

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058375.D
 Acq On : 21 Jul 2023 1:56
 Operator : CG/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X5

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 03:13:17 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	7.897	152	52189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.700	136	249478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.531	164	181630	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	403066	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	335611	20.000	ng/u1	0.00
88) Perylene-d12	24.660	264	359993	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	2599	1.833	ng/uL	0.00
4) Pyridine-d5	3.749	84	34110	8.105	ng/u1	0.00
7) Phenol-d5	7.063	99	43659	8.819	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	35236	11.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.427	132	36145	10.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.608	113	2161m	0.572	ng/u1	0.00
21) Nitrobenzene-d5	9.055	128	20754	11.099	ng/u1	0.00
24) 2-Nitrophenol-d4	9.777	143	23343	11.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	28857	7.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.847	131	2732m	0.482	ng/u1	0.01
46) Dimethylphthalate-d6	13.937	166	157070	11.215	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	157108	10.704	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	16908m	7.994	ng/u1	0.00
60) Fluorene-d10	15.524	176	143819	12.403	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	13069	6.364	ng/u1	0.00
73) Anthracene-d10	17.374	188	136634	7.845	ng/u1	0.00
81) Pyrene-d10	19.666	212	118056	5.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.442	264	42835	2.462	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.086	94	8077	1.571	ng/u1	97
16) Acetophenone	8.720	105	19474	3.028	ng/u1	97
72) Phenanthrene	17.321	178	45793	2.391	ng/u1	96
80) Fluoranthene	19.331	202	73596	3.241	ng/u1	98
82) Pyrene	19.695	202	28945	1.258	ng/u1	99
85) Benzo(a)anthracene	21.511	228	34365	1.523	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.411	149	100094	7.767	ng/u1	99
87) Chrysene	21.575	228	31545m	1.474	ng/u1	
90) Benzo(b)fluoranthene	23.661	252	36945	1.774	ng/u1#	93

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

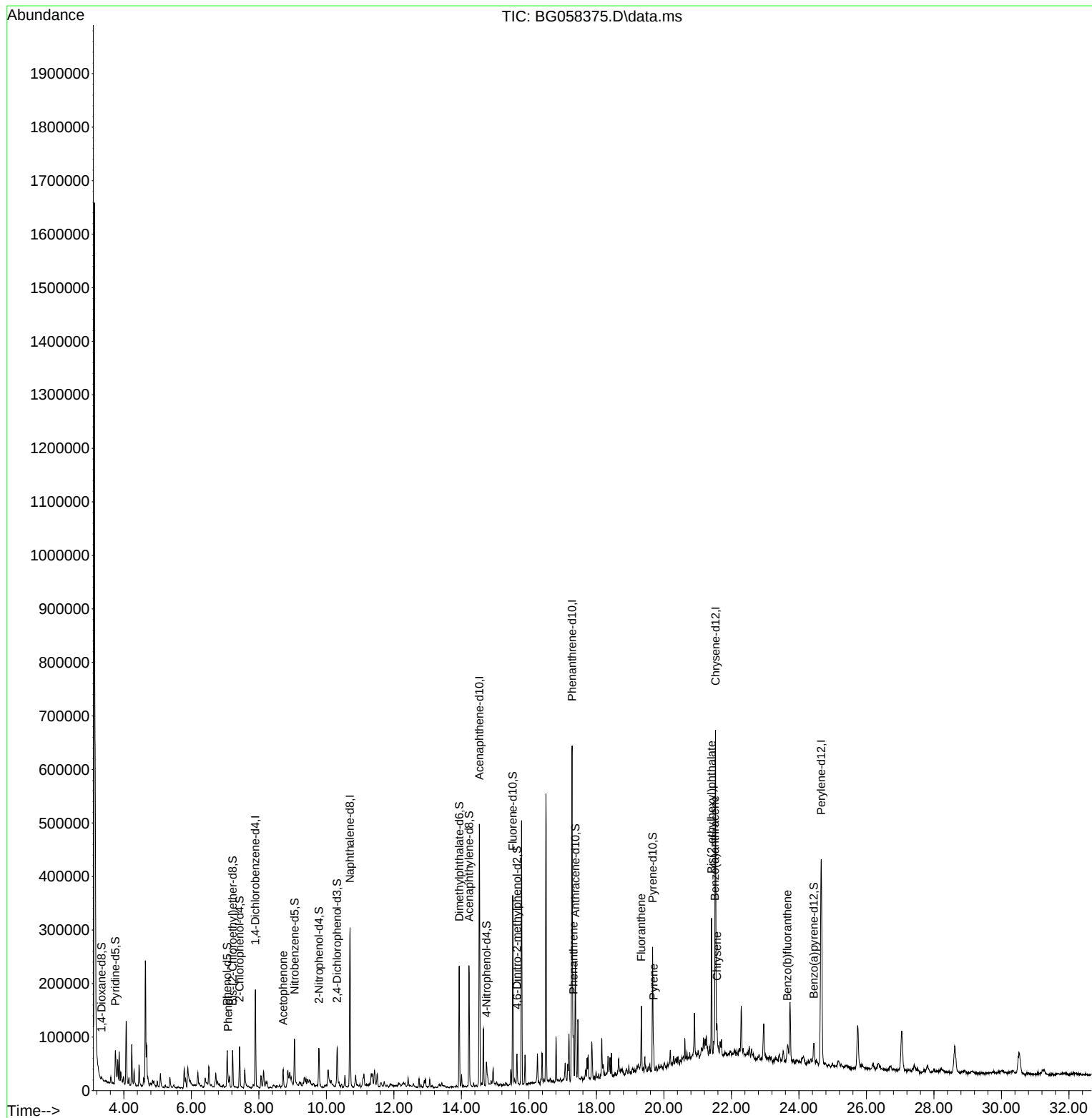
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058375.D
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ALS Vial : 46 Sample Multiplier: 1

