

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058459.D
 Acq On : 25 Jul 2023 23:49
 Operator : CG/JU
 Sample : 03540-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4738

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 02:08:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	53833	20.000	ng/u1	0.00
20) Naphthalene-d8	10.617	136	248562	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.460	164	176204	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.209	188	389356	20.000	ng/u1	0.00
79) Chrysene-d12	21.446	240	323563	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	349000	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	4824	3.298	ng/uL	0.00
4) Pyridine-d5	3.649	84	35271	8.125	ng/u1	0.00
7) Phenol-d5	6.986	99	75273	14.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	60336	18.903	ng/u1	0.00
11) 2-Chlorophenol-d4	7.350	132	60654	16.967	ng/u1	0.00
15) 4-Methylphenol-d8	8.543	113	3226	0.828	ng/u1	0.01
21) Nitrobenzene-d5	8.978	128	35497	19.053	ng/u1	0.00
24) 2-Nitrophenol-d4	9.700	143	39552	19.446	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	51451	13.195	ng/u1	0.00
31) 4-Chloroaniline-d4	10.770	131	1038m	0.184	ng/u1	0.01
46) Dimethylphthalate-d6	13.866	166	254891	18.759	ng/u1	0.00
49) Acenaphthylene-d8	14.154	160	276989	19.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.677	143	24157m	11.772	ng/u1	0.00
60) Fluorene-d10	15.453	176	231274	20.559	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	21691	10.935	ng/u1	0.00
73) Anthracene-d10	17.303	188	238930	14.202	ng/u1	0.00
81) Pyrene-d10	19.595	212	313259	16.392	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.301	264	143096	8.483	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.010	94	8530	1.608	ng/u1	92
16) Acetophenone	8.637	105	27089	4.084	ng/u1	96
47) Dimethylphthalate	13.913	163	90195	6.609	ng/u1	99
72) Phenanthrene	17.250	178	79389	4.291	ng/u1	99
80) Fluoranthene	19.266	202	140474	6.416	ng/u1	99
82) Pyrene	19.624	202	78262	3.528	ng/u1	97
85) Benzo(a)anthracene	21.428	228	64793	2.979	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.334	149	146833	11.818	ng/u1	100
87) Chrysene	21.493	228	56921	2.759	ng/u1	92
90) Benzo(b)fluoranthene	23.543	252	75837	3.756	ng/u1#	89
91) Benzo(k)fluoranthene	23.596	252	24002m	1.192	ng/u1	

