

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058309.D
 Acq On : 18 Jul 2023 20:32
 Operator : CG/JU
 Sample : 03444-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46T6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 05:18:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	35788	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	162260	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	118428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	290162	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	247355	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	294676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	5933m	6.102	ng/uL	0.00
4) Pyridine-d5	3.748	84	77007	26.682	ng/u1	0.00
7) Phenol-d5	7.062	99	122603	36.113	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	72626	34.226	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	85686	36.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	48025	18.546	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	42796	35.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	47826	36.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	88892	34.923	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	14360	3.892	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	309690	33.912	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	348390	36.403	ng/u1	0.00
54) 4-Nitrophenol-d4	14.735	143	48498	35.164	ng/u1	0.00
60) Fluorene-d10	15.529	176	289567	38.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	46070	31.164	ng/u1	0.00
73) Anthracene-d10	17.373	188	371748	29.651	ng/u1	0.00
81) Pyrene-d10	19.665	212	554641	37.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.442	264	431924	30.326	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	20341	4.612	ng/u1	99
72) Phenanthrene	17.321	178	35247m	2.556	ng/u1	
80) Fluoranthene	19.330	202	74225	4.435	ng/u1	98
82) Pyrene	19.694	202	72929	4.300	ng/u1	99
85) Benzo(a)anthracene	21.510	228	29677	1.785	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	46028	4.846	ng/u1	98
87) Chrysene	21.569	228	33683	2.136	ng/u1	98
90) Benzo(b)fluoranthene	23.666	252	40423	2.371	ng/u1#	96
93) Benzo(a)pyrene	24.506	252	20676	1.363	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.220	276	20291m	1.016	ng/u1	
96) Benzo(g,h,i)perylene	29.336	276	18869m	1.159	ng/u1	

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

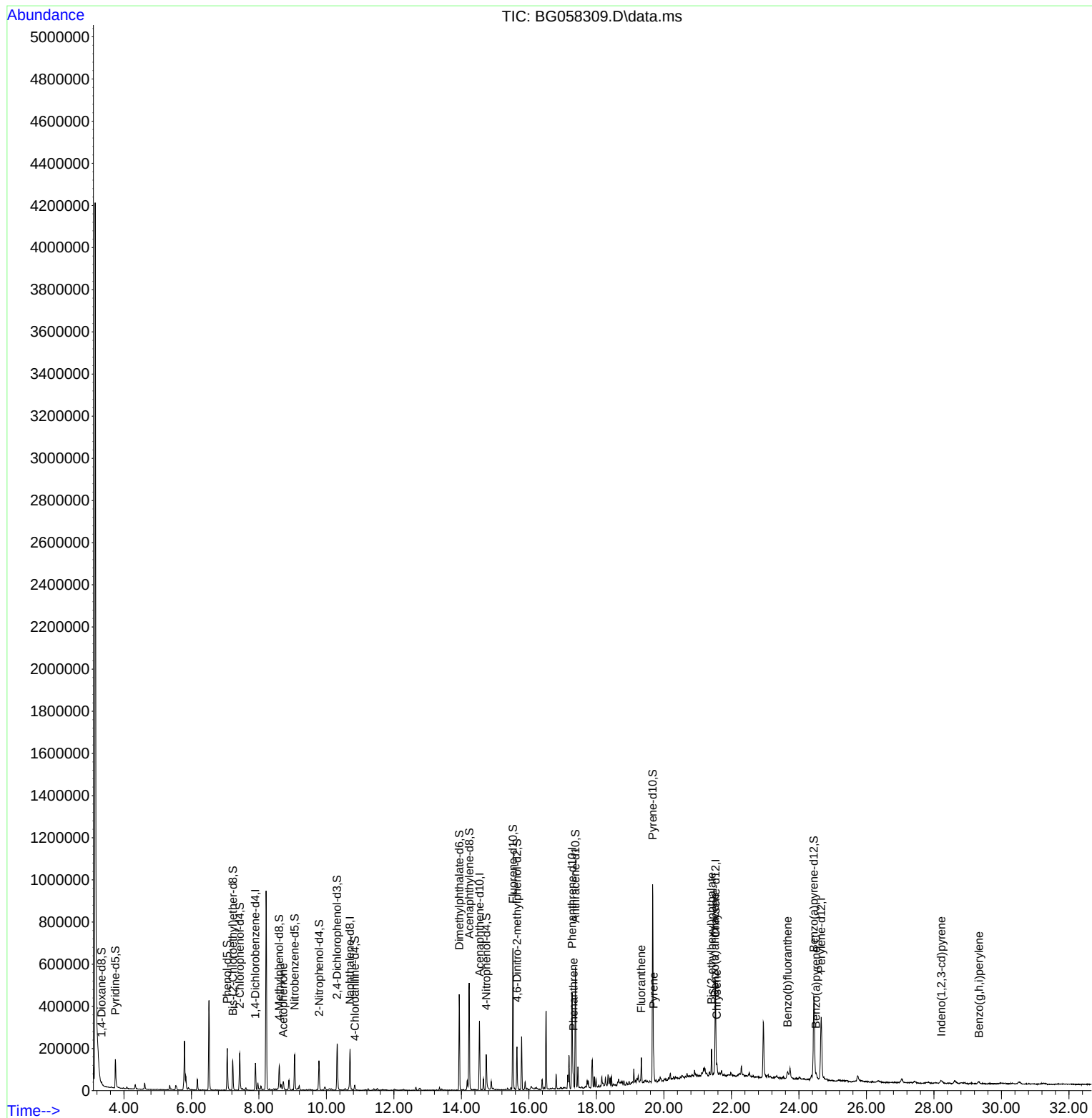
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058309.D
Acq On : 18 Jul 2023 20:32
Operator : CG/JU
Sample : 03444-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

