

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058320.D
 Acq On : 19 Jul 2023 4:49
 Operator : CG/JU
 Sample : 03444-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Y3

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 07:01:20 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	44543	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	207676	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.535	164	157018	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	379657	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	315185	20.000	ng/u1	0.00
88) Perylene-d12	24.665	264	375050	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1435	1.186	ng/uL	0.00
4) Pyridine-d5	3.754	84	9320	2.595	ng/u1	0.00
7) Phenol-d5	7.062	99	36189	8.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	22805	8.635	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	25438	8.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	8730	2.709	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	13363	8.584	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	14676	8.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	26901	8.258	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	141	0.030	ng/u1	-0.16
46) Dimethylphthalate-d6	13.936	166	100592	8.308	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	106649	8.405	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	12515m	6.844	ng/u1	0.00
60) Fluorene-d10	15.522	176	93830	9.360	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	12299	6.358	ng/u1	0.00
73) Anthracene-d10	17.373	188	89374	5.448	ng/u1	0.00
81) Pyrene-d10	19.665	212	189137	10.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.447	264	92395	5.097	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	20084	3.659	ng/u1	98
72) Phenanthrene	17.320	178	70526	3.909	ng/u1	98
80) Fluoranthene	19.330	202	123743	5.802	ng/u1	98
82) Pyrene	19.694	202	102765	4.756	ng/u1	99
85) Benzo(a)anthracene	21.510	228	45339	2.140	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	35365	2.922	ng/u1	96
87) Chrysene	21.574	228	51995	2.588	ng/u1	97
90) Benzo(b)fluoranthene	23.672	252	61335	2.826	ng/u1	98
91) Benzo(k)fluoranthene	23.725	252	24335m	1.124	ng/u1	
93) Benzo(a)pyrene	24.512	252	21120	1.094	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.213	276	28971m	1.139	ng/u1	
96) Benzo(g,h,i)perylene	29.330	276	25486	1.230	ng/u1	98

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

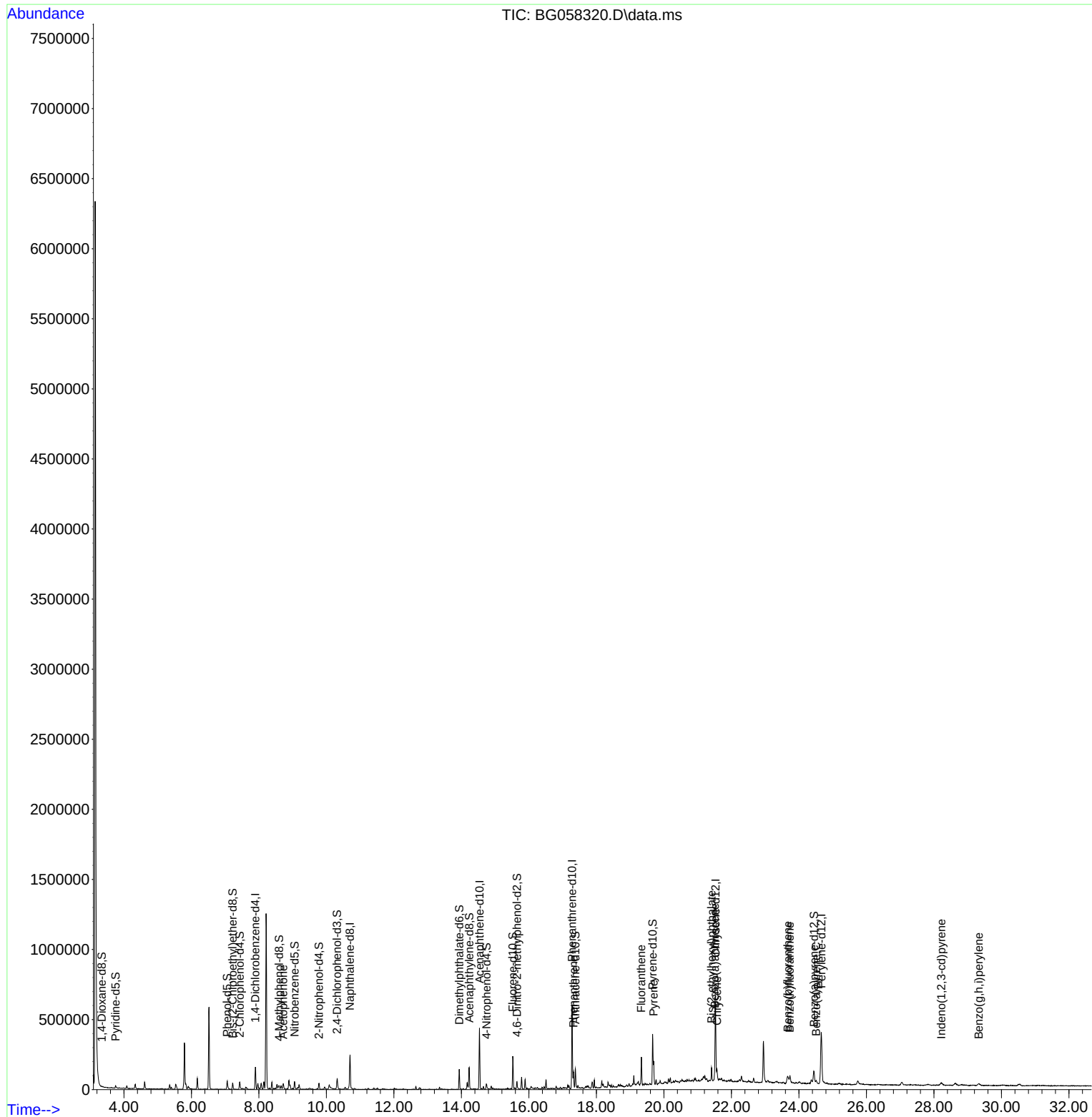
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058320.D
Acq On : 19 Jul 2023 4:49
Operator : CG/JU
Sample : 03444-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