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

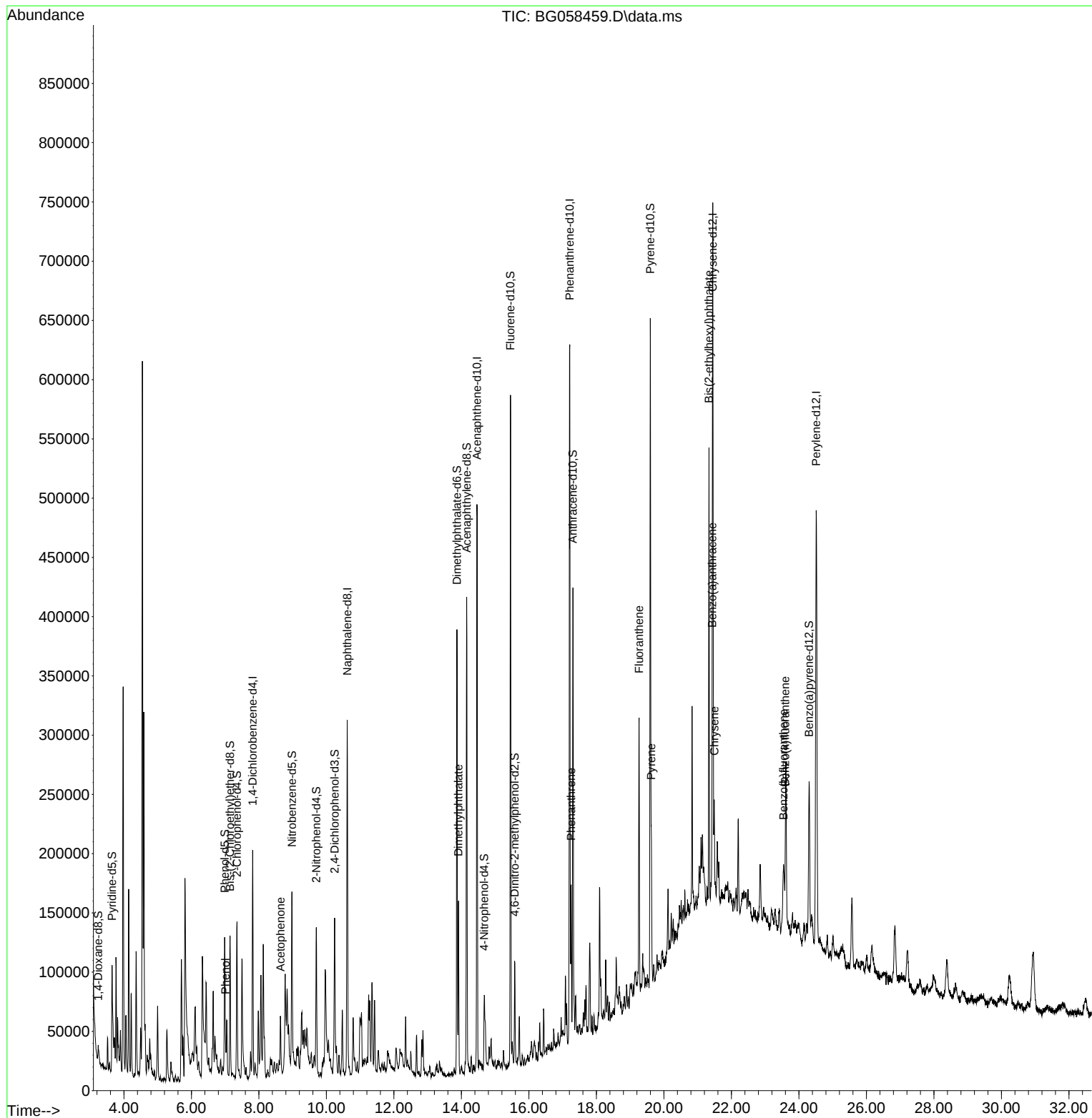
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058459.D
Acq On : 25 Jul 2023 23:49
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

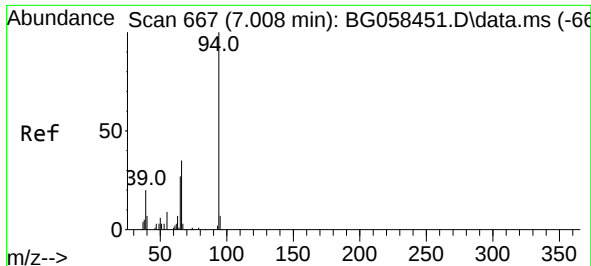
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Quant Time: Jul 26 02:08:19 2023
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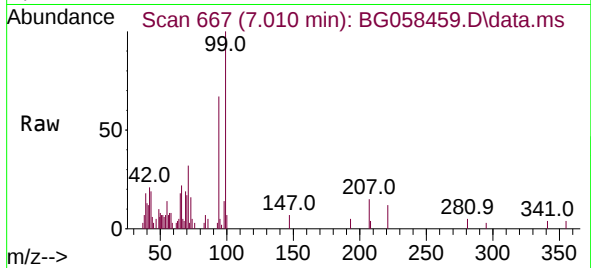
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023





#8
Phenol
Concen: 1.608 ng/ul
RT: 7.010 min Scan# 667
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

