

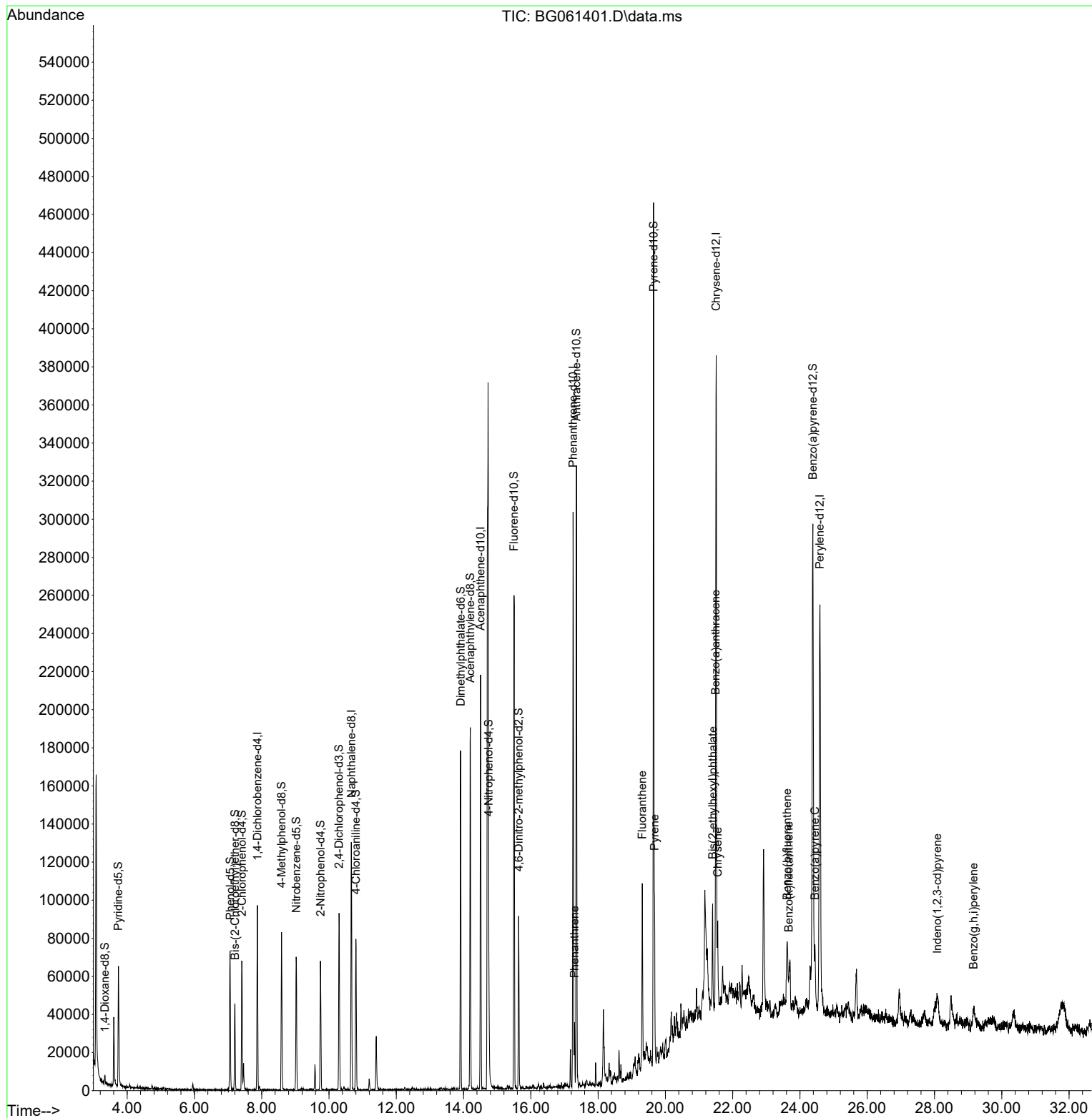
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061401.D
 Acq On : 31 May 2024 20:15
 Operator : MA/JU
 Sample : P2588-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

