

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 02:56:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	22367	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.197	136	115576	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.975	164	84475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	188666	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.061	240	221739	20.000	ng/ul	# 0.00
88) Perylene-d12	25.663	264	258953	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	1519	2.545	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.461	99	26082	11.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	12745	10.424	ng/ul	0.00
11) 2-Chlorophenol-d4	7.860	132	19085	12.288	ng/ul	0.00
15) 4-Methylphenol-d8	9.029	113	8683	4.639	ng/ul	0.00
21) Nitrobenzene-d5	9.540	128	12465	14.748	ng/ul	0.00
24) 2-Nitrophenol-d4	10.263	143	14029	13.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.792	165	22958	12.668	ng/ul	0.00
31) 4-Chloroaniline-d4	11.333	131	11510m	4.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	103237	15.228	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	108599	13.433	ng/ul	0.00
54) 4-Nitrophenol-d4	15.146	143	14145	11.817	ng/ul	0.00
60) Fluorene-d10	15.962	176	90280	14.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.062	200	17833	14.934	ng/ul	0.00
73) Anthracene-d10	17.825	188	135162	13.688	ng/ul	0.00
81) Pyrene-d10	20.099	212	216744	15.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.398	264	222862	14.702	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.490	94	3531	1.551	ng/ul#	61
16) Acetophenone	9.200	105	20381m	6.138	ng/ul	
80) Fluoranthene	19.764	202	96364	5.538	ng/ul#	92
82) Pyrene	20.128	202	82379	4.705	ng/ul#	96
85) Benzo(a)anthracene	22.038	228	52740	3.034	ng/ul#	92
87) Chrysene	22.114	228	46292m	2.933	ng/ul	
90) Benzo(b)fluoranthene	24.494	252	68051m	3.859	ng/ul	
91) Benzo(k)fluoranthene	24.552	252	25294m	1.406	ng/ul	
93) Benzo(a)pyrene	25.475	252	38986	2.287	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.811	276	27764m	1.273	ng/ul	
96) Benzo(g,h,i)perylene	31.139	276	21878m	1.278	ng/ul	

