

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061824.D
 Acq On : 1 Jul 2024 22:55
 Operator : MA/JU
 Sample : P2962-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COT91

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:30:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	76772	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	333567	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.691	164	222210	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.429	188	458982	20.000	ng/ul	0.00
79) Chrysene-d12	21.689	240	385918	20.000	ng/ul	0.00
88) Perylene-d12	24.903	264	460815	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	7400	3.482	ng/uL	0.00
4) Pyridine-d5	3.869	84	116710	18.164	ng/ul	0.00
7) Phenol-d5	7.200	99	171776	20.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.376	67	111573	21.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.582	132	126114	22.051	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	130872	20.312	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	63682	28.117	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	70450	30.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	128886	23.729	ng/ul	0.00
31) 4-Chloroaniline-d4	10.996	131	263924	32.093	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	383587	22.432	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	463972	24.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	60108	20.467	ng/ul	0.00
60) Fluorene-d10	15.678	176	347637	23.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.784	200	30757	15.671	ng/ul	0.00
73) Anthracene-d10	17.529	188	538929	25.724	ng/ul	0.00
81) Pyrene-d10	19.809	212	577755	26.802	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.680	264	568022	25.809	ng/ul	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.517	142	22406	1.701	ng/ul	95
37) 1-Methylnaphthalene	12.741	142	497394	35.397	ng/ul#	90
43) 1,1'-Biphenyl	13.522	154	139390	8.660	ng/ul	99
52) Acenaphthene	14.768	153	51447m	3.551	ng/ul	
61) Fluorene	15.731	166	86408	5.150	ng/ul#	88
72) Phenanthrene	17.476	178	195622	8.101	ng/ul#	91
74) Anthracene	17.565	178	28531	1.155	ng/ul#	67
80) Fluoranthene	19.474	202	35927	1.436	ng/ul#	95
82) Pyrene	19.838	202	62228	2.340	ng/ul#	94

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

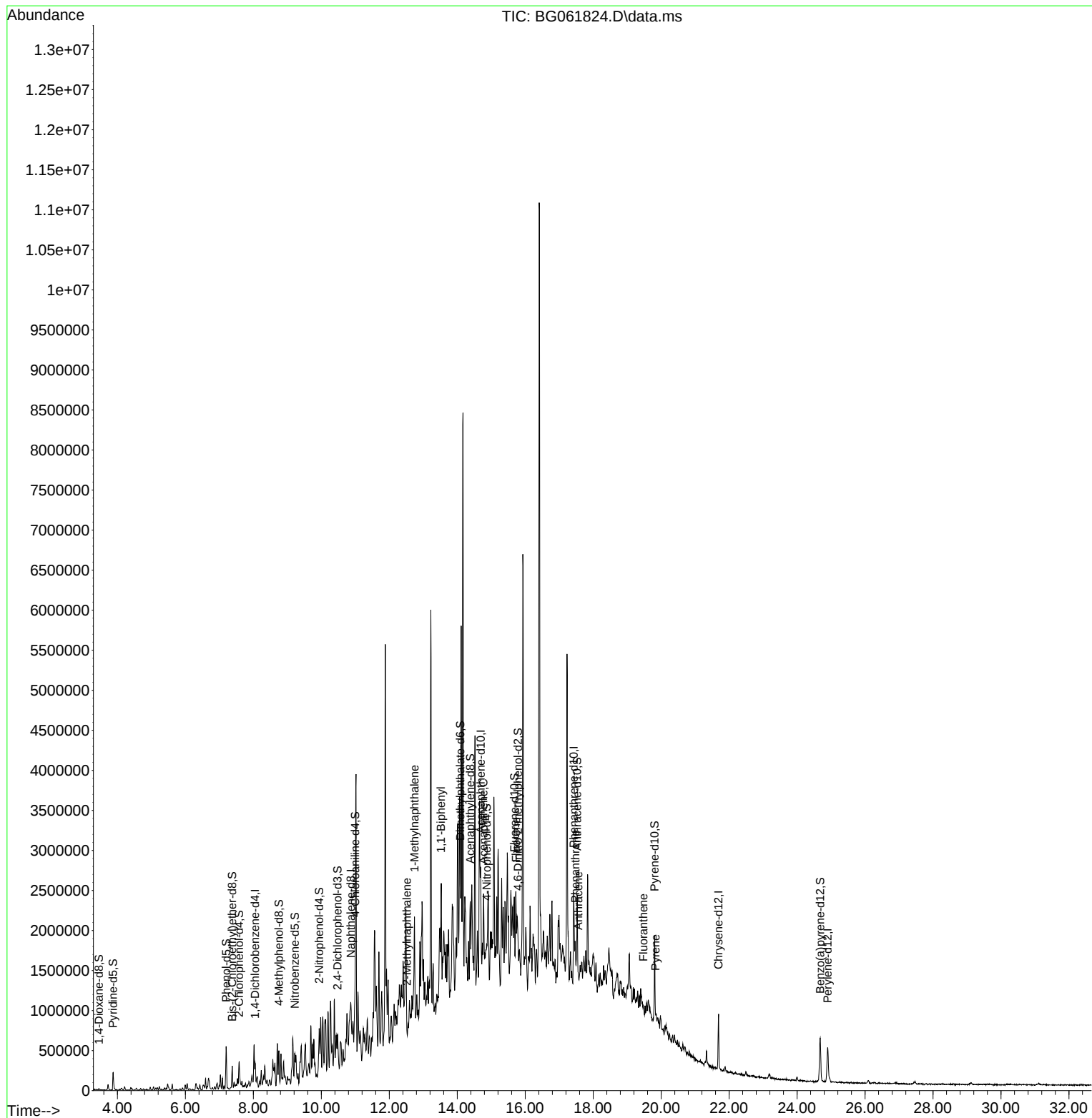
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061824.D
Acq On : 1 Jul 2024 22:55
Operator : MA/JU
Sample : P2962-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

