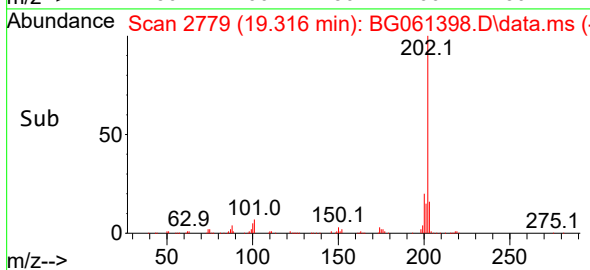
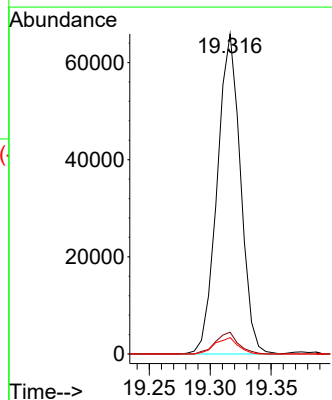
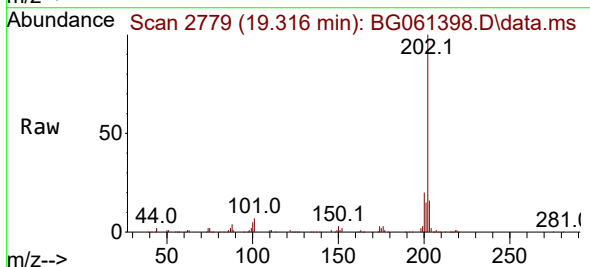
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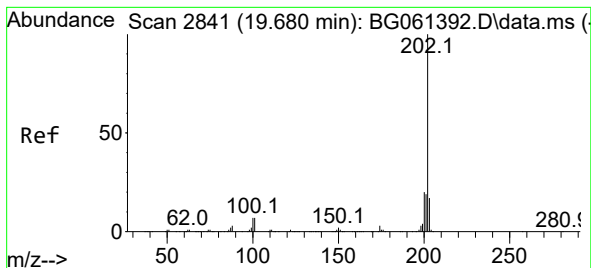
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#80
Fluoranthene
Concen: 7.100 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12

Tgt Ion:202 Resp: 87621
Ion Ratio Lower Upper
202 100
101 6.8 4.8 7.2
100 5.1 4.1 6.1





#82

Pyrene

Concen: 6.238 ng/ul

RT: 19.681 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG061398.D

Acq: 31 May 2024 18:12

Instrument :

BNA_G

ClientSampleId :

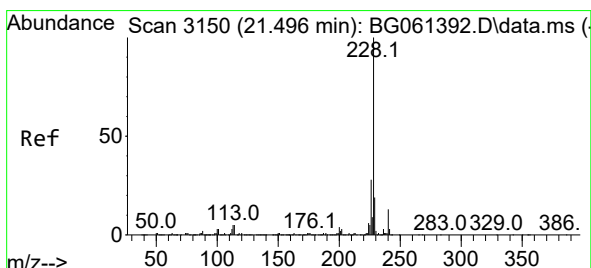
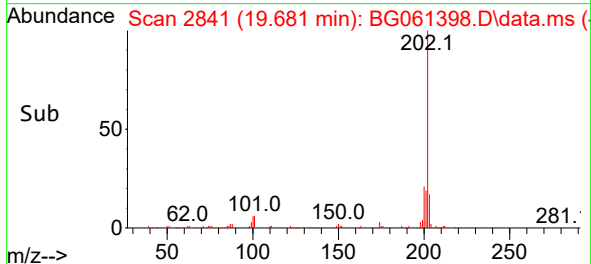
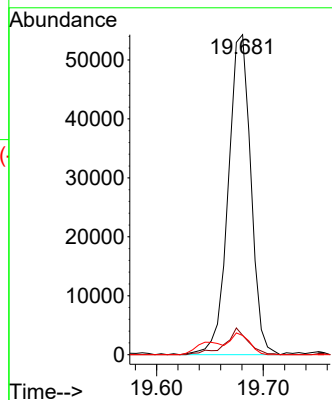
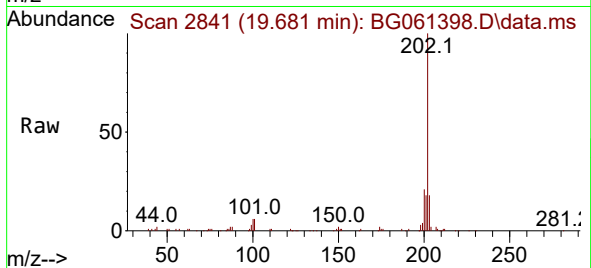
BH5S6

