

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059246.D
 Acq On : 28 Sep 2023 23:06
 Operator : MA/JU
 Sample : 04480-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020579

Manual Integrations
 APPROVED

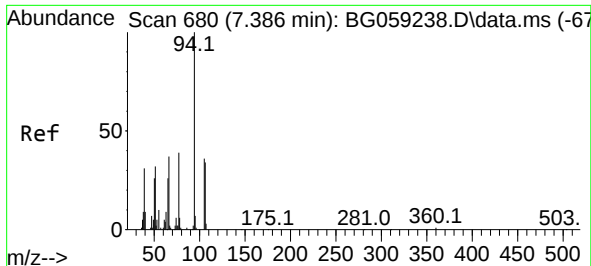
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 02:16:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

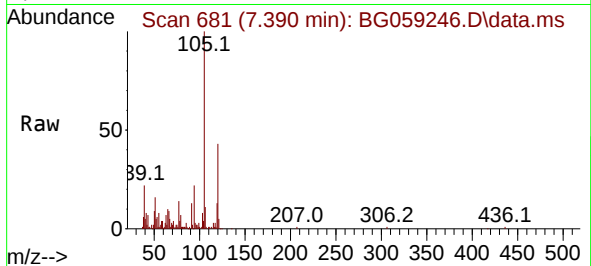
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	43524	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.074	136	207243	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	124715	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	282274	20.000	ng/ul	0.00
79) Chrysene-d12	21.914	240	259006	20.000	ng/ul	0.00
88) Perylene-d12	25.398	264	307098	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	7443m	6.454	ng/uL	0.00
4) Pyridine-d5	3.964	84	52371	15.564	ng/ul	0.00
7) Phenol-d5	7.360	99	53356	12.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	134284	48.250	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	123824	42.281	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	88534	26.289	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	87658	59.940	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	81437	56.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	149105	50.557	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	44153	9.253	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	538656	59.739	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	626857	55.387	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	20355	12.927	ng/ul	0.00
60) Fluorene-d10	15.856	176	492011	57.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	79108	54.522	ng/ul	0.00
73) Anthracene-d10	17.719	188	711199	55.295	ng/ul	0.00
81) Pyrene-d10	19.987	212	836614	57.679	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.163	264	825945	55.968	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.390	94	20458	4.720	ng/ul#	75
16) Acetophenone	9.076	105	9158	1.756	ng/ul	93
26) 2,4-Dimethylphenol	10.210	107	32651	9.653	ng/ul	95
30) Naphthalene	11.127	128	897248	80.747	ng/ul	97
36) 2-Methylnaphthalene	12.713	142	643025	88.336	ng/ul	96
37) 1-Methylnaphthalene	12.930	142	328571	44.473	ng/ul#	98
43) 1,1'-Biphenyl	13.706	154	23570	2.340	ng/ul#	96
52) Acenaphthene	14.928	153	17486	2.109	ng/ul#	80
56) Dibenzofuran	15.263	168	17275	1.572	ng/ul	91
61) Fluorene	15.909	166	33419	3.621	ng/ul	98
72) Phenanthrene	17.660	178	101584	6.558	ng/ul	95

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



#8
Phenol
Concen: 4.720 ng/ul
RT: 7.390 min Scan# 680
Delta R.T. 0.005 min
Lab File: BG059246.D
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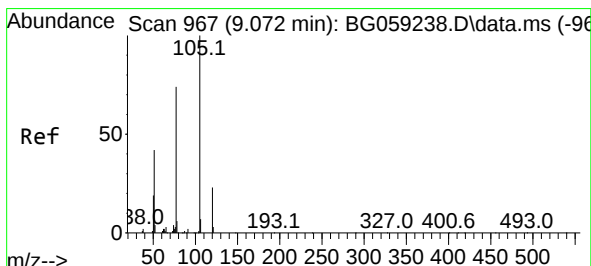
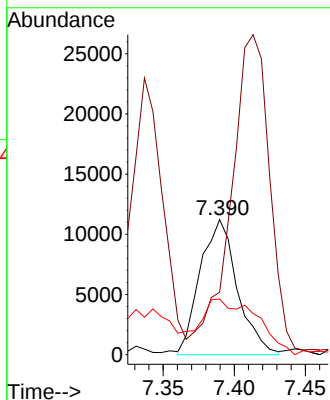
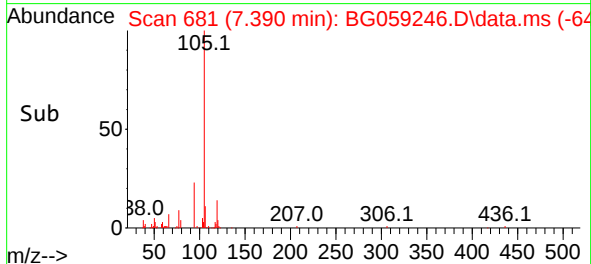
Instrument :
BNA_G
ClientSampleId :
SSTD020579



