

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058312.D
 Acq On : 18 Jul 2023 22:37
 Operator : CG/JU
 Sample : 03444-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W0

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 05:54:06 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	7.899	152	42440	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	192492	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	143004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.276	188	340211	20.000	ng/u1	0.00
79) Chrysene-d12	21.530	240	290077	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	349502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	896	0.777	ng/uL	0.00
4) Pyridine-d5	3.757	84	7364	2.152	ng/u1	0.00
7) Phenol-d5	7.065	99	24239	6.021	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	17009	6.759	ng/u1	0.00
11) 2-Chlorophenol-d4	7.435	132	18042	6.402	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	2627	0.855	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	9757	6.762	ng/u1	0.00
24) 2-Nitrophenol-d4	9.779	143	10346	6.568	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	18484	6.121	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.939	166	81434	7.385	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	83957	7.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	9914m	5.953	ng/u1	0.00
60) Fluorene-d10	15.526	176	75036	8.219	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	9105	5.253	ng/u1	0.00
73) Anthracene-d10	17.376	188	80671	5.488	ng/u1	0.00
81) Pyrene-d10	19.668	212	153795	8.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	92543	5.478	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	18324	3.504	ng/u1	96
72) Phenanthrene	17.318	178	95590	5.912	ng/u1	100
80) Fluoranthene	19.333	202	127658	6.504	ng/u1	98
82) Pyrene	19.697	202	108562	5.459	ng/u1	97
85) Benzo(a)anthracene	21.507	228	48549	2.490	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	56665	5.087	ng/u1	99
87) Chrysene	21.571	228	52440	2.836	ng/u1	96
89) Di-n-octyl phthalate	22.594	149	19596	1.054	ng/u1	100
90) Benzo(b)fluoranthene	23.669	252	62620	3.097	ng/u1#	94
91) Benzo(k)fluoranthene	23.722	252	20842m	1.033	ng/u1	
93) Benzo(a)pyrene	24.509	252	28057	1.560	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.222	276	31647m	1.335	ng/u1	
96) Benzo(g,h,i)perylene	29.327	276	28730	1.488	ng/u1	95

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

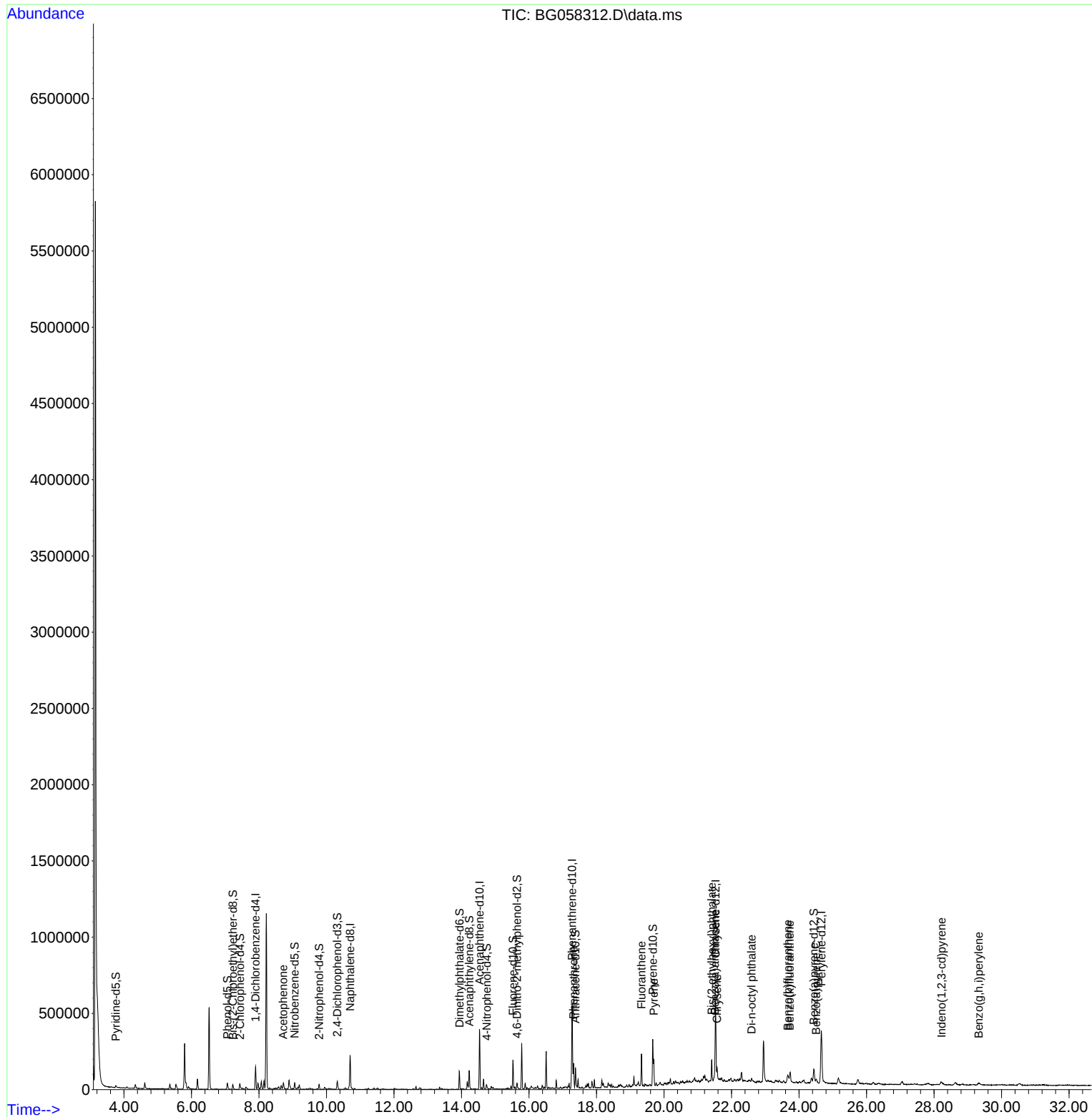
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058312.D
Acq On : 18 Jul 2023 22:37
Operator : CG/JU
Sample : 03444-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

