

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061807.D
 Acq On : 1 Jul 2024 11:24
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C66

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 12:12:21 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	8.059	152	76952	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	371641	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.681	164	241134	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.424	188	508536	20.000	ng/u1	0.00
79) Chrysene-d12	21.684	240	391957	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	449314	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	10532	4.944	ng/uL	0.00
4) Pyridine-d5	3.881	84	37122	5.764	ng/u1	0.01
7) Phenol-d5	7.201	99	218357	26.138	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	135609	26.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	155790	27.176	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	120286	18.626	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	78811	31.232	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	90688	35.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	169006	27.927	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	118552	12.939	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	517820	27.906	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	595079	29.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	71291	22.370	ng/u1	0.00
60) Fluorene-d10	15.674	176	463299	28.520	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	43804	20.144	ng/u1	0.00
73) Anthracene-d10	17.524	188	687404	29.613	ng/u1	0.00
81) Pyrene-d10	19.810	212	628116	28.689	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.681	264	451398	21.035	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.230	94	10330	1.175	ng/u1	93
16) Acetophenone	8.876	105	12290	1.156	ng/u1	98
18) 4-Methylphenol	8.805	108	28797	4.179	ng/u1	96
72) Phenanthrene	17.466	178	159275	5.953	ng/u1	98
74) Anthracene	17.560	178	32081	1.173	ng/u1	94
80) Fluoranthene	19.475	202	349841	13.771	ng/u1	99
82) Pyrene	19.833	202	257908	9.548	ng/u1	98
85) Benzo(a)anthracene	21.667	228	141876	5.157	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.578	149	18380	1.271	ng/u1#	96
87) Chrysene	21.731	228	151174	5.807	ng/u1	95
90) Benzo(b)fluoranthene	23.882	252	186735	6.914	ng/u1	99
91) Benzo(k)fluoranthene	23.940	252	69107m	2.488	ng/u1	
93) Benzo(a)pyrene	24.751	252	80603	3.100	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.547	276	69822	2.155	ng/u1	94

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

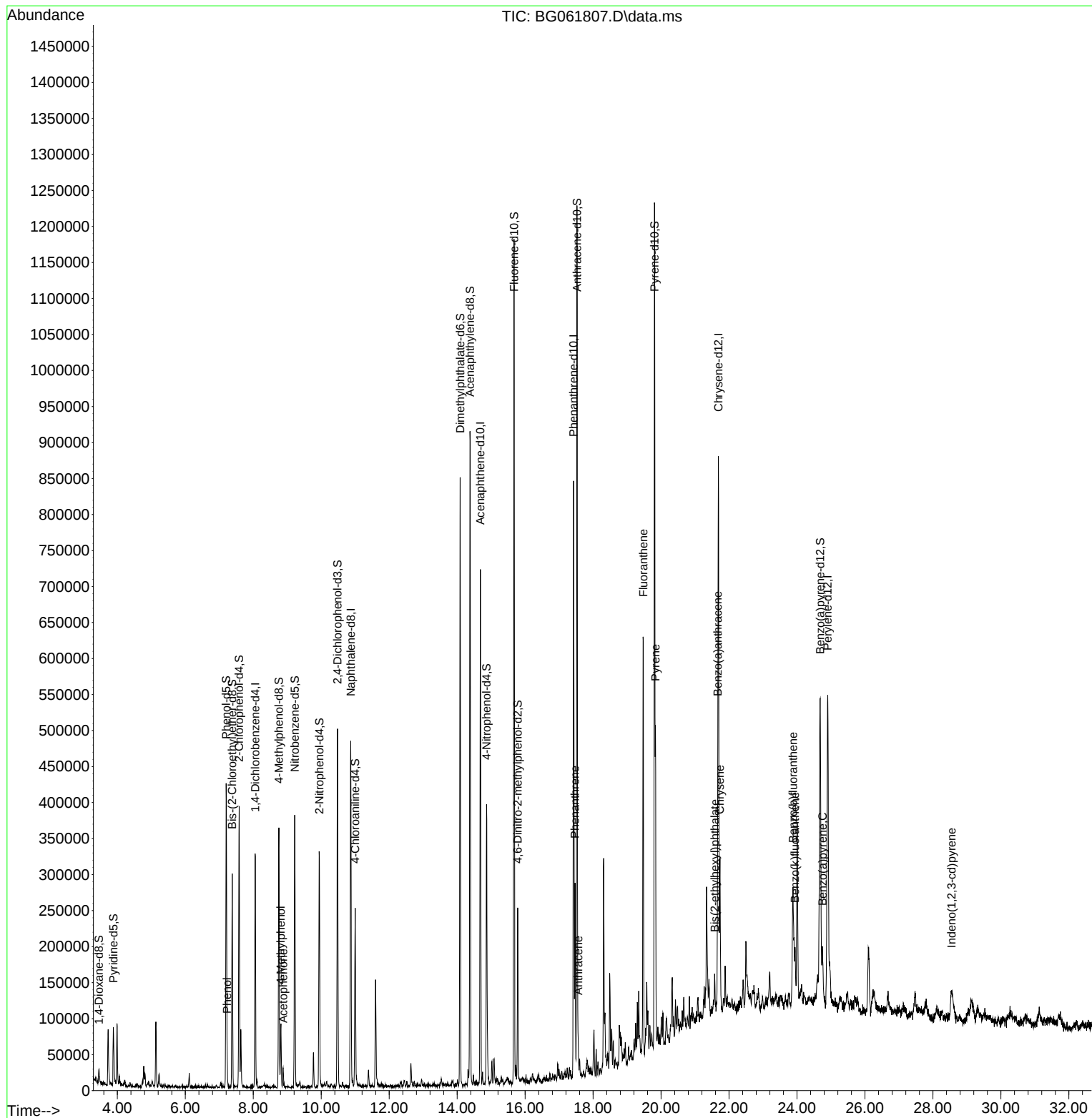
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061807.D
Acq On : 1 Jul 2024 11:24
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