Tgt Ion: 94 Resp: 20458
Ion Ratio Lower Upper
94 100
65 46.2 23.6 35.4
66 41.2 24.6 37.0

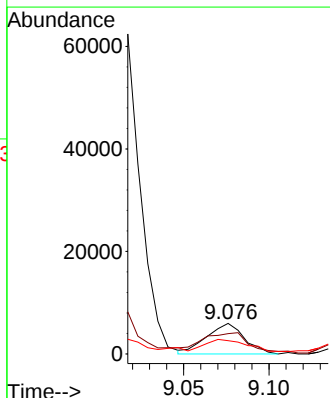
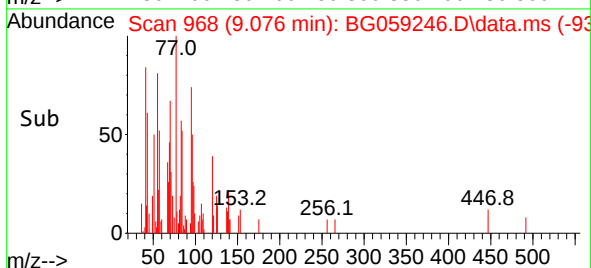
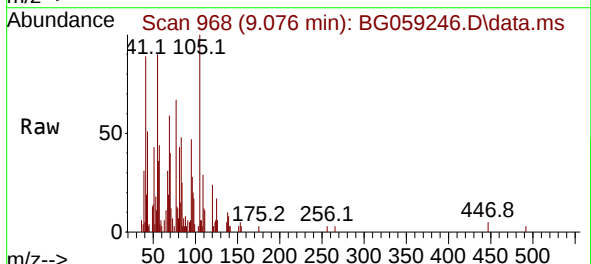
Manual Integrations
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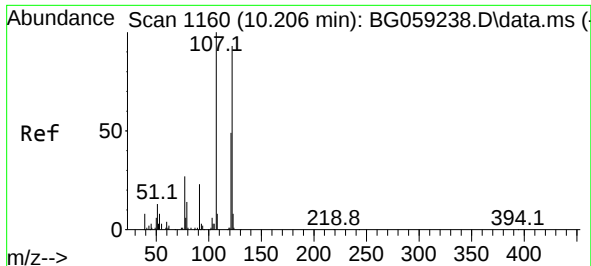
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#16
Acetophenone
Concen: 1.756 ng/ul
RT: 9.076 min Scan# 968
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Tgt Ion:105 Resp: 9158
Ion Ratio Lower Upper
105 100
77 66.8 58.8 88.2
51 43.4 32.6 48.8





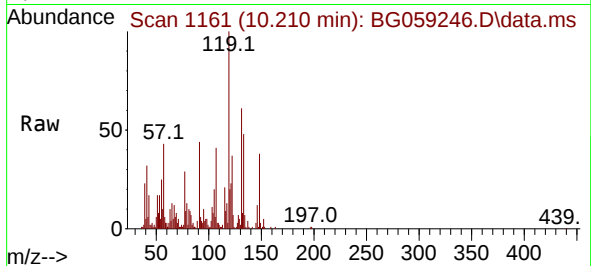
#26
2,4-Dimethylphenol
Concen: 9.653 ng/ul
RT: 10.210 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Instrument :

