

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061810.D
 Acq On : 1 Jul 2024 13:25
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C54

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 15:00:23 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	8.055	152	66046	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	315275	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.688	164	199569	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.432	188	440602	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	340138	20.000	ng/u1	0.00
88) Perylene-d12	24.912	264	402992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	7106	3.887	ng/uL	0.00
4) Pyridine-d5	3.889	84	8150	1.474	ng/u1	0.02
7) Phenol-d5	7.203	99	158639	22.126	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	101492	22.707	ng/u1	0.00
11) 2-Chlorophenol-d4	7.585	132	112546	22.874	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	89687	16.181	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	57684	26.946	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	65042	29.999	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	117848	22.955	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	79479	10.225	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	376657	24.526	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	420275	24.971	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	54179	20.541	ng/u1	0.00
60) Fluorene-d10	15.675	176	330272	24.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	30678	16.283	ng/u1	0.00
73) Anthracene-d10	17.526	188	503195	25.020	ng/u1	0.00
81) Pyrene-d10	19.812	212	487541	25.661	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.688	264	350912	18.232	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.473	178	250507	10.807	ng/u1	96
74) Anthracene	17.567	178	54046m	2.280	ng/u1	
77) Carbazole	17.832	167	23509	1.168	ng/u1#	97
78) Di-n-butylphthalate	18.384	149	28728	1.193	ng/u1#	92
80) Fluoranthene	19.477	202	491160	22.280	ng/u1	99
82) Pyrene	19.841	202	358102	15.277	ng/u1#	95
85) Benzo(a)anthracene	21.674	228	208760	8.744	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.580	149	48262	3.847	ng/u1#	97
87) Chrysene	21.739	228	230699	10.212	ng/u1	96
90) Benzo(b)fluoranthene	23.889	252	324973	13.415	ng/u1	97
91) Benzo(k)fluoranthene	23.948	252	100257m	4.024	ng/u1	
93) Benzo(a)pyrene	24.753	252	123152	5.280	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.578	276	125196	4.308	ng/u1	94
95) Dibenzo(a,h)anthracene	28.619	278	46253m	1.914	ng/u1	

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

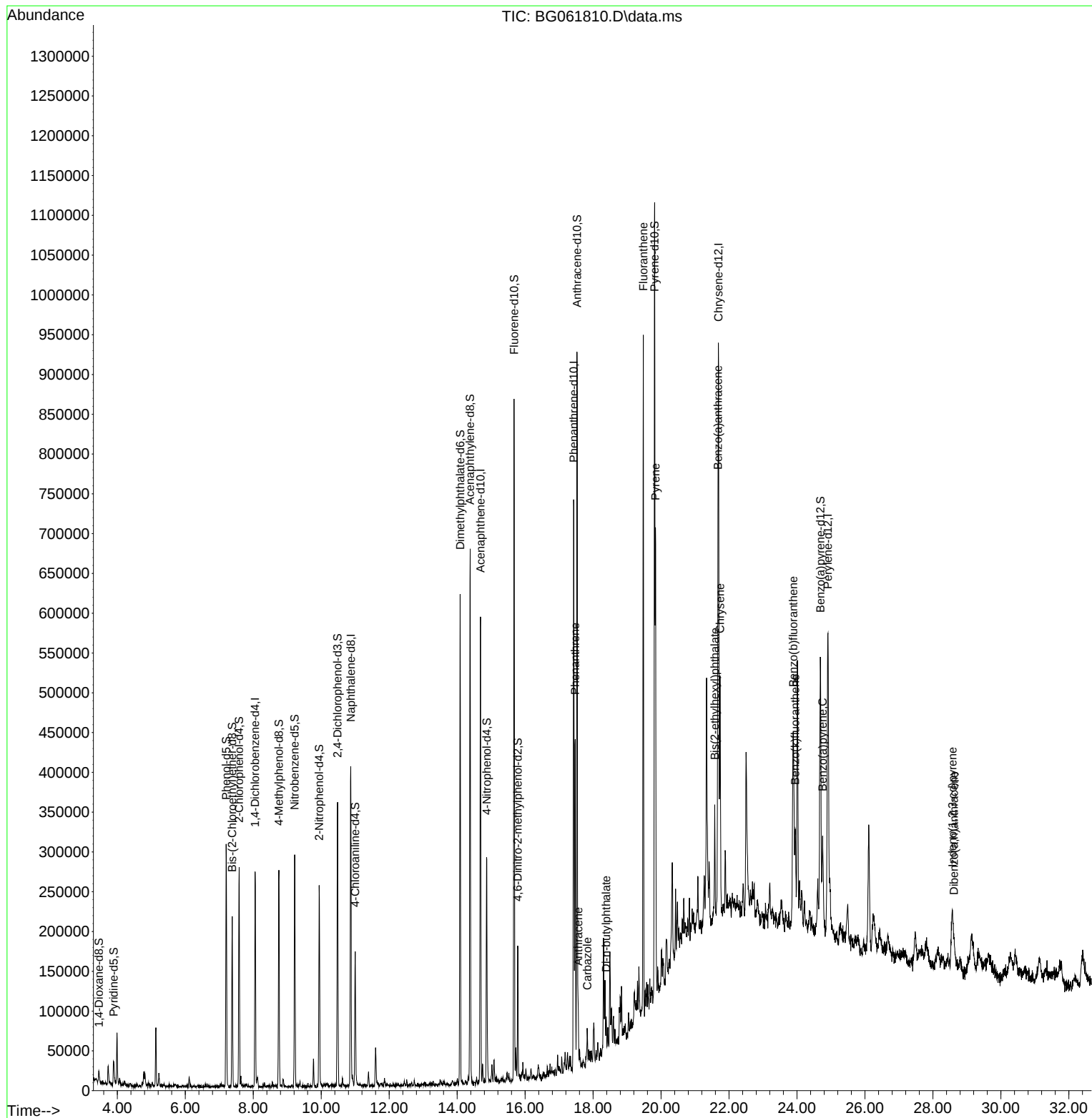
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061810.D
Acq On : 1 Jul 2024 13:25
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