Tgt Ion:	202	Resp:	7991
Ion Ratio	Lower	Upper	
202	100		
101	6.1	5.7	8.5
100	6.0	5.1	7.7

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Supervised By :mohammad ahmed 06/04/2024



#85

Benzo(a)anthracene

Concen: 3.160 ng/ul

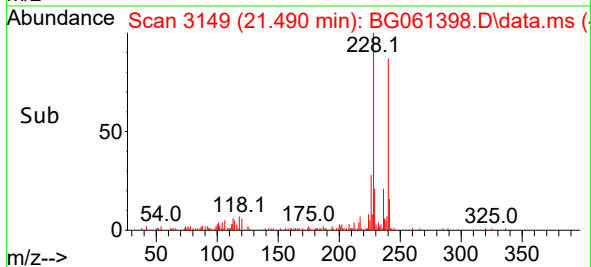
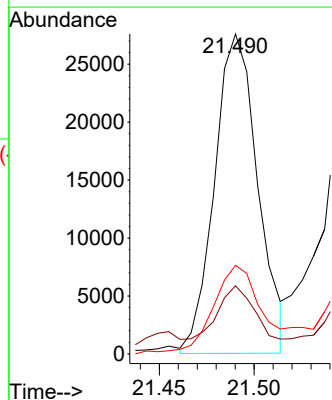
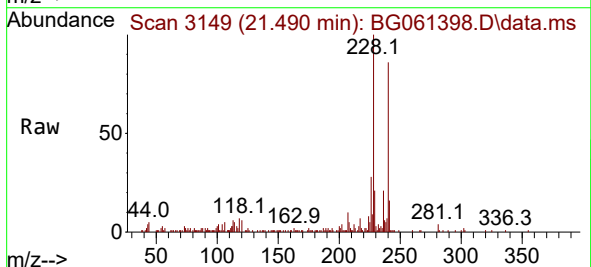
RT: 21.490 min Scan# 3149

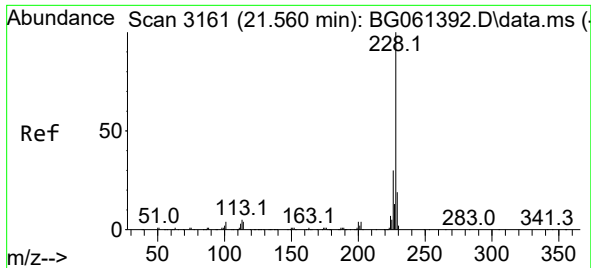
Delta R.T. -0.004 min

Lab File: BG061398.D

Acq: 31 May 2024 18:12

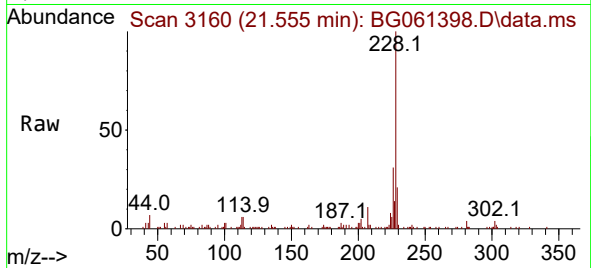
Tgt Ion:	228	Resp:	43687
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.2	22.8
226	27.7	21.4	32.2





#87
Chrysene
Concen: 3.755 ng/ul
RT: 21.555 min Scan# 3160
Delta R.T. 0.002 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12