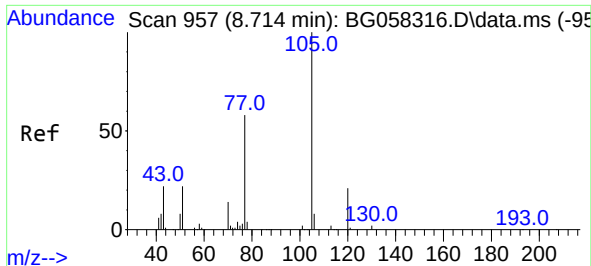
Instrument :
BNA_G
ClientSampleId :
A46Y3

Manual Integrations
APPROVED

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

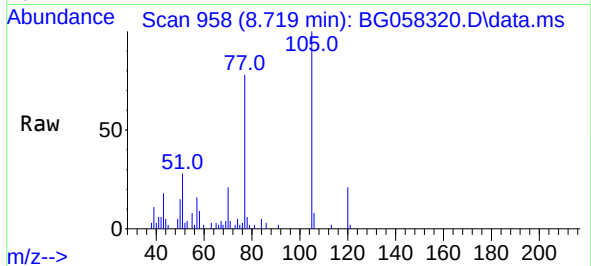
Quant Time: Jul 19 07:01:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.659 ng/u1
RT: 8.719 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

Instrument :
BNA_G
ClientSampleId :
A46Y3

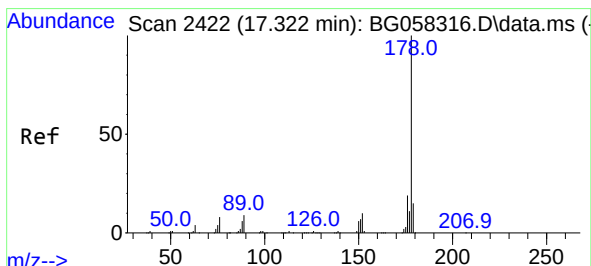
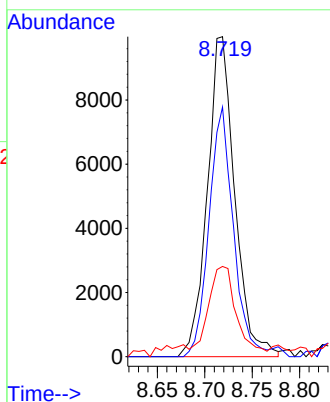


