

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061395.D
 Acq On : 31 May 2024 16:09
 Operator : MA/JU
 Sample : P2588-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6E1

Manual Integrations
 APPROVED

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

Quant Time: May 31 17:01:28 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	22035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	84242	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	70679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	175268	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.508	240	187865	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	211182	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1748	4.439	ng/uL	0.00
4) Pyridine-d5	3.741	84	24938	17.803	ng/ul	0.00
7) Phenol-d5	7.054	99	32344	17.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	19511	17.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	25120	18.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	24836	16.096	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	12881	19.860	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	15824	20.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	30767	20.790	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	36186	18.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	122940	22.427	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	125521	22.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	12664m	18.686	ng/ul	0.00
60) Fluorene-d10	15.503	176	109304	23.096	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	15806	14.911	ng/ul	0.00
73) Anthracene-d10	17.360	188	190633	24.671	ng/ul	0.00
81) Pyrene-d10	19.651	212	257505	26.695	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	285950	28.165	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	43385	5.100	ng/ul	99
80) Fluoranthene	19.317	202	68601	5.928	ng/ul	99
82) Pyrene	19.681	202	65489	5.452	ng/ul	98
85) Benzo(a)anthracene	21.490	228	39744	3.066	ng/ul	98
87) Chrysene	21.555	228	33761m	2.829	ng/ul	
90) Benzo(b)fluoranthene	23.617	252	38128	3.032	ng/ul#	96
91) Benzo(k)fluoranthene	23.676	252	13280	1.040	ng/ul	94
93) Benzo(a)pyrene	24.446	252	30092	2.520	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.089	276	18149	1.257	ng/ul#	92
96) Benzo(g,h,i)perylene	29.176	276	16672m	1.451	ng/ul	