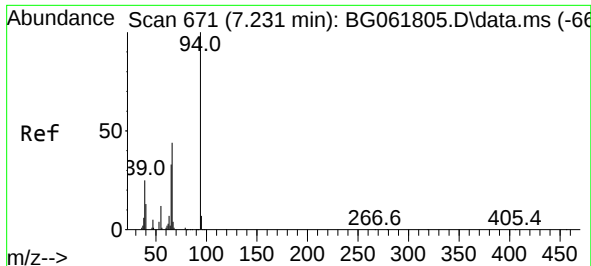
Instrument :
BNA_G
ClientSampleId :
A4C66

Manual Integrations
APPROVED

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

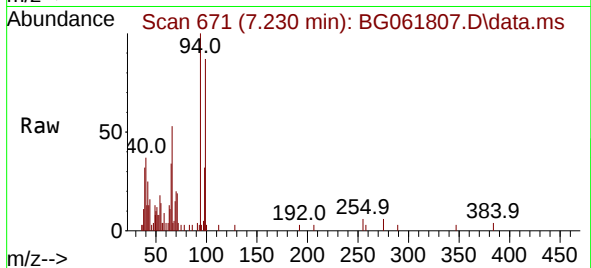
Quant Time: Jul 01 12:12:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.175 ng/ul
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24

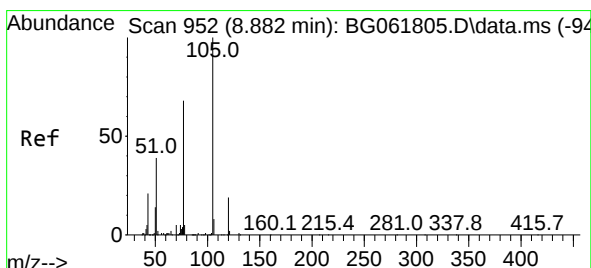
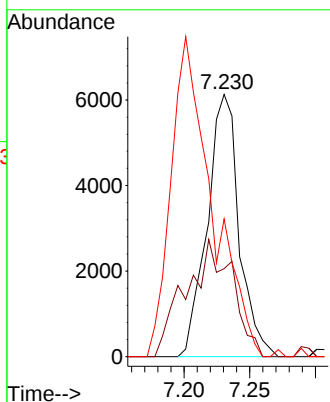
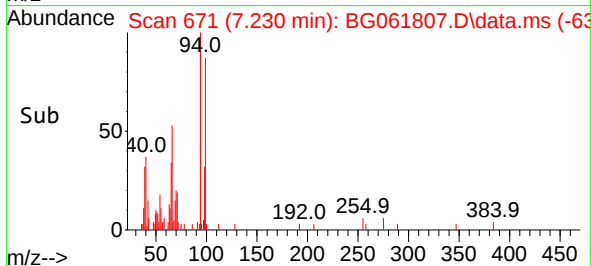
Instrument :
BNA_G
ClientSampleId :
A4C66



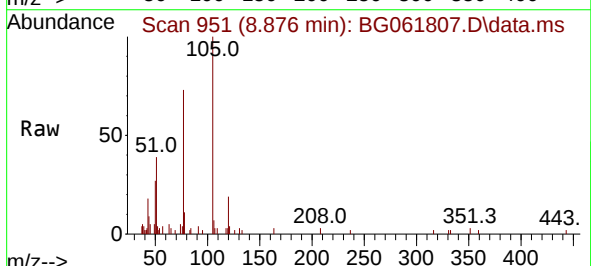
Tgt Ion: 94 Resp: 10330
Ion Ratio Lower Upper
94 100
65 33.6 25.8 38.6
66 52.5 36.9 55.3