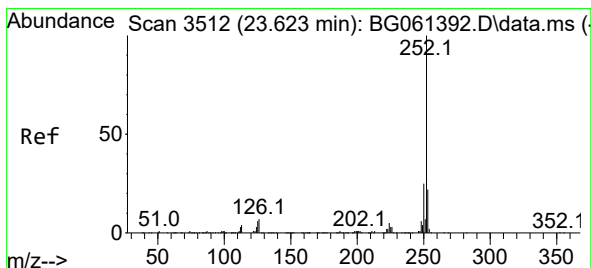
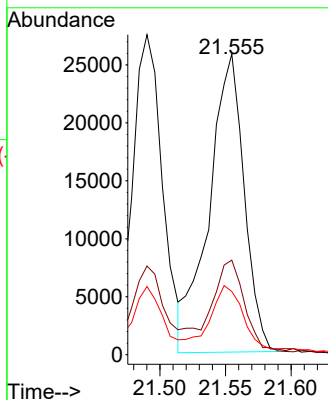
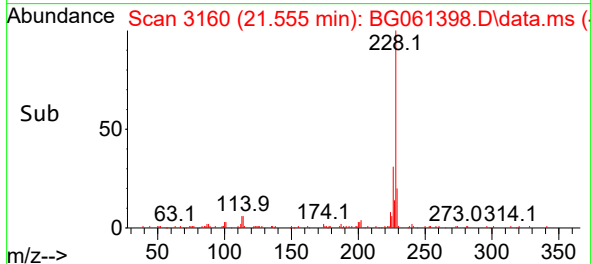
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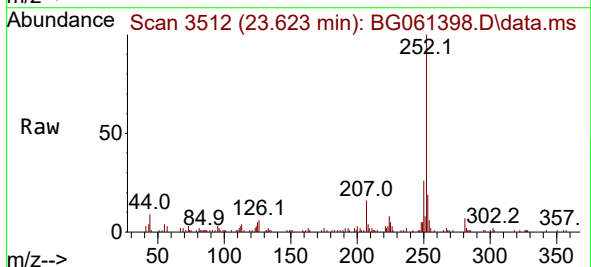
Tgt Ion:228 Resp: 47804
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.0
229 21.0 15.4 23.2

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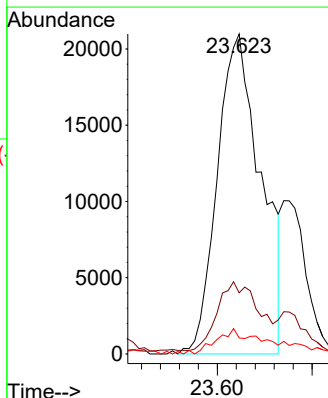
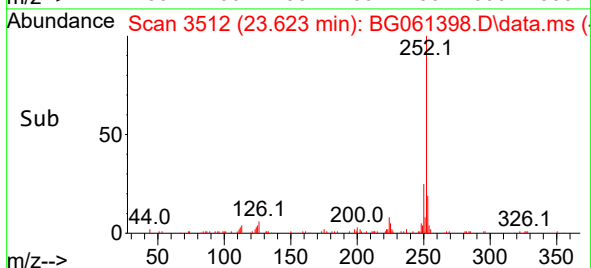
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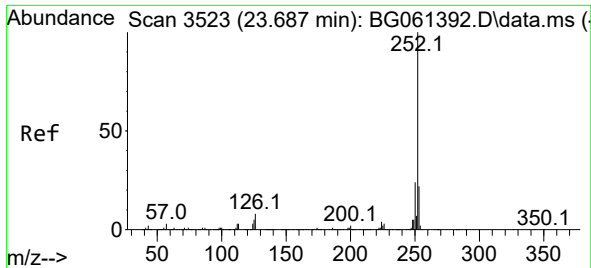


#90
Benzo(b)fluoranthene
Concen: 4.973 ng/ul
RT: 23.623 min Scan# 3512
Delta R.T. 0.008 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12