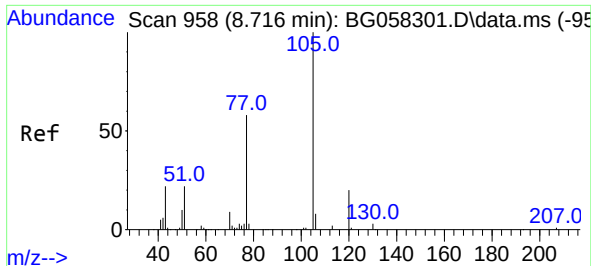
Instrument :
BNA_G
ClientSampleId :
A46T6

Quant Time: Jul 19 05:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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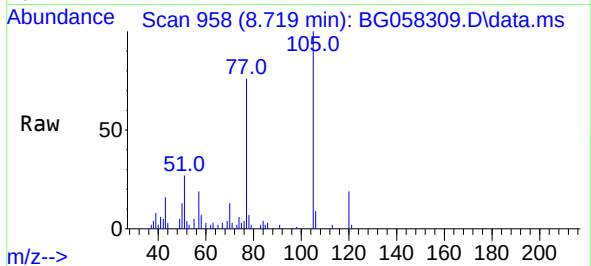
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023





#16
Acetophenone
Concen: 4.612 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