Manual Integrations
APPROVED

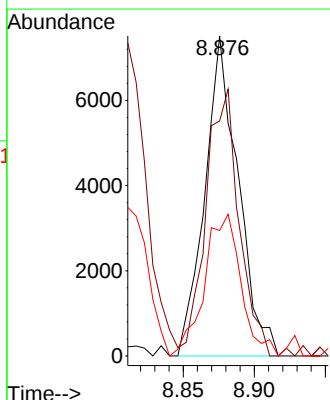
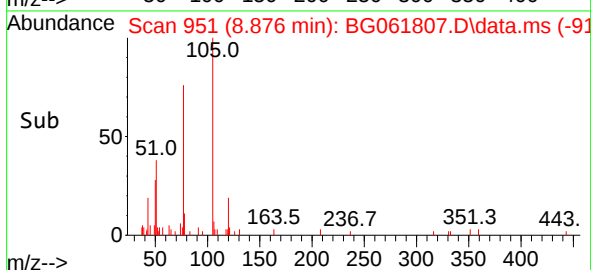
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

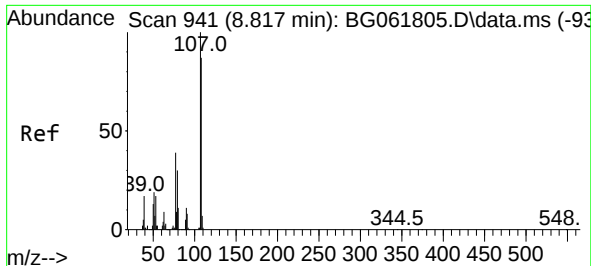


#16
Acetophenone
Concen: 1.156 ng/ul
RT: 8.876 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24



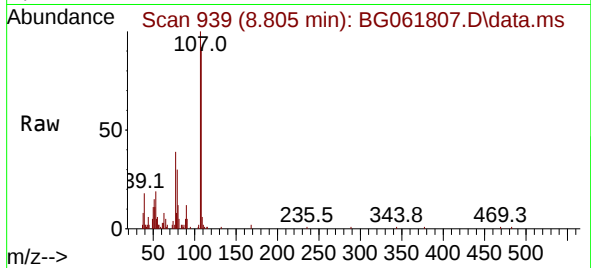
Tgt Ion:105 Resp: 12290
Ion Ratio Lower Upper
105 100
77 73.5 60.4 90.6
51 39.2 31.1 46.7





#18
4-Methylphenol
Concen: 4.179 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24

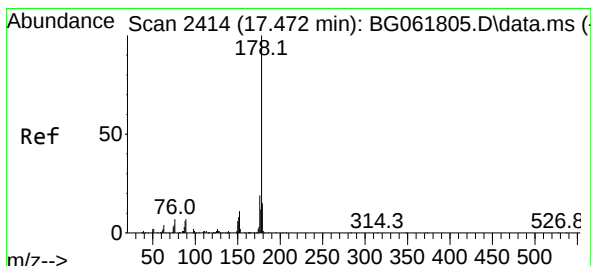
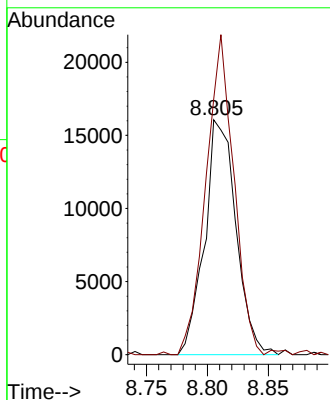
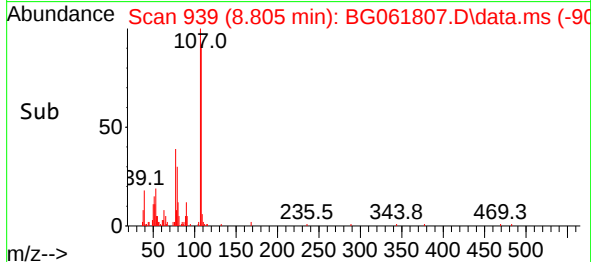
Instrument :
BNA_G
ClientSampleId :
A4C66



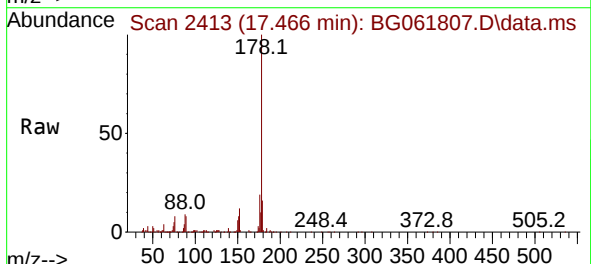
Tgt Ion:108 Resp: 2879
Ion Ratio Lower Upper
108 100
107 108.8 90.2 135.2