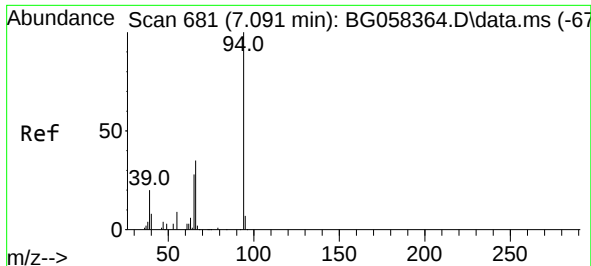
Instrument :
BNA_G
ClientSampleId :
A46X5

Quant Time: Jul 21 03:13:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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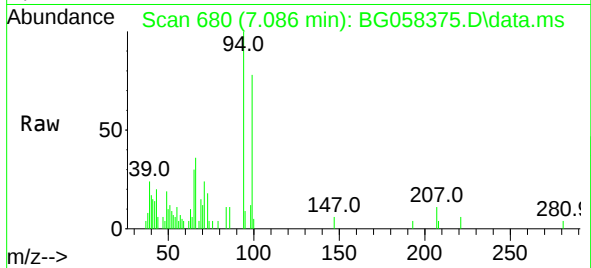
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023





#8
Phenol
Concen: 1.571 ng/ul
RT: 7.086 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

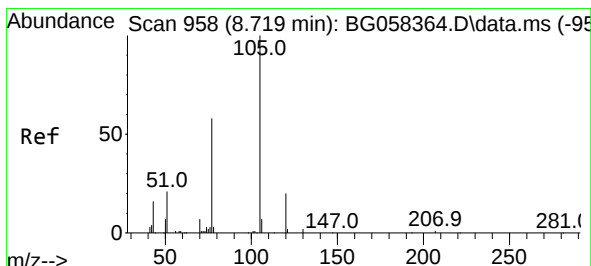
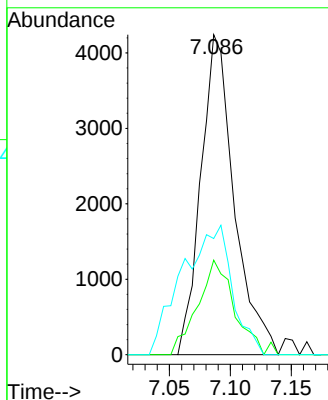
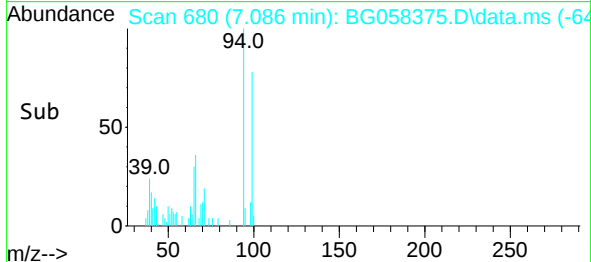
Instrument :
BNA_G
ClientSampleId :
A46X5



Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
65 29.6 23.8 35.8
66 36.3 31.2 46.8