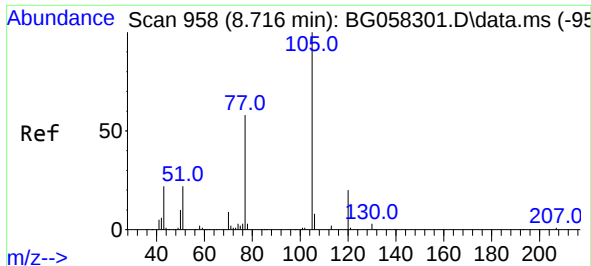
Instrument :
BNA_G
ClientSampleId :
A46W0

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

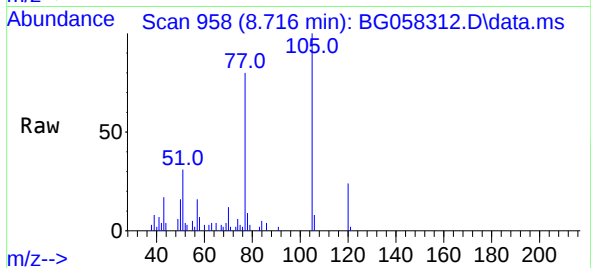
Quant Time: Jul 19 05:54:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.504 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

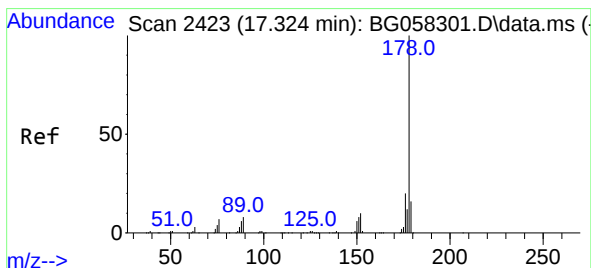
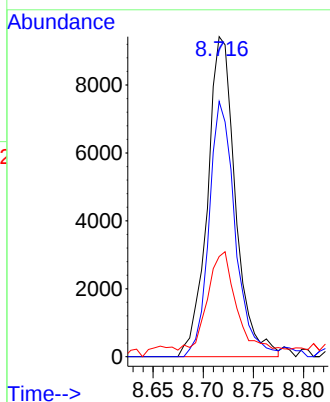
Instrument :
BNA_G
ClientSampleId :
A46W0



Tgt Ion:	105	Resp:	18324
Ion Ratio	Lower	Upper	
105	100		
77	79.7	60.7	91.1
51	31.3	23.5	35.3