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

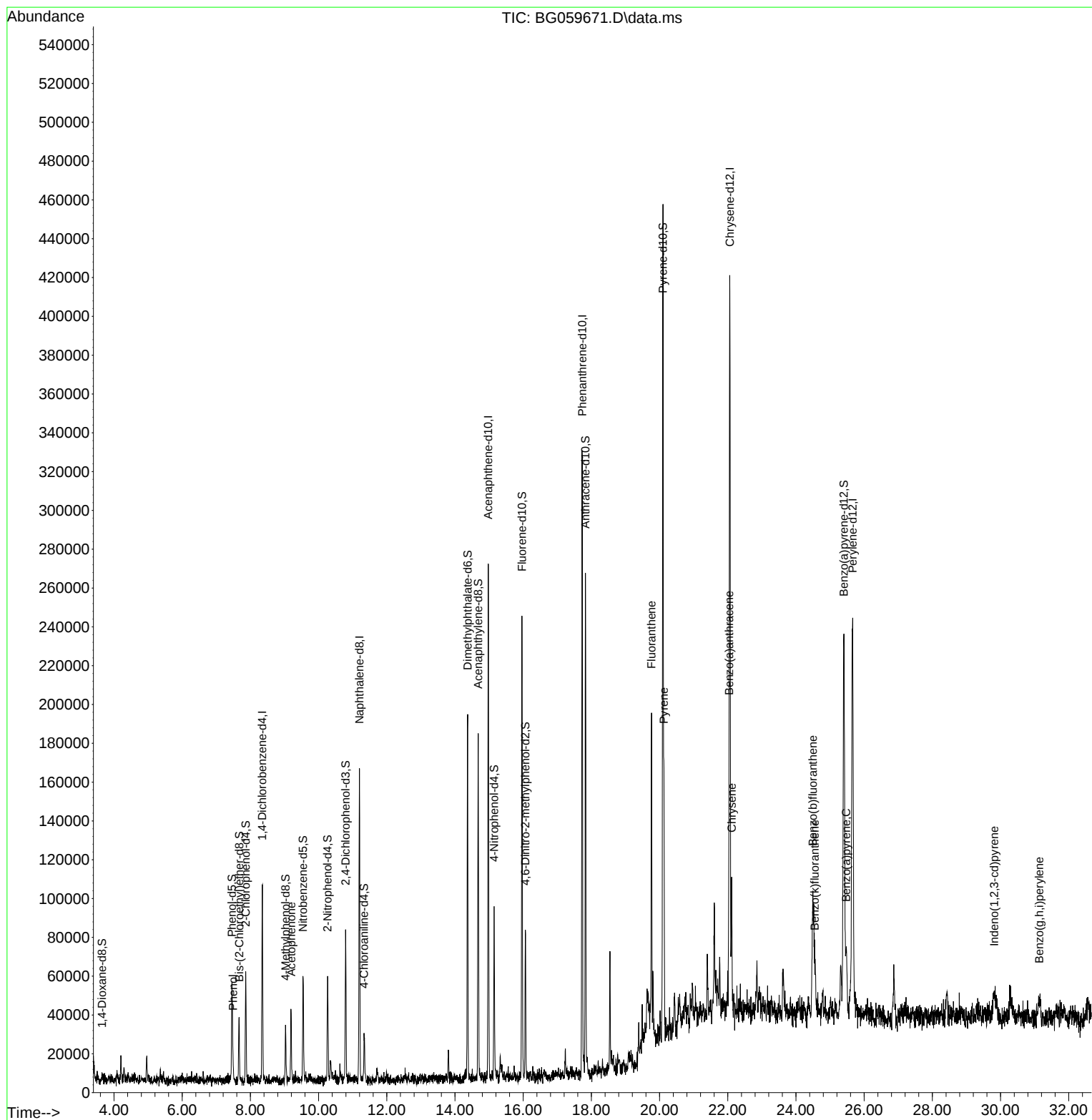
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
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 ALS Vial : 63 Sample Multiplier: 1

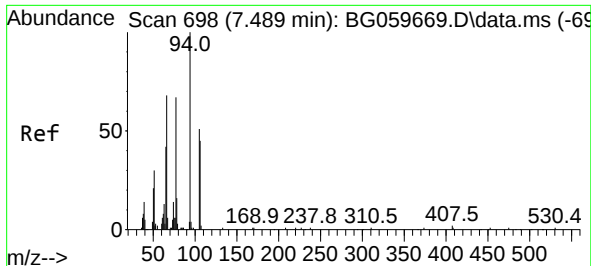
Instrument :
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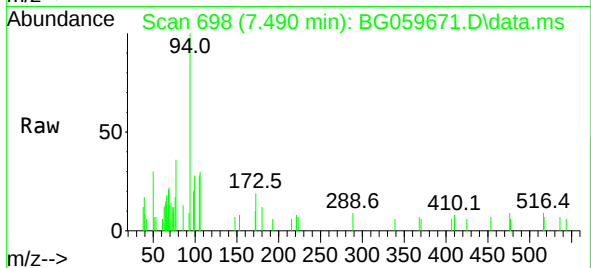
Quant Time: Nov 06 02:56:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
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#8
Phenol
Concen: 1.551 ng/ul
RT: 7.490 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31

