

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058371.D
 Acq On : 20 Jul 2023 23:10
 Operator : CG/JU
 Sample : 03472-34
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 00:24:44 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	7.900	152	45184	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	209686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	155892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	349426	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	289754	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	316193	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2113	1.721	ng/uL	0.00
4) Pyridine-d5	3.746	84	21060	5.780	ng/u1	0.00
7) Phenol-d5	7.059	99	42321	9.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	31029	11.582	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	31370	10.455	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	1341	0.410	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	18611	11.841	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	21439	12.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	27745	8.435	ng/u1	0.00
31) 4-Chloroaniline-d4	10.831	131	266	0.056	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	145691	12.119	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	147117	11.678	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	12419m	6.841	ng/u1	0.00
60) Fluorene-d10	15.526	176	134661	13.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	11553	6.489	ng/u1	0.00
73) Anthracene-d10	17.377	188	85210	5.644	ng/u1	0.00
81) Pyrene-d10	19.662	212	197372	11.533	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	50708	3.318	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.716	105	16339	2.935	ng/u1	96
72) Phenanthrene	17.318	178	42460	2.557	ng/u1	99
80) Fluoranthene	19.333	202	66043	3.369	ng/u1	99
82) Pyrene	19.692	202	48708	2.452	ng/u1	99
85) Benzo(a)anthracene	21.507	228	27535	1.414	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	37056	3.331	ng/u1	98
87) Chrysene	21.572	228	32093	1.737	ng/u1	95
90) Benzo(b)fluoranthene	23.663	252	40342	2.205	ng/u1#	96

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

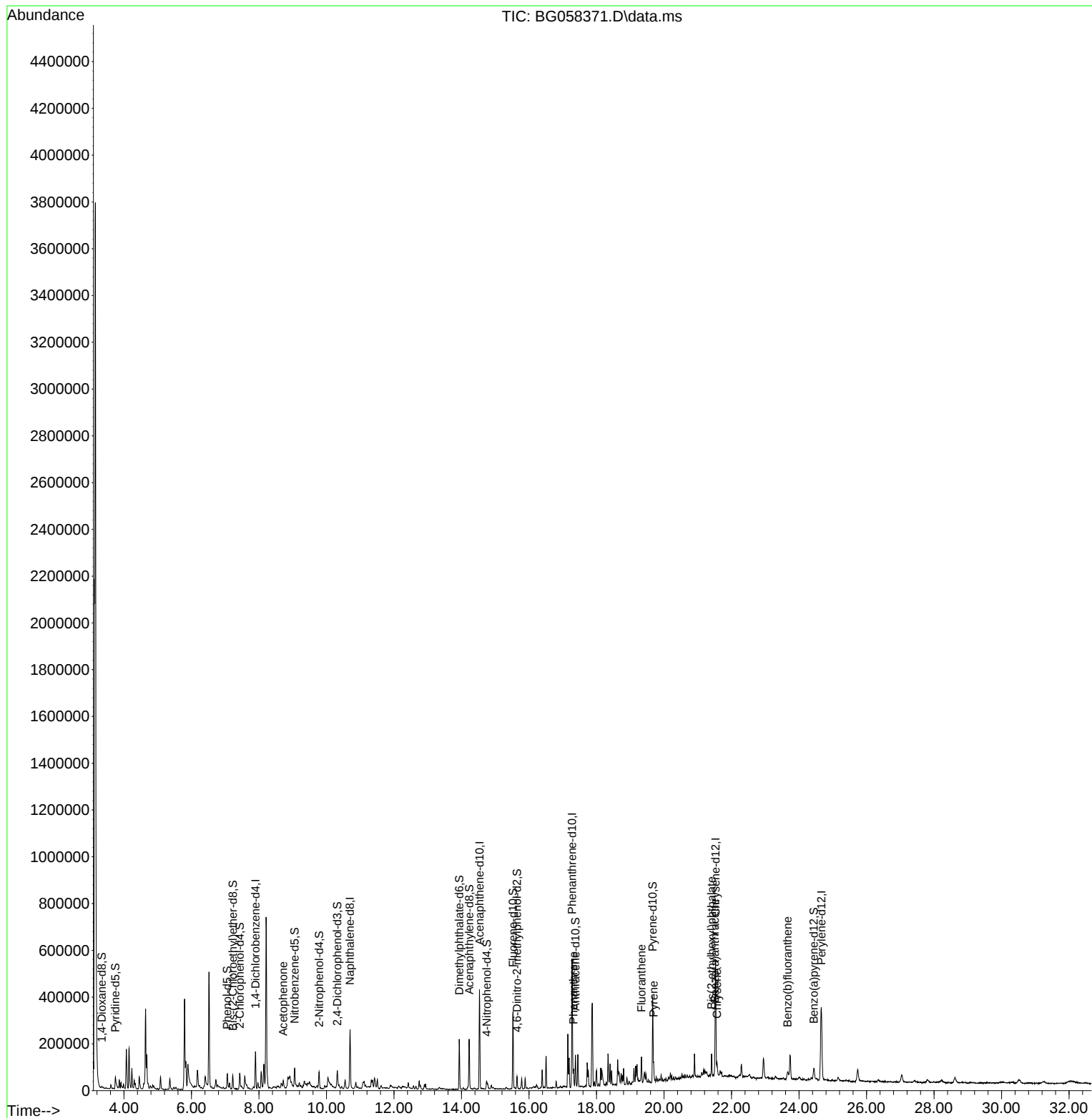
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058371.D
Acq On : 20 Jul 2023 23:10
Operator : CG/JU
Sample : 03472-34
Misc :
ALS Vial : 42 Sample Multiplier: 1