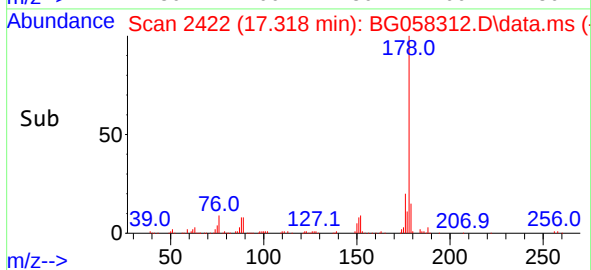
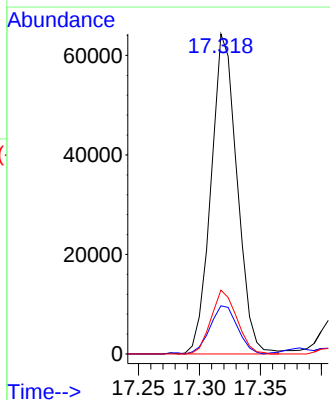
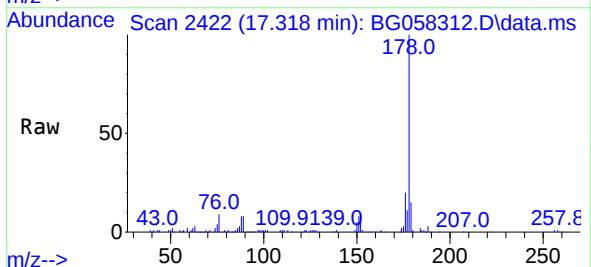
Manual Integrations
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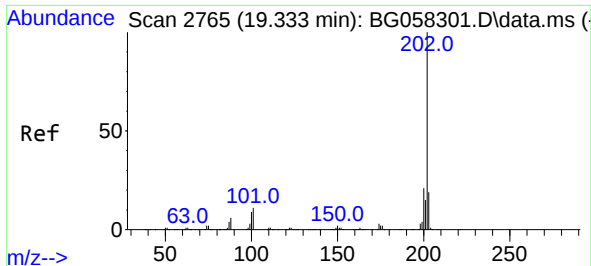
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#72
Phenanthrene
Concen: 5.912 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

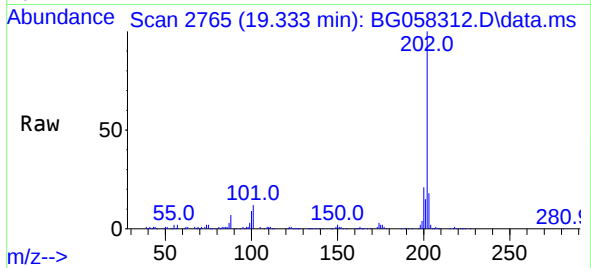
Tgt Ion:	178	Resp:	95590
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.9	17.9
176	20.0	15.8	23.8





#80
Fluoranthene
Concen: 6.504 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

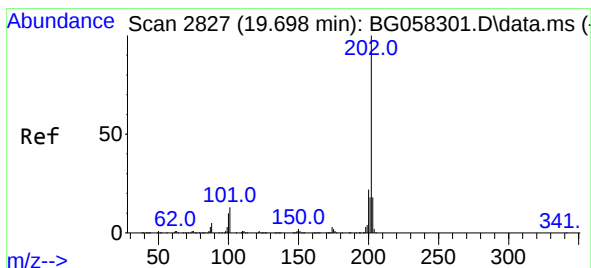
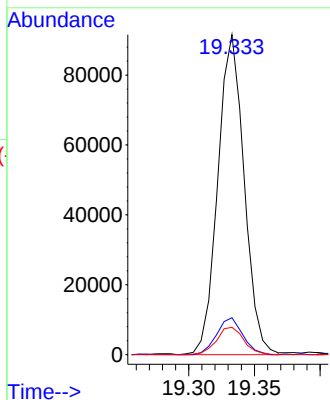
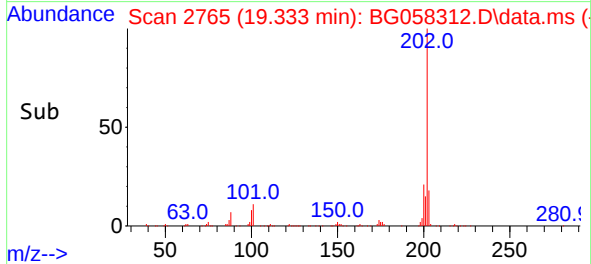
Instrument :
BNA_G
ClientSampleId :
A46W0