BNA_G

ClientSampleId :

SSTD020579



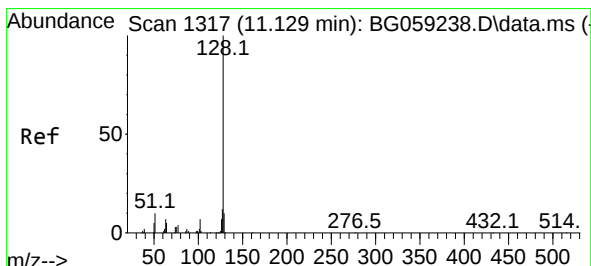
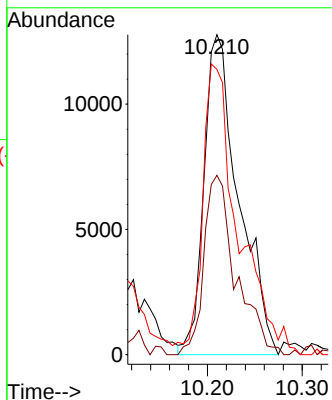
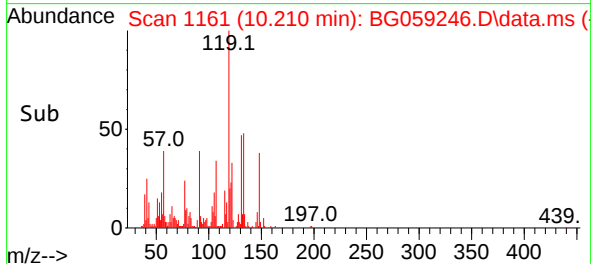
Tgt Ion:107 Resp: 3265
Ion Ratio Lower Upper
107 100
121 56.1 42.3 63.5
122 89.1 75.2 112.8

Manual Integrations

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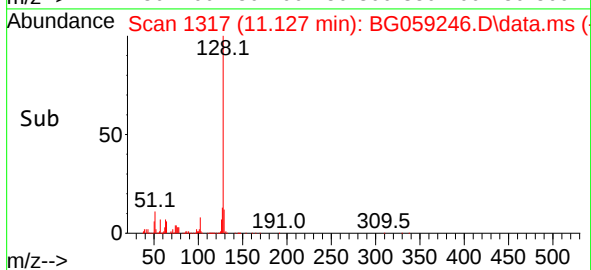
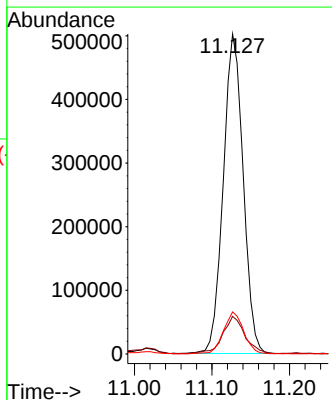
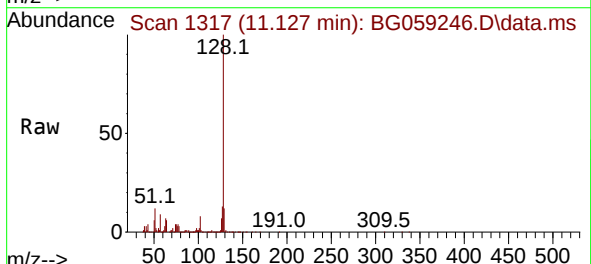
Reviewed By :Yogesh Patel 09/29/2023

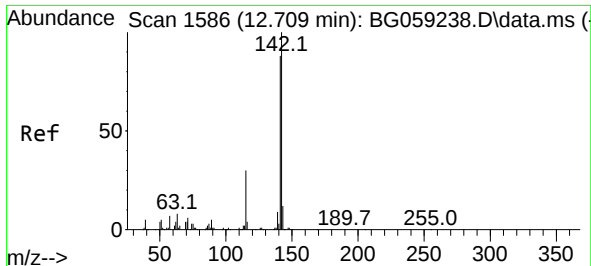
Supervised By :mohammad ahmed 09/30/2023