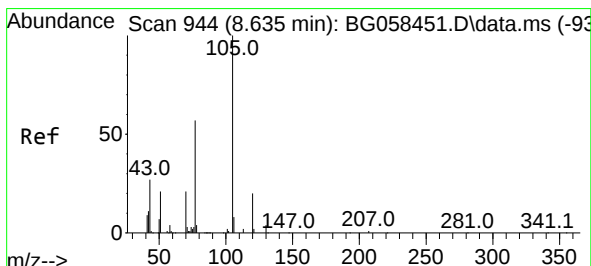
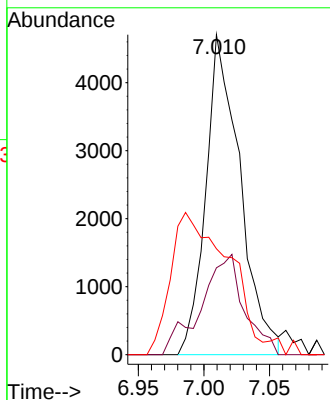
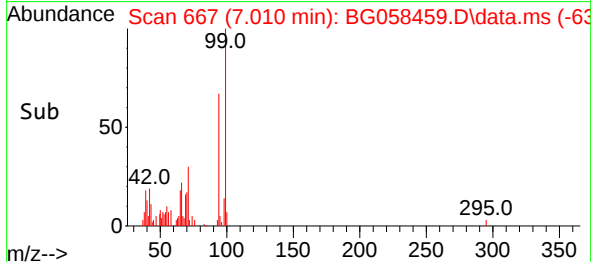
Instrument :
BNA_G
ClientSampleId :
A4738



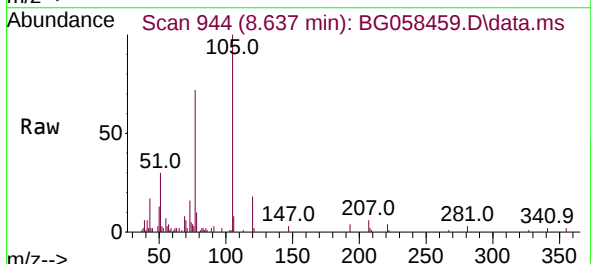
Tgt Ion: 94 Resp: 8530
Ion Ratio Lower Upper
94 100
65 27.2 23.8 35.8
66 33.1 31.2 46.8

Manual Integrations
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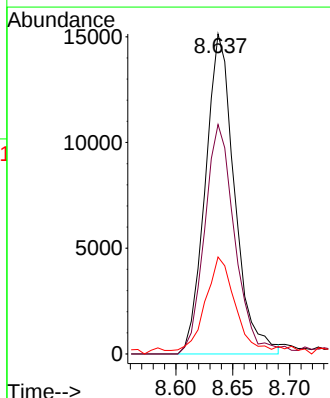
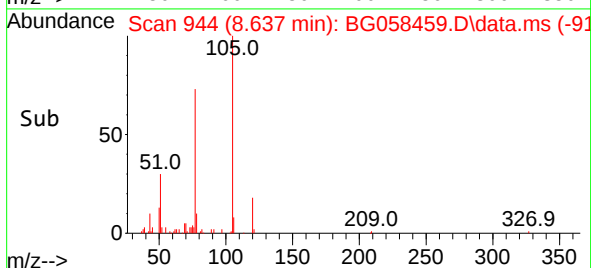
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

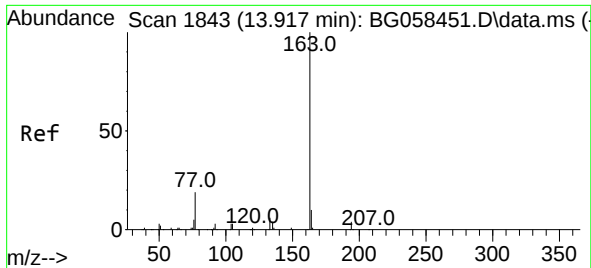


#16
Acetophenone
Concen: 4.084 ng/ul
RT: 8.637 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49