Tgt Ion:105 Resp: 20084

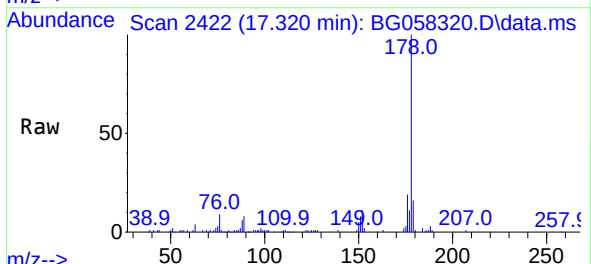
Ion	Ratio	Lower	Upper
105	100		
77	78.0	60.7	91.1
51	28.2	23.5	35.3

Manual Integrations
APPROVED

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

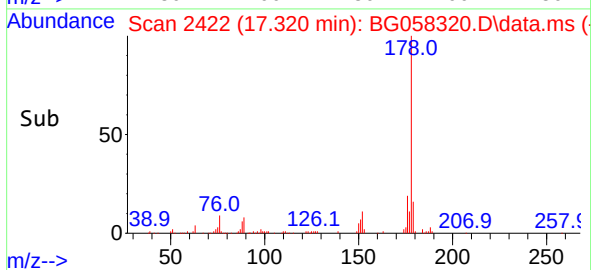
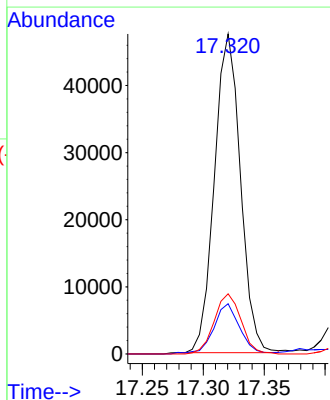


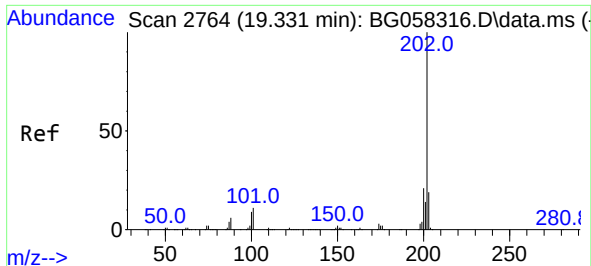
#72
Phenanthrene
Concen: 3.909 ng/u1
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



Tgt Ion:178 Resp: 70526

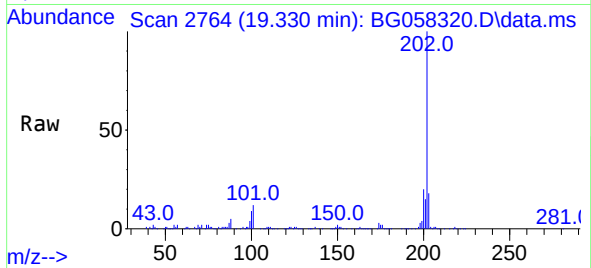
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.8	15.8	23.8





#80
Fluoranthene
Concen: 5.802 ng/u1
RT: 19.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

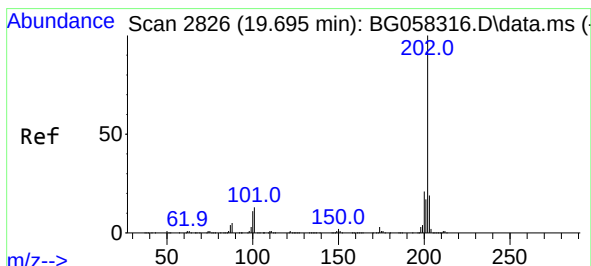
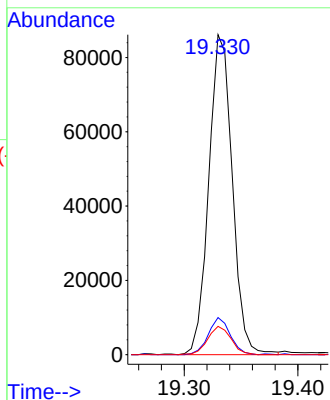
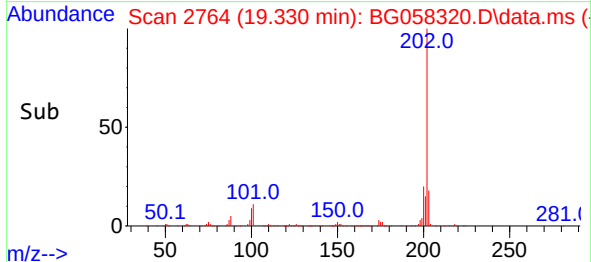
Instrument :
BNA_G
ClientSampleId :
A46Y3



