

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058174.D
 Acq On : 12 Jul 2023 1:18
 Operator : CG/JU
 Sample : 03386-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX800

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 02:02:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	54143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.776	136	252439	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.601	164	180439	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	414015	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	357285	20.000	ng/u1	0.00
88) Perylene-d12	24.789	264	435614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.133	99	74656	13.502	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	46461	13.943	ng/u1	0.00
11) 2-Chlorophenol-d4	7.503	132	55657	14.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.672	113	59390	14.235	ng/u1	0.00
21) Nitrobenzene-d5	9.131	128	29503	14.339	ng/u1	0.00
24) 2-Nitrophenol-d4	9.853	143	33357	15.426	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.394	165	58791	14.173	ng/u1	0.00
31) 4-Chloroaniline-d4	10.911	131	76102	12.100	ng/u1	0.00
46) Dimethylphthalate-d6	14.002	166	195550	13.735	ng/u1	0.00
49) Acenaphthylene-d8	14.295	160	228588	14.714	ng/u1	0.00
54) 4-Nitrophenol-d4	14.795	143	27517	10.940	ng/u1	0.00
60) Fluorene-d10	15.588	176	176037	14.560	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.705	200	22667	10.083	ng/u1	0.00
73) Anthracene-d10	17.439	188	280127	14.581	ng/u1	0.00
81) Pyrene-d10	19.724	212	320433	14.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.571	264	323306	14.568	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.796	105	11876	1.716	ng/u1	91
72) Phenanthrene	17.380	178	56996	2.706	ng/u1	98
80) Fluoranthene	19.389	202	172931	6.632	ng/u1	99
82) Pyrene	19.754	202	144322	5.499	ng/u1	98
85) Benzo(a)anthracene	21.581	228	71631	2.792	ng/u1	99
87) Chrysene	21.645	228	90063	3.745	ng/u1	96
90) Benzo(b)fluoranthene	23.772	252	131334	4.869	ng/u1	100
91) Benzo(k)fluoranthene	23.831	252	54955m	2.079	ng/u1	
93) Benzo(a)pyrene	24.636	252	81781	3.426	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.420	276	70350m	2.219	ng/u1	
96) Benzo(g,h,i)perylene	29.571	276	61629m	2.380	ng/u1	