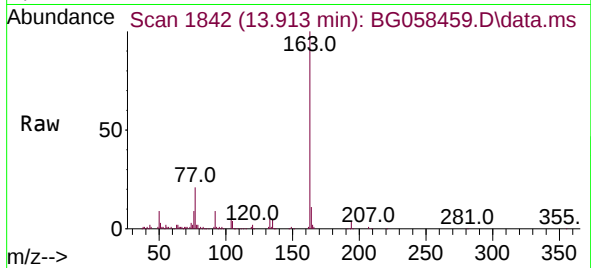
Tgt Ion:105 Resp: 27089
Ion Ratio Lower Upper
105 100
77 71.7 60.7 91.1
51 30.3 23.5 35.3





#47
Dimethylphthalate
Concen: 6.609 ng/ul
RT: 13.913 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

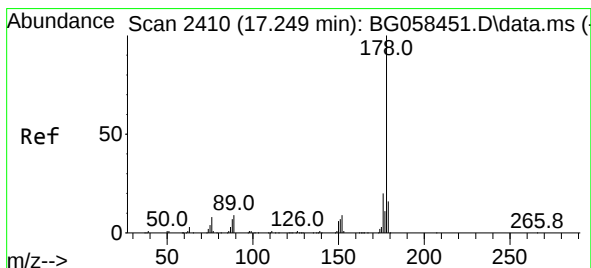
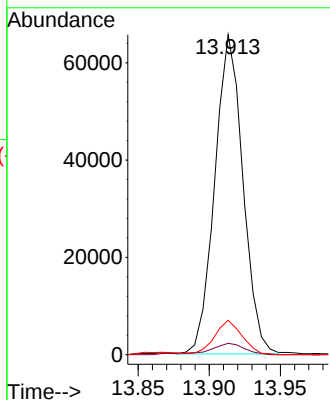
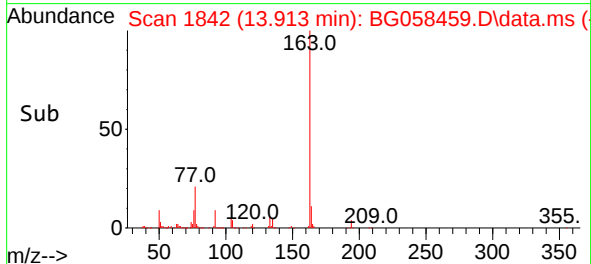
Instrument :
BNA_G
ClientSampleId :
A4738



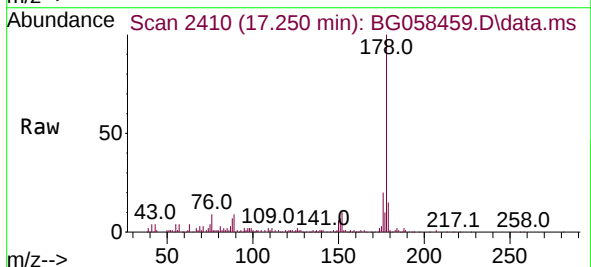
Tgt Ion:163 Resp: 9019
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.8 8.2 12.2

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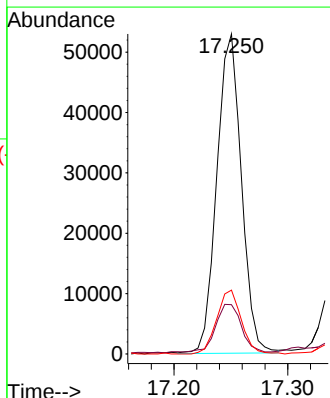
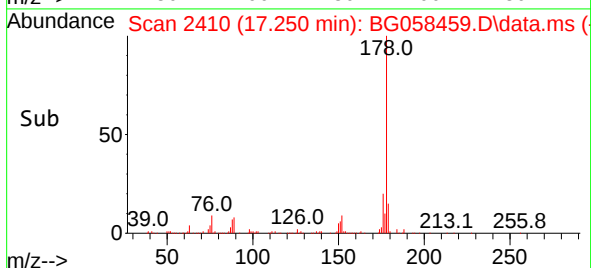
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