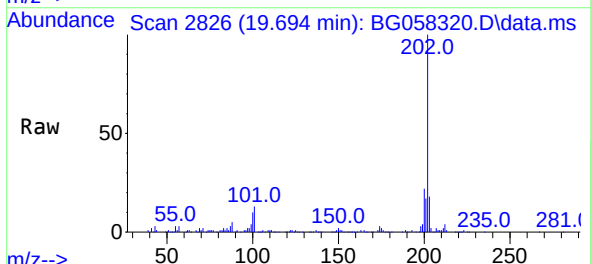
Tgt Ion:202 Resp: 12374
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.8 7.2 10.8

Manual Integrations
APPROVED

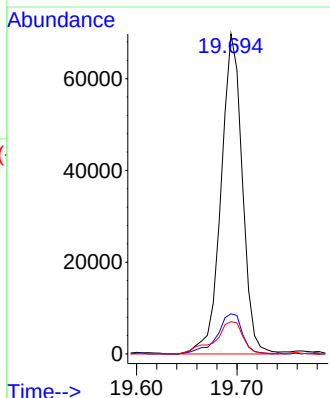
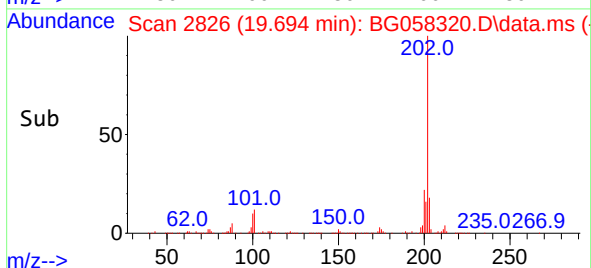
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

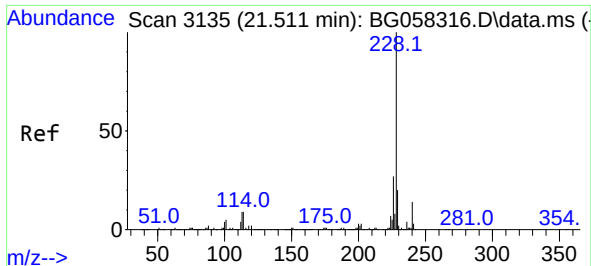


#82
Pyrene
Concen: 4.756 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



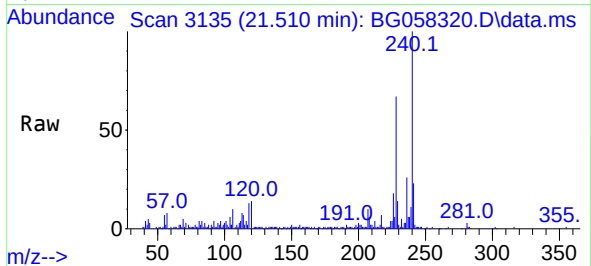
Tgt Ion:202 Resp: 102765
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.1 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.140 ng/ul
RT: 21.510 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