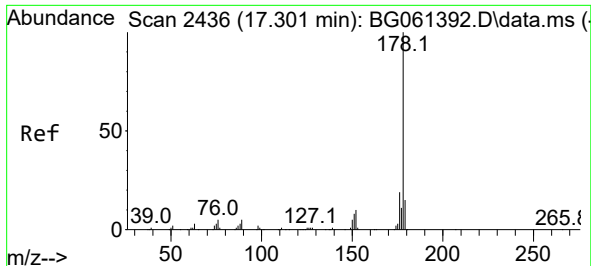
Instrument :
 BNA_G
 ClientSampleId :
 BH5W1

Quant Time: May 31 22:58:37 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

Manual Integrations APPROVED

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





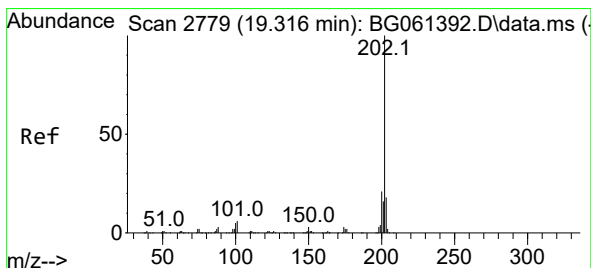
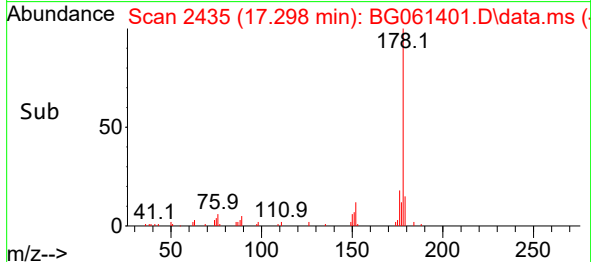
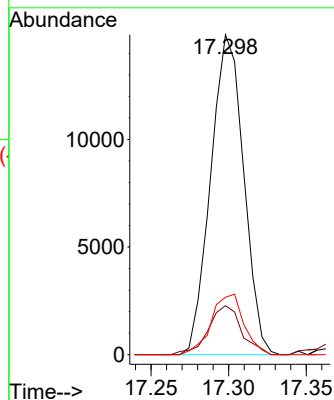
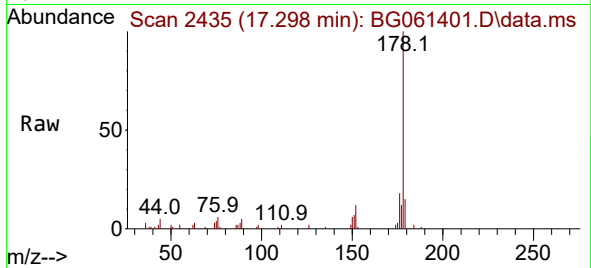
#72
Phenanthrene
Concen: 2.435 ng/ul
RT: 17.298 min Scan# 2436
Delta R.T. -0.001 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

Instrument :
BNA_G
ClientSampleId :
BH5W1

Tgt Ion:178 Resp: 21997
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 18.0 15.5 23.3

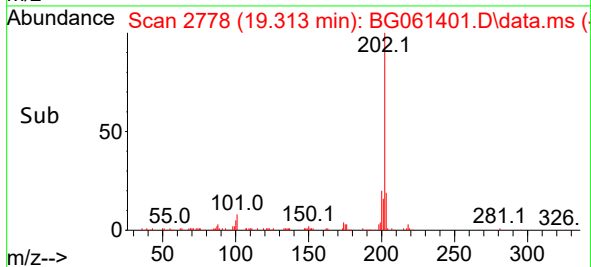
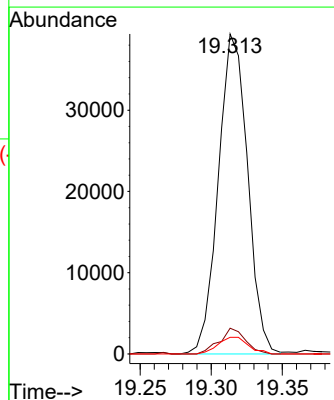
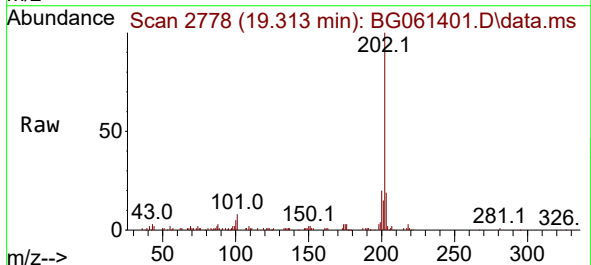
Manual Integrations
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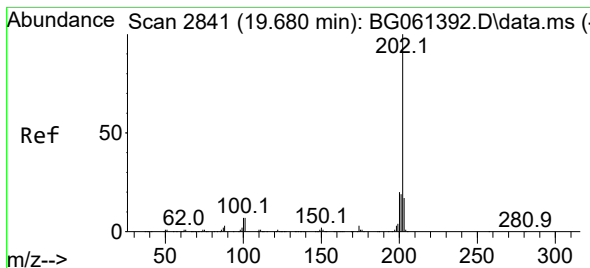
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#80
Fluoranthene
Concen: 4.775 ng/ul
RT: 19.313 min Scan# 2778
Delta R.T. -0.001 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