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

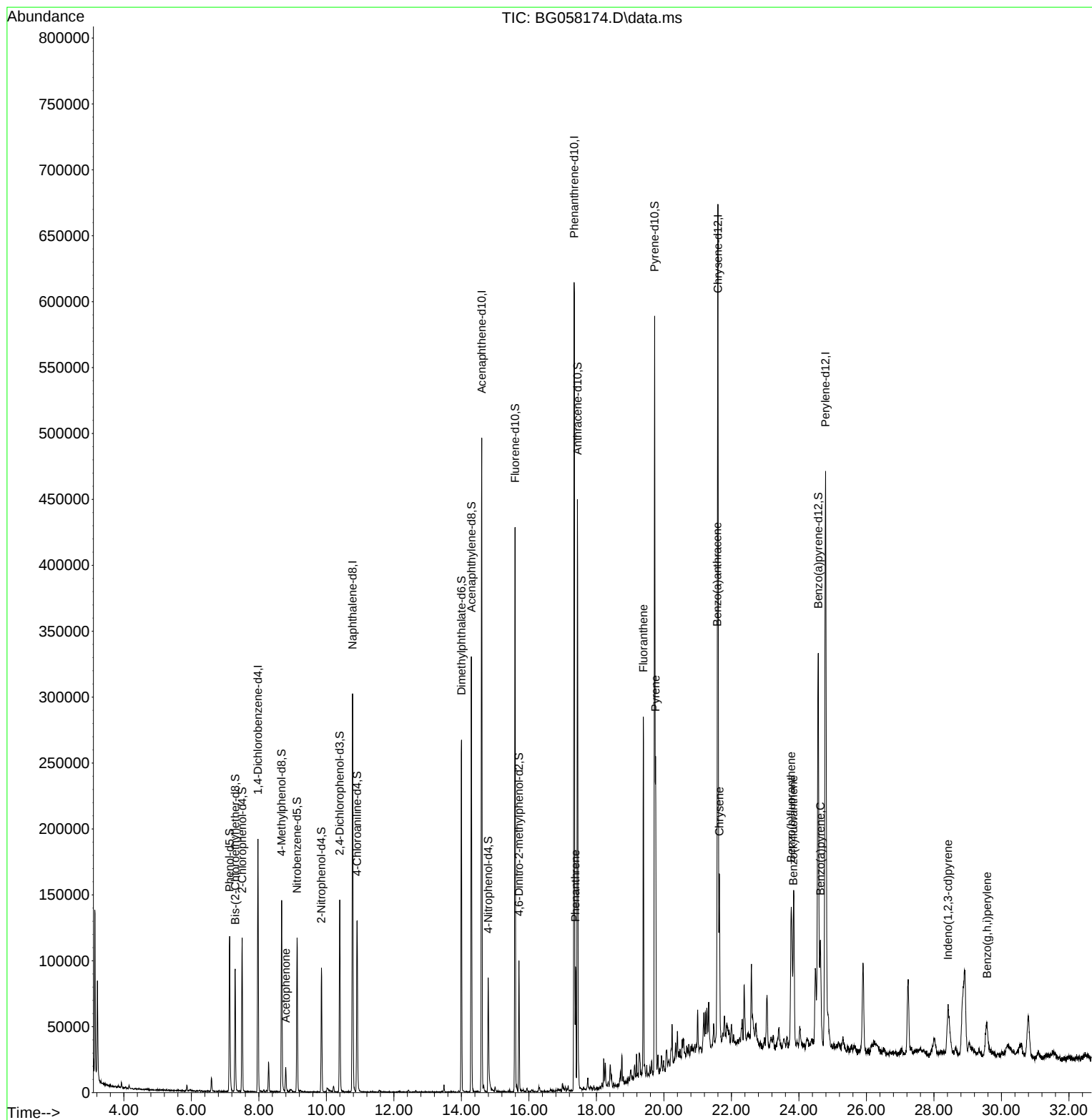
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058174.D
 Acq On : 12 Jul 2023 1:18
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 ALS Vial : 23 Sample Multiplier: 1

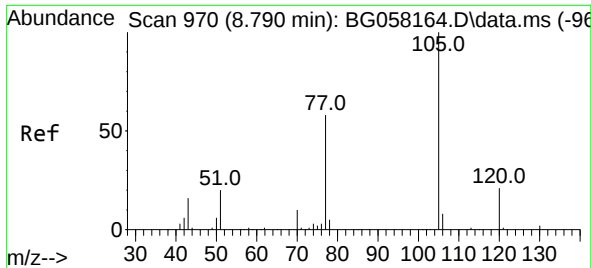
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
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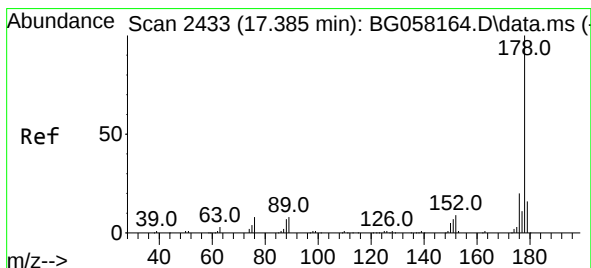
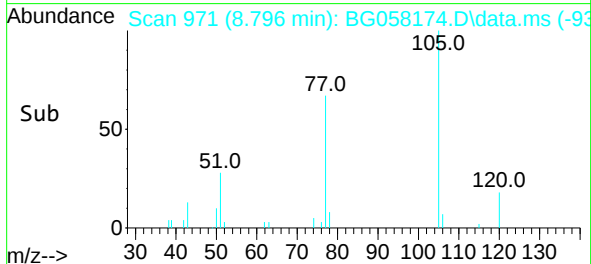
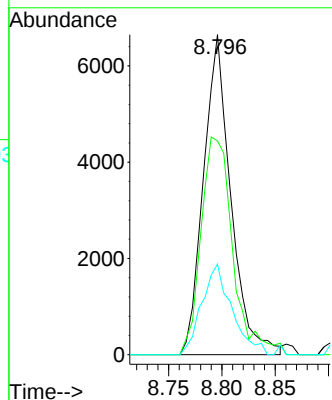
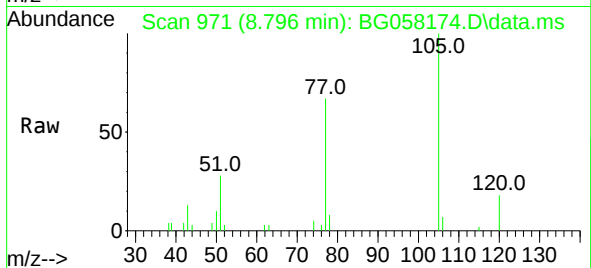
#16
Acetophenone
Concen: 1.716 ng/ul
RT: 8.796 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG058174.D
Acq: 12 Jul 2023 1:18