#30
Naphthalene
Concen: 80.747 ng/ul
RT: 11.127 min Scan# 1317
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Tgt Ion:128 Resp: 897248
Ion Ratio Lower Upper
128 100
129 11.8 8.0 12.0
127 13.2 11.1 16.7





#36
2-Methylnaphthalene
Concen: 88.336 ng/ul
RT: 12.713 min Scan# 1587
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Instrument :

BNA_G

ClientSampleId :

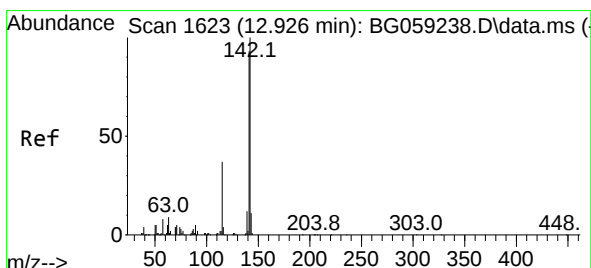
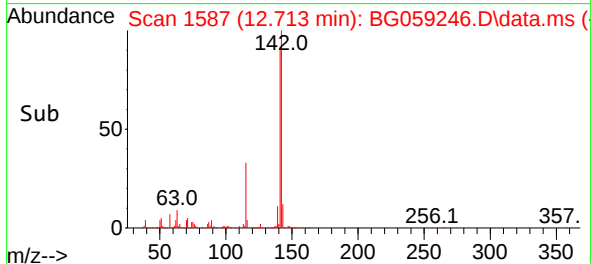
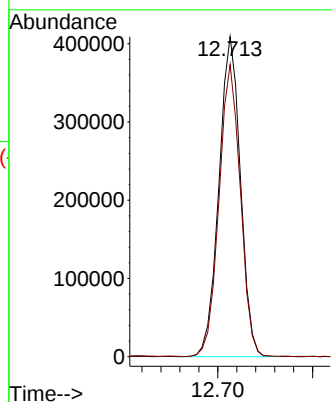
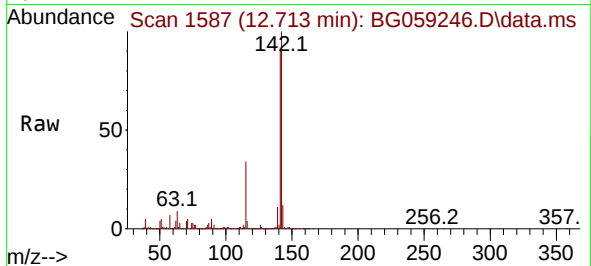
SSTD020579

Tgt Ion:142 Resp: 643025
Ion Ratio Lower Upper
142 100
141 91.3 70.2 105.2

Manual Integrations

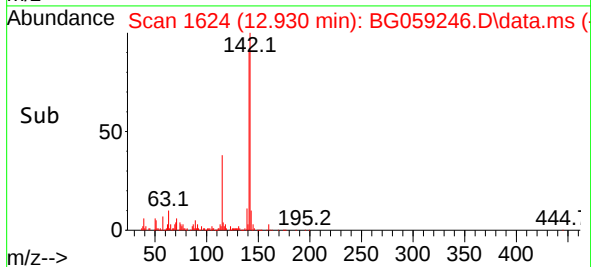
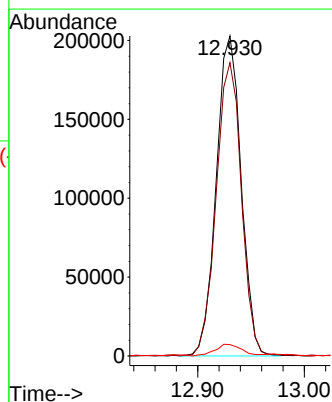
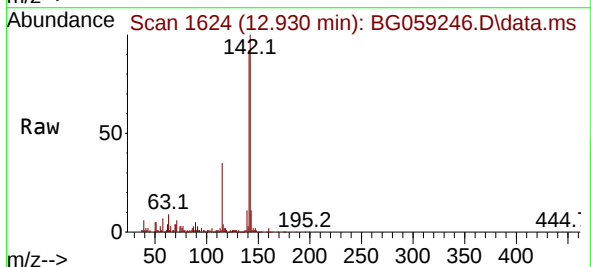
APPROVED