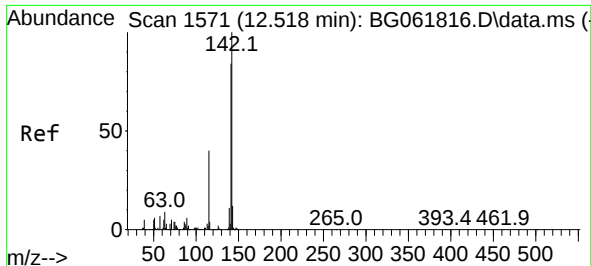
Instrument :
BNA_G
ClientSampleId :
C0T91

Quant Time: Jul 01 23:30:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

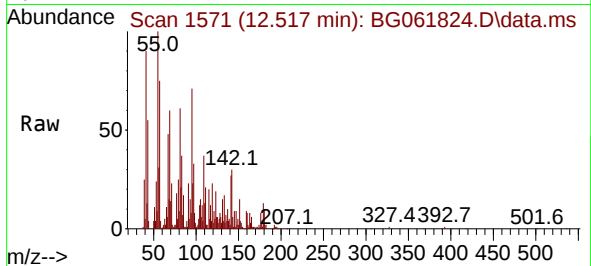
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#36
2-Methylnaphthalene
Concen: 1.701 ng/ul
RT: 12.517 min Scan# 1571
Delta R.T. -0.001 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55