Instrument :
BNA_G
ClientSampleId :
EX800

Tgt Ion:105 Resp: 11870
Ion Ratio Lower Upper
105 100
77 66.8 61.2 91.8
51 28.3 23.5 35.3

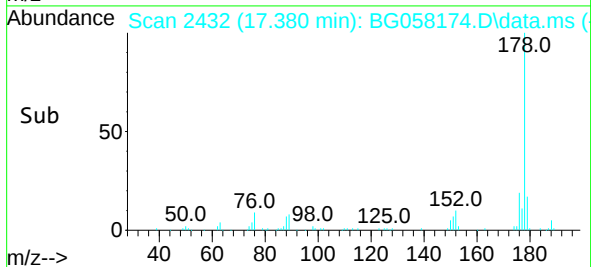
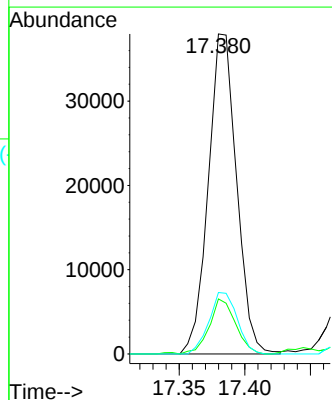
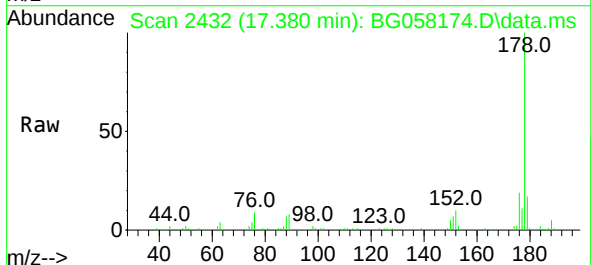
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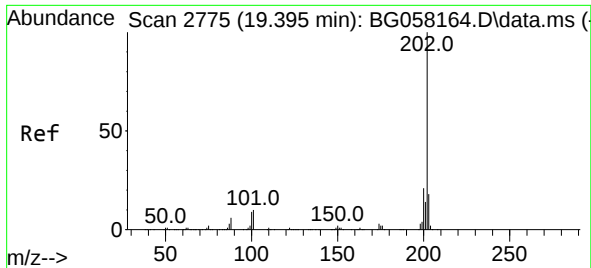
Reviewed By :Yogesh Patel 07/12/2023
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#72
Phenanthrene
Concen: 2.706 ng/ul
RT: 17.380 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BG058174.D
Acq: 12 Jul 2023 1:18