Manual Integrations
APPROVED

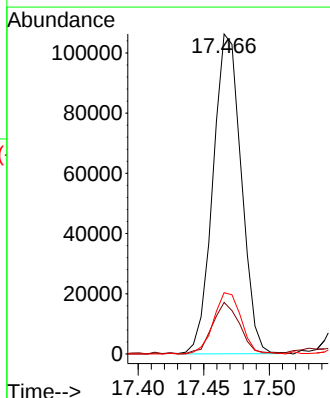
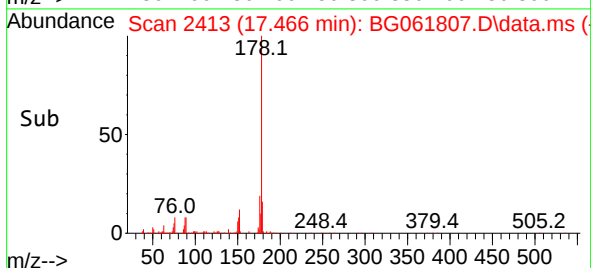
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

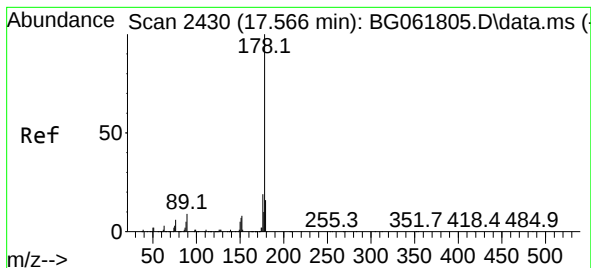


#72
Phenanthrene
Concen: 5.953 ng/ul
RT: 17.466 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24



Tgt Ion:178 Resp: 159275
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 19.2 16.2 24.2





#74

Anthracene

Concen: 1.173 ng/ul

RT: 17.560 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

Instrument :

BNA_G

ClientSampleId :

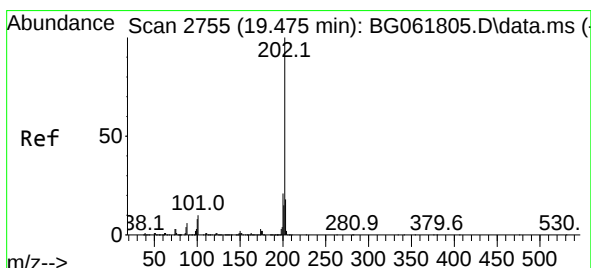
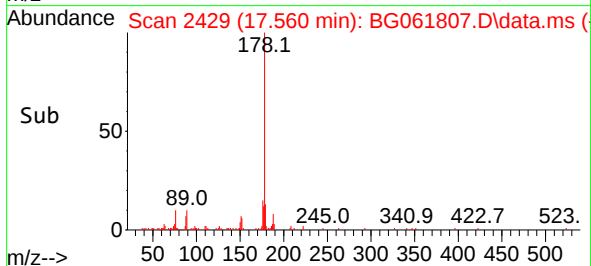
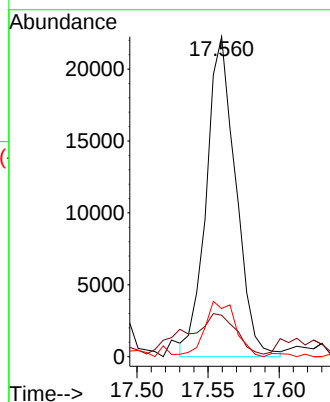
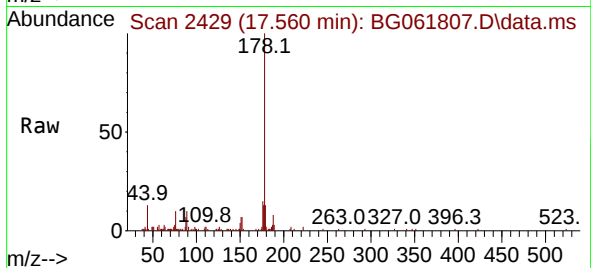
A4C66

Tgt Ion:	178	Resp:	3208
Ion Ratio	Lower	Upper	
178	100		
179	13.0	11.4	17.2
176	15.0	14.7	22.1