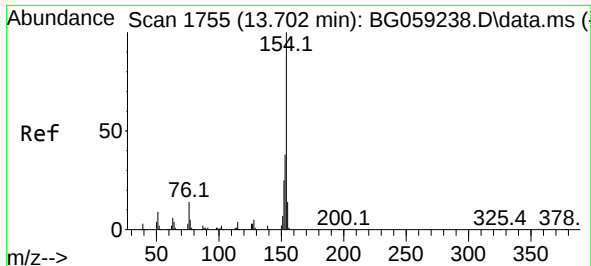
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#37
1-Methylnaphthalene
Concen: 44.473 ng/ul
RT: 12.930 min Scan# 1624
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Tgt Ion:142 Resp: 328571
Ion Ratio Lower Upper
142 100
141 91.6 71.6 107.4
116 3.6 2.3 3.5#





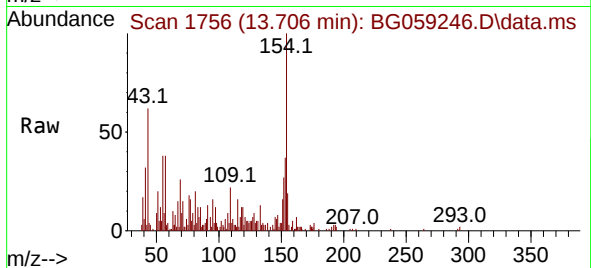
#43
1,1'-Biphenyl
Concen: 2.340 ng/ul
RT: 13.706 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Instrument :

BNA_G

ClientSampleId :

SSTD020579



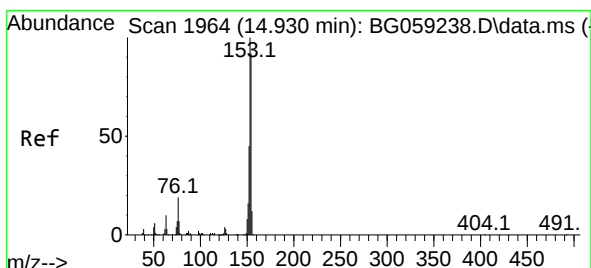
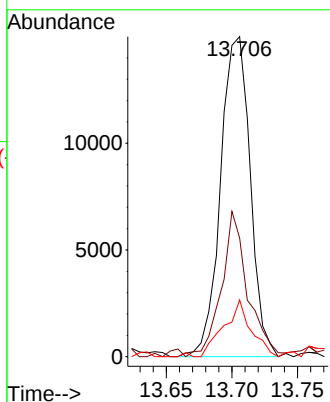
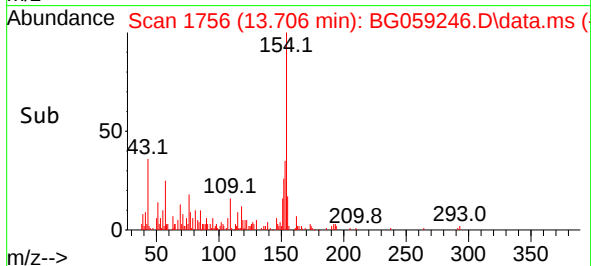
Tgt Ion:154 Resp: 23570
Ion Ratio Lower Upper
154 100
153 37.1 29.2 43.8
76 17.7 10.1 15.1