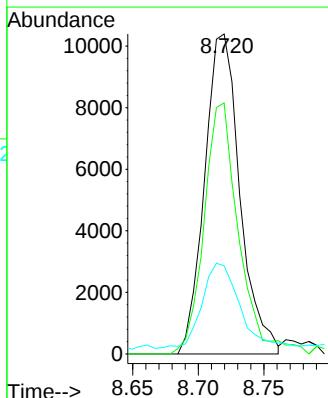
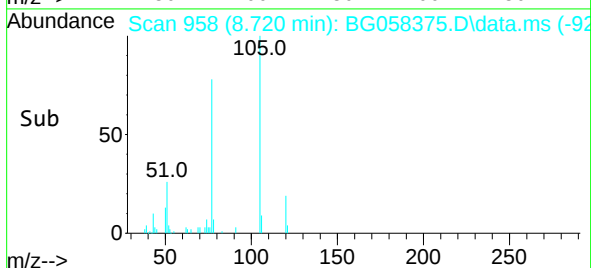
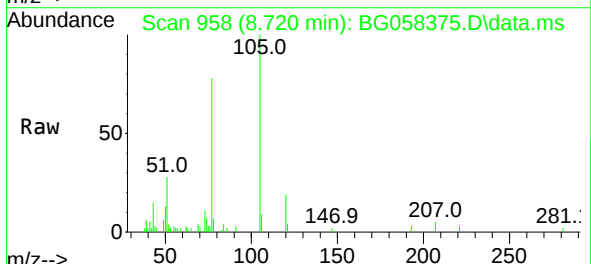
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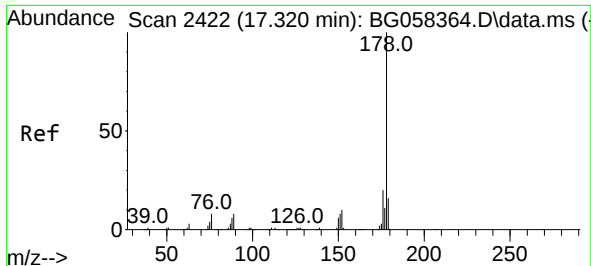
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Acetophenone
Concen: 3.028 ng/ul
RT: 8.720 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

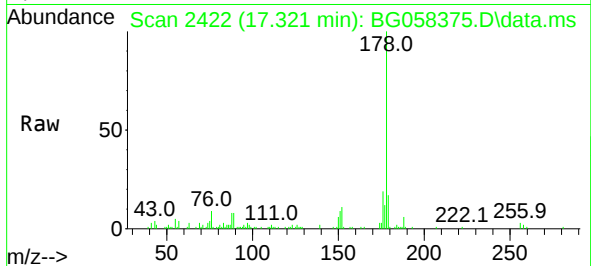
Tgt Ion:105 Resp: 19474
Ion Ratio Lower Upper
105 100
77 78.5 60.7 91.1
51 27.5 23.5 35.3





#72
Phenanthrene
Concen: 2.391 ng/ul
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

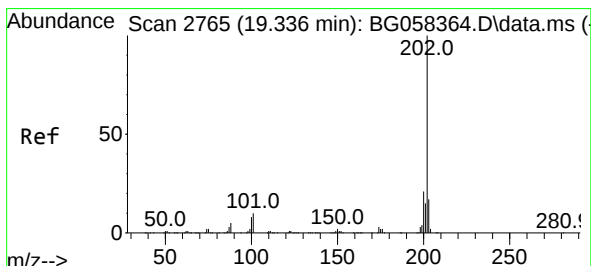
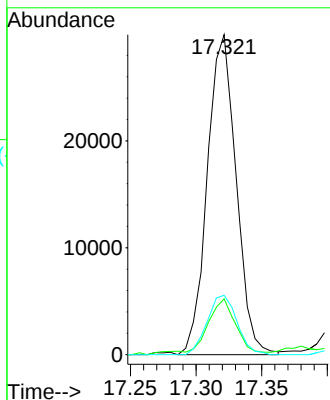
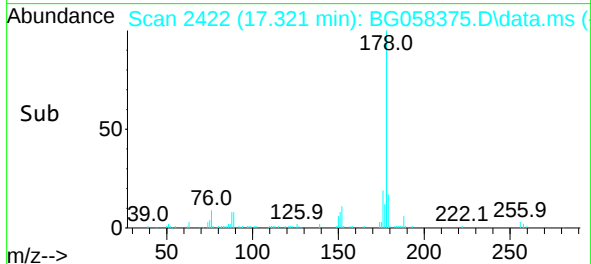
Instrument :
BNA_G
ClientSampleId :
A46X5