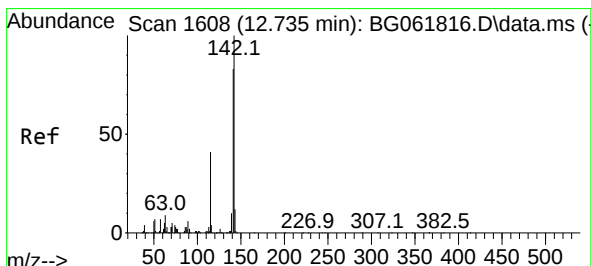
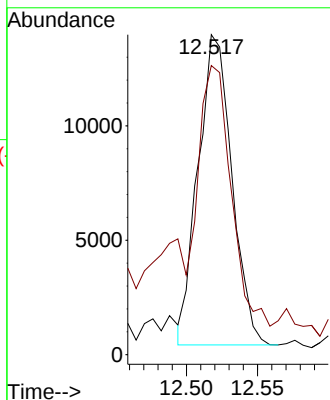
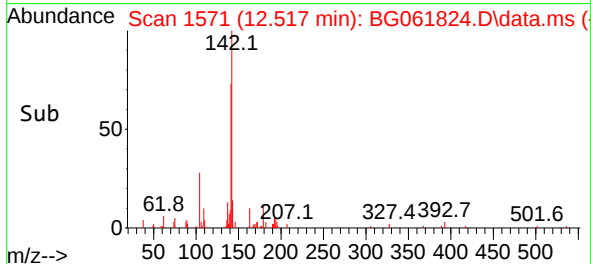
Instrument :
BNA_G
ClientSampleId :
C0T91



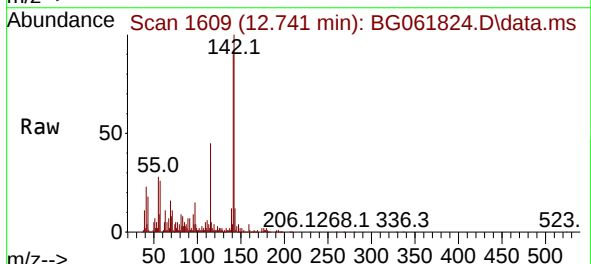
Tgt Ion:142 Resp: 22400
Ion Ratio Lower Upper
142 100
141 90.3 68.5 102.7

Manual Integrations
APPROVED

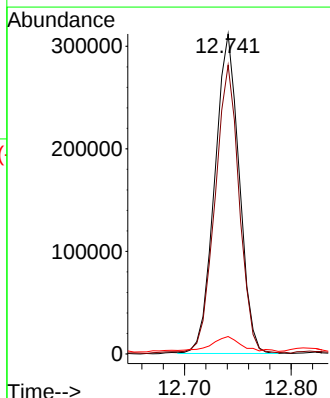
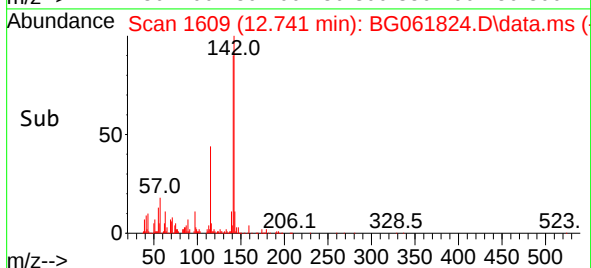
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

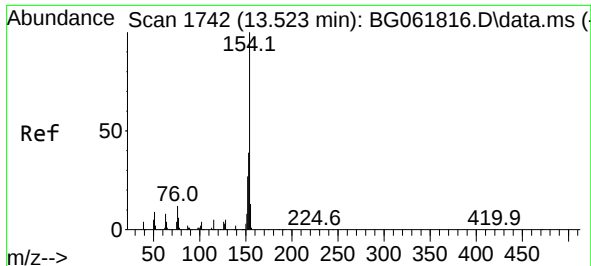


#37
1-Methylnaphthalene
Concen: 35.397 ng/ul
RT: 12.741 min Scan# 1609
Delta R.T. 0.005 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55