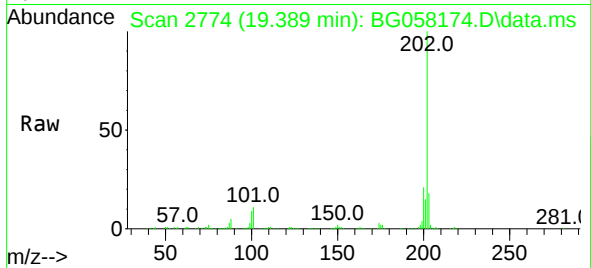
Tgt Ion:178 Resp: 56996
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 19.2 15.7 23.5





#80
Fluoranthene
Concen: 6.632 ng/u1
RT: 19.389 min Scan# 2774
Delta R.T. -0.002 min
Lab File: BG058174.D
Acq: 12 Jul 2023 1:18

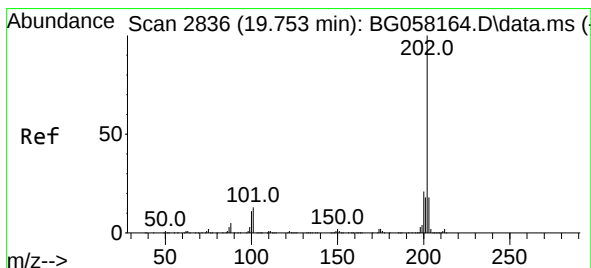
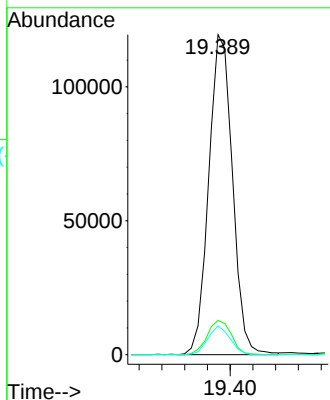
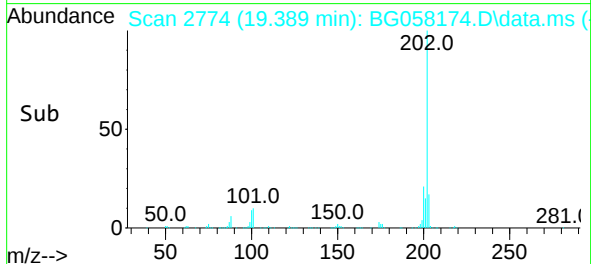
Instrument :
BNA_G
ClientSampleId :
EX800



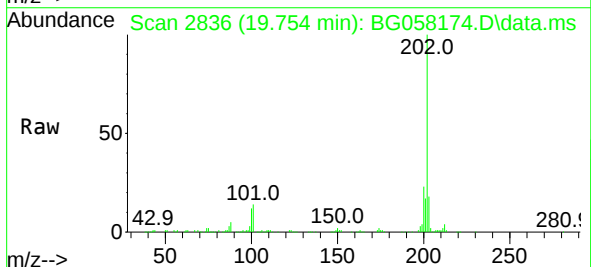
Tgt Ion:202 Resp: 17293
Ion Ratio Lower Upper
202 100
101 10.7 9.1 13.7
100 9.0 7.1 10.7

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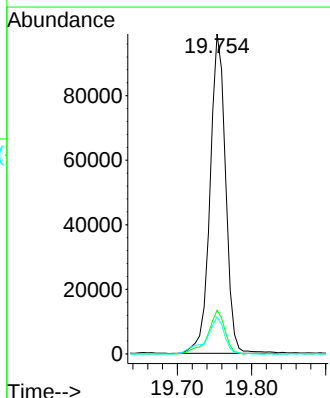
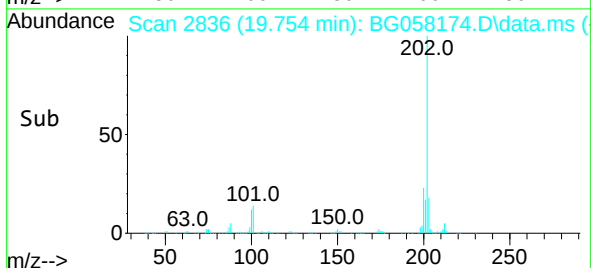
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