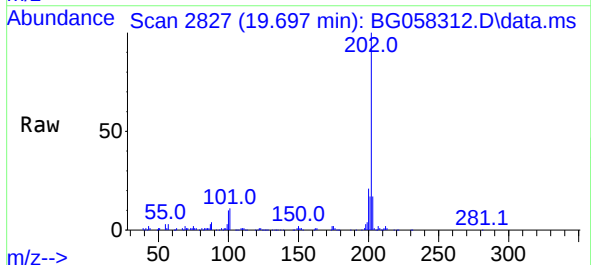
Tgt Ion:202 Resp: 127658
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.6 7.2 10.8

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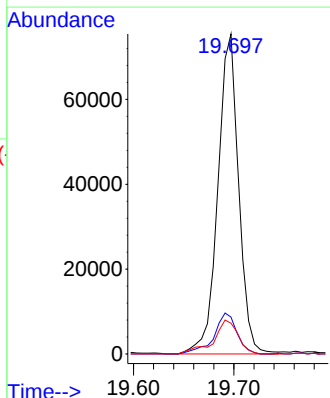
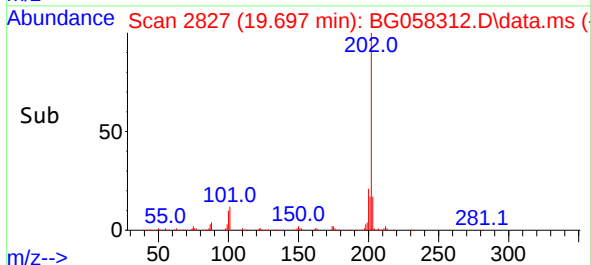
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

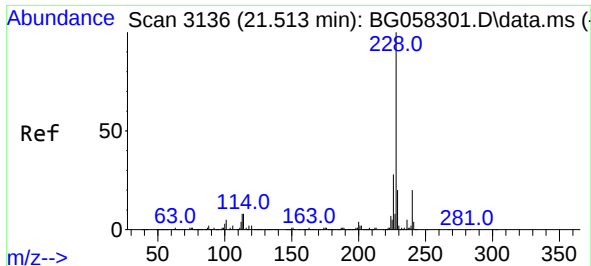


#82
Pyrene
Concen: 5.459 ng/u1
RT: 19.697 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37



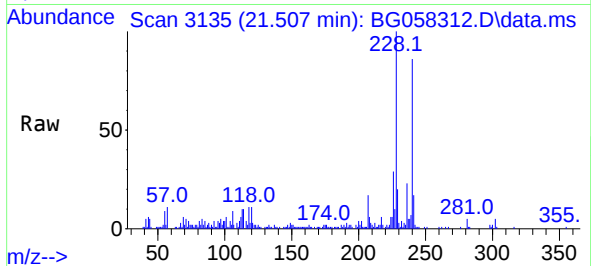
Tgt Ion:202 Resp: 108562
Ion Ratio Lower Upper
202 100
101 11.5 10.2 15.2
100 9.6 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.490 ng/ul
RT: 21.507 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

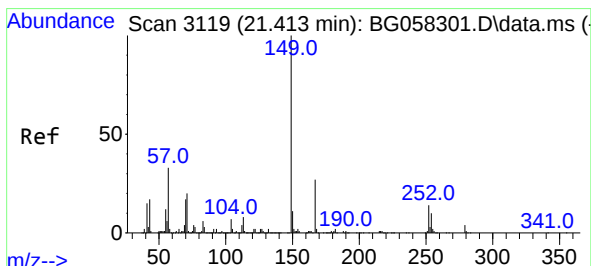
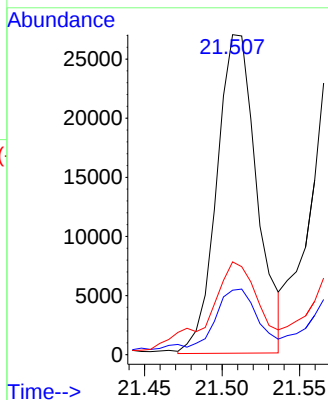
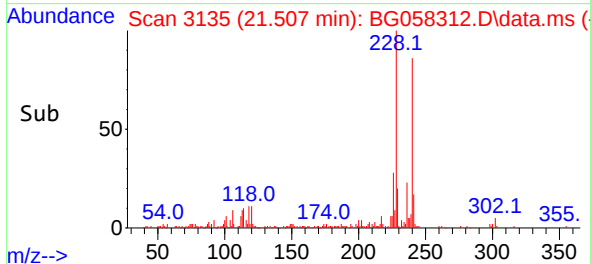
Instrument :
BNA_G
ClientSampleId :
A46W0