Tgt Ion:202 Resp: 56394
Ion Ratio Lower Upper
202 100
101 8.1 4.8 7.2#
100 5.2 4.1 6.1





#82

Pyrene

Concen: 4.373 ng/ul

RT: 19.678 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061401.D

Acq: 31 May 2024 20:15

Instrument :

BNA_G

ClientSampleId :

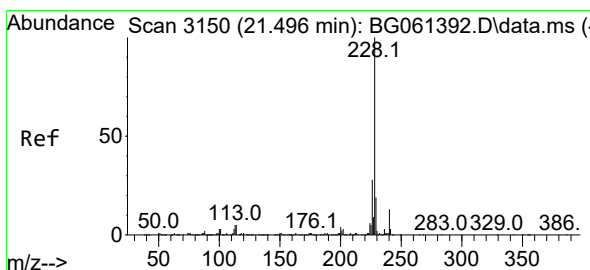
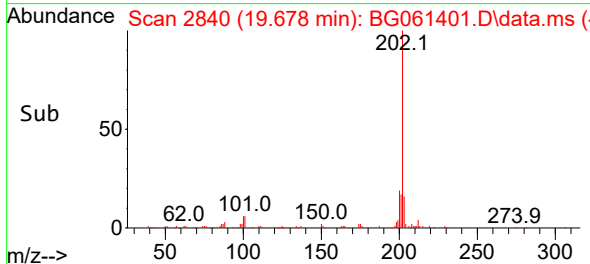
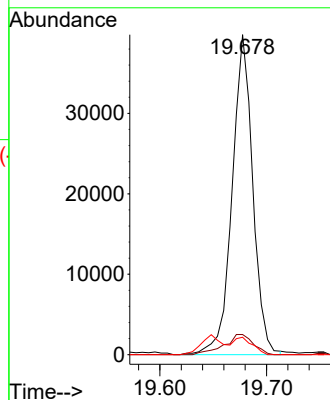
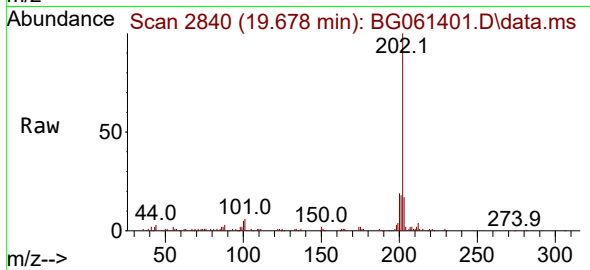
BH5W1

Tgt Ion:	202	Resp:	53604
Ion Ratio	Lower	Upper	
202	100		
101	6.3	5.7	8.5
100	5.4	5.1	7.7