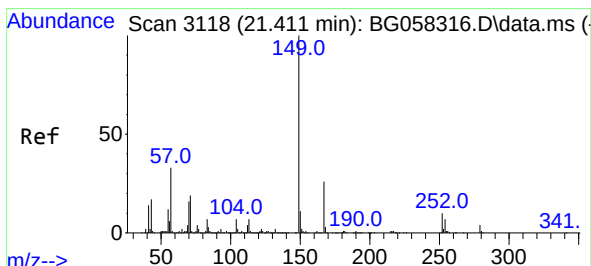
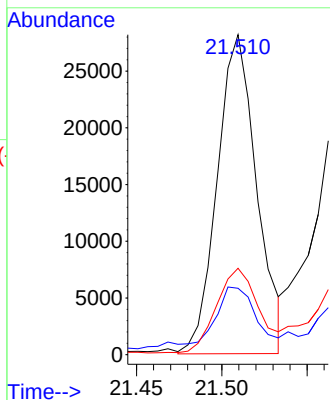
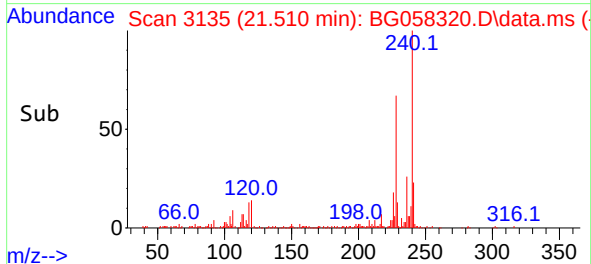
Instrument :
BNA_G
ClientSampleId :
A46Y3



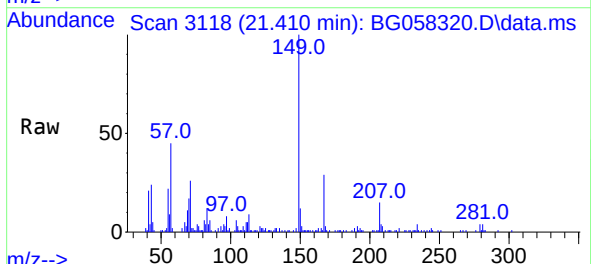
Tgt Ion:228 Resp: 45339
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.0 21.8 32.8

Manual Integrations
APPROVED

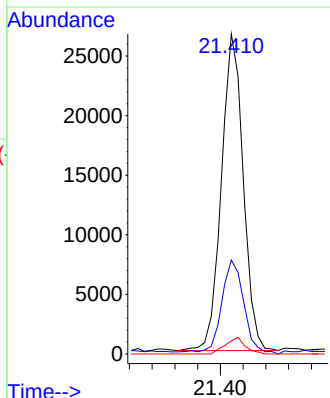
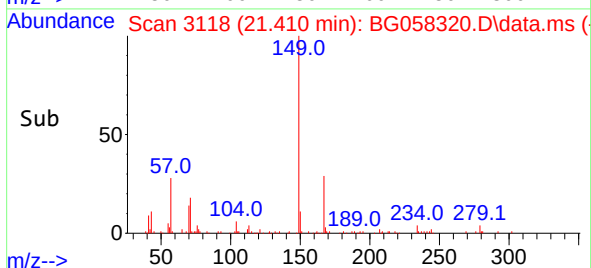
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

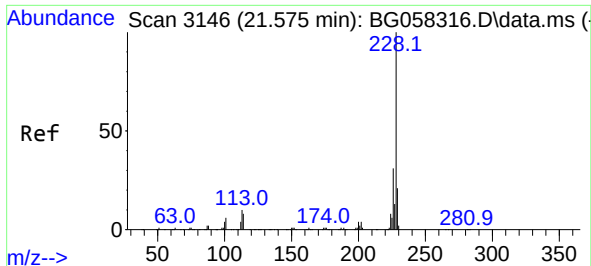


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.922 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



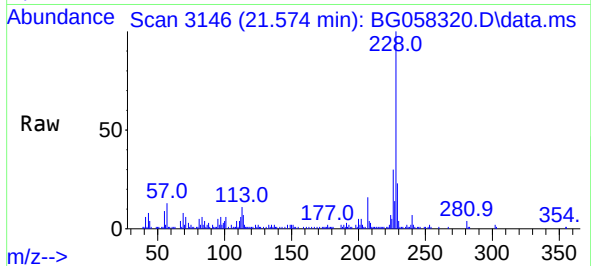
Tgt Ion:149 Resp: 35365
Ion Ratio Lower Upper
149 100
167 29.3 21.6 32.4
279 4.0 3.0 4.4