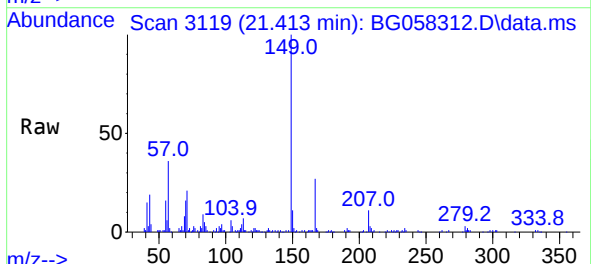
Tgt Ion:228 Resp: 48549
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 29.0 21.8 32.8

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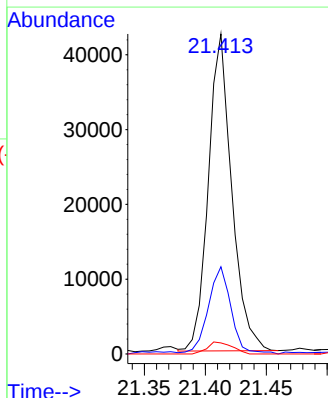
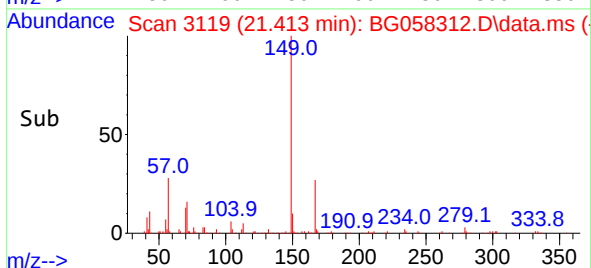
Reviewed By :Yogesh Patel 07/19/2023
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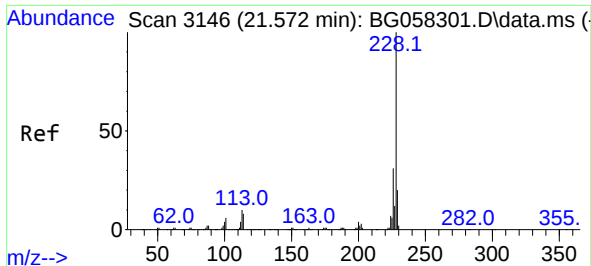


#86
Bis(2-ethylhexyl)phthalate
Concen: 5.087 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37



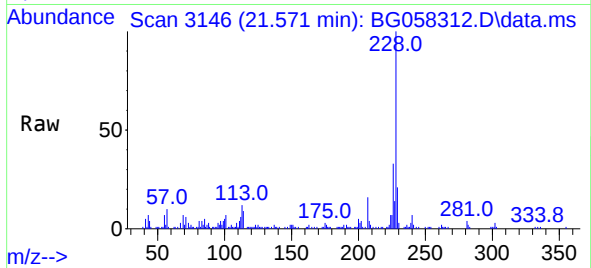
Tgt Ion:149 Resp: 56665
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 3.5 3.0 4.4





#87
Chrysene
Concen: 2.836 ng/ul
RT: 21.571 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

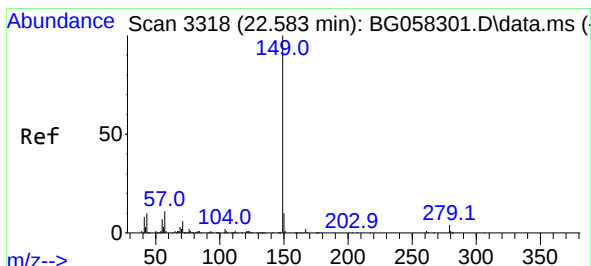
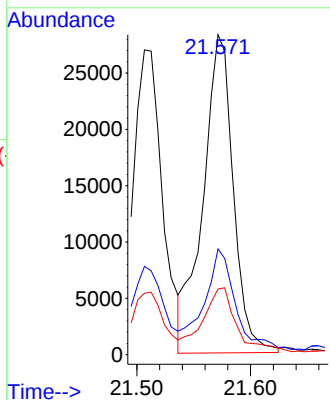
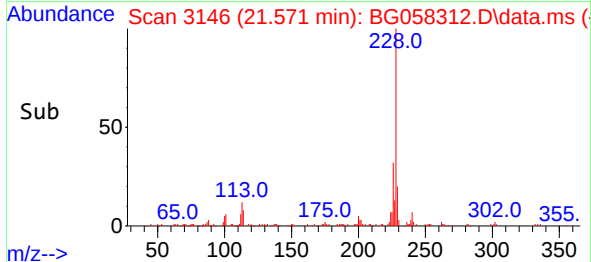
Instrument :
BNA_G
ClientSampleId :
A46W0