Manual Integrations

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



#85

Benzo(a)anthracene

Concen: 2.518 ng/ul

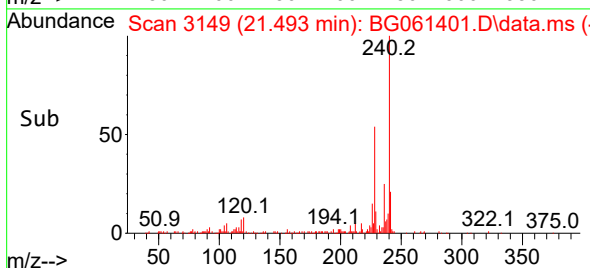
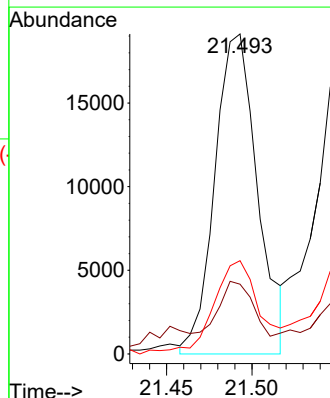
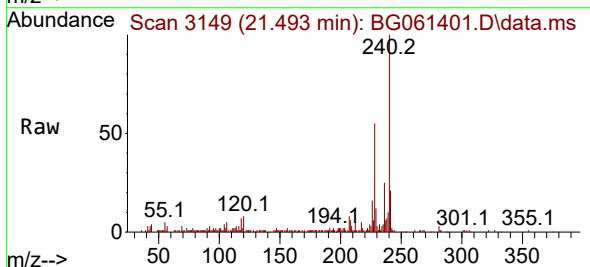
RT: 21.493 min Scan# 3149

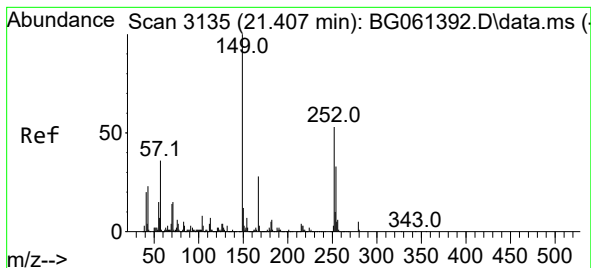
Delta R.T. -0.001 min

Lab File: BG061401.D

Acq: 31 May 2024 20:15

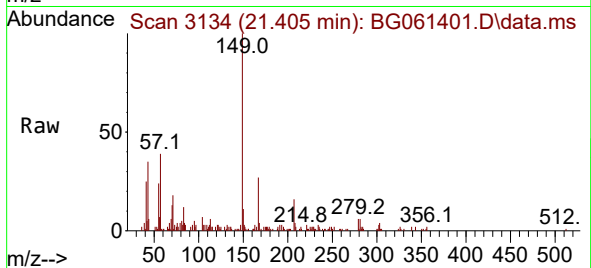
Tgt Ion:	228	Resp:	33317
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.2	22.8
226	29.2	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.129 ng/ul
RT: 21.405 min Scan# 3135
Delta R.T. -0.001 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

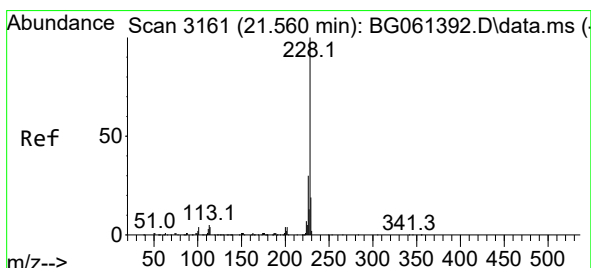
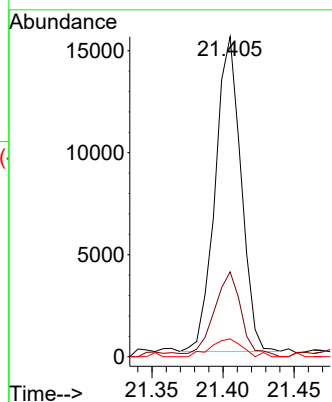
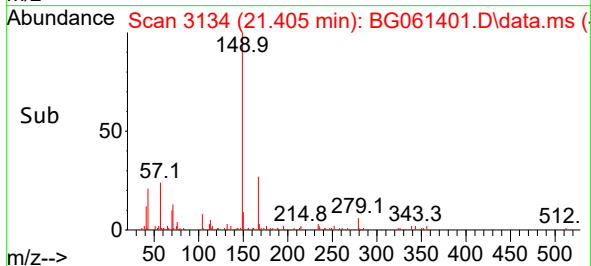
Instrument :
BNA_G
ClientSampleId :
BH5W1