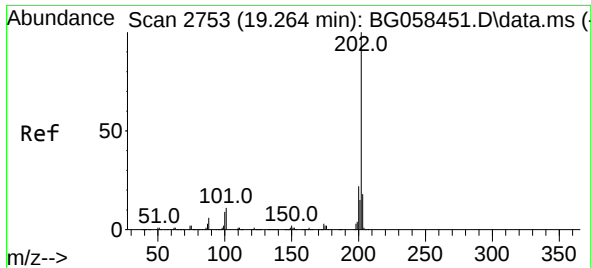


#72
Phenanthrene
Concen: 4.291 ng/ul
RT: 17.250 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49



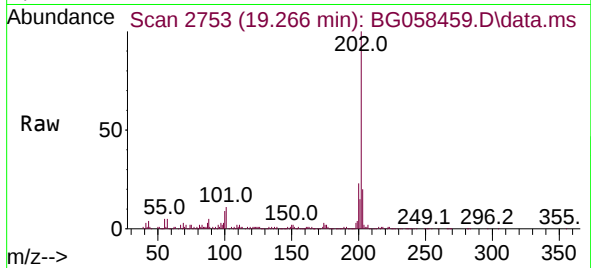
Tgt Ion:178 Resp: 79389
Ion Ratio Lower Upper
178 100
179 15.4 11.9 17.9
176 20.0 15.8 23.8





#80
Fluoranthene
Concen: 6.416 ng/ul
RT: 19.266 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

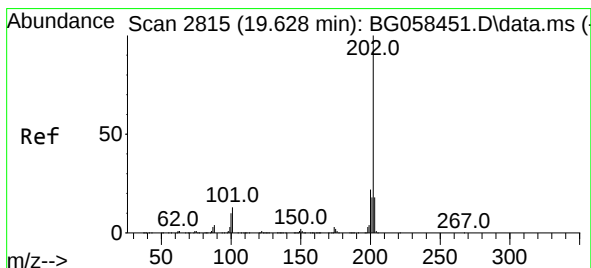
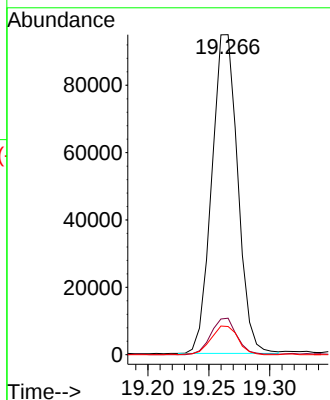
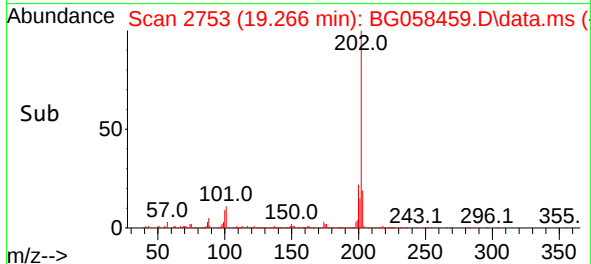
Instrument :
BNA_G
ClientSampleId :
A4738



Tgt Ion:202 Resp: 140474
Ion Ratio Lower Upper
202 100
101 11.4 8.6 12.8
100 8.8 7.2 10.8