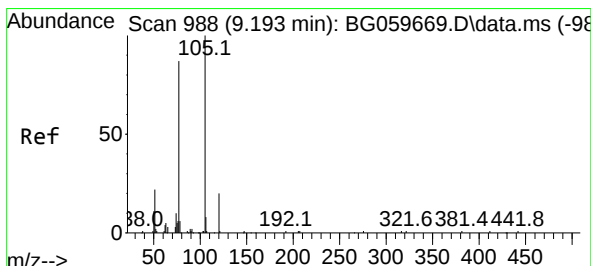
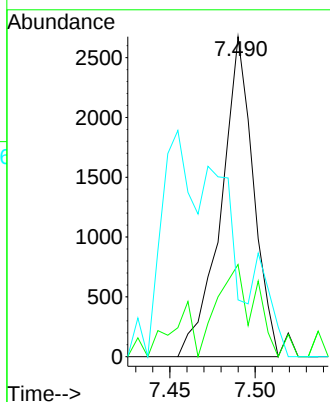
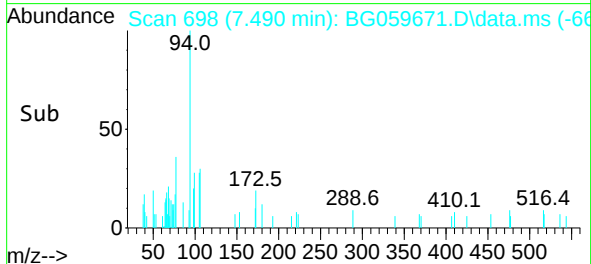
Instrument :
BNA_G
ClientSampleId :
C0AG3



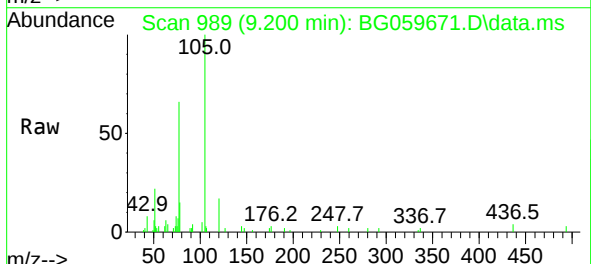
Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
65 28.8 32.2 48.4
66 17.8 45.5 68.3

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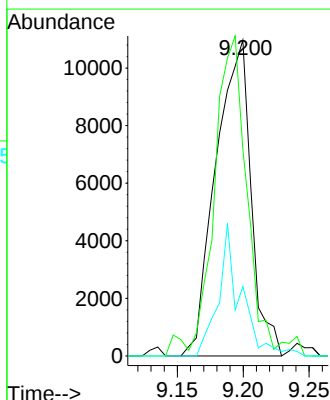
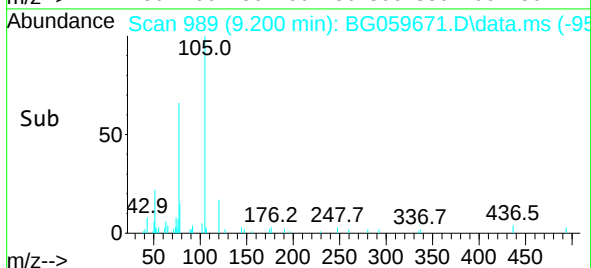
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Supervised By :mohammad ahmed 11/08/2023

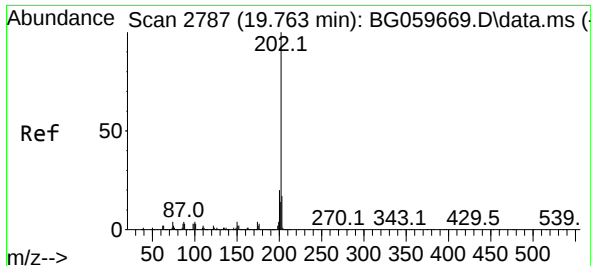


#16
Acetophenone
Concen: 6.138 ng/ul m
RT: 9.200 min Scan# 989
Delta R.T. 0.002 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31



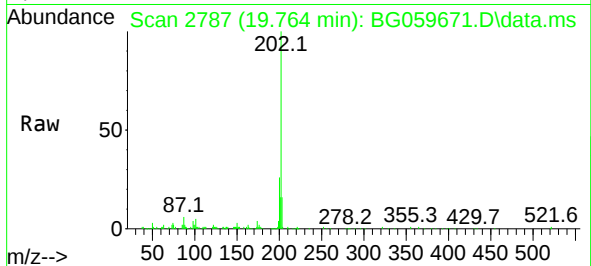
Tgt Ion:105 Resp: 20381
Ion Ratio Lower Upper
105 100
77 65.5 66.2 99.2
51 22.0 15.3 22.9