Tgt Ion:149 Resp: 1950
Ion Ratio Lower Upper
149 100
167 26.5 21.1 31.7
279 5.6 3.3 4.9

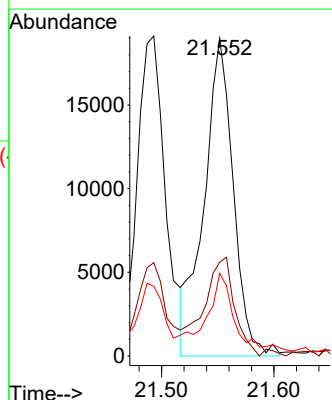
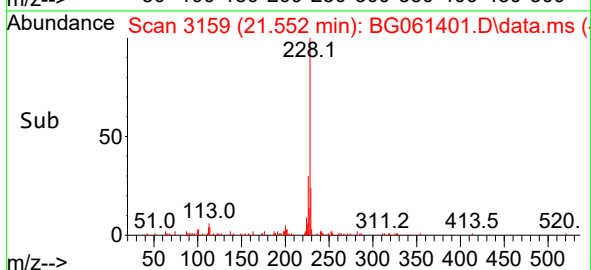
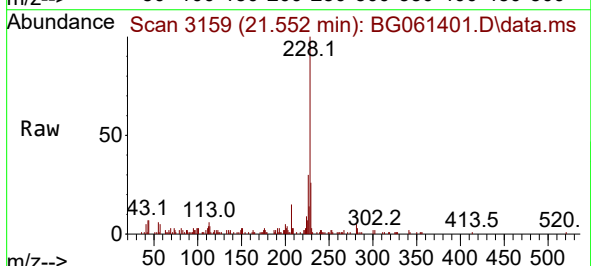
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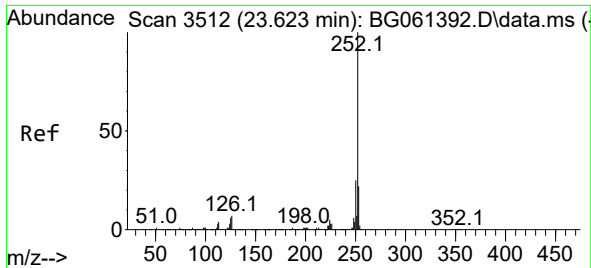
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#87
Chrysene
Concen: 2.837 ng/ul m
RT: 21.552 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

Tgt Ion:228 Resp: 34555
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.0
229 26.0 15.4 23.2





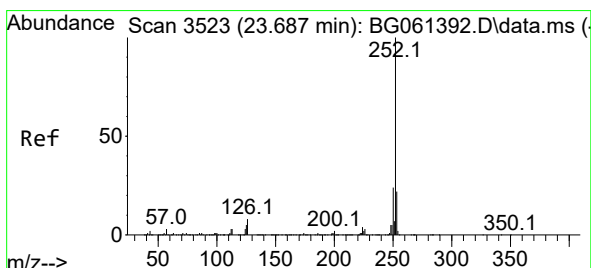
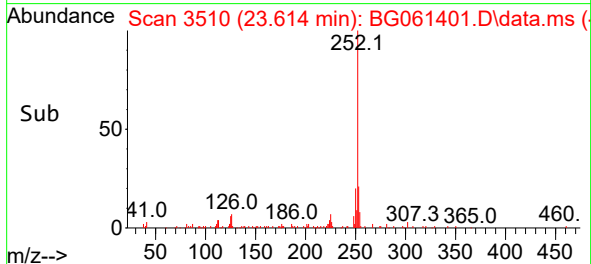
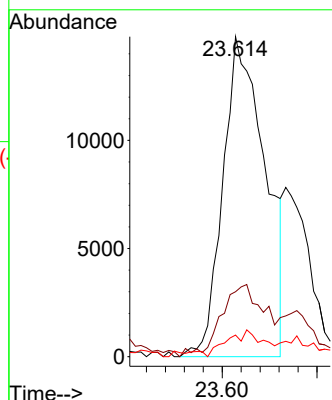
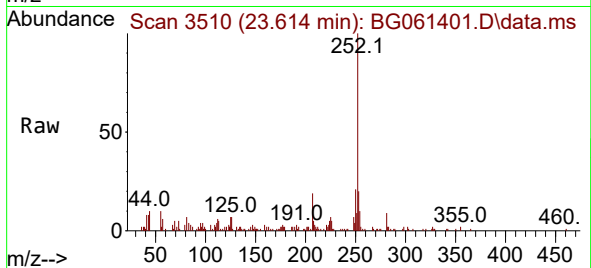
#90
Benzo(b)fluoranthene
Concen: 3.546 ng/ul
RT: 23.614 min Scan# 3510
Delta R.T. -0.001 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