Manual Integrations

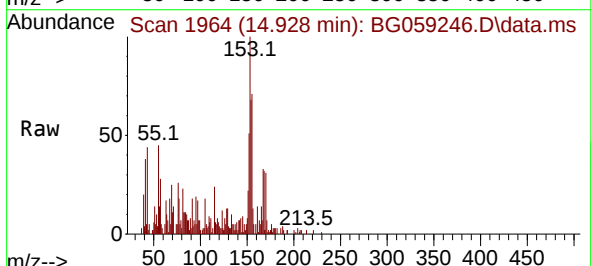
APPROVED

Reviewed By :Yogesh Patel 09/29/2023

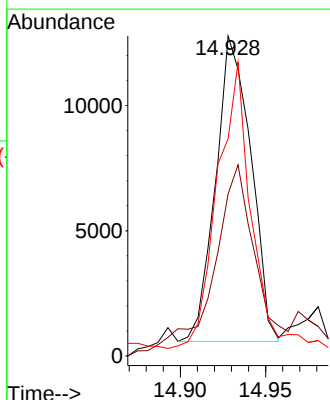
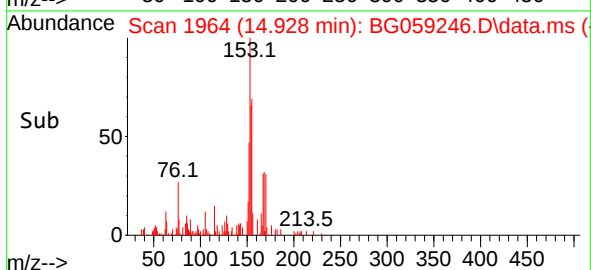
Supervised By :mohammad ahmed 09/30/2023

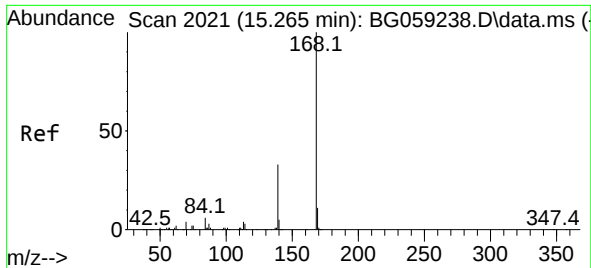


#52
Acenaphthene
Concen: 2.109 ng/ul
RT: 14.928 min Scan# 1964
Delta R.T. -0.007 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06



Tgt Ion:153 Resp: 17486
Ion Ratio Lower Upper
153 100
152 50.6 38.5 57.7
154 67.9 76.3 114.5





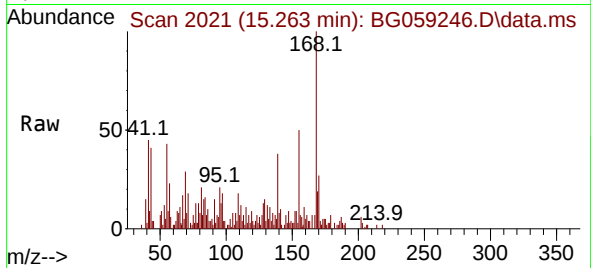
#56
Dibenzenofuran
Concen: 1.572 ng/ul
RT: 15.263 min Scan# 2021
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Instrument :

BNA_G

ClientSampleId :

SSTD020579



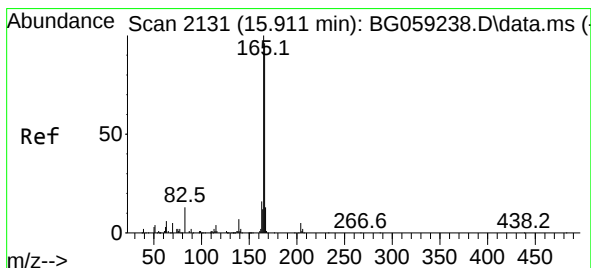
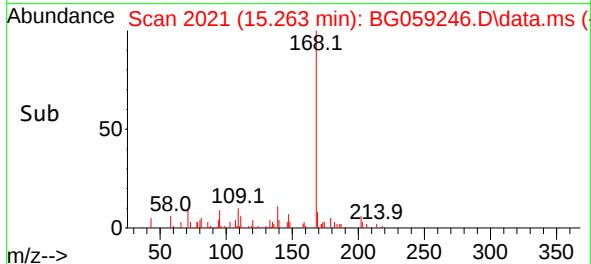
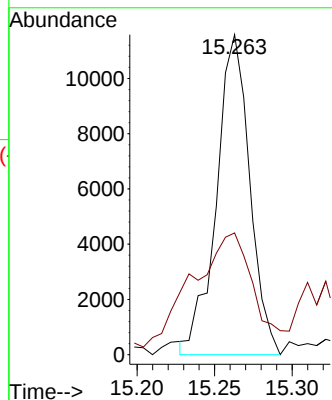
Tgt Ion:168 Resp: 17279
Ion Ratio Lower Upper
168 100
139 38.0 26.6 39.8