Tgt Ion:252 Resp: 66964
Ion Ratio Lower Upper
252 100
253 19.1 17.8 26.8
125 5.0 4.6 6.8





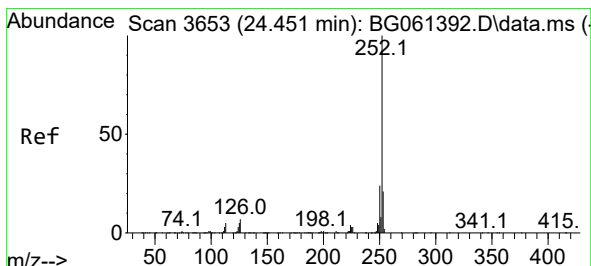
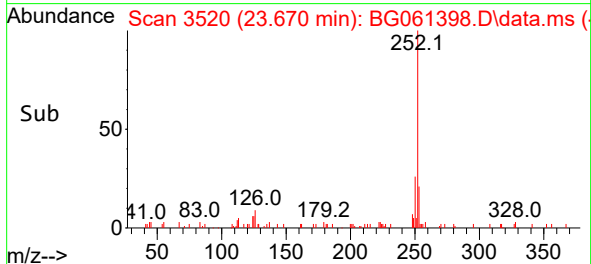
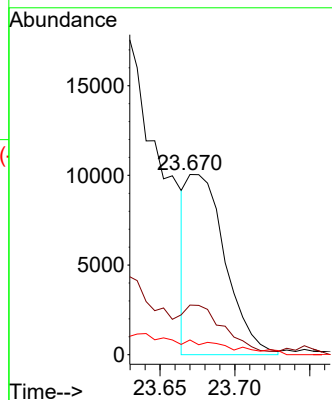
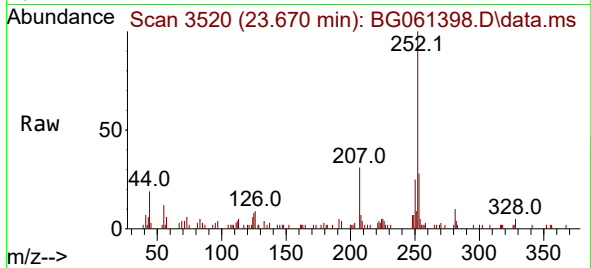
#91
Benzo(k)fluoranthene
Concen: 1.306 ng/ul m
RT: 23.670 min Scan# 3520
Delta R.T. -0.010 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12

Instrument :
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Tgt Ion:252 Resp: 1785
Ion Ratio Lower Upper
252 100
253 27.5 16.0 24.0
125 8.2 4.3 6.5

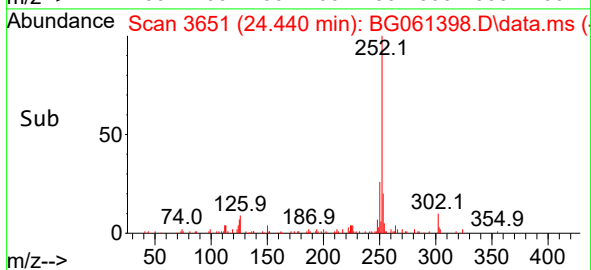
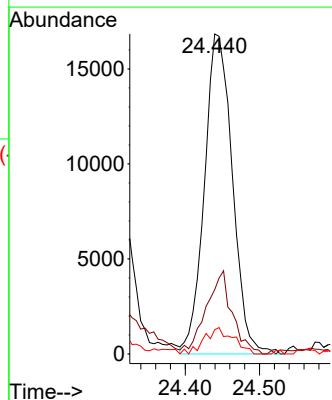
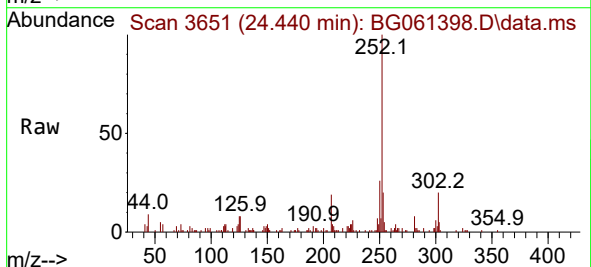
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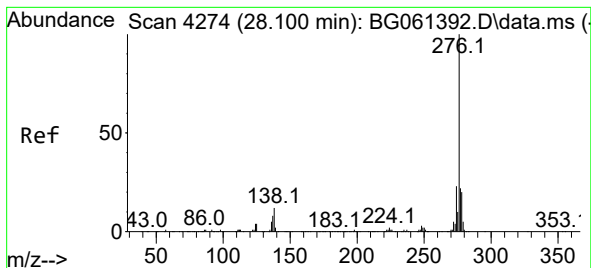
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#93
Benzo(a)pyrene
Concen: 3.460 ng/ul
RT: 24.440 min Scan# 3651
Delta R.T. -0.010 min
Lab File: BG061398.D
Acq: 31 May 2024 18:12