Instrument :
BNA_G
ClientSampleId :
BH5W1

Tgt Ion:252 Resp: 45738
Ion Ratio Lower Upper
252 100
253 20.3 17.8 26.8
125 6.8 4.6 6.8

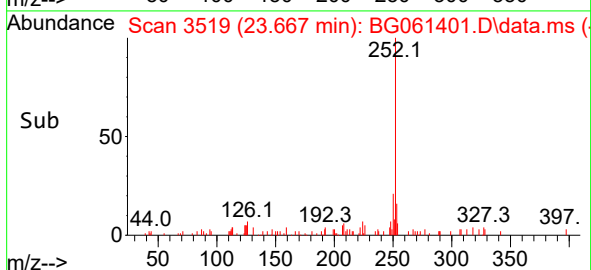
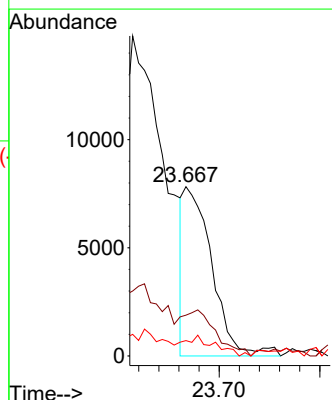
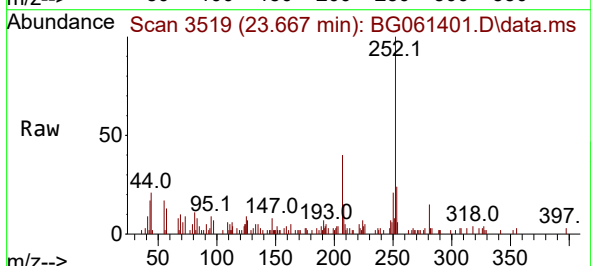
Manual Integrations
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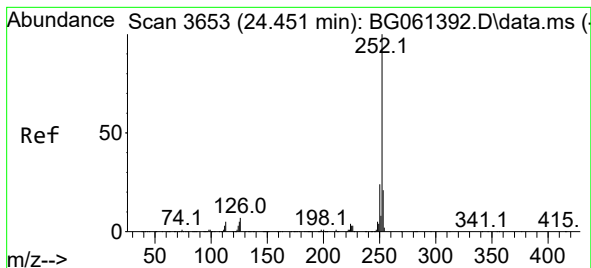
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#91
Benzo(k)fluoranthene
Concen: 1.159 ng/ul m
RT: 23.667 min Scan# 3519
Delta R.T. -0.013 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

Tgt Ion:252 Resp: 15181
Ion Ratio Lower Upper
252 100
253 24.1 16.0 24.0#
125 9.1 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 2.376 ng/ul

RT: 24.448 min Scan# 30

Delta R.T. -0.001 min

Lab File: BG061401.D

Acq: 31 May 2024 20:15

Instrument :

BNA_G

ClientSampleId :