#87
Chrysene
Concen: 2.588 ng/ul
RT: 21.574 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

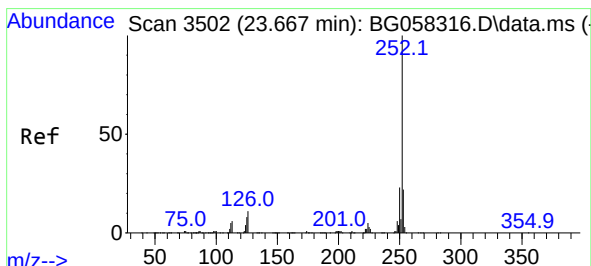
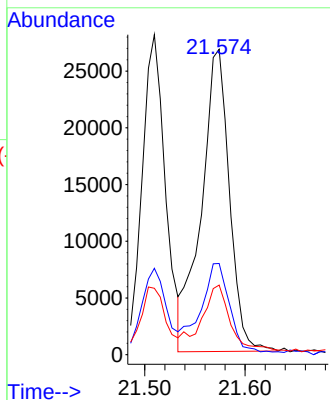
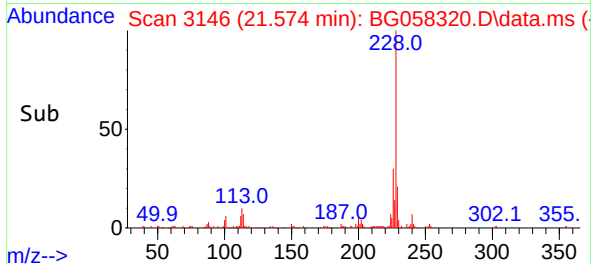
Instrument :
BNA_G
ClientSampleId :
A46Y3



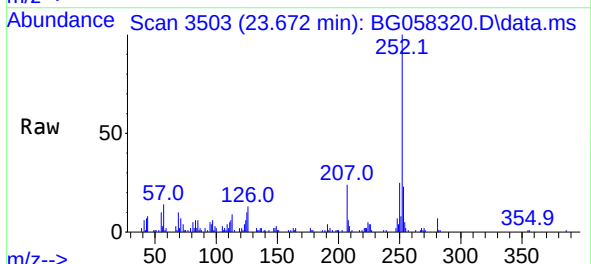
Tgt Ion:228 Resp: 5199
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 22.8 15.8 23.8

Manual Integrations
APPROVED

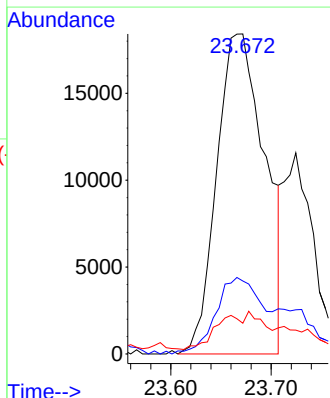
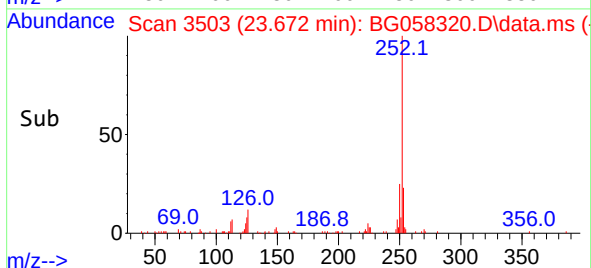
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

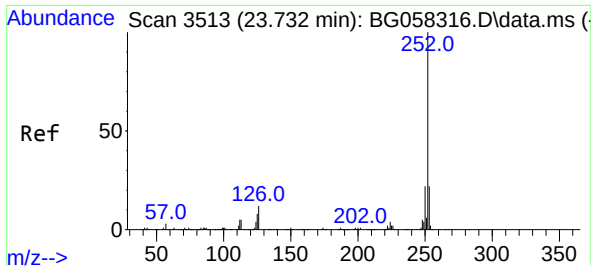


#90
Benzo(b)fluoranthene
Concen: 2.826 ng/ul
RT: 23.672 min Scan# 3503
Delta R.T. 0.003 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