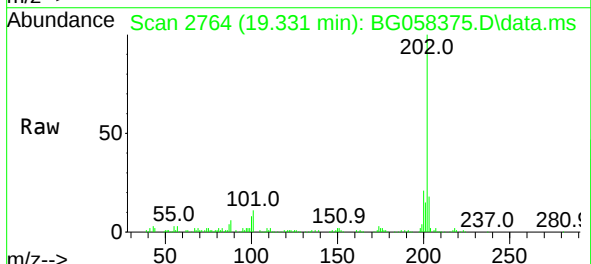
Tgt Ion:178 Resp: 4579
Ion Ratio Lower Upper
178 100
179 17.5 11.9 17.9
176 18.6 15.8 23.8

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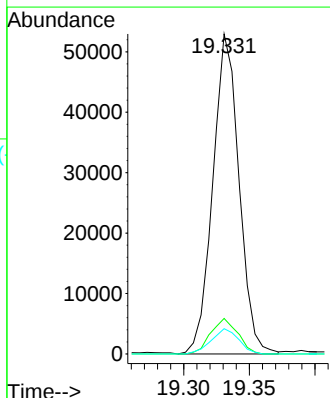
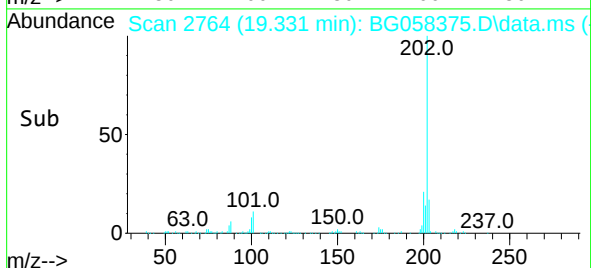
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

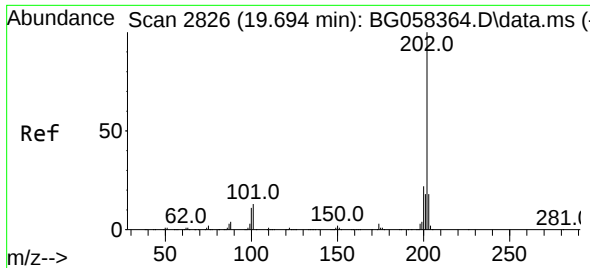


#80
Fluoranthene
Concen: 3.241 ng/ul
RT: 19.331 min Scan# 2764
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56



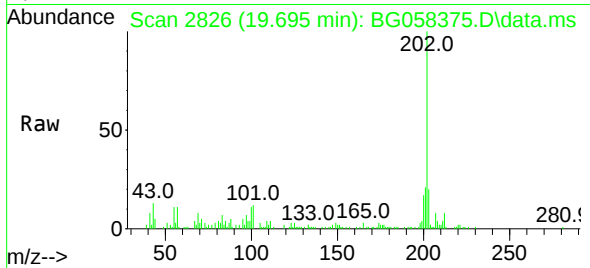
Tgt Ion:202 Resp: 73596
Ion Ratio Lower Upper
202 100
101 11.1 8.6 12.8
100 7.9 7.2 10.8





#82
 Pyrene
 Concen: 1.258 ng/ul
 RT: 19.695 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058375.D
 Acq: 21 Jul 2023 1:56

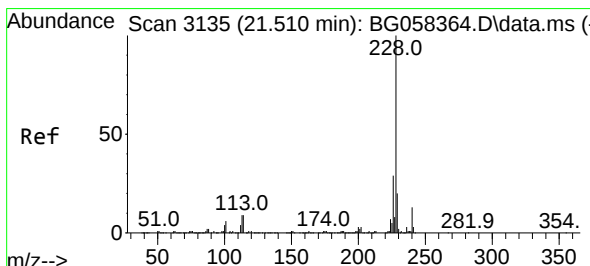
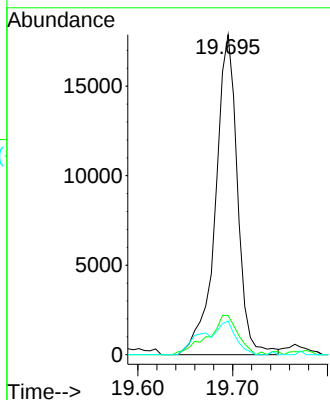
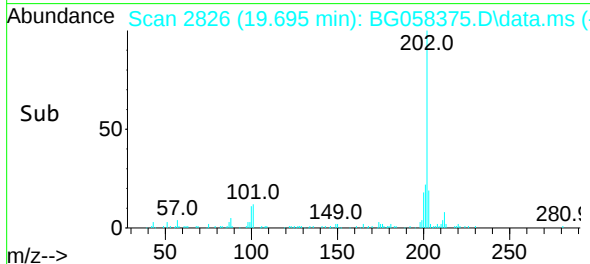
Instrument :
 BNA_G
 ClientSampleId :
 A46X5