Manual Integrations

APPROVED

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



#80

Fluoranthene

Concen: 13.771 ng/ul

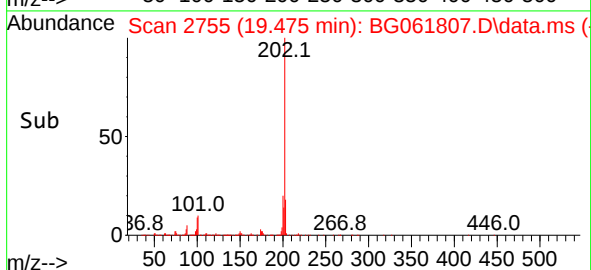
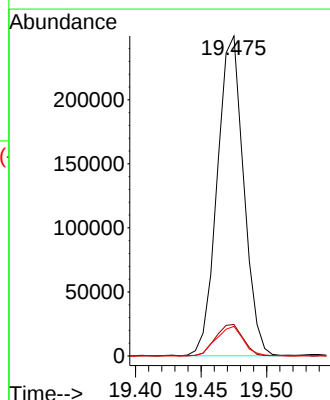
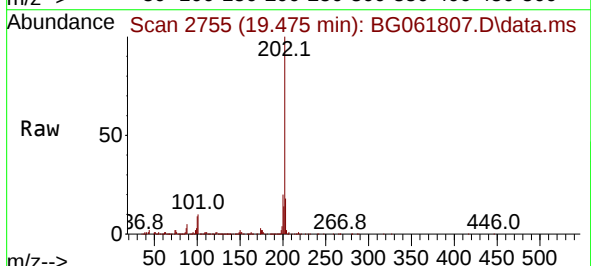
RT: 19.475 min Scan# 2755

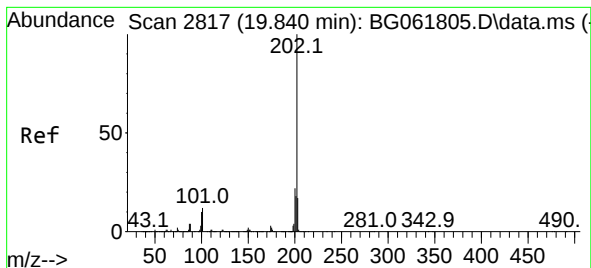
Delta R.T. -0.000 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

Tgt Ion:	202	Resp:	349841
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.8	11.6
100	9.3	7.7	11.5





#82

Pyrene

Concen: 9.548 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

Instrument :

BNA_G

ClientSampleId :

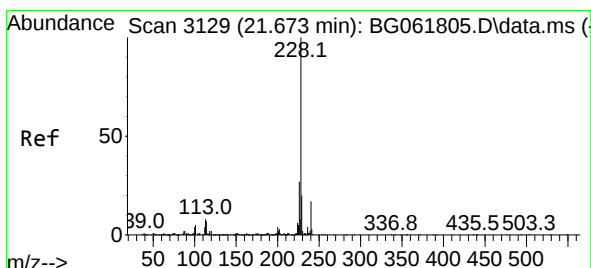
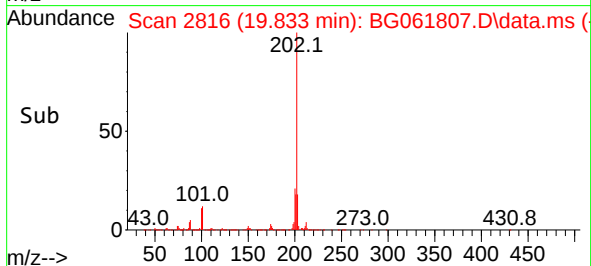
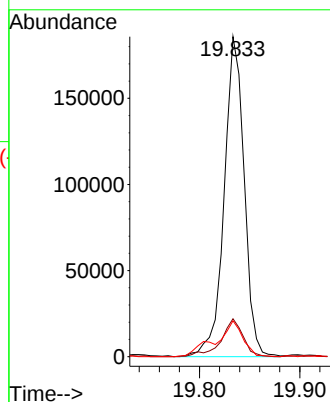
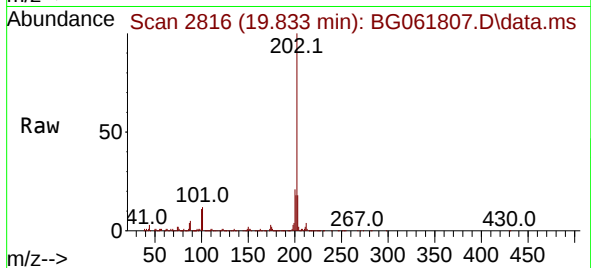
A4C66

Tgt Ion:202 Resp: 257908
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.1 15.1
 100 11.2 9.9 14.9