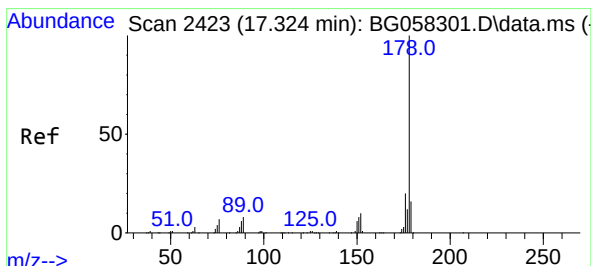
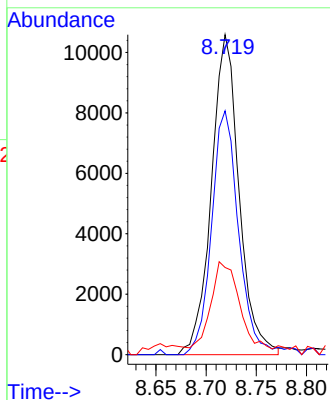
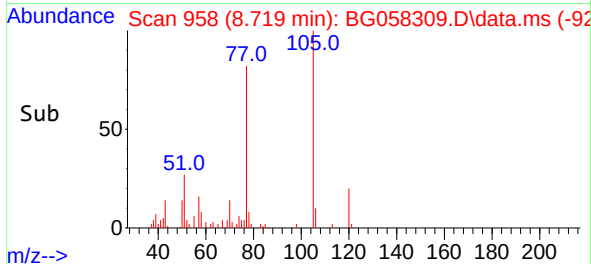
Instrument :
BNA_G
ClientSampleId :
A46T6



Tgt Ion:	105	Resp:	2034
Ion Ratio	Lower	Upper	
105	100		
77	76.2	60.7	91.1
51	27.3	23.5	35.3

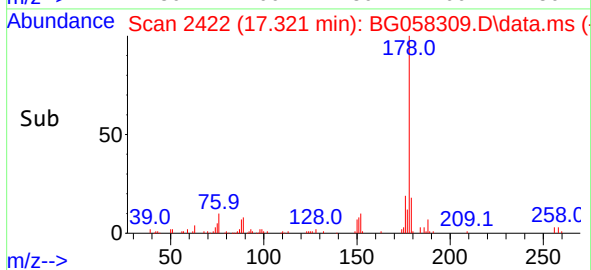
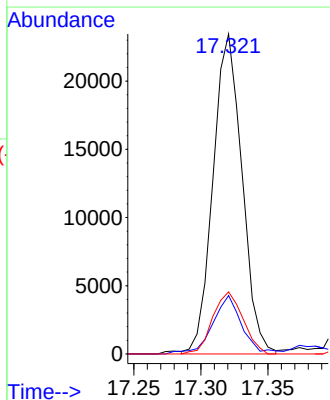
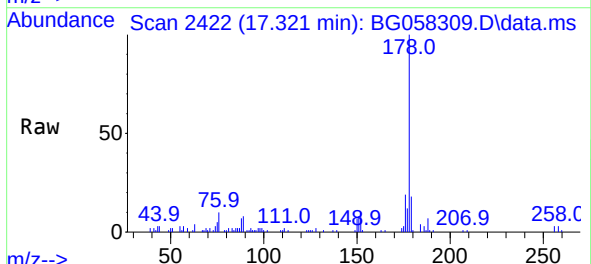
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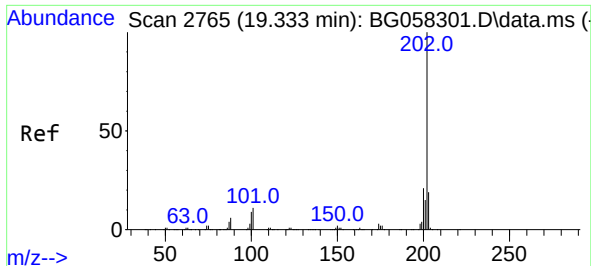
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#72
Phenanthrene
Concen: 2.556 ng/ul m
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

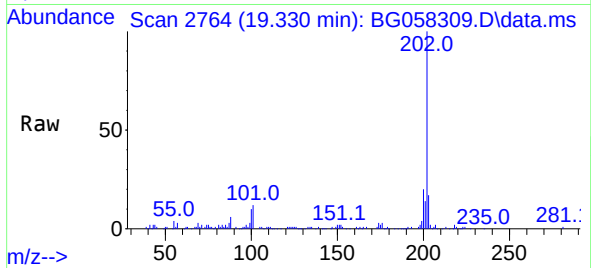
Tgt Ion:	178	Resp:	35247
Ion Ratio	Lower	Upper	
178	100		
179	18.3	11.9	17.9#
176	19.4	15.8	23.8