Tgt Ion:228 Resp: 52440
Ion Ratio Lower Upper
228 100
226 33.1 24.0 36.0
229 20.5 15.8 23.8

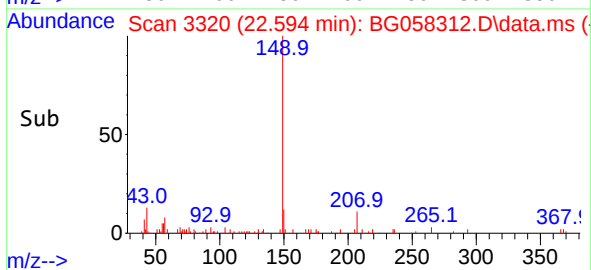
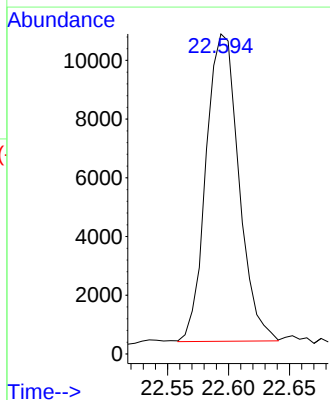
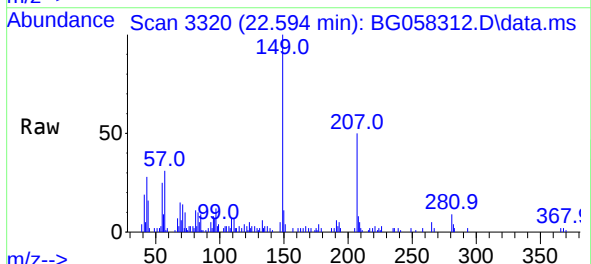
Manual Integrations
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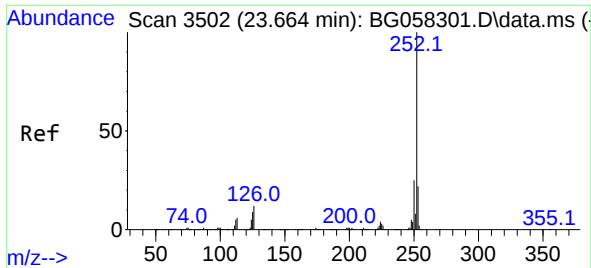
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#89
Di-n-octyl phthalate
Concen: 1.054 ng/ul
RT: 22.594 min Scan# 3320
Delta R.T. 0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

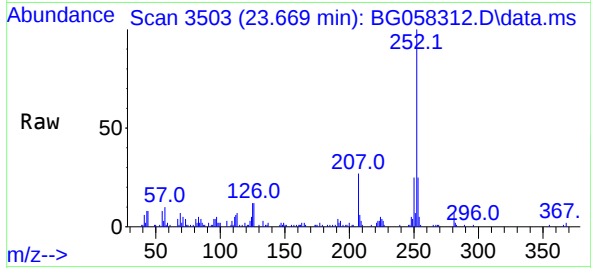
Tgt Ion:149 Resp: 19596





#90
Benzo(b)fluoranthene
Concen: 3.097 ng/ul
RT: 23.669 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

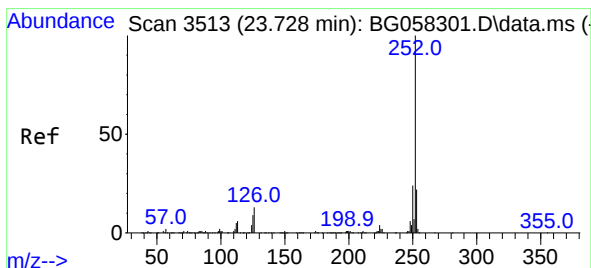
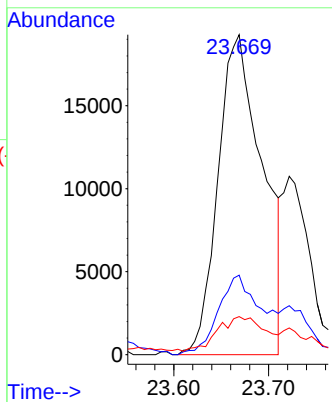
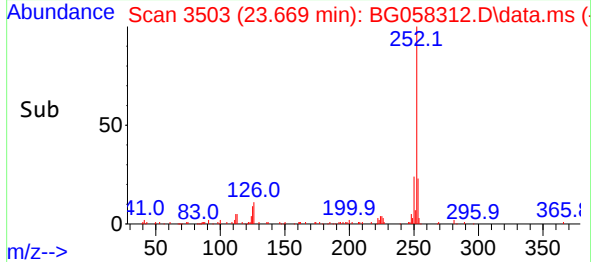
Instrument :
BNA_G
ClientSampleId :
A46W0