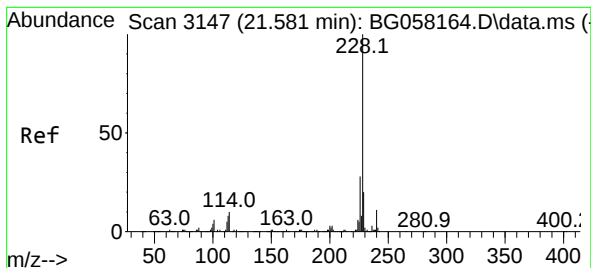


#82
Pyrene
Concen: 5.499 ng/u1
RT: 19.754 min Scan# 2836
Delta R.T. -0.002 min
Lab File: BG058174.D
Acq: 12 Jul 2023 1:18



Tgt Ion:202 Resp: 144322
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.2
100 11.5 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.792 ng/ul

RT: 21.581 min Scan# 3147

Delta R.T. 0.004 min

Lab File: BG058174.D

Acq: 12 Jul 2023 1:18

Instrument :

BNA_G

ClientSampleId :

EX800

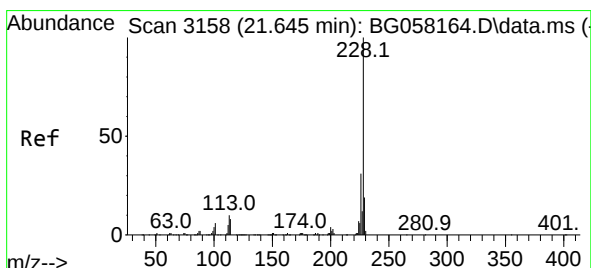
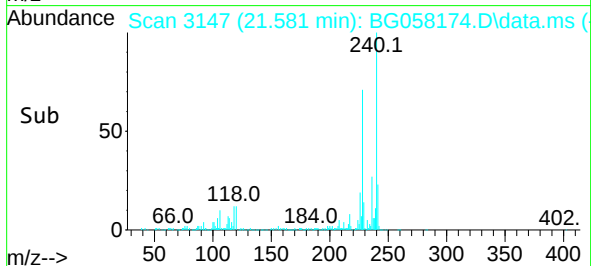
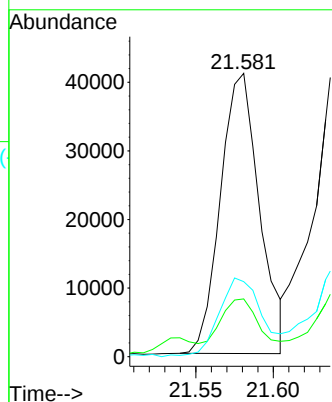
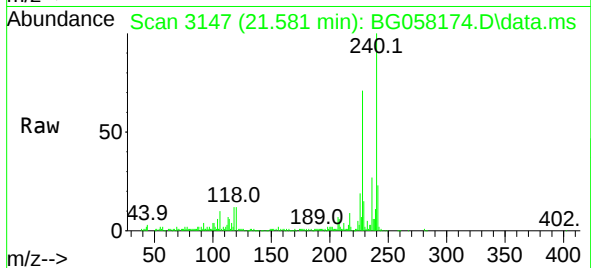
Tgt Ion:228 Resp: 7163
 Ion Ratio Lower Upper
 228 100
 229 20.4 16.0 24.0
 226 26.5 22.0 33.0