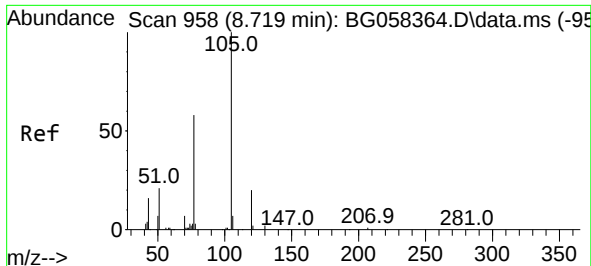
Instrument :
BNA_G
ClientSampleId :
A46S4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

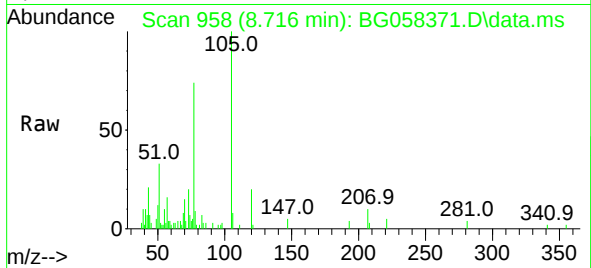
Quant Time: Jul 21 00:24:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.935 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10

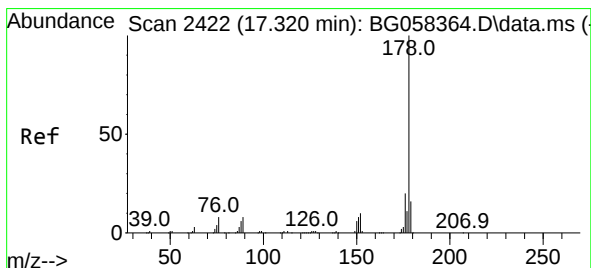
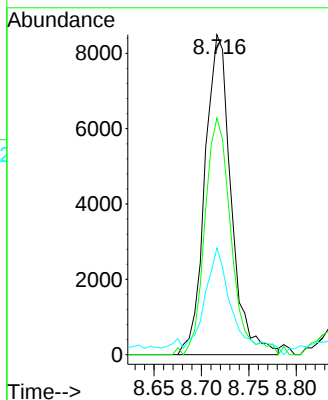
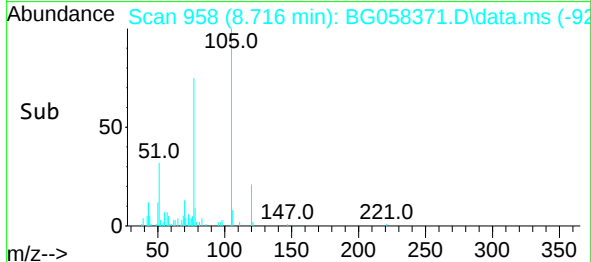
Instrument :
BNA_G
ClientSampleId :
A46S4