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

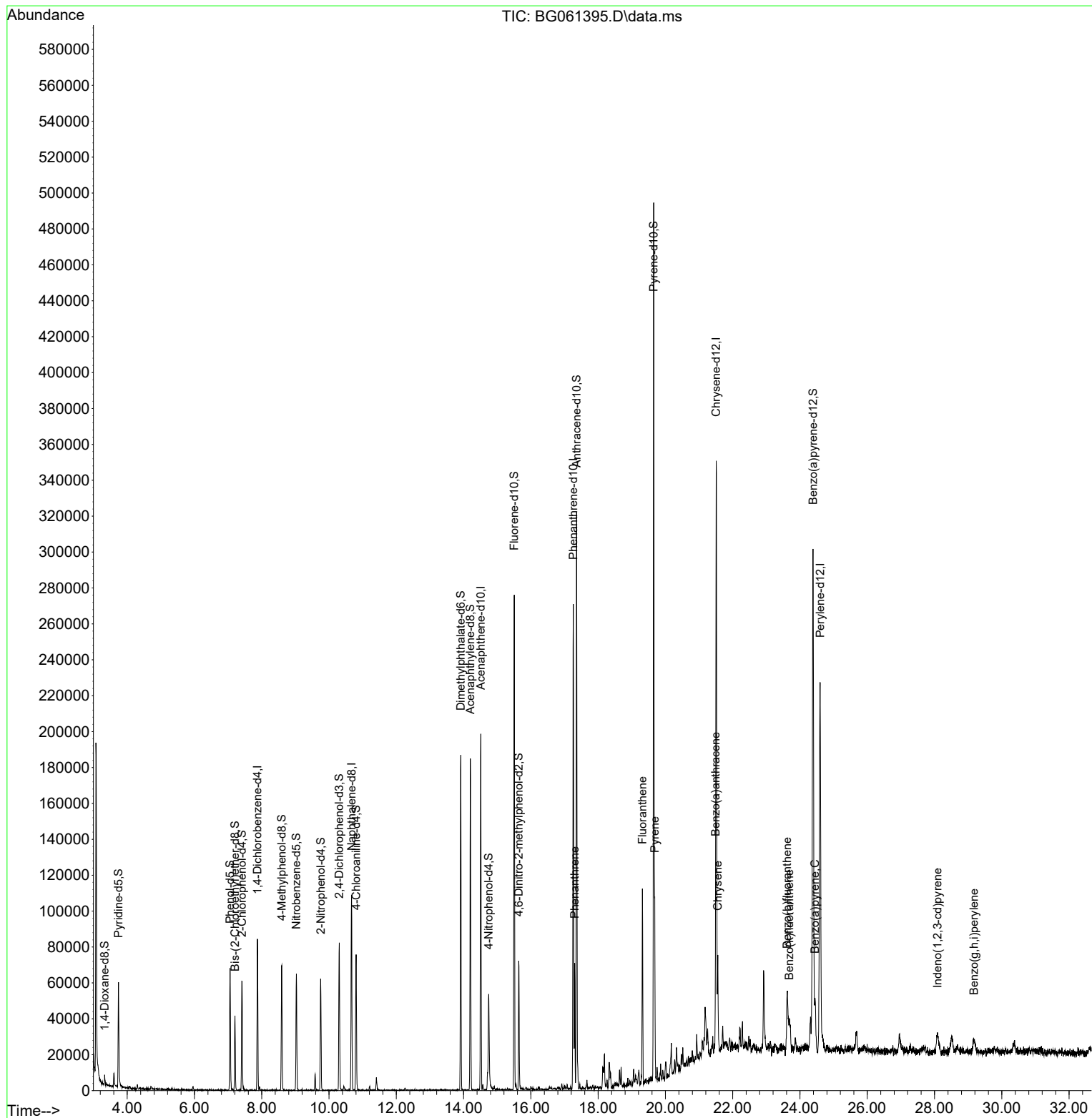
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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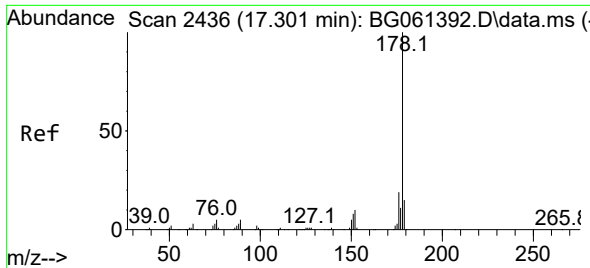
Instrument :
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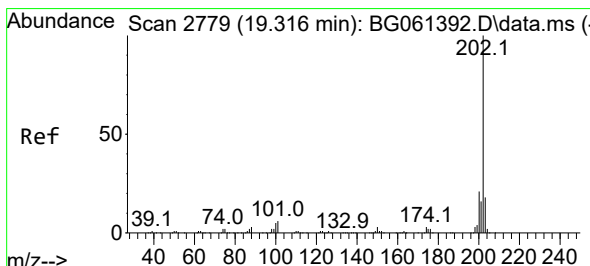
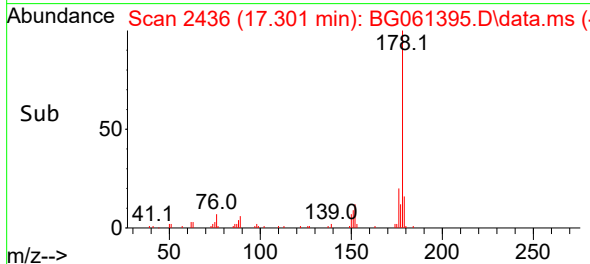
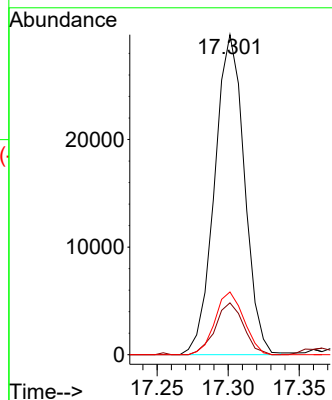
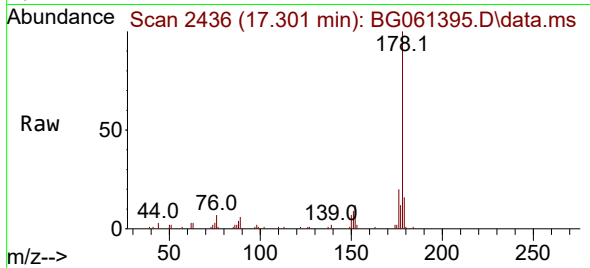
#72
Phenanthrene
Concen: 5.100 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 43385
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.6 15.5 23.3