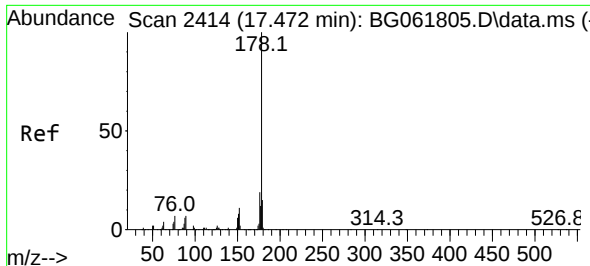
Instrument :
BNA_G
ClientSampleId :
A4C54

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

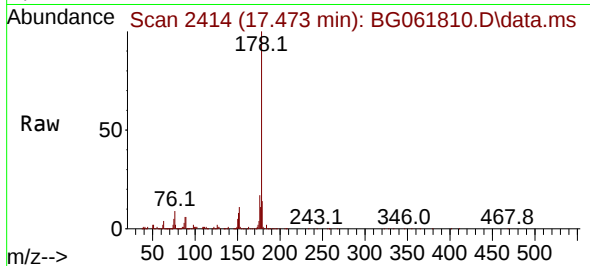
Quant Time: Jul 01 15:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.807 ng/u1
RT: 17.473 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

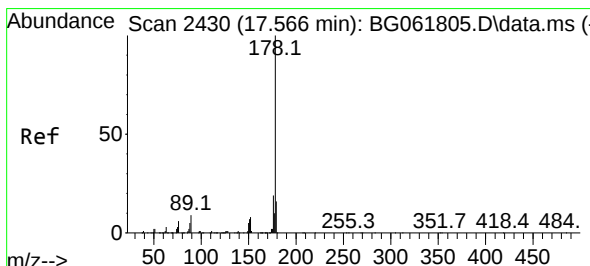
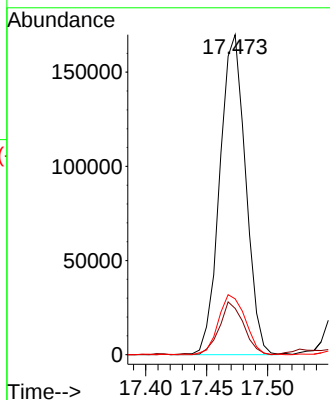
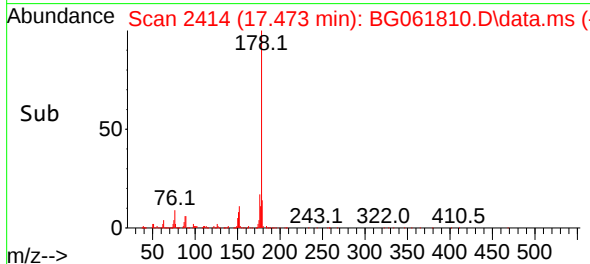
Instrument :
BNA_G
ClientSampleId :
A4C54