Manual Integrations

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#87

Chrysene

Concen: 3.745 ng/ul

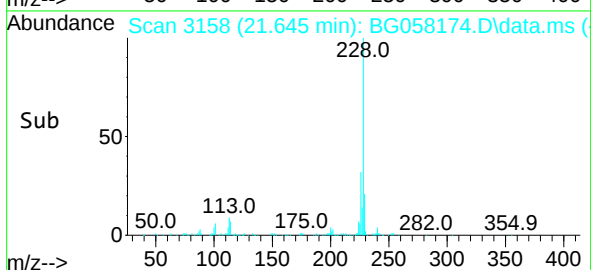
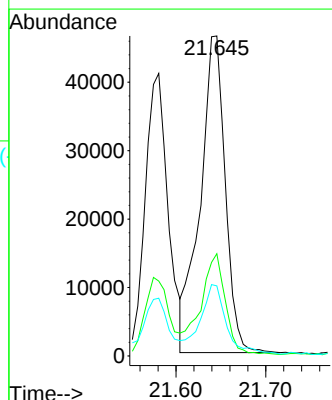
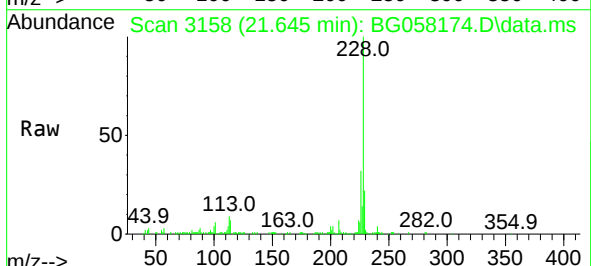
RT: 21.645 min Scan# 3158

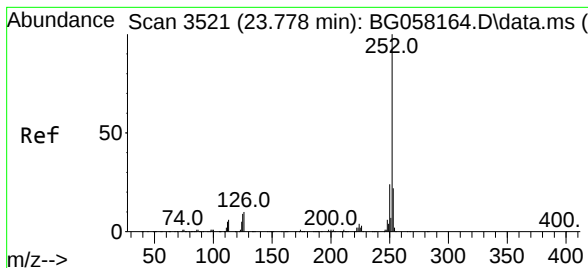
Delta R.T. -0.002 min

Lab File: BG058174.D

Acq: 12 Jul 2023 1:18

Tgt Ion:228 Resp: 90063
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.4 36.6
 229 21.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.869 ng/ul

RT: 23.772 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG058174.D

Acq: 12 Jul 2023 1:18

Instrument :

BNA_G

ClientSampleId :

EX800

Tgt Ion:252 Resp: 131334

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

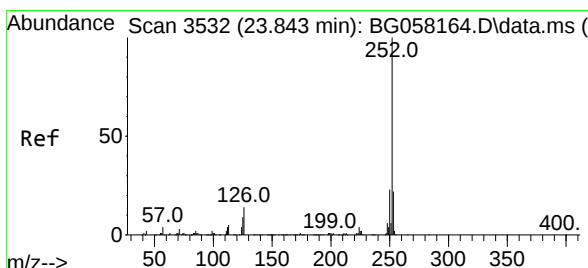
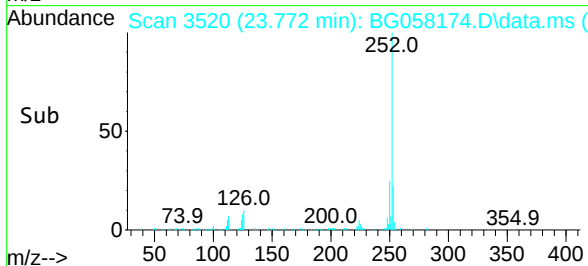
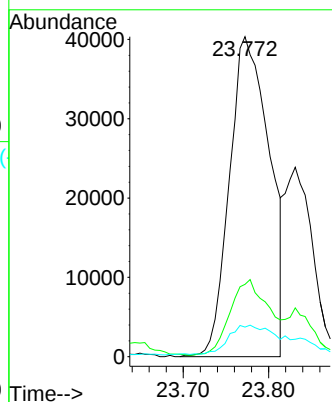
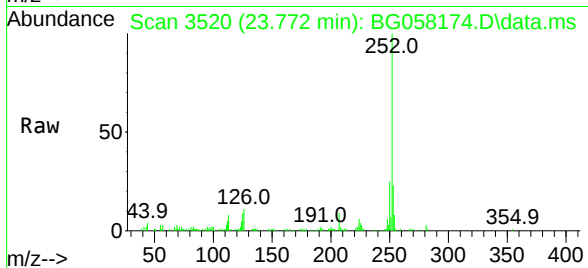
125 9.2 7.5 11.3