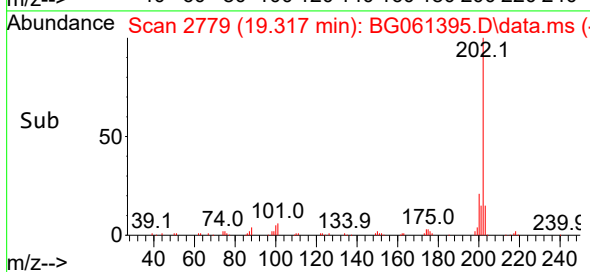
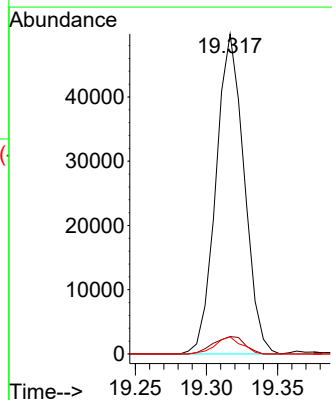
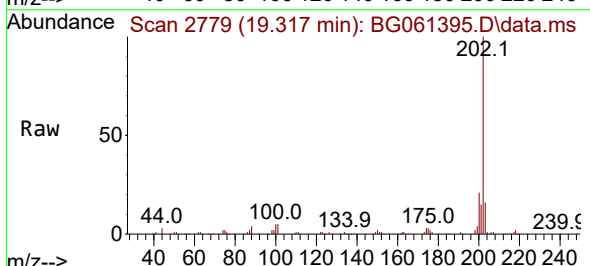
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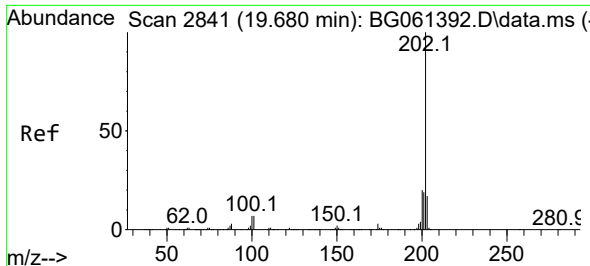
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#80
Fluoranthene
Concen: 5.928 ng/ul
RT: 19.317 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09

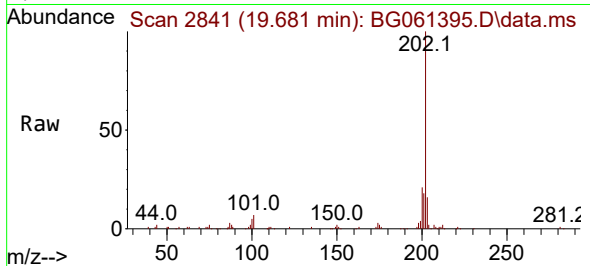
Tgt Ion:202 Resp: 68601
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 5.3 4.1 6.1





#82
Pyrene
Concen: 5.452 ng/ul
RT: 19.681 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09