Tgt Ion:105 Resp: 16339
Ion Ratio Lower Upper
105 100
77 74.0 60.7 91.1
51 33.4 23.5 35.3

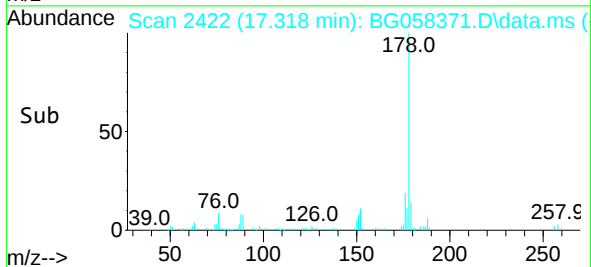
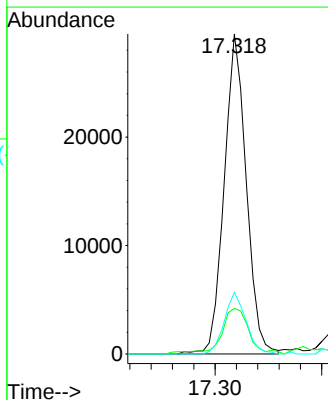
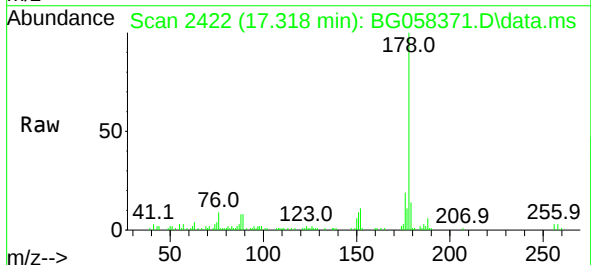
Manual Integrations
APPROVED

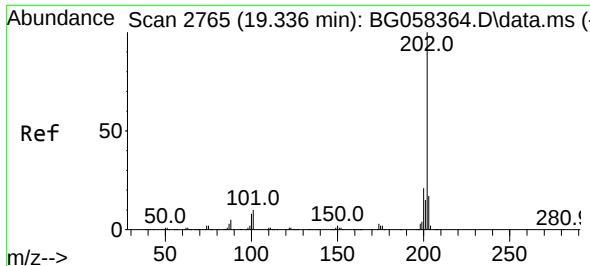
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Phenanthrene
Concen: 2.557 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10

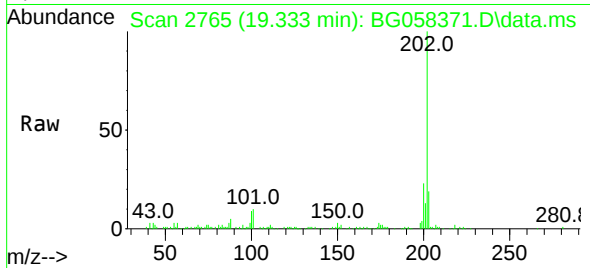
Tgt Ion:178 Resp: 42460
Ion Ratio Lower Upper
178 100
179 14.2 11.9 17.9
176 19.2 15.8 23.8