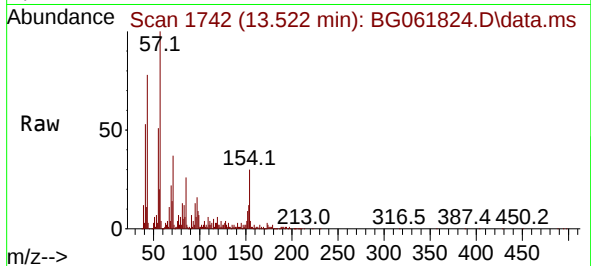
Tgt Ion:142 Resp: 497394
Ion Ratio Lower Upper
142 100
141 90.2 64.6 97.0
116 5.5 3.0 4.6#





#43
1,1'-Biphenyl
Concen: 8.660 ng/ul
RT: 13.522 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55

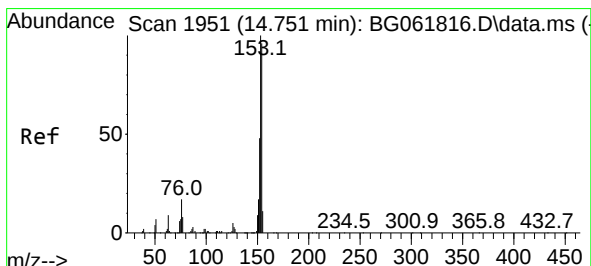
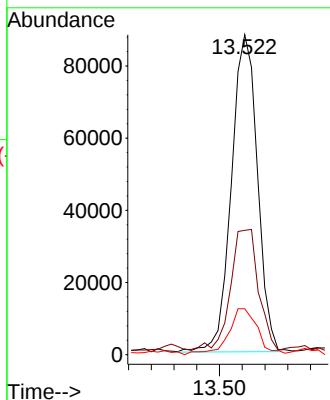
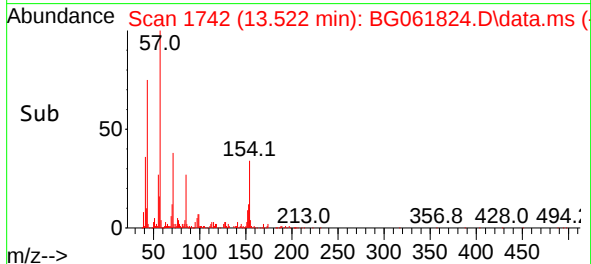
Instrument :
BNA_G
ClientSampleId :
COT91



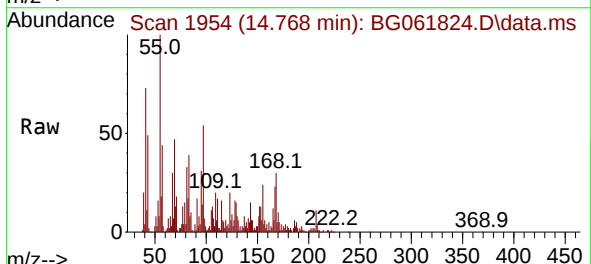
Tgt Ion:154 Resp: 139390
Ion Ratio Lower Upper
154 100
153 38.8 31.4 47.0
76 14.3 11.0 16.4

Manual Integrations
APPROVED

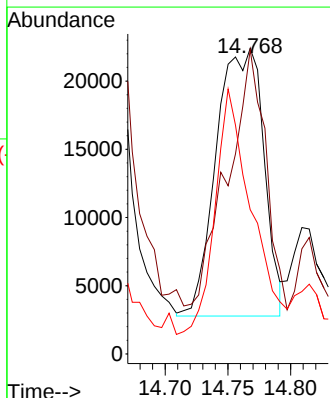
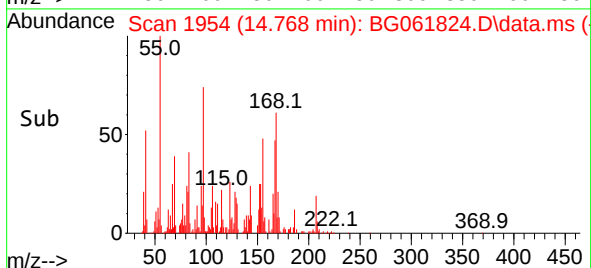
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