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 5.157 ng/ul

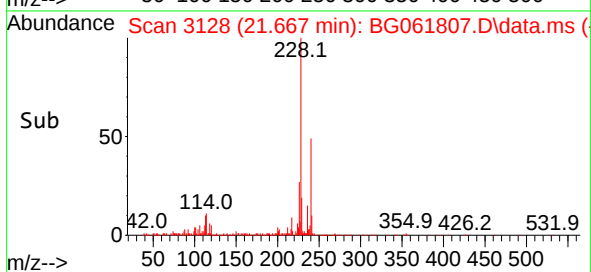
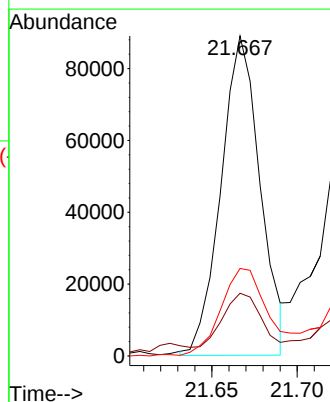
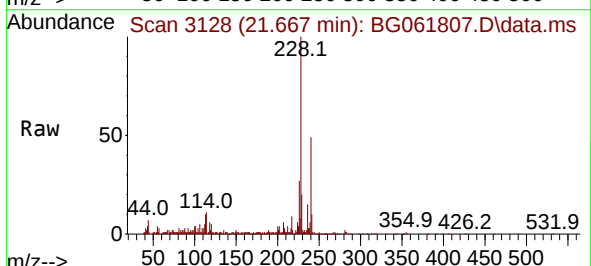
RT: 21.667 min Scan# 3128

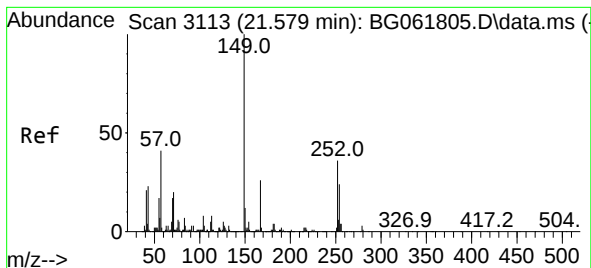
Delta R.T. -0.006 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

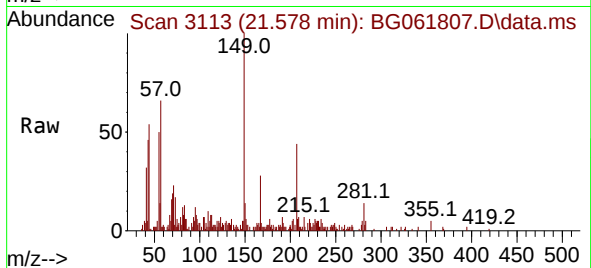
Tgt Ion:228 Resp: 141876
 Ion Ratio Lower Upper
 228 100
 229 19.6 15.8 23.8
 226 27.4 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.271 ng/ul
RT: 21.578 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24

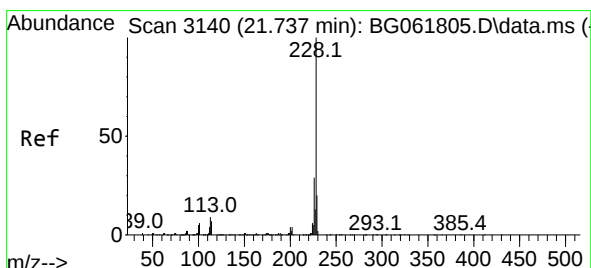
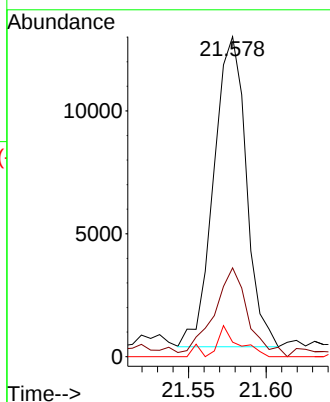
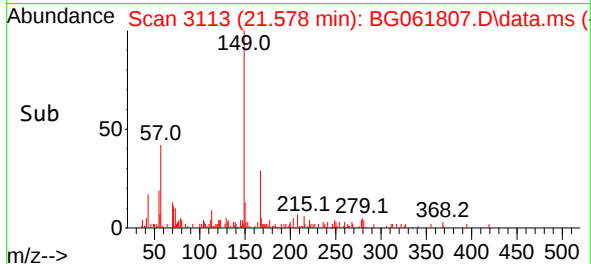
Instrument :
BNA_G
ClientSampleId :
A4C66



Tgt Ion:149 Resp: 18380
Ion Ratio Lower Upper
149 100
167 27.7 20.5 30.7
279 4.5 2.9 4.3