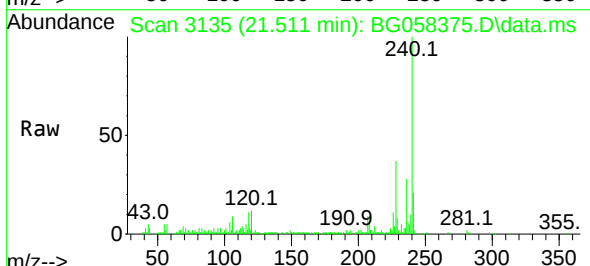
Tgt Ion:202 Resp: 2894
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.2 15.2
 100 10.5 8.9 13.3

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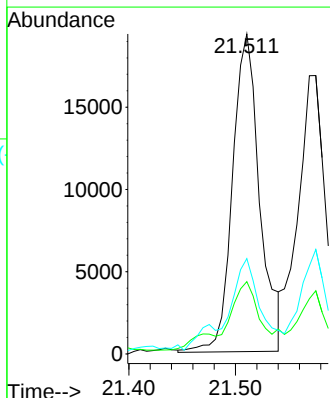
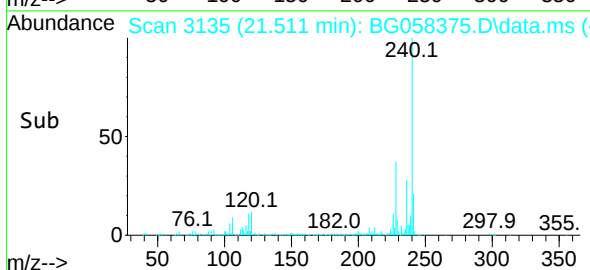
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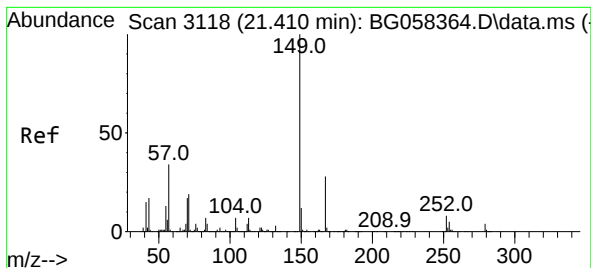


#85
 Benzo(a)anthracene
 Concen: 1.523 ng/ul
 RT: 21.511 min Scan# 3135
 Delta R.T. -0.002 min
 Lab File: BG058375.D
 Acq: 21 Jul 2023 1:56



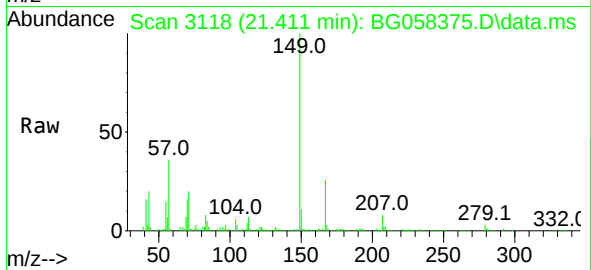
Tgt Ion:228 Resp: 34365
 Ion Ratio Lower Upper
 228 100
 229 22.6 15.7 23.5
 226 29.8 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.767 ng/ul
RT: 21.411 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