#80
Fluoranthene
Concen: 5.538 ng/u1
RT: 19.764 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31

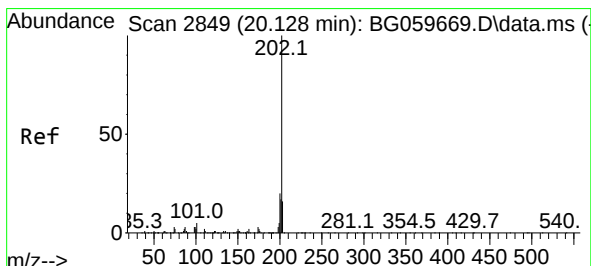
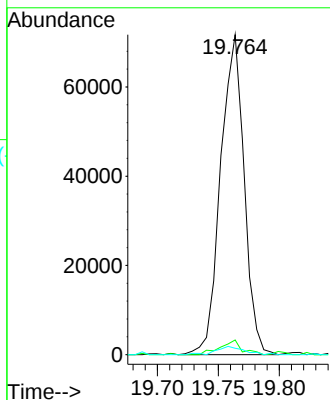
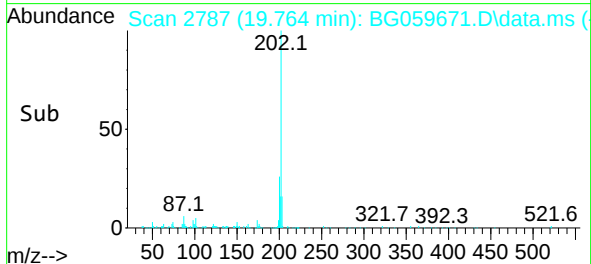
Instrument :
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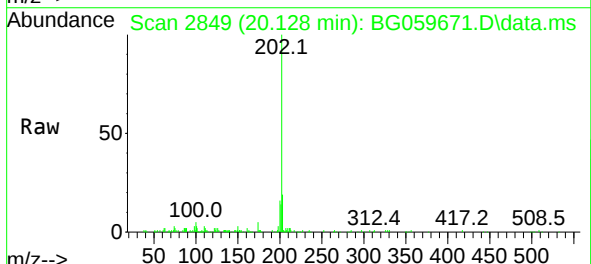
Tgt Ion:202 Resp: 96364
Ion Ratio Lower Upper
202 100
101 4.6 4.6 7.0#
100 2.0 4.8 7.2#

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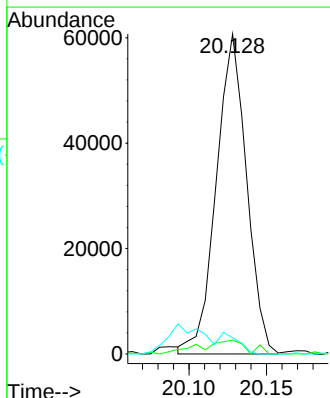
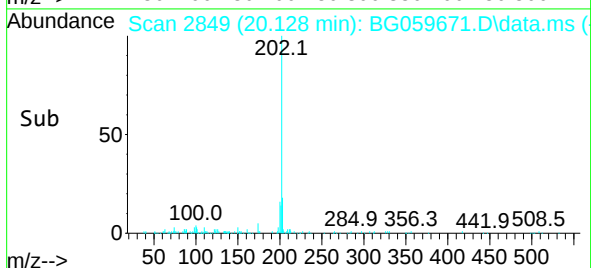
Reviewed By :Yogesh Patel 11/06/2023
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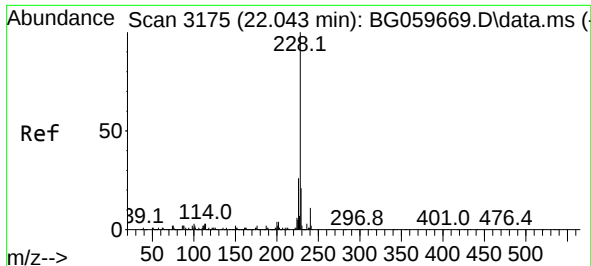