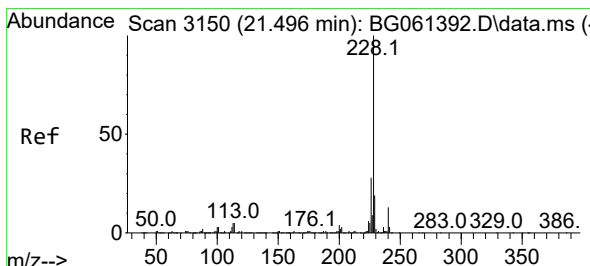
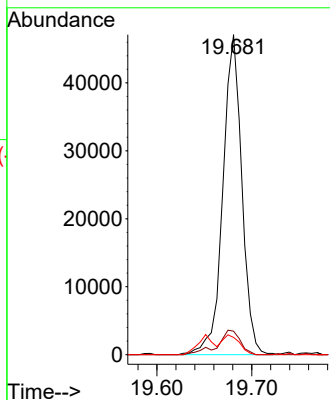
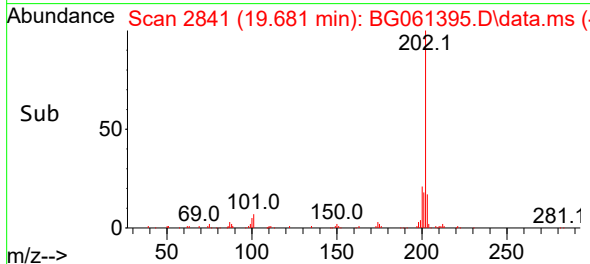
Instrument :
BNA_G
ClientSampleId :
BH6E1



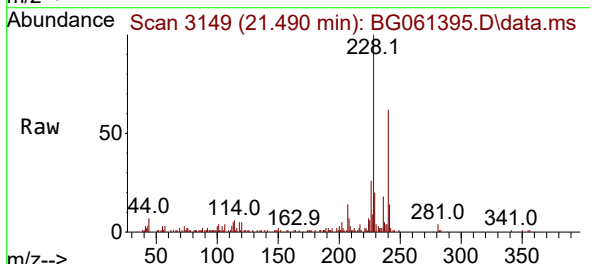
Tgt Ion:202 Resp: 65489
Ion Ratio Lower Upper
202 100
101 7.3 5.7 8.5
100 5.4 5.1 7.7

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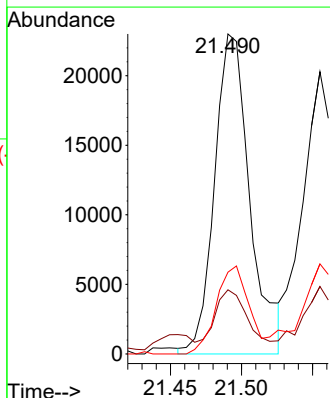
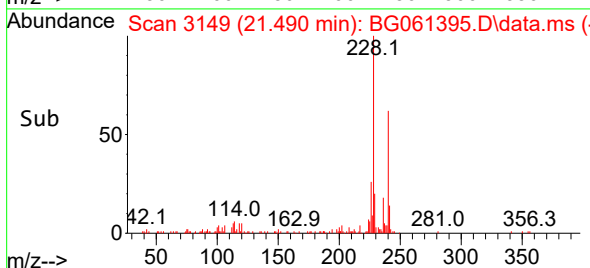
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

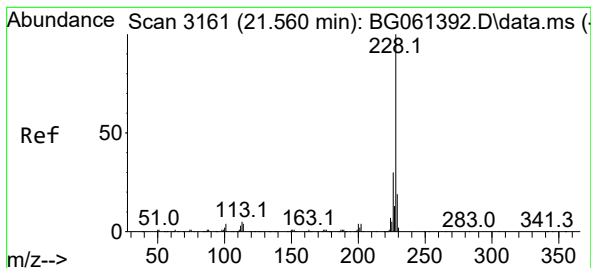


#85
Benzo(a)anthracene
Concen: 3.066 ng/ul
RT: 21.490 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09



Tgt Ion:228 Resp: 39744
Ion Ratio Lower Upper
228 100
229 20.0 15.2 22.8
226 25.6 21.4 32.2