#80
Fluoranthene
Concen: 3.369 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10

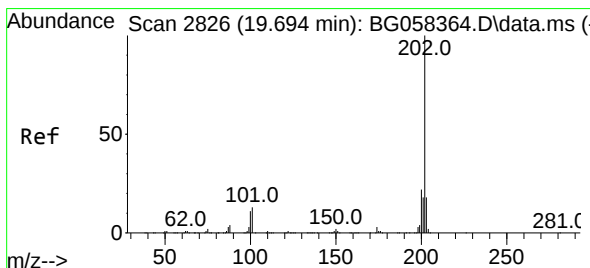
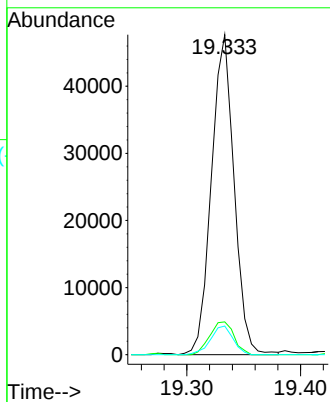
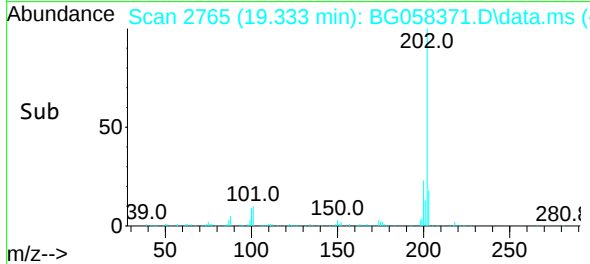
Instrument :
BNA_G
ClientSampleId :
A46S4



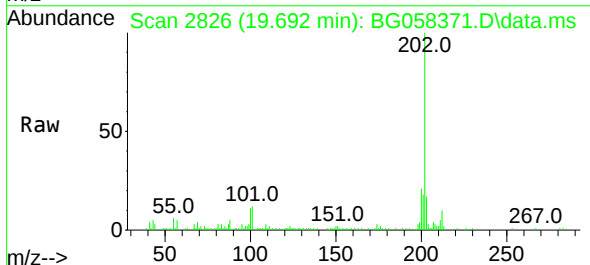
Tgt Ion:202 Resp: 6604
Ion Ratio Lower Upper
202 100
101 10.2 8.6 12.8
100 9.0 7.2 10.8

Manual Integrations
APPROVED

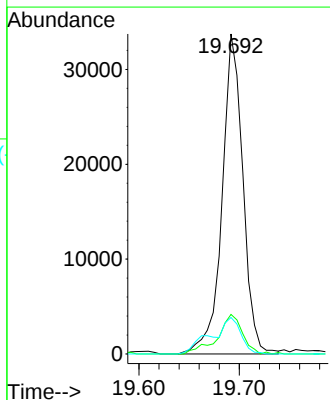
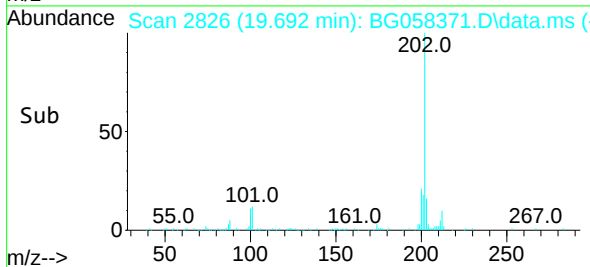
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

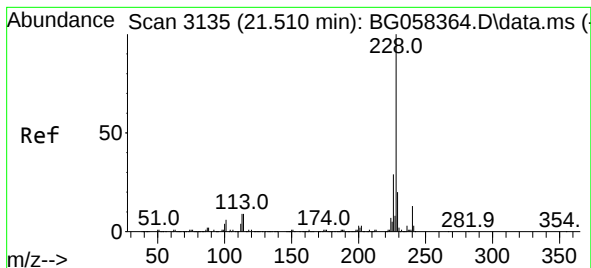


#82
Pyrene
Concen: 2.452 ng/u1
RT: 19.692 min Scan# 2826
Delta R.T. -0.005 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10