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.079 ng/ul m

RT: 23.831 min Scan# 3530

Delta R.T. -0.008 min

Lab File: BG058174.D

Acq: 12 Jul 2023 1:18

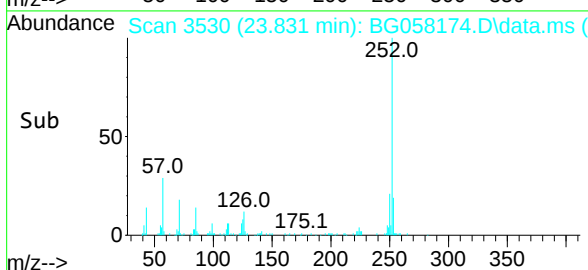
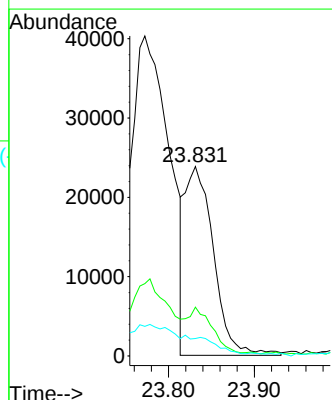
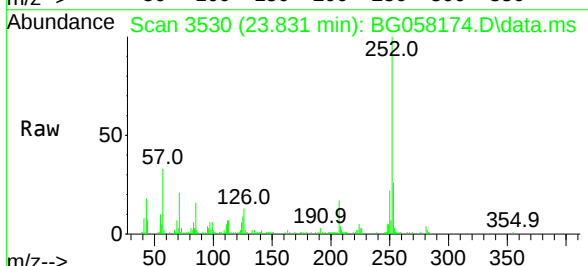
Tgt Ion:252 Resp: 54955

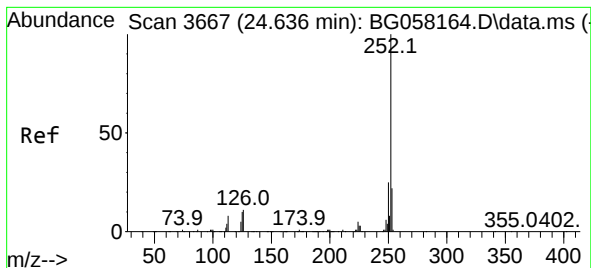
Ion Ratio Lower Upper

252 100

253 25.8 17.7 26.5

125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 3.426 ng/ul

RT: 24.636 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG058174.D

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BNA_G

ClientSampleId :

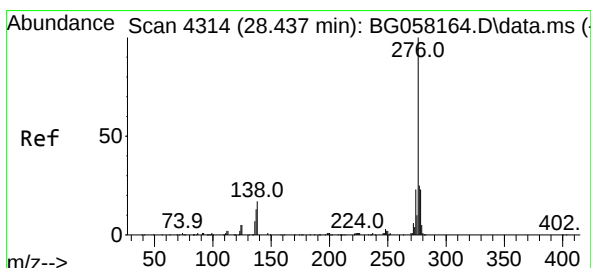
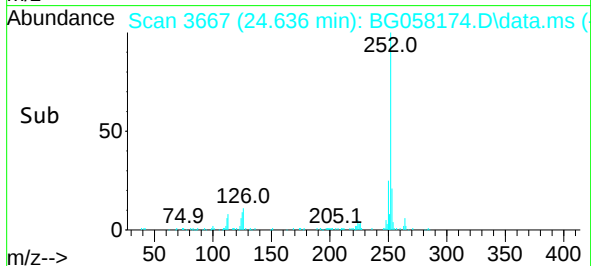
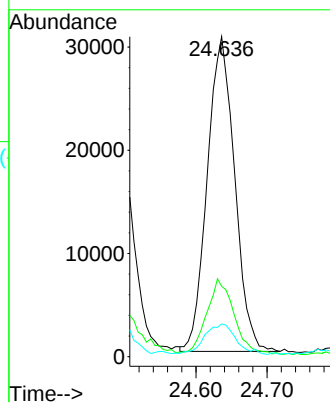
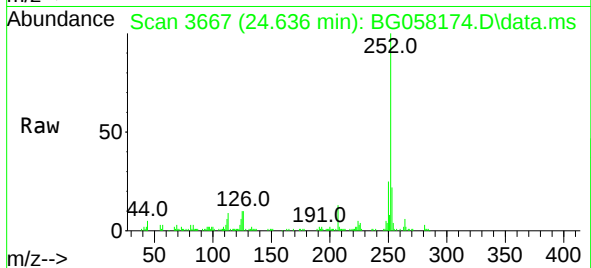
EX800