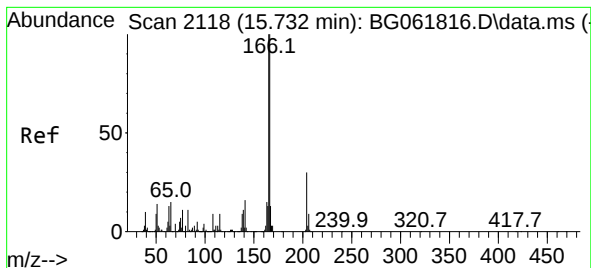


#52
Acenaphthene
Concen: 3.551 ng/ul m
RT: 14.768 min Scan# 1954
Delta R.T. 0.016 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55



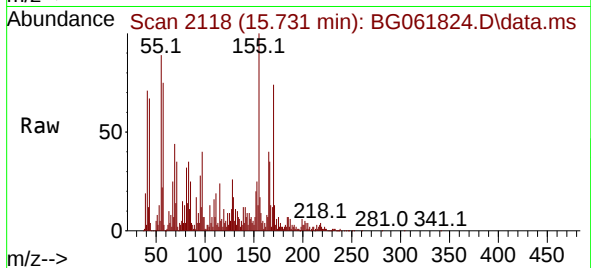
Tgt Ion:153 Resp: 51447
Ion Ratio Lower Upper
153 100
152 99.6 40.0 60.0#
154 47.2 74.1 111.1#





#61
Fluorene
Concen: 5.150 ng/ul
RT: 15.731 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55

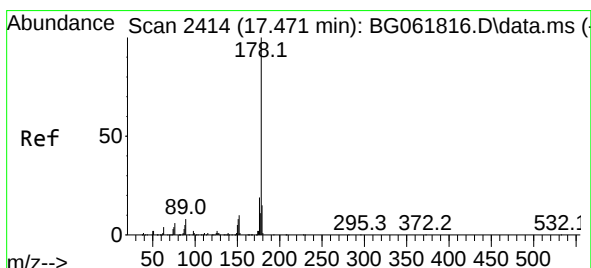
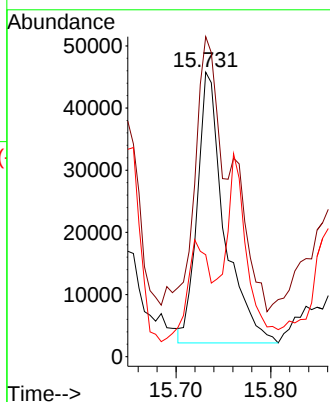
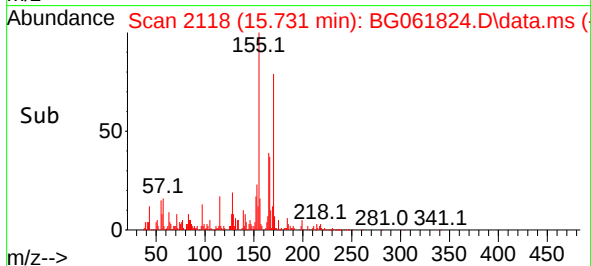
Instrument :
BNA_G
ClientSampleId :
COT91



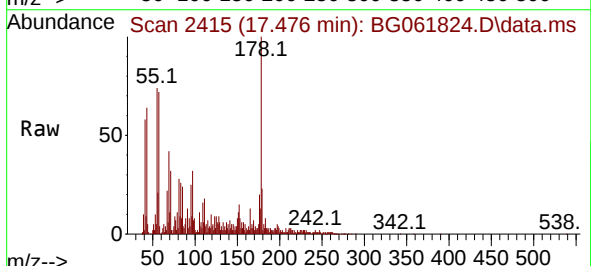
Tgt Ion:166 Resp: 86408
Ion Ratio Lower Upper
166 100
165 112.5 84.9 127.3
167 35.8 10.9 16.3