#82
Pyrene
Concen: 4.705 ng/u1
RT: 20.128 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31



Tgt Ion:202 Resp: 82379
Ion Ratio Lower Upper
202 100
101 4.3 4.6 6.8#
100 5.0 5.1 7.7#





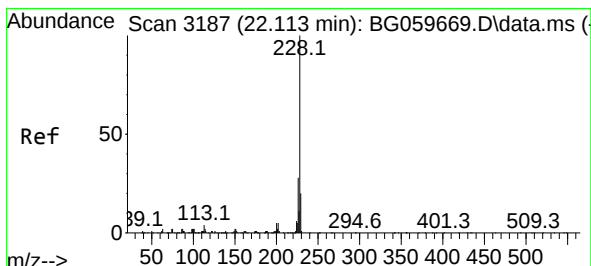
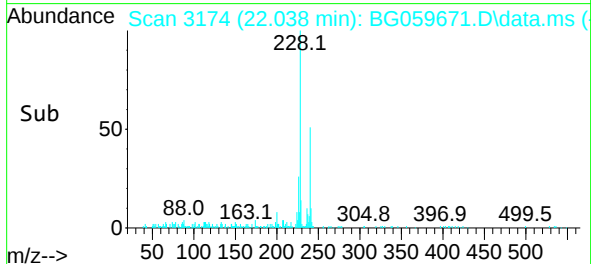
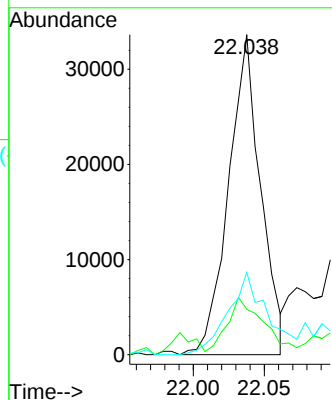
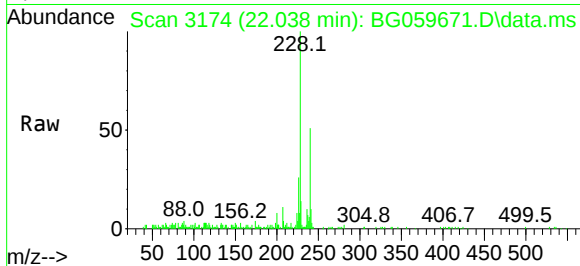
#85
Benzo(a)anthracene
Concen: 3.034 ng/ul
RT: 22.038 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31

Instrument :
BNA_G
ClientSampleId :
C0AG3

Tgt Ion:228 Resp: 52740
Ion Ratio Lower Upper
228 100
229 14.2 17.7 26.5
226 25.8 21.1 31.7

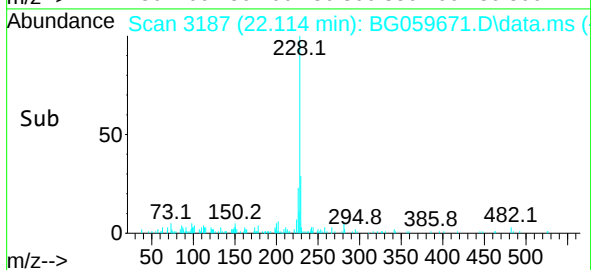
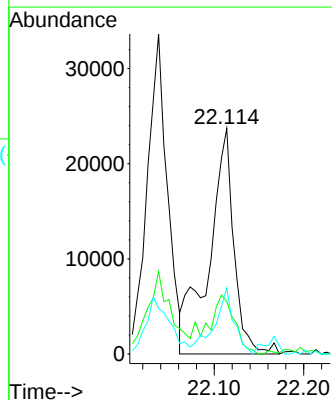
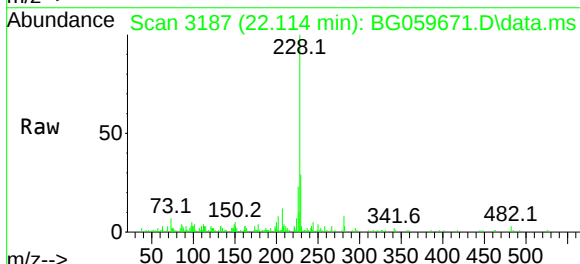
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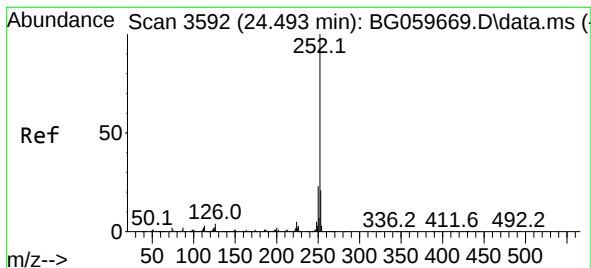
Reviewed By :Yogesh Patel 11/06/2023
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#87
Chrysene
Concen: 2.933 ng/ul m
RT: 22.114 min Scan# 3187
Delta R.T. -0.010 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31