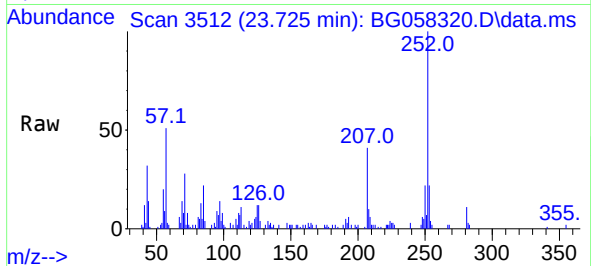
Tgt Ion:252 Resp: 61335
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.6 6.7 10.1





#91
Benzo(k)fluoranthene
Concen: 1.124 ng/ul m
RT: 23.725 min Scan# 3513
Delta R.T. -0.009 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

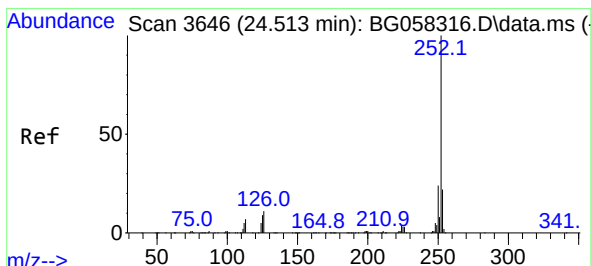
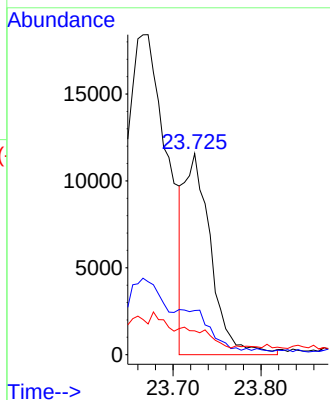
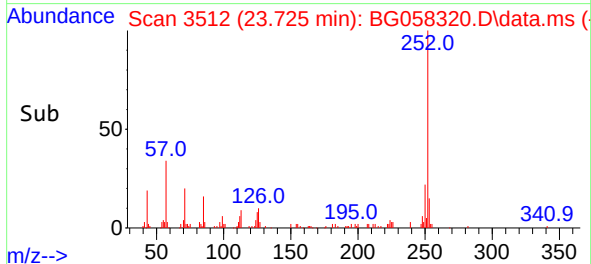
Instrument :
BNA_G
ClientSampleId :
A46Y3



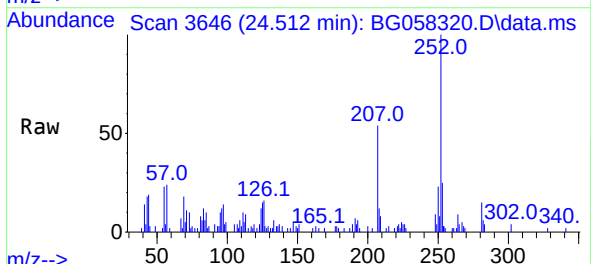
Tgt Ion:252 Resp: 24335
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 11.8 7.4 11.0

Manual Integrations
APPROVED

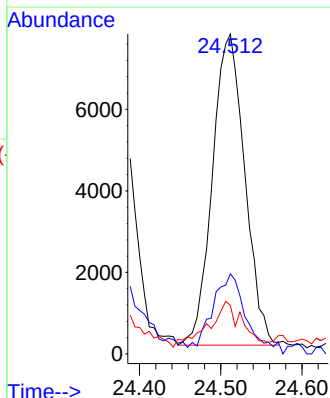
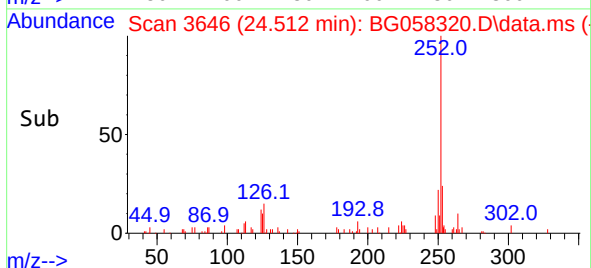
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