#87

Chrysene

Concen: 2.829 ng/ul m

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061395.D

Acq: 31 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

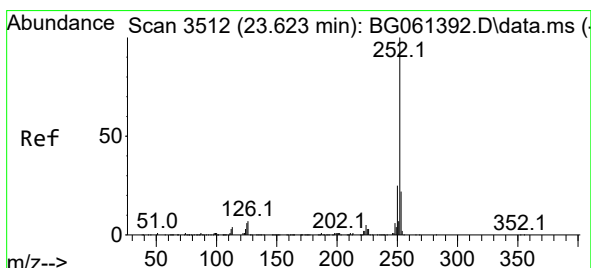
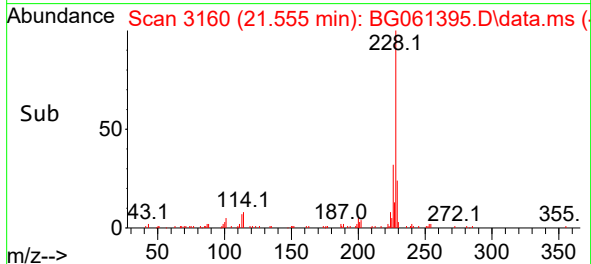
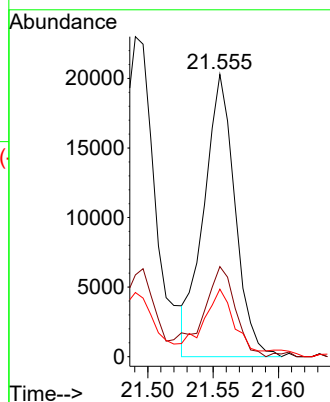
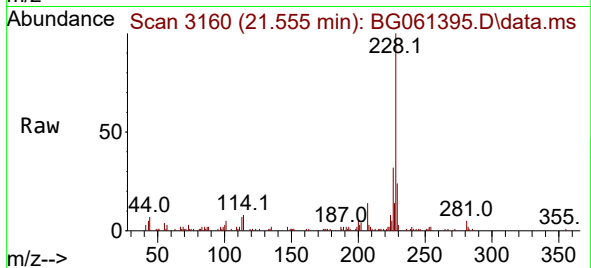
BH6E1

Tgt Ion:228	Resp:	3376
Ion Ratio	Lower	Upper
228	100	
226	31.9	23.4 35.0
229	23.9	15.4 23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.032 ng/ul

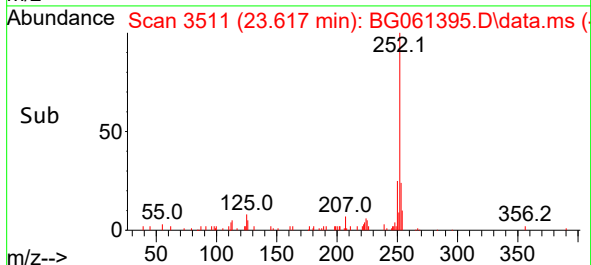
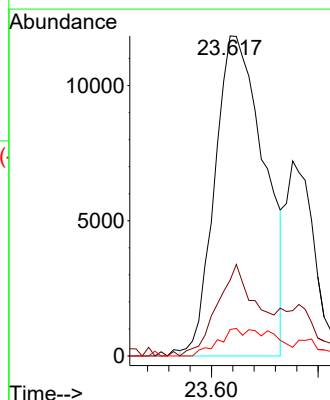
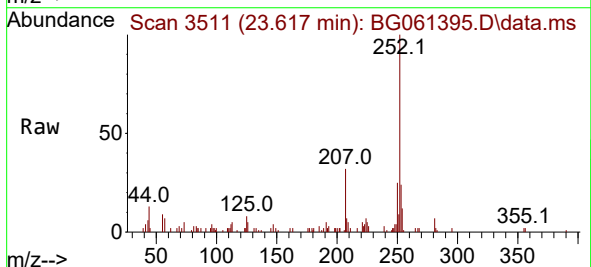
RT: 23.617 min Scan# 3511