#80
Fluoranthene
Concen: 4.435 ng/u1
RT: 19.330 min Scan# 2765
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

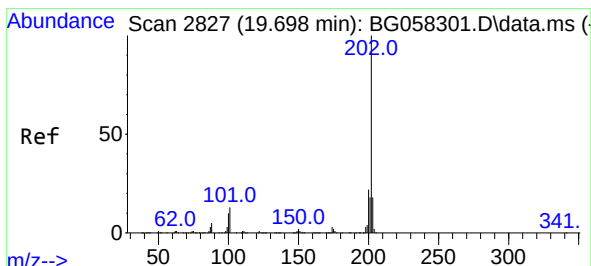
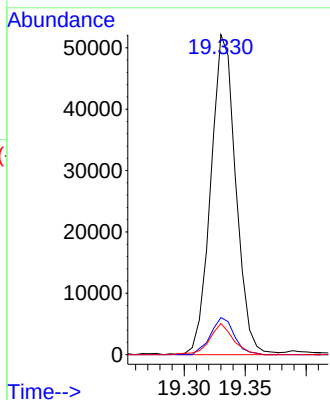
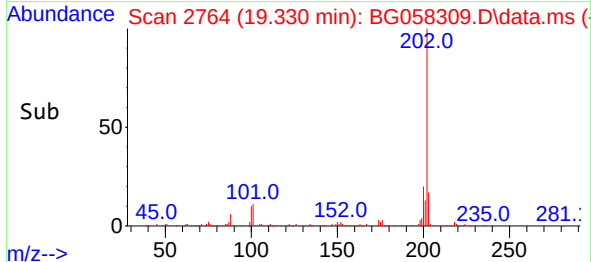
Instrument :
BNA_G
ClientSampleId :
A46T6



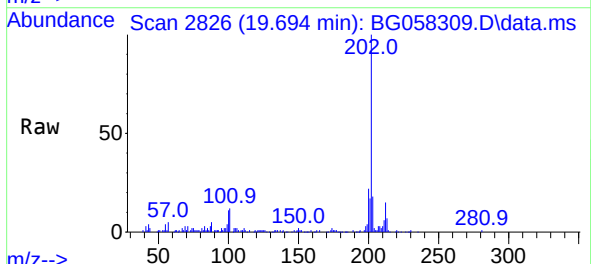
Tgt Ion:202 Resp: 74225
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 9.7 7.2 10.8

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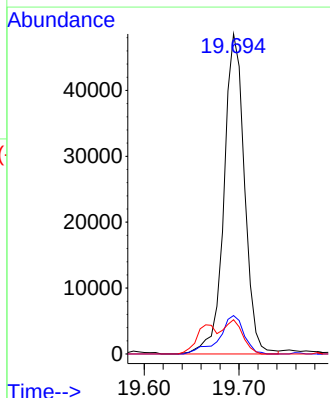
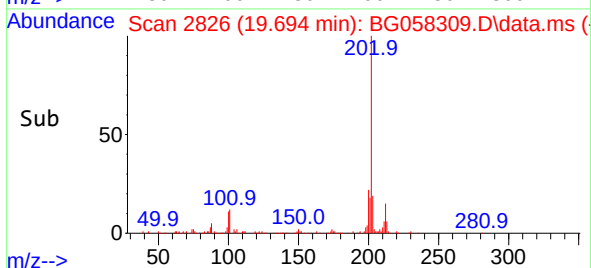
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