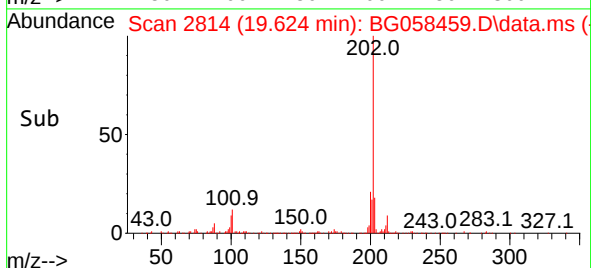
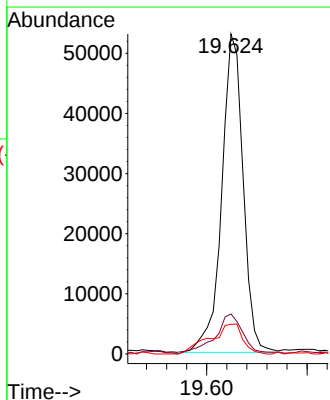
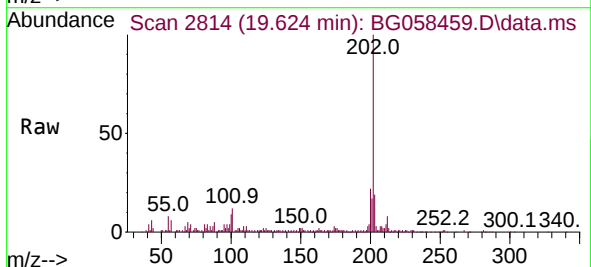
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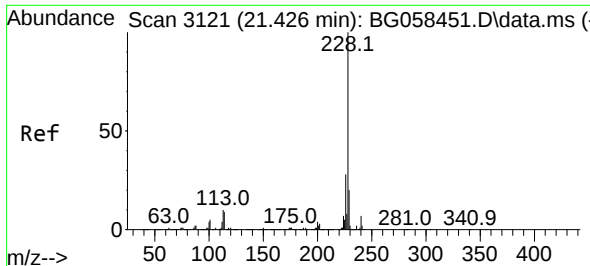
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#82
Pyrene
Concen: 3.528 ng/ul
RT: 19.624 min Scan# 2814
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

Tgt Ion:202 Resp: 78262
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 9.3 8.9 13.3





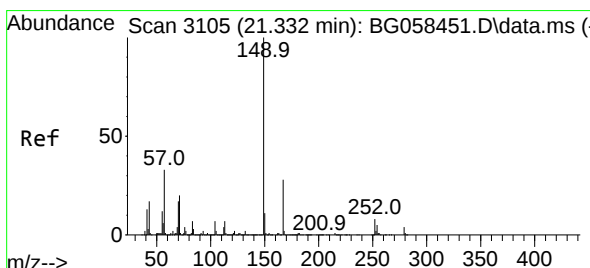
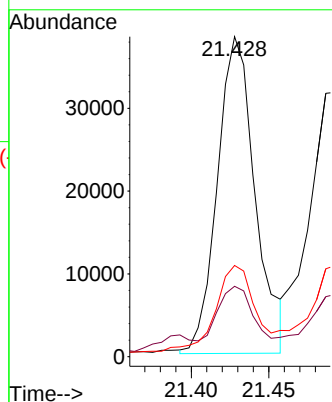
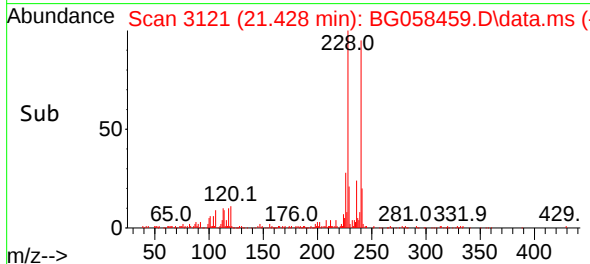
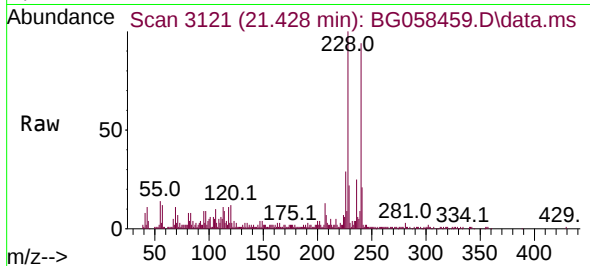
#85
Benzo(a)anthracene
Concen: 2.979 ng/ul
RT: 21.428 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