Tgt Ion:228 Resp: 46292
Ion Ratio Lower Upper
228 100
226 23.2 21.7 32.5
229 29.2 15.7 23.5#





#90

Benzo(b)fluoranthene

Concen: 3.859 ng/ul m

RT: 24.494 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG059671.D

Acq: 6 Nov 2023 2:31

Instrument :

BNA_G

ClientSampleId :

C0AG3

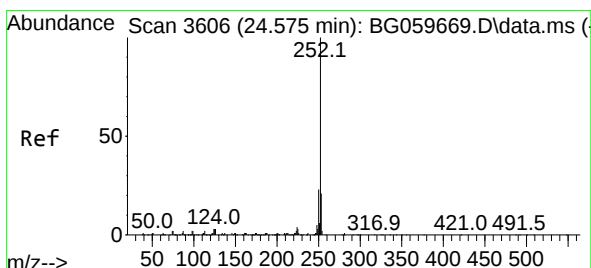
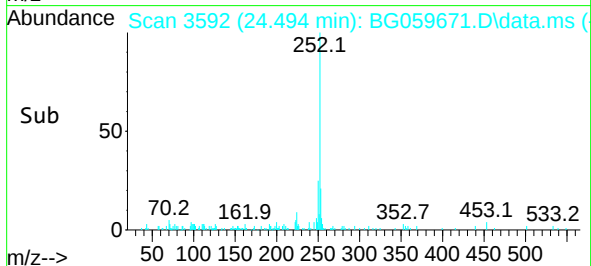
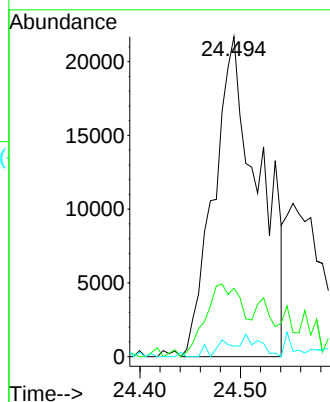
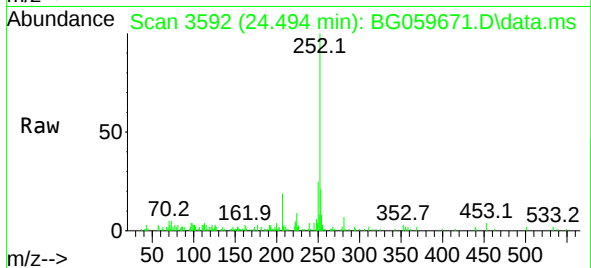
Tgt Ion:	252	Resp:	6805
Ion Ratio	Lower	Upper	
252	100		
253	21.4	15.1	22.7
125	2.1	2.4	3.6