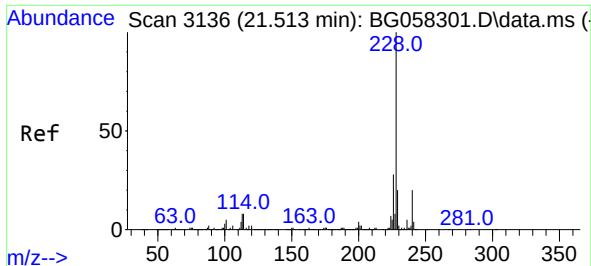


#82
Pyrene
Concen: 4.300 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32



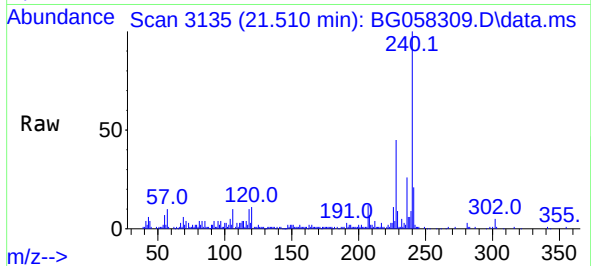
Tgt Ion:202 Resp: 72929
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.2
100 10.7 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.785 ng/ul
RT: 21.510 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

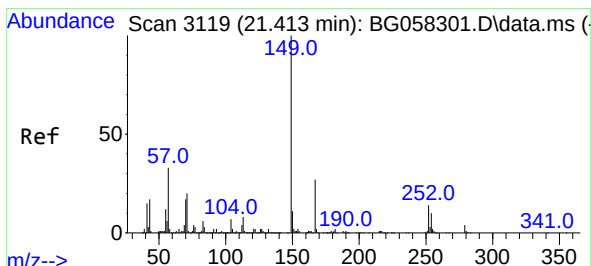
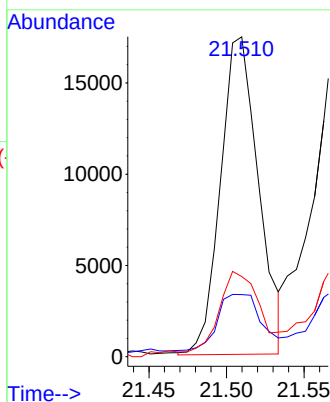
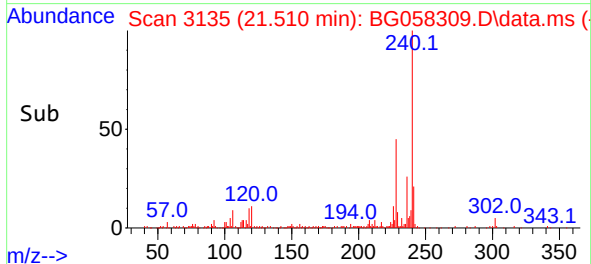
Instrument :
BNA_G
ClientSampleId :
A46T6



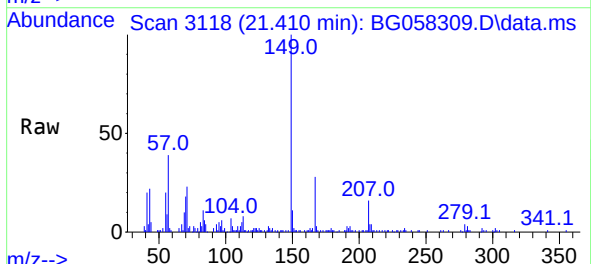
Tgt Ion:228 Resp: 2967
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 25.0 21.8 32.8

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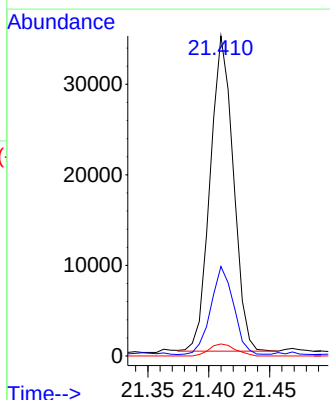
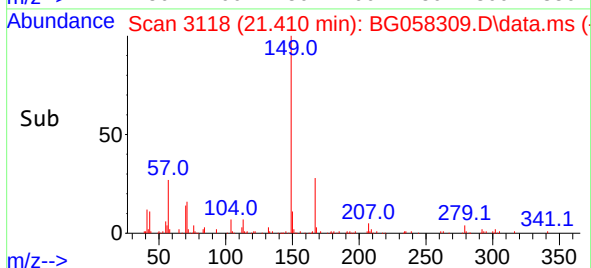
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