Tgt Ion:	252	Resp:	8178
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	10.2	8.3	12.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.219 ng/ul m

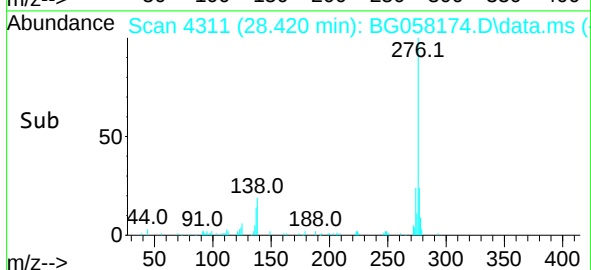
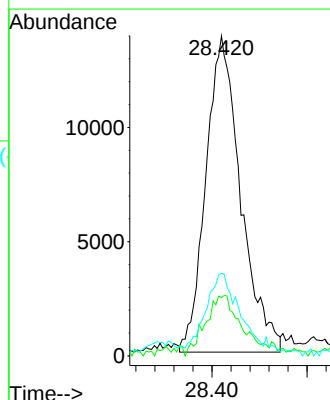
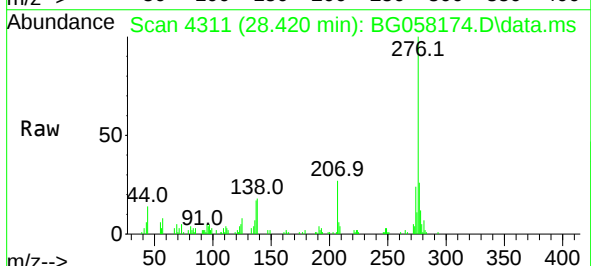
RT: 28.420 min Scan# 4311

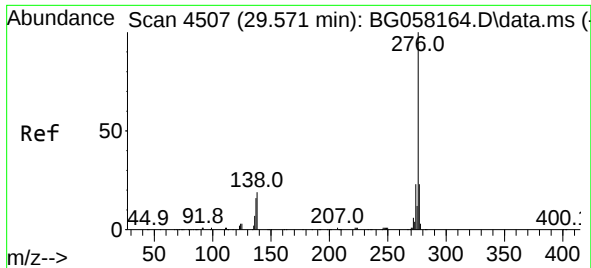
Delta R.T. -0.002 min

Lab File: BG058174.D

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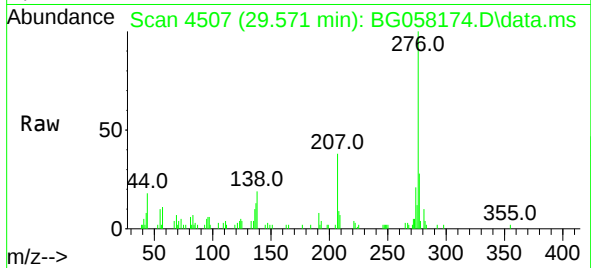
Tgt Ion:	276	Resp:	70350
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.0	21.0
277	25.8	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.380 ng/ul m
 RT: 29.571 min Scan# 4
 Delta R.T. 0.009 min
 Lab File: BG058174.D
 Acq: 12 Jul 2023 1:18

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 61629
 Ion Ratio Lower Upper
 276 100
 138 18.6 14.2 21.2
 277 28.2 18.6 27.8

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