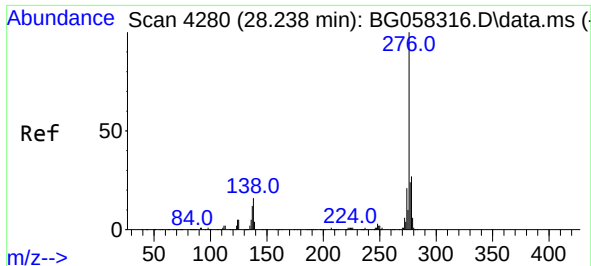


#93
Benzo(a)pyrene
Concen: 1.094 ng/ul
RT: 24.512 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



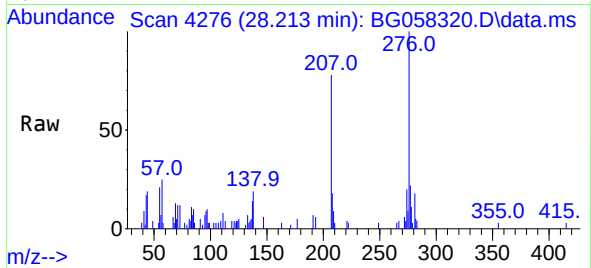
Tgt Ion:252 Resp: 21120
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 15.2 7.7 11.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.139 ng/ul m
RT: 28.213 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49

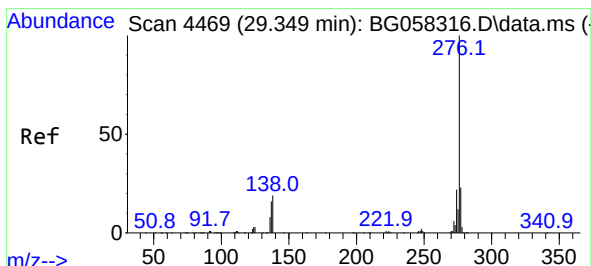
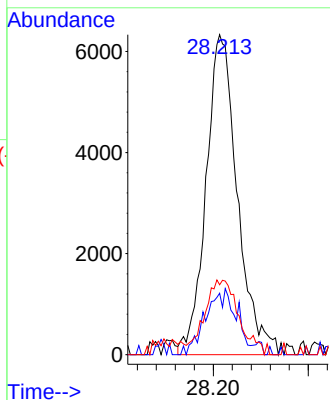
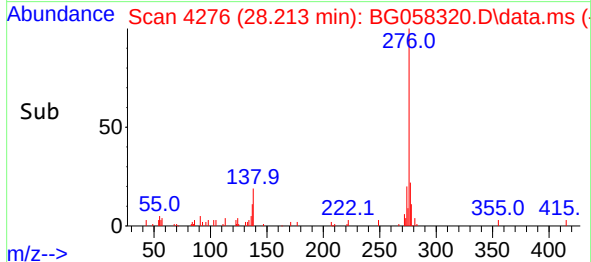
Instrument :
BNA_G
ClientSampleId :
A46Y3



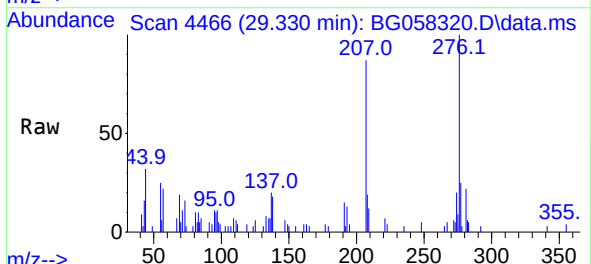
Tgt Ion:276 Resp: 2897
Ion Ratio Lower Upper
276 100
138 19.2 13.8 20.6
277 21.9 19.2 28.8

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.230 ng/ul
RT: 29.330 min Scan# 4466
Delta R.T. -0.020 min
Lab File: BG058320.D
Acq: 19 Jul 2023 4:49



Tgt Ion:276 Resp: 25486
Ion Ratio Lower Upper
276 100
138 18.3 13.5 20.3
277 24.8 19.4 29.2