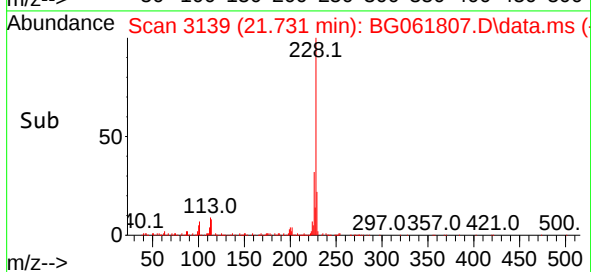
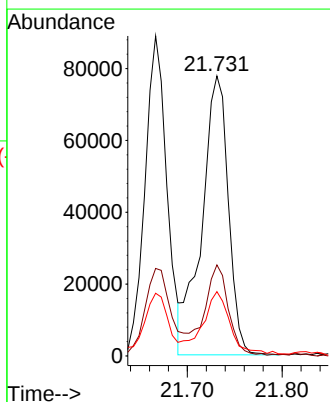
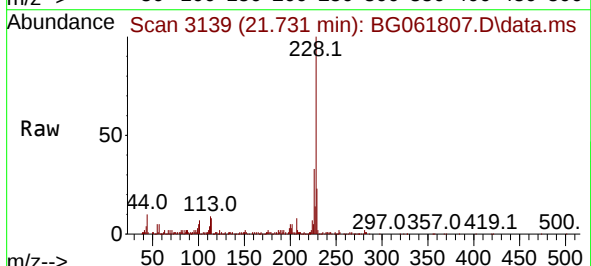
Manual Integrations
APPROVED

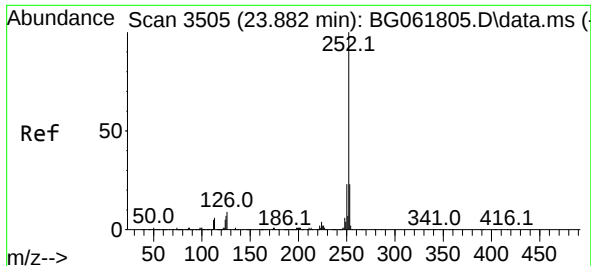
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 5.807 ng/ul
RT: 21.731 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24

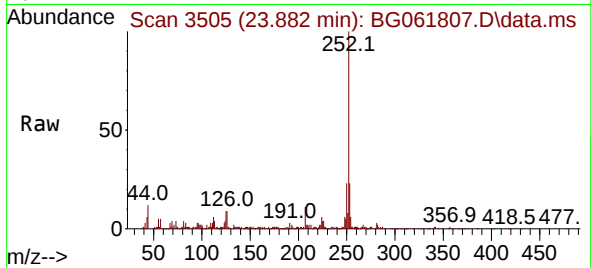
Tgt Ion:228 Resp: 151174
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.2
229 23.0 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 6.914 ng/ul
RT: 23.882 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24

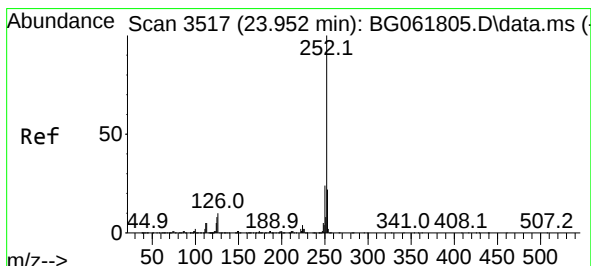
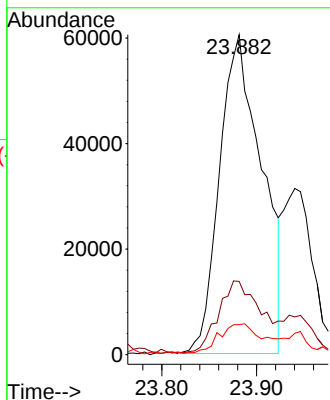
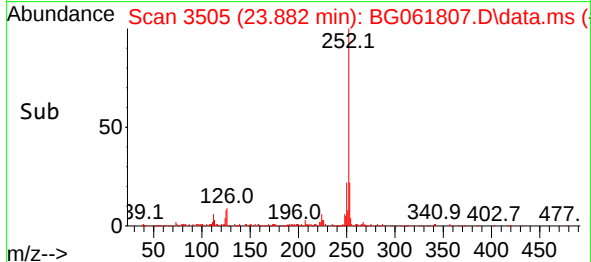
Instrument :
BNA_G
ClientSampleId :
A4C66



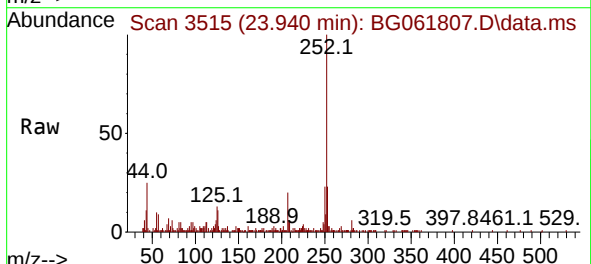
Tgt Ion:252 Resp: 186735
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 9.4 7.0 10.6