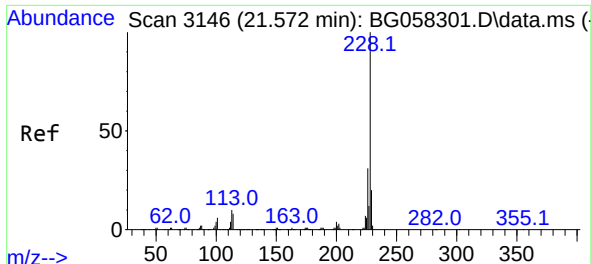


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.846 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32



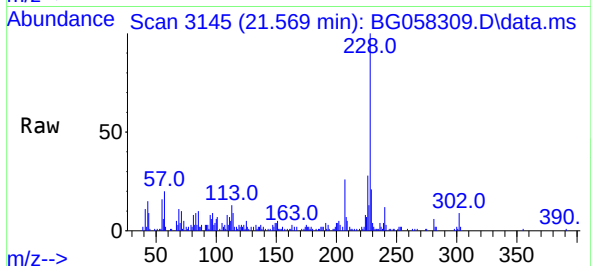
Tgt Ion:149 Resp: 46028
Ion Ratio Lower Upper
149 100
167 28.0 21.6 32.4
279 3.7 3.0 4.4





#87
Chrysene
Concen: 2.136 ng/ul
RT: 21.569 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

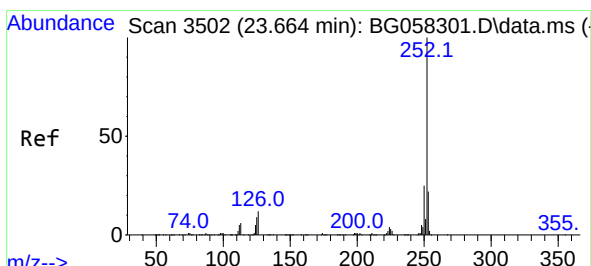
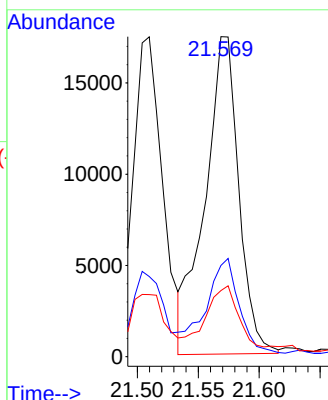
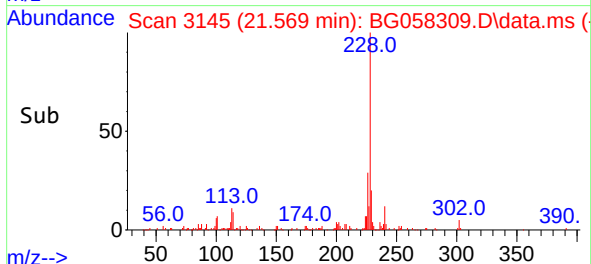
Instrument :
BNA_G
ClientSampleId :
A46T6



Tgt Ion:228 Resp: 3368
Ion Ratio Lower Upper
228 100
226 28.5 24.0 36.0
229 20.7 15.8 23.8