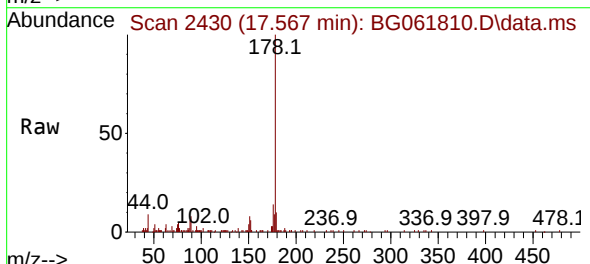
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Ion Ratio Lower Upper
178 100
179 14.5 12.0 18.0
176 17.5 16.2 24.2

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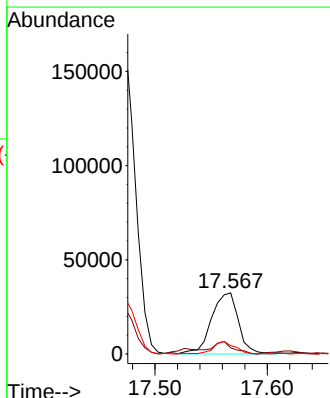
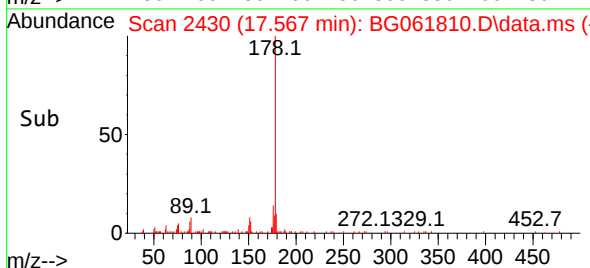
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

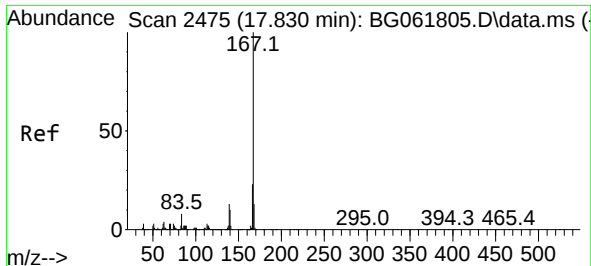


#74
Anthracene
Concen: 2.280 ng/u1 m
RT: 17.567 min Scan# 2430
Delta R.T. 0.002 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25



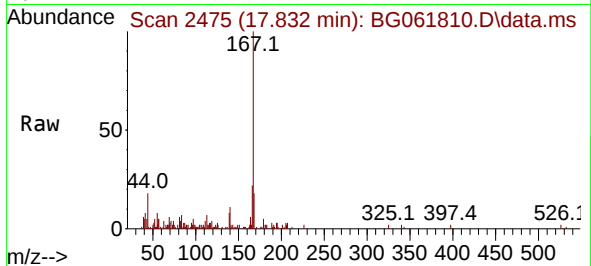
Tgt Ion:178 Resp: 54046
Ion Ratio Lower Upper
178 100
179 10.0 11.4 17.2#
176 13.6 14.7 22.1#





#77
 Carbazole
 Concen: 1.168 ng/ul
 RT: 17.832 min Scan# 2475
 Delta R.T. 0.002 min
 Lab File: BG061810.D
 Acq: 1 Jul 2024 13:25