Manual Integrations
APPROVED

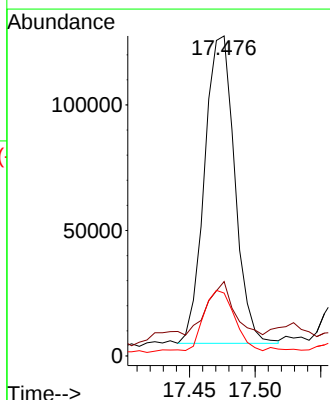
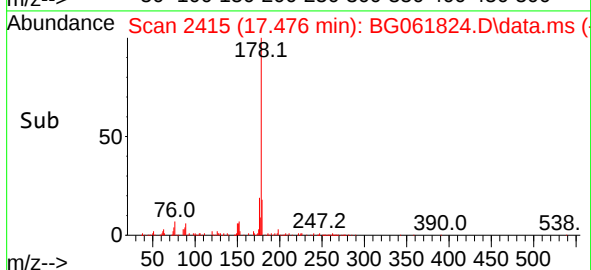
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

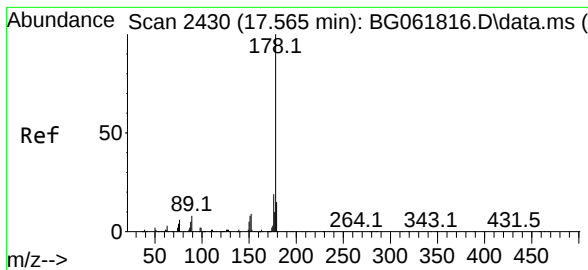


#72
Phenanthrene
Concen: 8.101 ng/ul
RT: 17.476 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BG061824.D
Acq: 1 Jul 2024 22:55



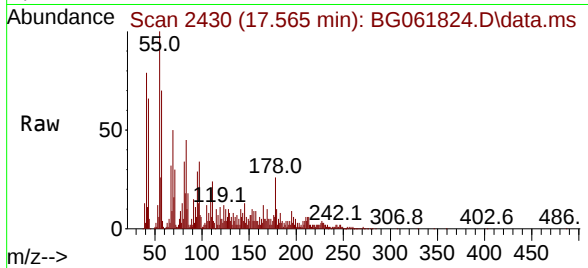
Tgt Ion:178 Resp: 195622
Ion Ratio Lower Upper
178 100
179 23.3 12.0 18.0#
176 19.6 16.2 24.2





#74
 Anthracene
 Concen: 1.155 ng/ul
 RT: 17.565 min Scan# 2430
 Delta R.T. -0.001 min
 Lab File: BG061824.D
 Acq: 1 Jul 2024 22:55

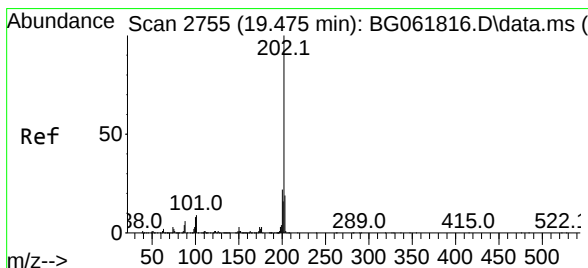
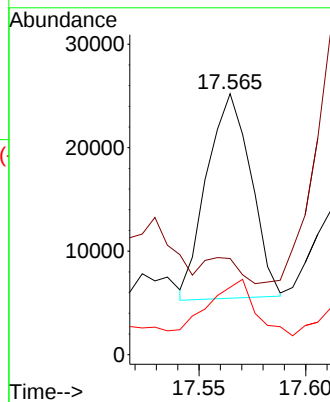
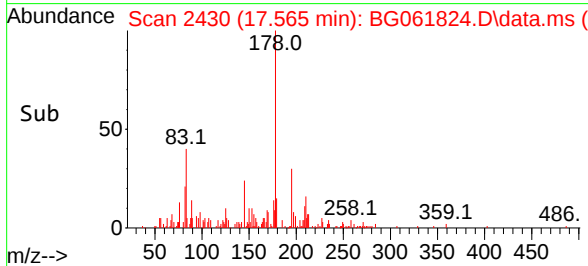
Instrument :
 BNA_G
 ClientSampleId :
 C0T91