Tgt Ion:202 Resp: 48708
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.2
100 11.4 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.414 ng/ul

RT: 21.507 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG058371.D

Acq: 20 Jul 2023 23:10

Instrument :

BNA_G

ClientSampleId :

A46S4

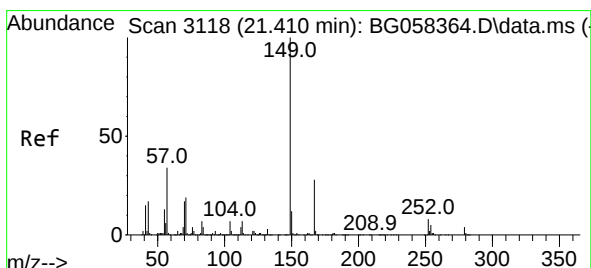
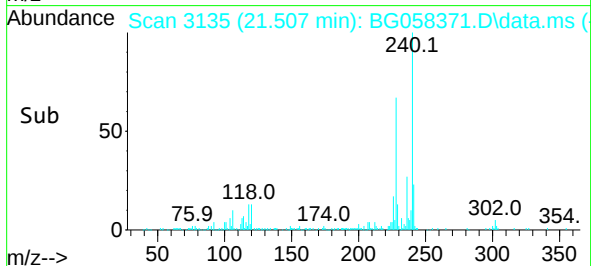
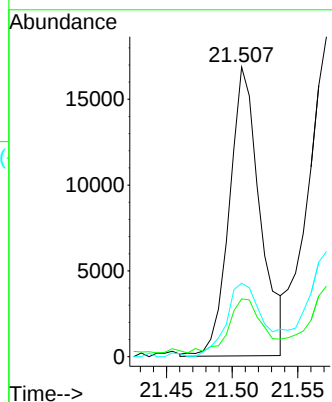
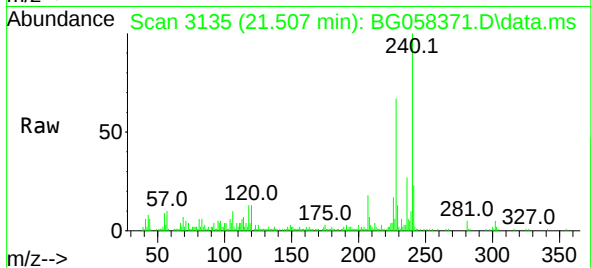
Tgt Ion:	228	Resp:	2753
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.7	23.5
226	25.3	21.8	32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.331 ng/ul

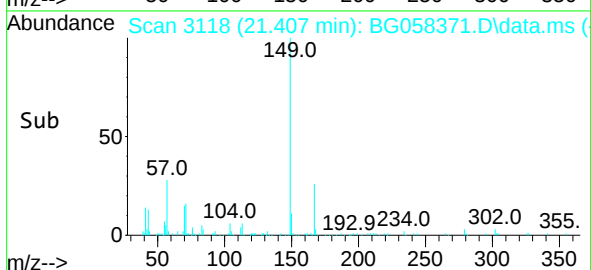
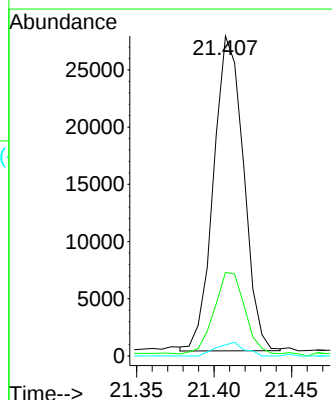
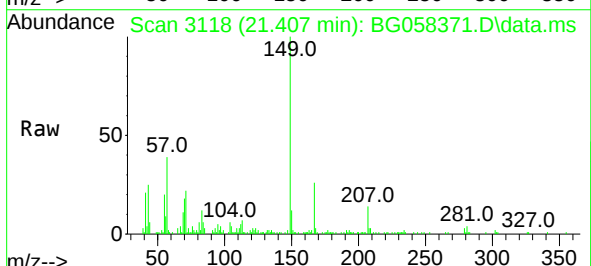
RT: 21.407 min Scan# 3118