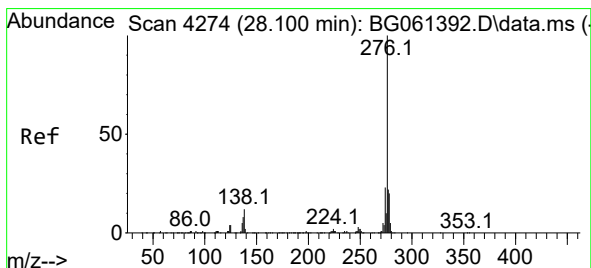
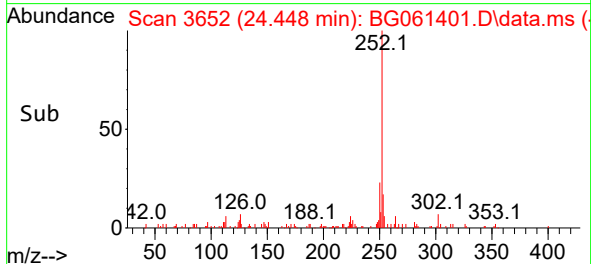
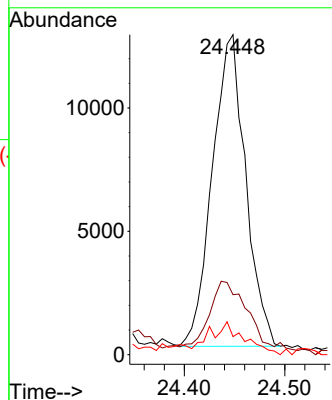
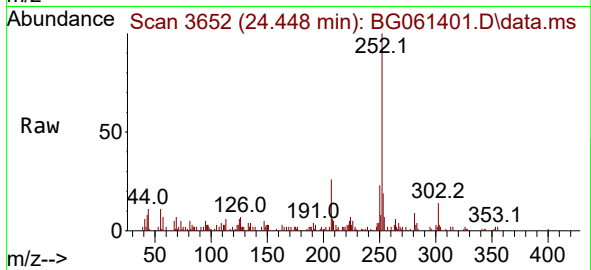
BH5W1

Tgt Ion:	252	Resp:	2909
Ion Ratio	Lower	Upper	
252	100		
253	18.8	16.4	24.6
125	5.7	4.3	6.5

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.516 ng/ul m

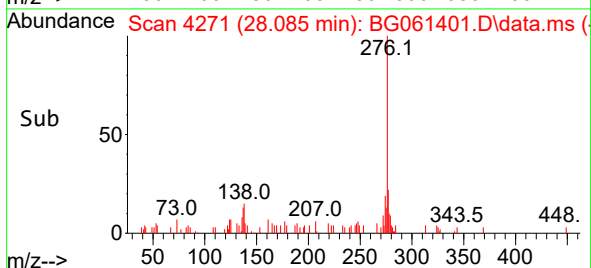
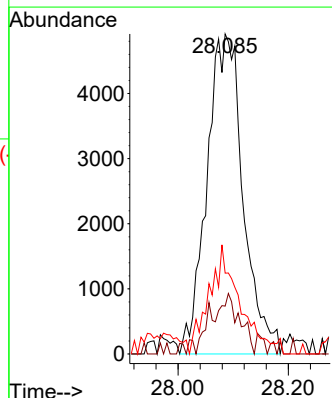
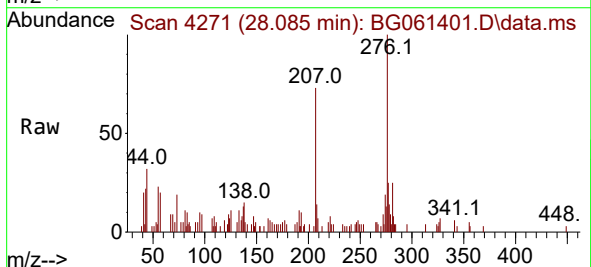
RT: 28.085 min Scan# 4271