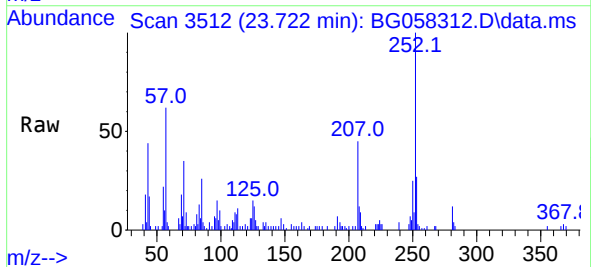
Tgt Ion:252 Resp: 62620
Ion Ratio Lower Upper
252 100
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125 11.9 6.7 10.1

Manual Integrations
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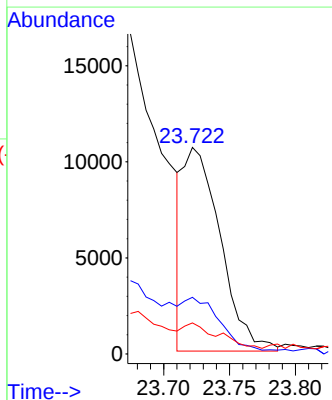
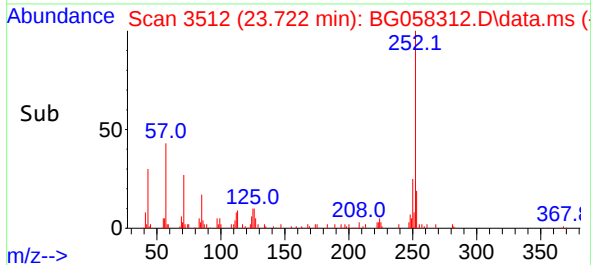
Reviewed By :Yogesh Patel 07/19/2023
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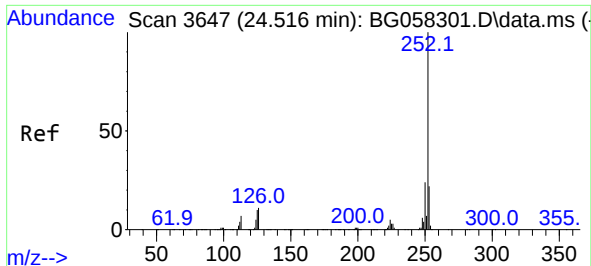


#91
Benzo(k)fluoranthene
Concen: 1.033 ng/ul m
RT: 23.722 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37



Tgt Ion:252 Resp: 20842
Ion Ratio Lower Upper
252 100
253 27.4 18.3 27.5
125 15.0 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.560 ng/ul
RT: 24.509 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

Instrument :

BNA_G

ClientSampleId :

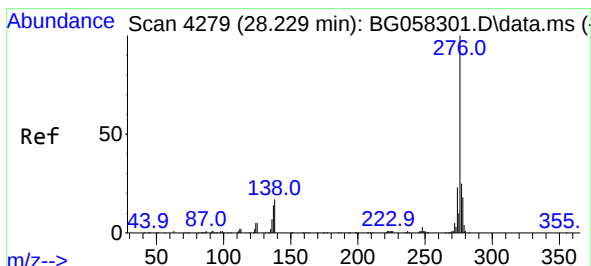
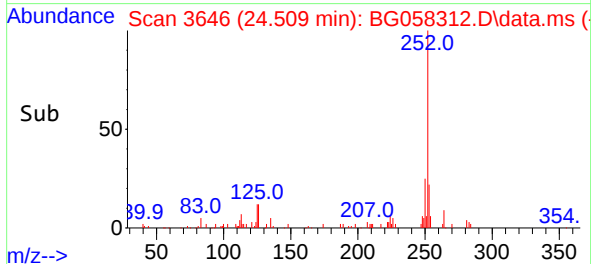
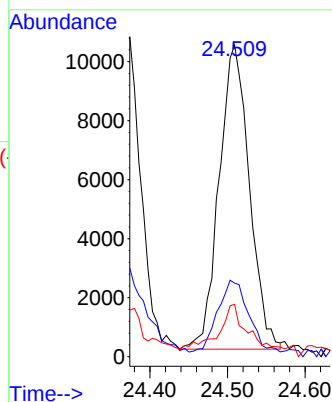
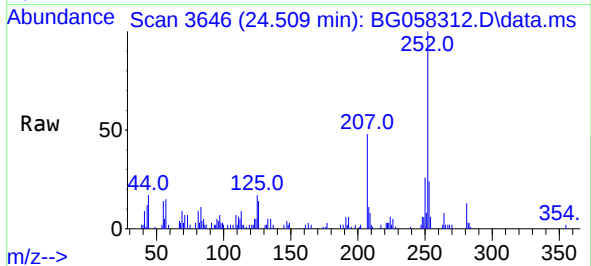
A46W0