Instrument :
BNA_G
ClientSampleId :
A4738

Tgt Ion:228 Resp: 6479
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 28.5 21.8 32.8

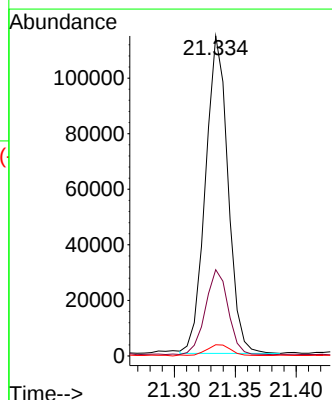
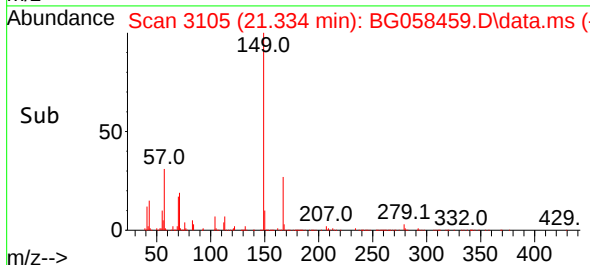
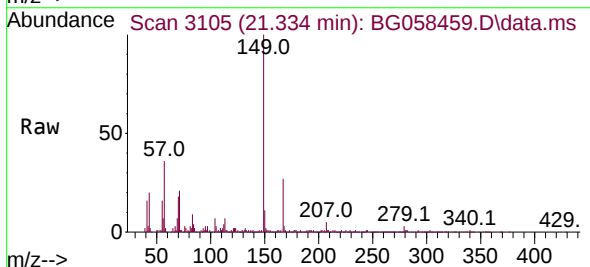
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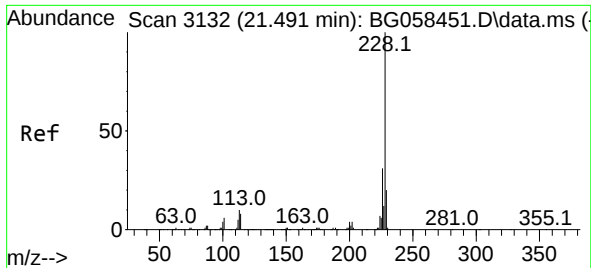
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 11.818 ng/ul
RT: 21.334 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

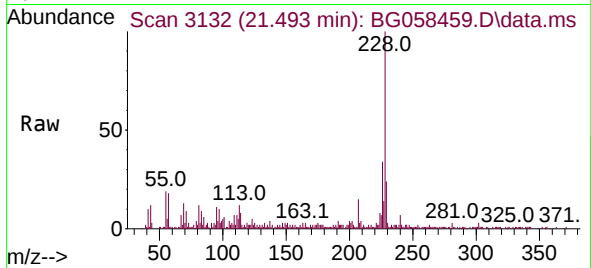
Tgt Ion:149 Resp: 146833
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 3.5 3.0 4.4





#87
Chrysene
Concen: 2.759 ng/ul
RT: 21.493 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49