Manual Integrations

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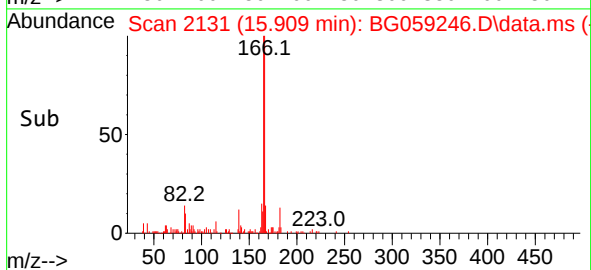
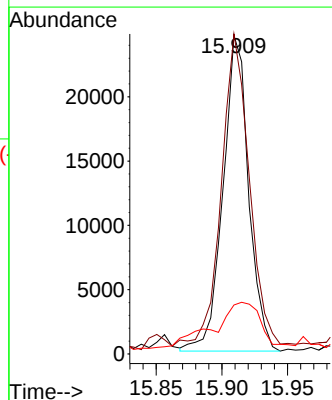
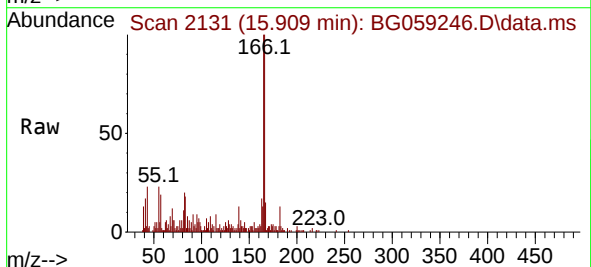
Reviewed By :Yogesh Patel 09/29/2023

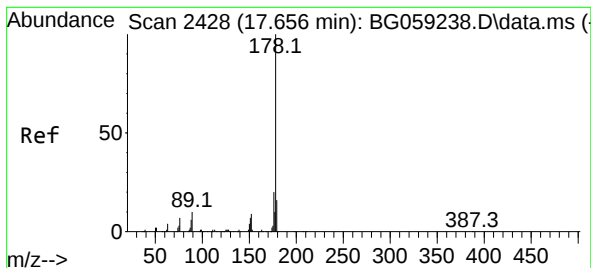
Supervised By :mohammad ahmed 09/30/2023



#61
Fluorene
Concen: 3.621 ng/ul
RT: 15.909 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG059246.D
Acq: 28 Sep 2023 23:06

Tgt Ion:166 Resp: 33419
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 15.3 11.8 17.8





#72

Phenanthrene

Concen: 6.558 ng/ul

RT: 17.660 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG059246.D

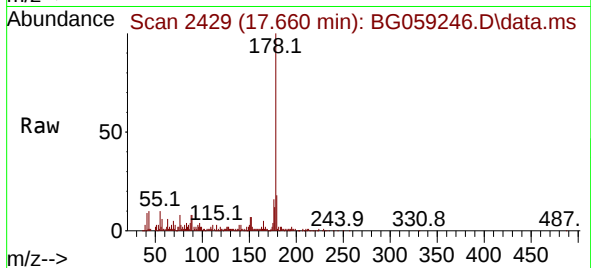
Acq: 28 Sep 2023 23:06

Instrument :

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ClientSampleId :

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Tgt Ion:178 Resp: 101584

Ion Ratio Lower Upper

178 100

179 17.6 12.3 18.5

176 16.0 14.6 21.8

Manual Integrations

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Supervised By :mohammad ahmed 09/30/2023