Tgt Ion:252 Resp: 2805
Ion Ratio Lower Upper
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125 16.8 7.7 11.5

Manual Integrations

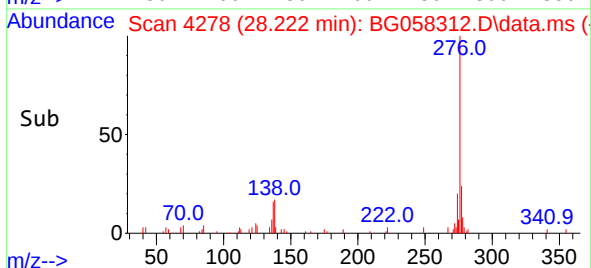
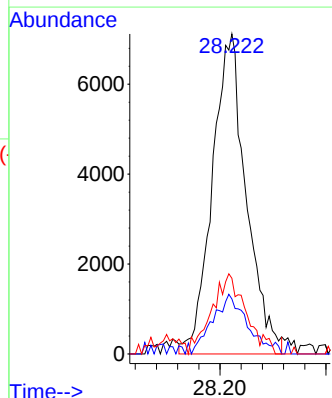
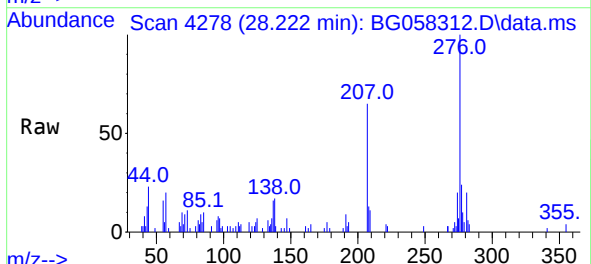
APPROVED

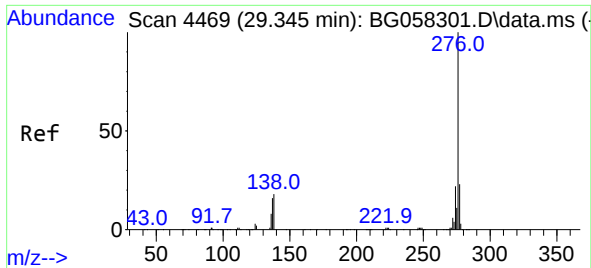
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.335 ng/ul m
RT: 28.222 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

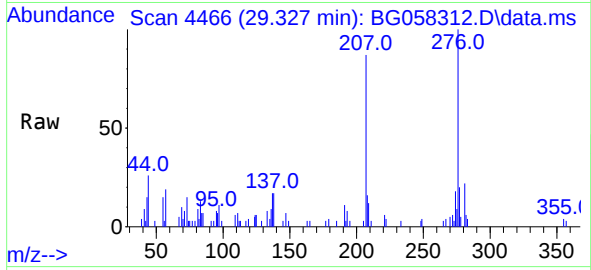
Tgt Ion:276 Resp: 31647
Ion Ratio Lower Upper
276 100
138 17.2 13.8 20.6
277 23.6 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.488 ng/ul
 RT: 29.327 min Scan# 4466
 Delta R.T. -0.023 min
 Lab File: BG058312.D
 Acq: 18 Jul 2023 22:37

Instrument :
 BNA_G
 ClientSampleId :
 A46W0



Tgt	Ion:276	Resp:	28730
Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.5	20.3
277	20.0	19.4	29.2

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