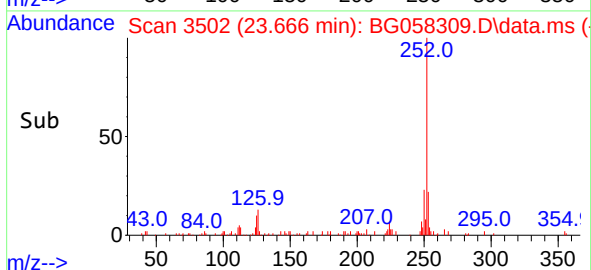
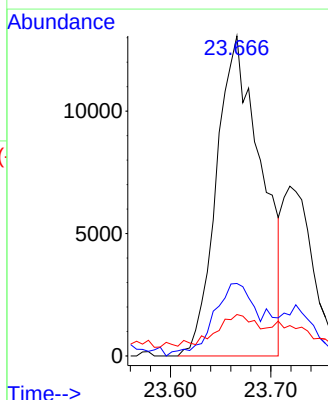
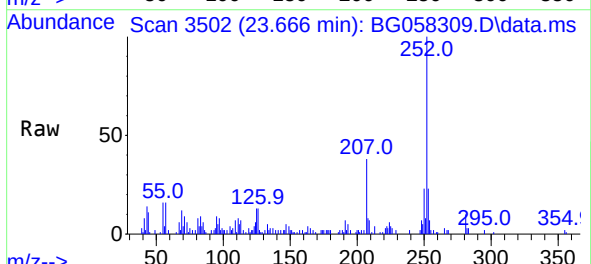
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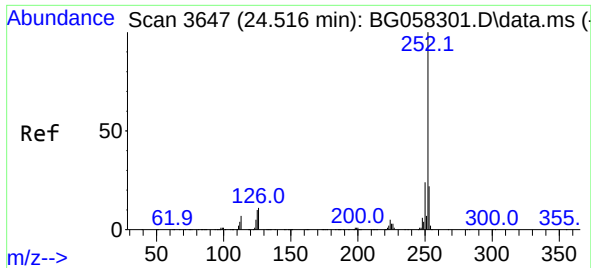
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#90
Benzo(b)fluoranthene
Concen: 2.371 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.002 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

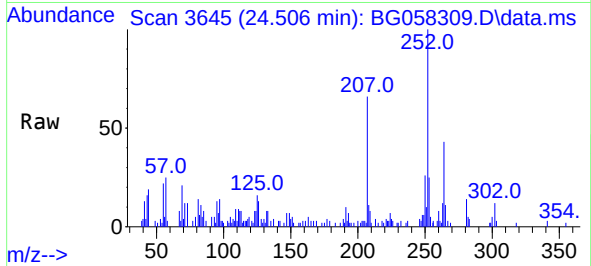
Tgt Ion:252 Resp: 40423
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.0 6.7 10.1#





#93
Benzo(a)pyrene
Concen: 1.363 ng/u1
RT: 24.506 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32

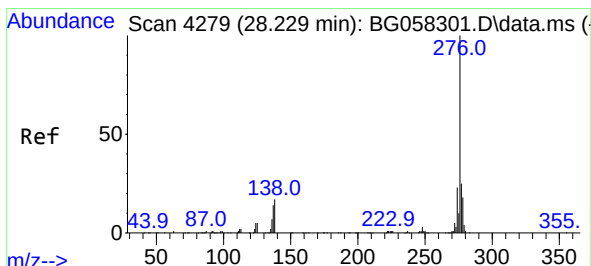
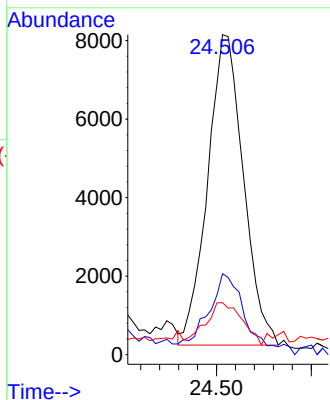
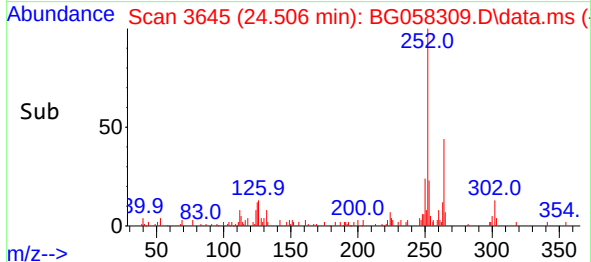
Instrument :
BNA_G
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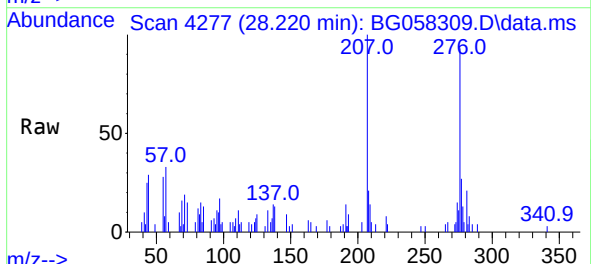
Tgt Ion:252 Resp: 20670
Ion Ratio Lower Upper
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253 25.3 17.4 26.0
125 16.3 7.7 11.5