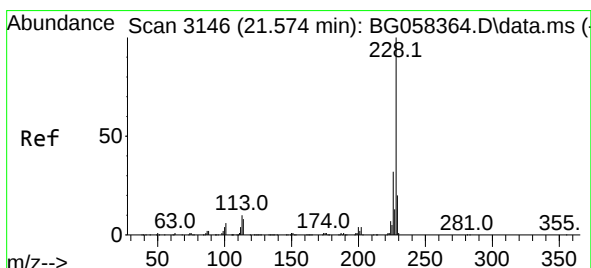
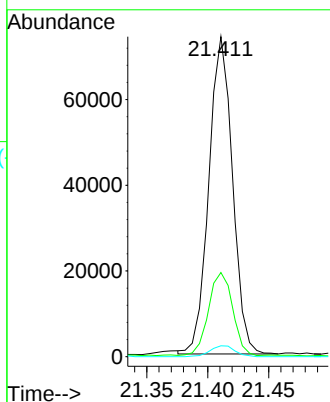
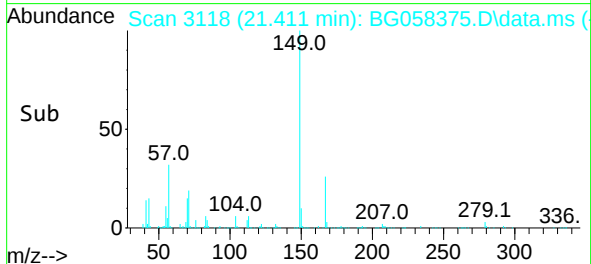
Instrument :
BNA_G
ClientSampleId :
A46X5



Tgt Ion:149 Resp: 100094
Ion Ratio Lower Upper
149 100
167 26.3 21.6 32.4
279 3.4 3.0 4.4

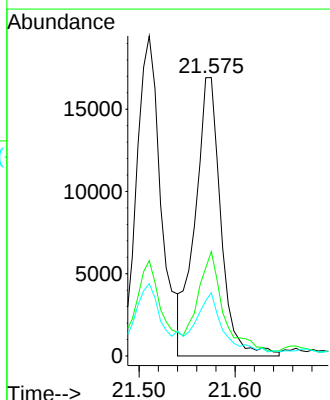
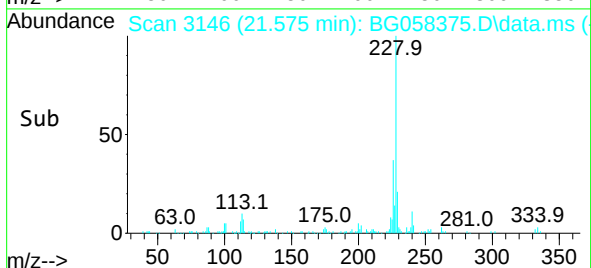
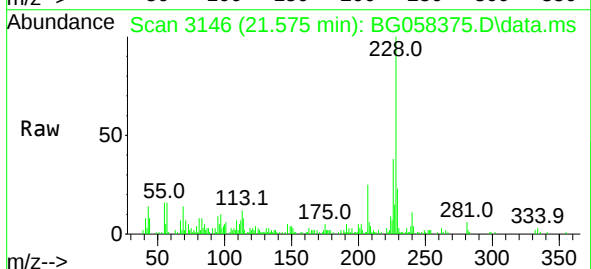
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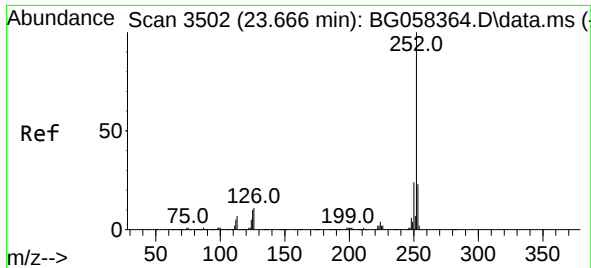
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#87
Chrysene
Concen: 1.474 ng/ul m
RT: 21.575 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

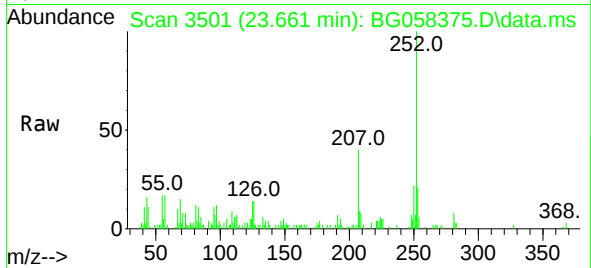
Tgt Ion:228 Resp: 31545
Ion Ratio Lower Upper
228 100
226 37.5 24.0 36.0#
229 22.7 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 1.774 ng/ul
RT: 23.661 min Scan# 3501
Delta R.T. -0.008 min
Lab File: BG058375.D
Acq: 21 Jul 2023 1:56

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 3694
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 14.1 6.7 10.1

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