Tgt Ion:252 Resp: 44235
Ion Ratio Lower Upper
252 100
253 20.1 16.4 24.6
125 7.6 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.127 ng/ul m

RT: 28.082 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG061398.D

Acq: 31 May 2024 18:12

Instrument :

BNA_G

ClientSampleId :

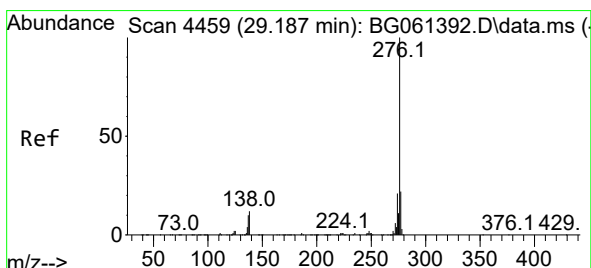
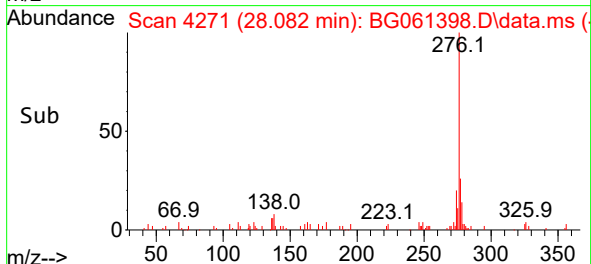
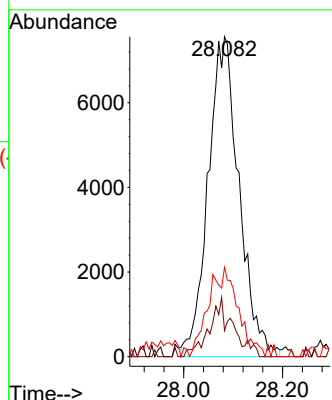
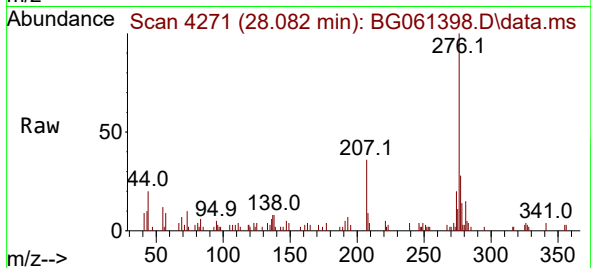
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Tgt Ion:	276	Resp:	32880
Ion Ratio	Lower	Upper	
276	100		
138	8.2	8.6	13.0
277	28.0	19.7	29.5

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#96

Benzo(g,h,i)perylene

Concen: 2.476 ng/ul m

RT: 29.169 min Scan# 4456

Delta R.T. -0.004 min

Lab File: BG061398.D

Acq: 31 May 2024 18:12

Tgt Ion:	276	Resp:	30456
Ion Ratio	Lower	Upper	
276	100		
138	11.5	8.7	13.1
277	26.9	18.2	27.2