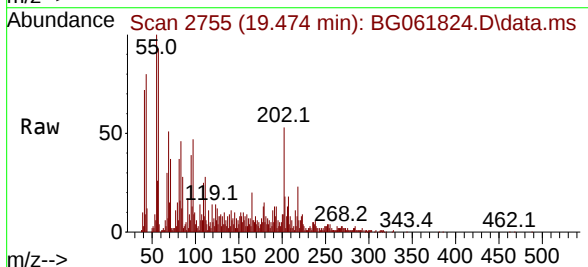
Tgt Ion:178 Resp: 2853
 Ion Ratio Lower Upper
 178 100
 179 36.9 11.4 17.2
 176 25.8 14.7 22.1

Manual Integrations
 APPROVED

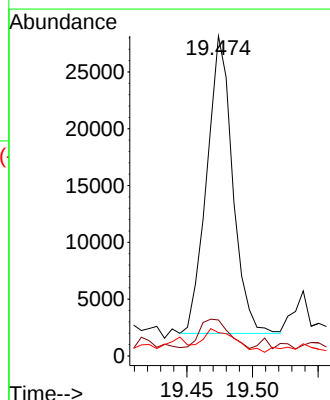
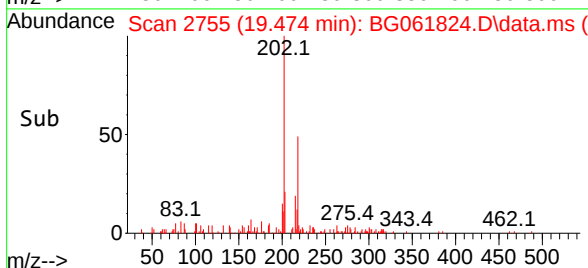
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

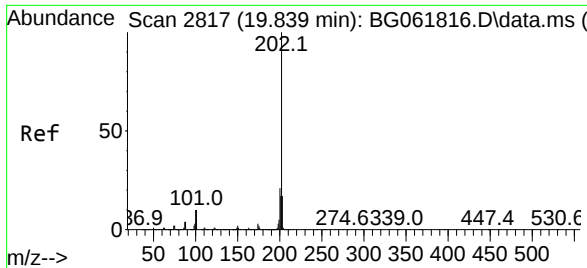


#80
 Fluoranthene
 Concen: 1.436 ng/ul
 RT: 19.474 min Scan# 2755
 Delta R.T. -0.001 min
 Lab File: BG061824.D
 Acq: 1 Jul 2024 22:55



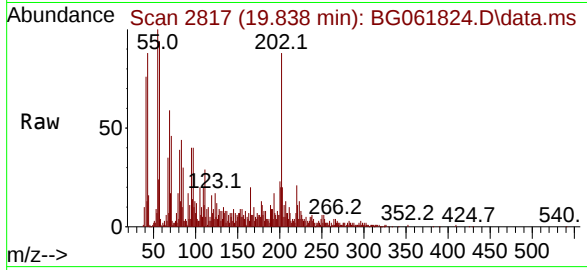
Tgt Ion:202 Resp: 35927
 Ion Ratio Lower Upper
 202 100
 101 11.2 7.8 11.6
 100 7.3 7.7 11.5





#82
 Pyrene
 Concen: 2.340 ng/ul
 RT: 19.838 min Scan# 2817
 Delta R.T. -0.001 min
 Lab File: BG061824.D
 Acq: 1 Jul 2024 22:55

Instrument :
 BNA_G
 ClientSampleId :
 C0T91



Tgt Ion:202	Resp: 62228
Ion Ratio	Lower Upper
202	100
101	13.0 10.1 15.1
100	7.8 9.9 14.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