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.406 ng/ul m

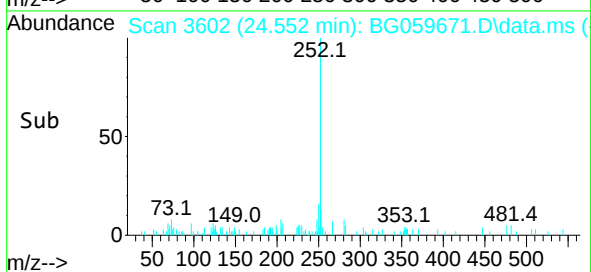
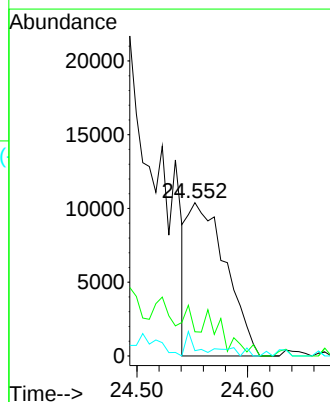
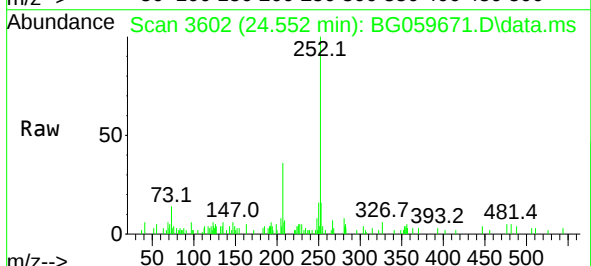
RT: 24.552 min Scan# 3602

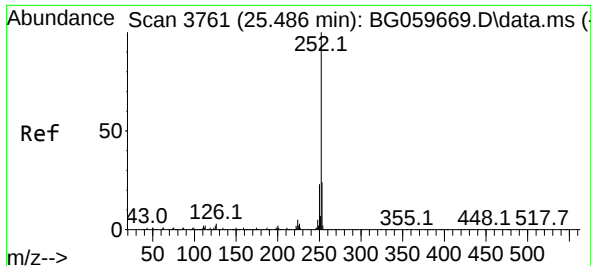
Delta R.T. -0.033 min

Lab File: BG059671.D

Acq: 6 Nov 2023 2:31

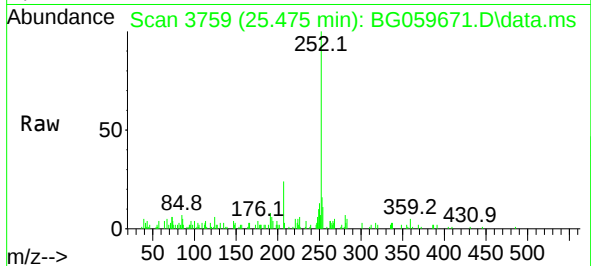
Tgt Ion:	252	Resp:	25294
Ion Ratio	Lower	Upper	
252	100		
253	15.8	17.9	26.9#
125	3.4	4.1	6.1#





#93
Benzo(a)pyrene
Concen: 2.287 ng/ul
RT: 25.475 min Scan# 31
Delta R.T. -0.033 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31

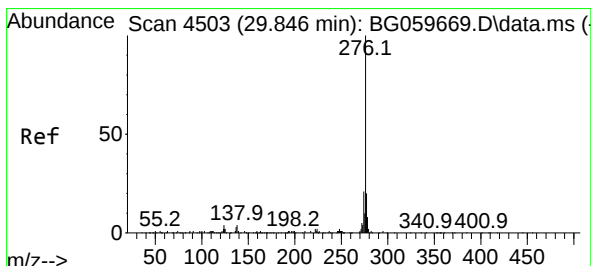
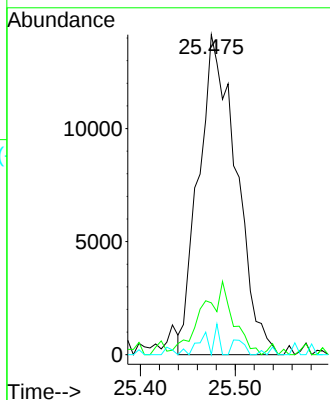
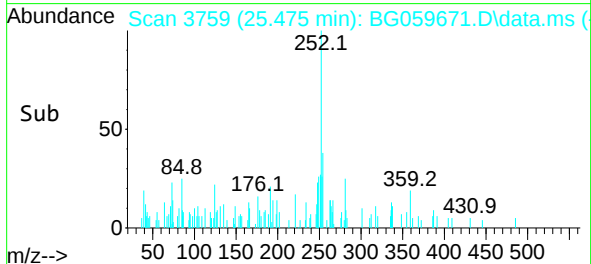
Instrument :
BNA_G
ClientSampleId :
C0AG3