Manual Integrations
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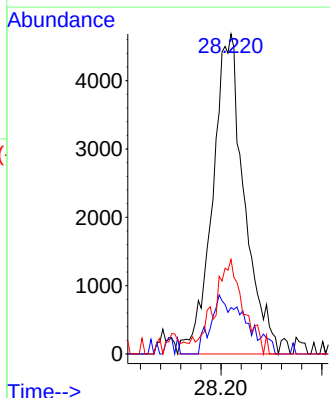
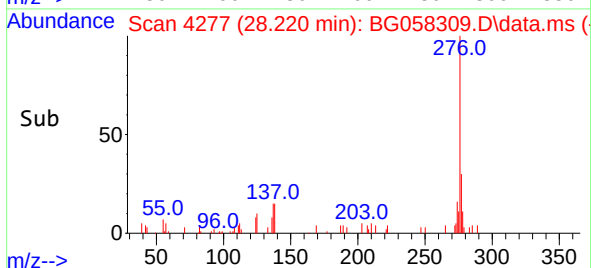
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Supervised By :Sohil Jodhani 07/19/2023

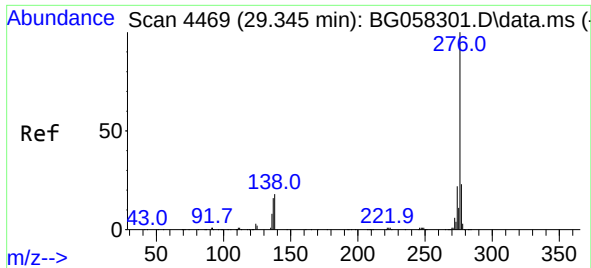


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.016 ng/u1 m
RT: 28.220 min Scan# 4277
Delta R.T. -0.008 min
Lab File: BG058309.D
Acq: 18 Jul 2023 20:32



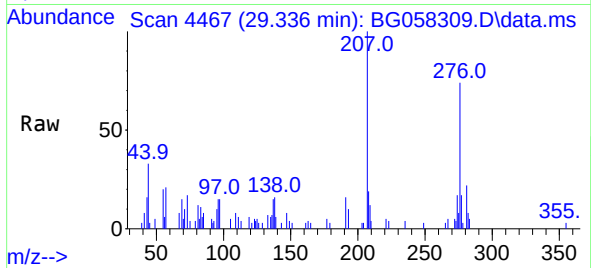
Tgt Ion:276 Resp: 20291
Ion Ratio Lower Upper
276 100
138 14.5 13.8 20.6
277 29.6 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.159 ng/ul m
 RT: 29.336 min Scan# 44
 Delta R.T. -0.014 min
 Lab File: BG058309.D
 Acq: 18 Jul 2023 20:32

Instrument :
 BNA_G
 ClientSampleId :
 A46T6



Tgt Ion:276 Resp: 18869

Ion	Ratio	Lower	Upper
276	100		
138	21.6	13.5	20.3
277	23.7	19.4	29.2

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