Manual Integrations
APPROVED

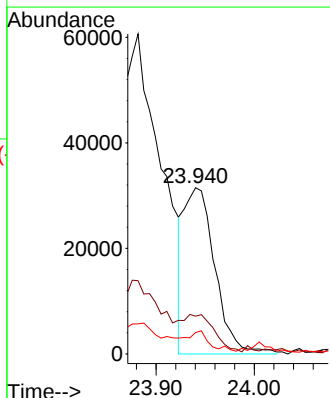
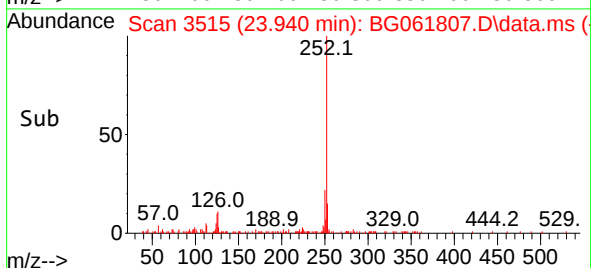
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

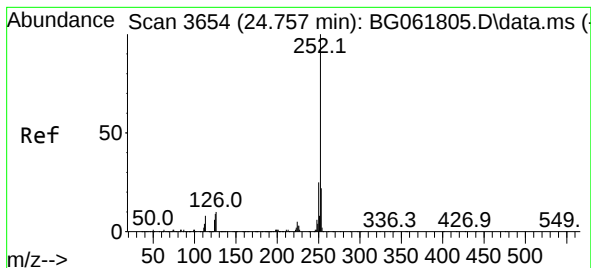


#91
Benzo(k)fluoranthene
Concen: 2.488 ng/ul m
RT: 23.940 min Scan# 3515
Delta R.T. -0.018 min
Lab File: BG061807.D
Acq: 1 Jul 2024 11:24



Tgt Ion:252 Resp: 69107
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.9 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 3.100 ng/ul

RT: 24.751 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

Instrument :

BNA_G

ClientSampleId :

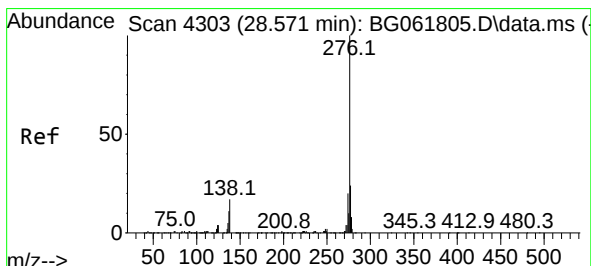
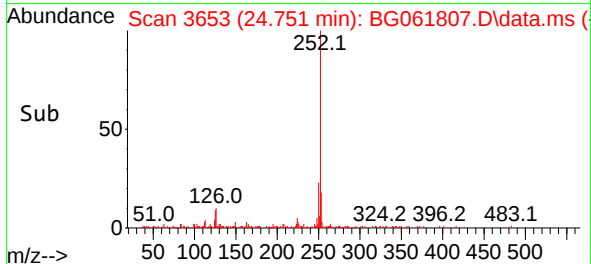
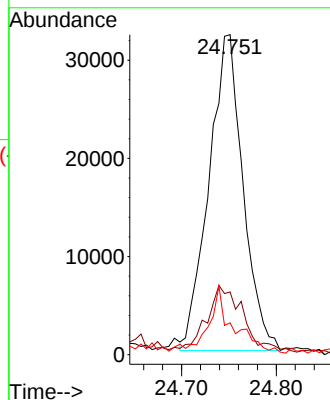
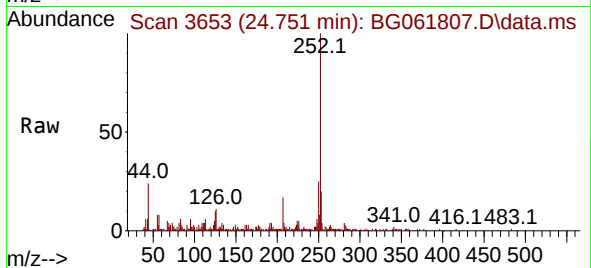
A4C66

Tgt Ion:	252	Resp:	8060
Ion Ratio	Lower	Upper	
252	100		
253	19.6	16.8	25.2
125	9.9	6.5	9.7

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.155 ng/ul

RT: 28.547 min Scan# 4299

Delta R.T. -0.018 min

Lab File: BG061807.D

Acq: 1 Jul 2024 11:24

Tgt Ion:	276	Resp:	69822
Ion Ratio	Lower	Upper	
276	100		
138	14.8	12.2	18.4
277	20.0	19.7	29.5