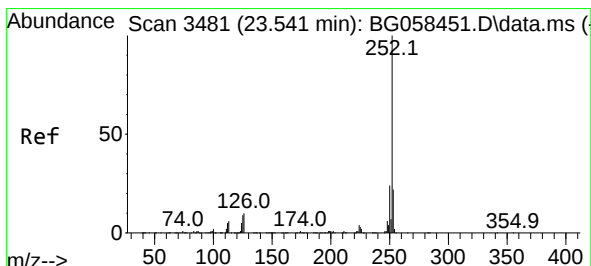
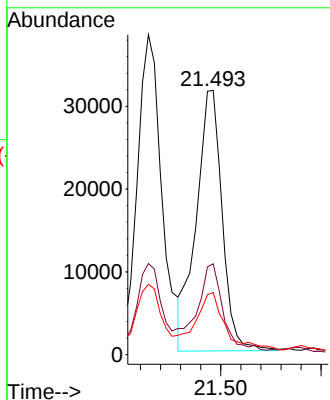
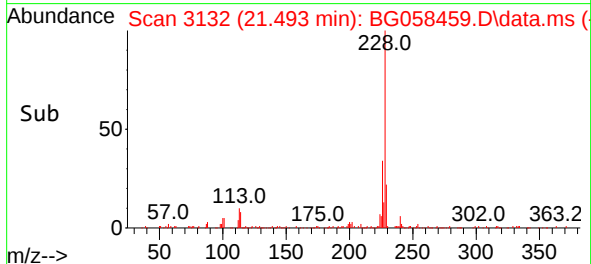
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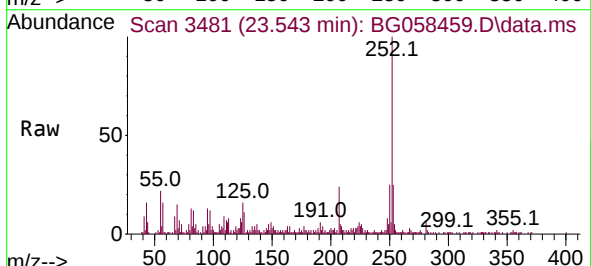
Tgt Ion:228 Resp: 5692
Ion Ratio Lower Upper
228 100
226 34.4 24.0 36.0
229 23.5 15.8 23.8

Manual Integrations
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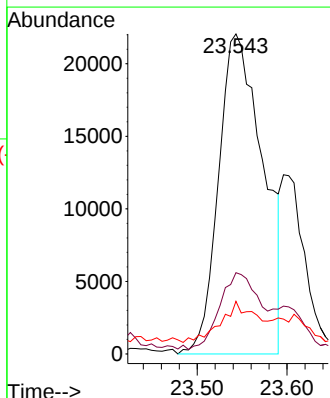
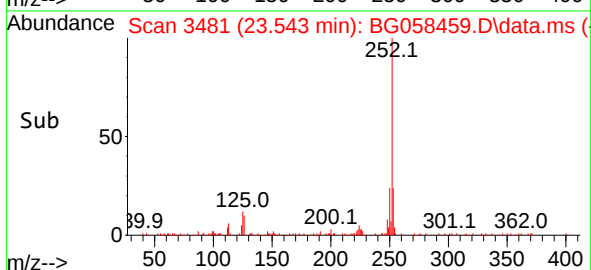
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

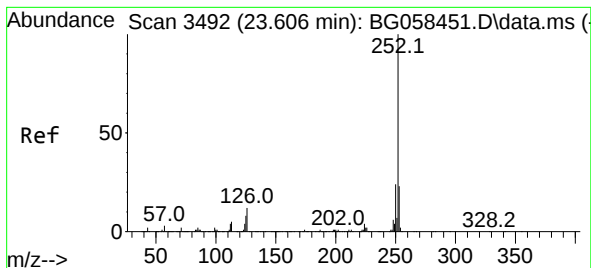


#90
Benzo(b)fluoranthene
Concen: 3.756 ng/ul
RT: 23.543 min Scan# 3481
Delta R.T. -0.004 min
Lab File: BG058459.D
Acq: 25 Jul 2023 23:49



Tgt Ion:252 Resp: 75837
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 16.4 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 1.192 ng/ul m

RT: 23.596 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG058459.D

Acq: 25 Jul 2023 23:49

Instrument :

BNA_G

ClientSampleId :

A4738

Tgt Ion:252 Resp: 2400

Ion Ratio Lower Upper

252 100

253 26.7 18.3 27.5

125 19.4 7.4 11.0

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