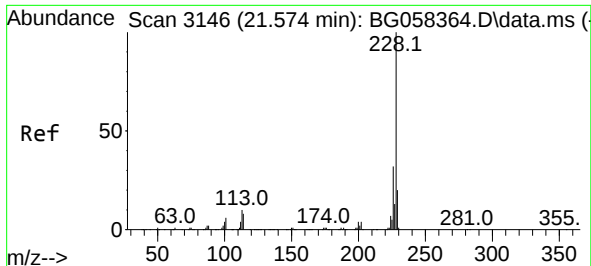
Delta R.T. -0.005 min

Lab File: BG058371.D

Acq: 20 Jul 2023 23:10

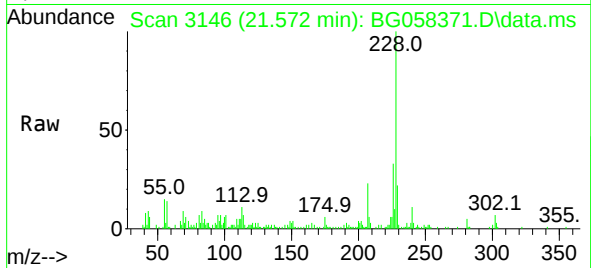
Tgt Ion:	149	Resp:	37056
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.6	32.4
279	3.4	3.0	4.4





#87
Chrysene
Concen: 1.737 ng/ul
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10

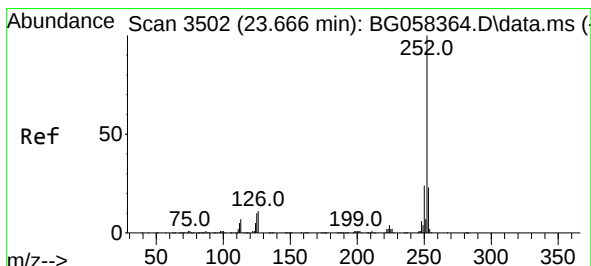
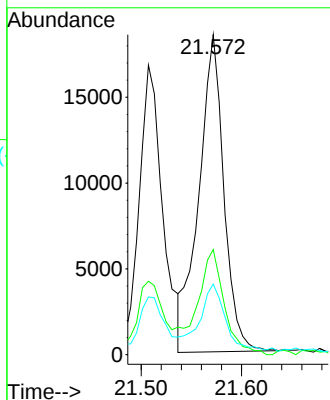
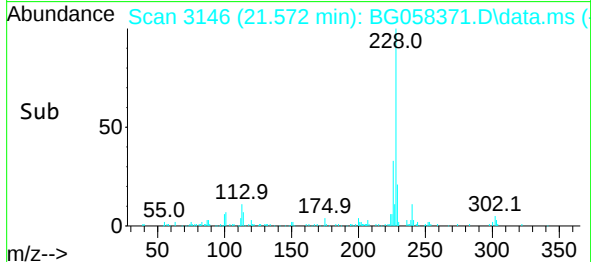
Instrument :
BNA_G
ClientSampleId :
A46S4



Tgt Ion:228 Resp: 3209
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 22.1 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(b)fluoranthene
Concen: 2.205 ng/ul
RT: 23.663 min Scan# 3502
Delta R.T. -0.005 min
Lab File: BG058371.D
Acq: 20 Jul 2023 23:10

Tgt Ion:252 Resp: 40342
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.0 6.7 10.1#