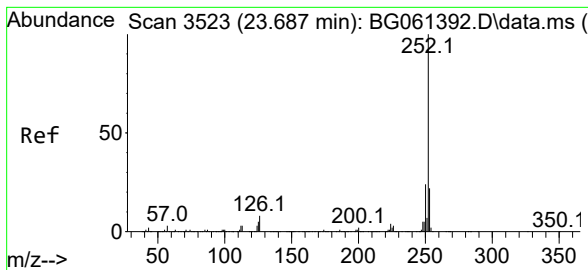
Delta R.T. 0.002 min

Lab File: BG061395.D

Acq: 31 May 2024 16:09

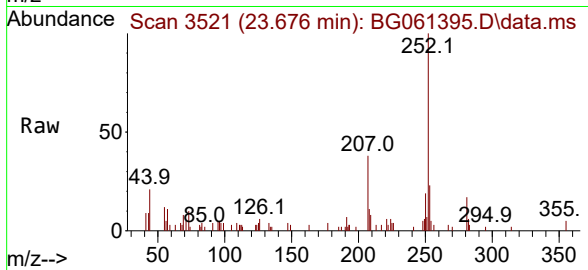
Tgt Ion:252	Resp:	38128
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.8 26.8
125	8.2	4.6 6.8





#91
Benzo(k)fluoranthene
Concen: 1.040 ng/ul
RT: 23.676 min Scan# 3521
Delta R.T. -0.004 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09

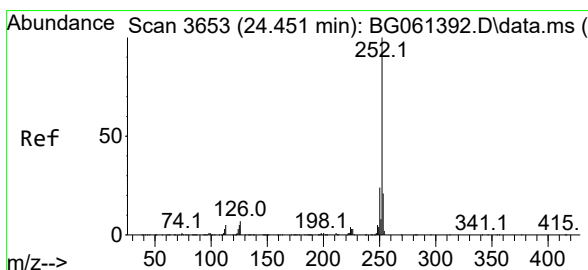
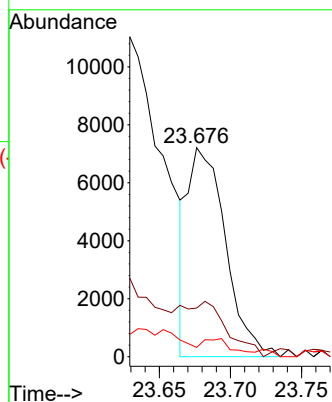
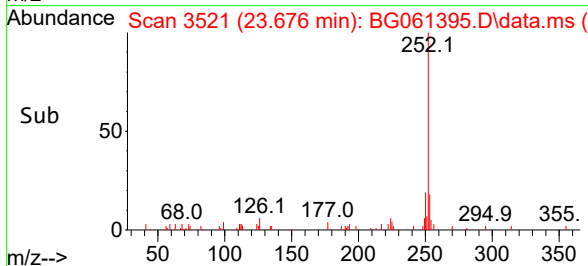
Instrument :
BNA_G
ClientSampleId :
BH6E1



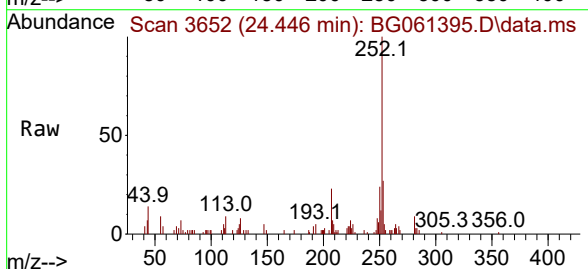
Tgt Ion:252 Resp: 13280
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 4.4 4.3 6.5

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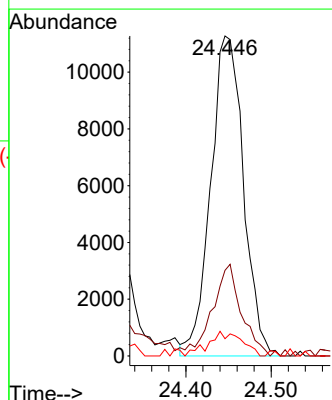
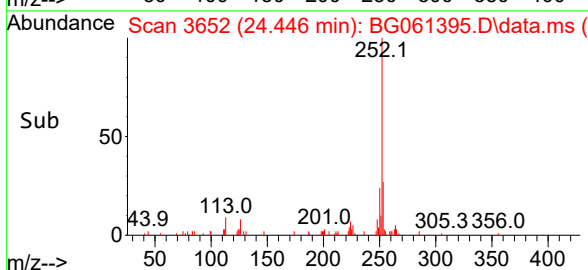
Reviewed By :Jagrut Upadhyay 06/03/2024
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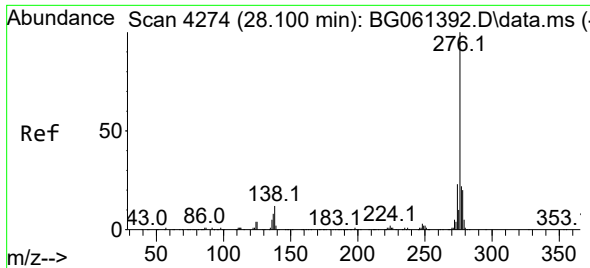