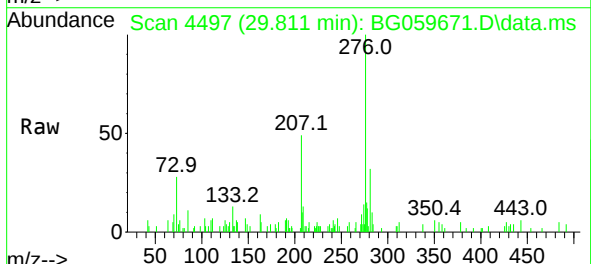
Tgt Ion:252 Resp: 3898
Ion Ratio Lower Upper
252 100
253 16.2 14.9 22.3
125 0.0 3.8 5.8

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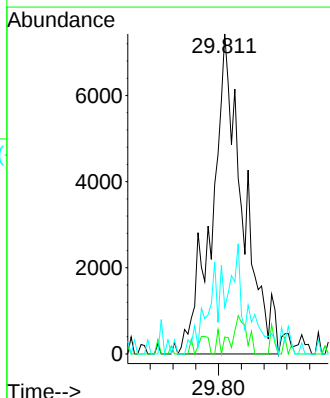
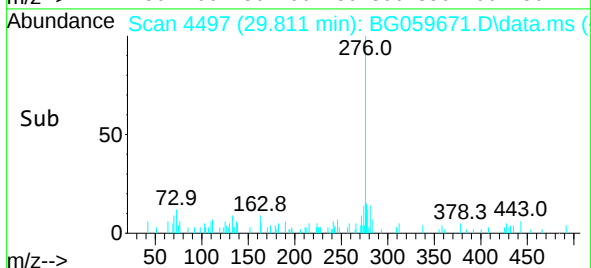
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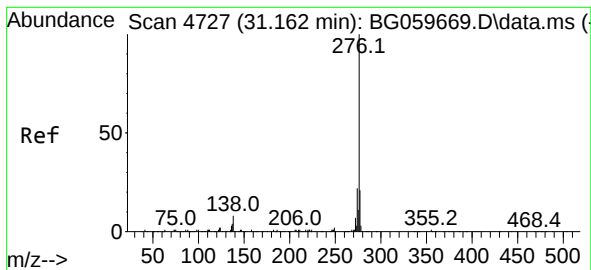


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.273 ng/ul m
RT: 29.811 min Scan# 4497
Delta R.T. -0.045 min
Lab File: BG059671.D
Acq: 6 Nov 2023 2:31



Tgt Ion:276 Resp: 27764
Ion Ratio Lower Upper
276 100
138 5.3 5.4 8.2#
277 14.6 18.5 27.7#





#96

Benzo(g,h,i)perylene

Concen: 1.278 ng/ul m

RT: 31.139 min Scan# 4

Delta R.T. -0.057 min

Lab File: BG059671.D

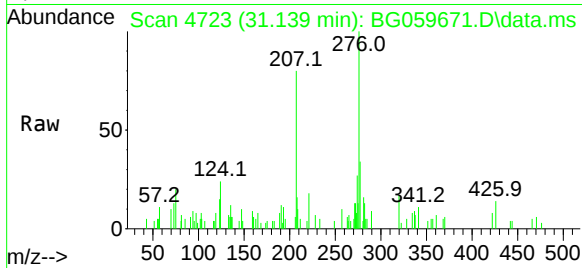
Acq: 6 Nov 2023 2:31

Instrument :

BNA_G

ClientSampleId :

C0AG3



Tgt Ion:276 Resp: 21878

Ion Ratio Lower Upper

276 100

138 0.0 4.6 6.8

277 33.6 17.5 26.3

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