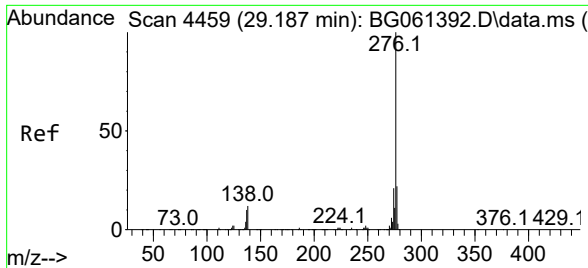
Delta R.T. -0.007 min

Lab File: BG061401.D

Acq: 31 May 2024 20:15

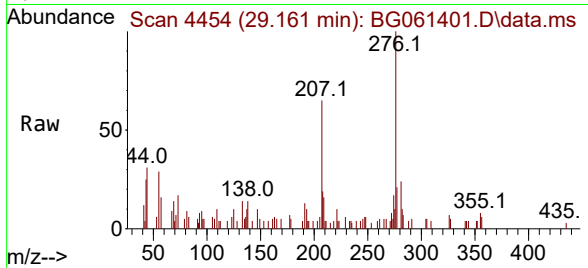
Tgt Ion:	276	Resp:	22449
Ion Ratio	Lower	Upper	
276	100		
138	15.0	8.6	13.0#
277	25.3	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 1.811 ng/ul m
RT: 29.161 min Scan# 44
Delta R.T. -0.013 min
Lab File: BG061401.D
Acq: 31 May 2024 20:15

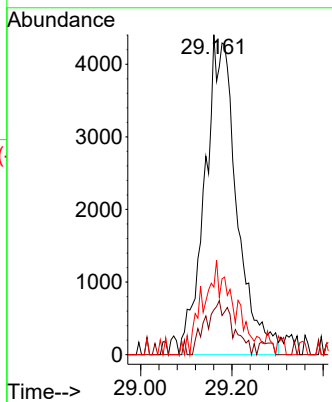
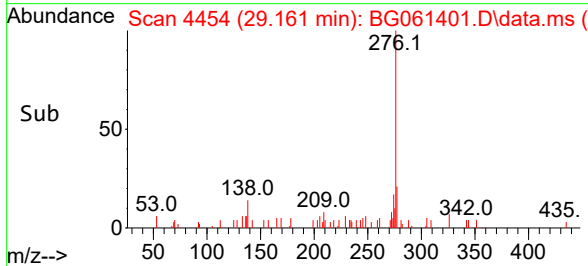
Instrument :
BNA_G
ClientSampleId :
BH5W1



Tgt Ion:276 Resp: 21330
Ion Ratio Lower Upper
276 100
138 14.0 8.7 13.1
277 21.1 18.2 27.2

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061401.D
 Acq On : 31 May 2024 20:15
 Operator : MA/JU
 Sample : P2588-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W1

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

Quant Time: May 31 22:58:37 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	7.874	152	24177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.665	136	97390	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.507	164	76119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	186134	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.511	240	191735	20.000	ng/ul	0.00
88) Perylene-d12	24.589	264	216647	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1778	4.116	ng/uL	0.00
4) Pyridine-d5	3.737	84	26105	16.985	ng/ul	0.00
7) Phenol-d5	7.063	99	33706	16.977	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	21077	16.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	26952	18.342	ng/ul	0.00
15) 4-Methylphenol-d8	8.591	113	26672	15.755	ng/ul	0.00
21) Nitrobenzene-d5	9.025	128	13790	18.391	ng/ul	0.00
24) 2-Nitrophenol-d4	9.748	143	16391	18.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	33053	19.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.800	131	36563	16.336	ng/ul	0.00
46) Dimethylphthalate-d6	13.914	166	113239	19.181	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160	126523	20.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	15407	21.109	ng/ul	0.01
60) Fluorene-d10	15.500	176	106443	20.884	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	19576m	17.389	ng/ul	0.00
73) Anthracene-d10	17.357	188	191819	23.375	ng/ul	0.00
81) Pyrene-d10	19.648	212	238989	24.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.384	264	259519	24.917	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.298	178	21997	2.435	ng/ul	98
80) Fluoranthene	19.313	202	56394	4.775	ng/ul#	97
82) Pyrene	19.678	202	53604	4.373	ng/ul	97
85) Benzo(a)anthracene	21.493	228	33317	2.518	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.405	149	19505	3.129	ng/ul#	99
87) Chrysene	21.552	228	34555m	2.837	ng/ul	
90) Benzo(b)fluoranthene	23.614	252	45738	3.546	ng/ul	96
91) Benzo(k)fluoranthene	23.667	252	15181m	1.159	ng/ul	
93) Benzo(a)pyrene	24.448	252	29097	2.376	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.085	276	22449m	1.516	ng/ul	
96) Benzo(g,h,i)perylene	29.161	276	21336m	1.811	ng/ul	

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