#93
Benzo(a)pyrene
Concen: 2.520 ng/ul
RT: 24.446 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09



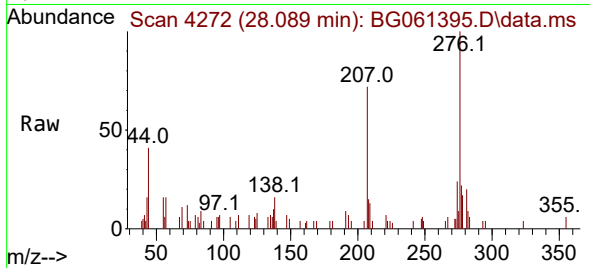
Tgt Ion:252 Resp: 30092
Ion Ratio Lower Upper
252 100
253 26.8 16.4 24.6#
125 5.4 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.257 ng/ul
RT: 28.089 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09

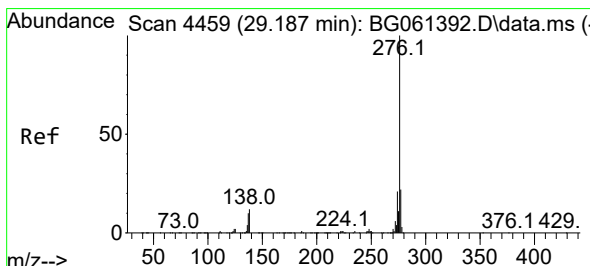
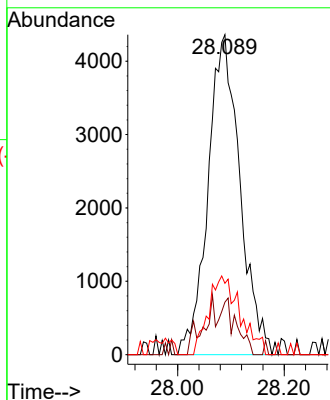
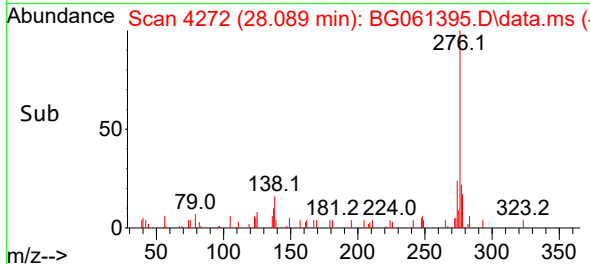
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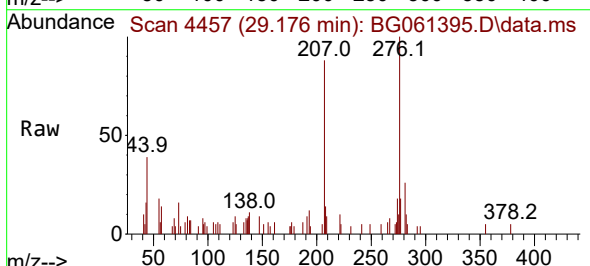
Tgt Ion:276 Resp: 18149
Ion Ratio Lower Upper
276 100
138 16.4 8.6 13.0
277 22.3 19.7 29.5

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.451 ng/ul m
RT: 29.176 min Scan# 4457
Delta R.T. 0.002 min
Lab File: BG061395.D
Acq: 31 May 2024 16:09



Tgt Ion:276 Resp: 16672
Ion Ratio Lower Upper
276 100
138 11.2 8.7 13.1
277 18.2 18.2 27.2