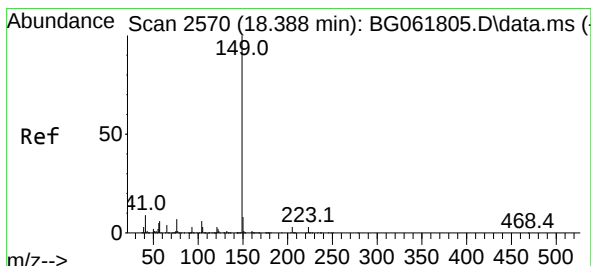
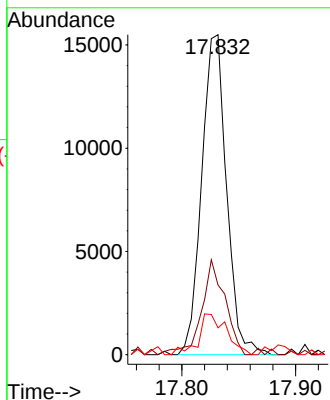
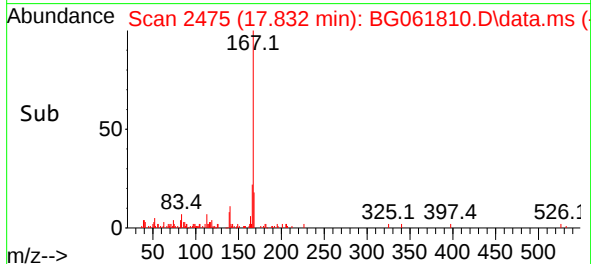
Instrument :
 BNA_G
 ClientSampleId :
 A4C54



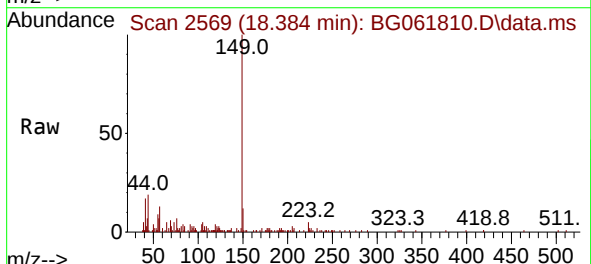
Tgt Ion:167 Resp: 23509
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 8.4 9.4 14.2

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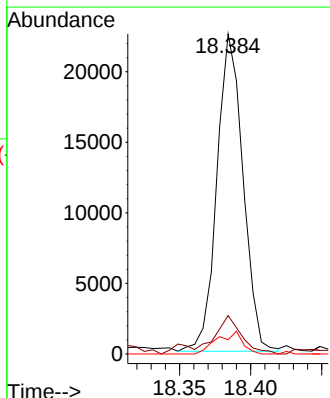
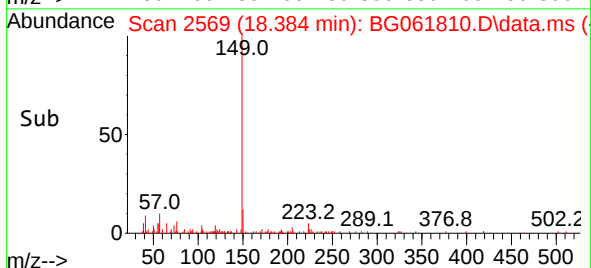
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

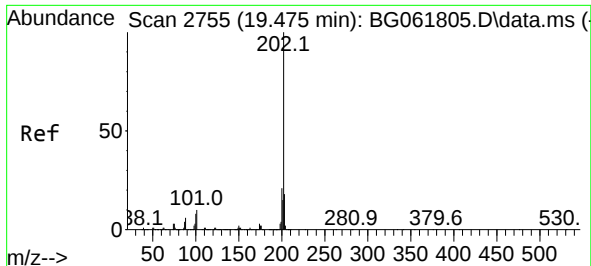


#78
 Di-n-butylphthalate
 Concen: 1.193 ng/ul
 RT: 18.384 min Scan# 2569
 Delta R.T. -0.010 min
 Lab File: BG061810.D
 Acq: 1 Jul 2024 13:25



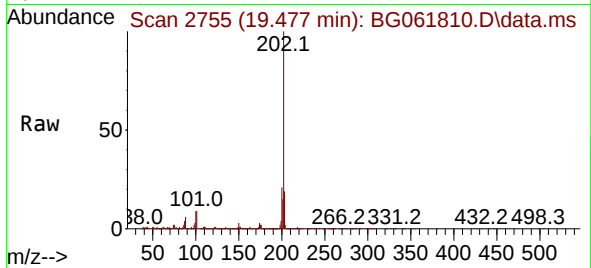
Tgt Ion:149 Resp: 28728
 Ion Ratio Lower Upper
 149 100
 150 12.0 6.7 10.1#
 104 4.4 4.6 6.8#





#80
Fluoranthene
Concen: 22.280 ng/u1
RT: 19.477 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

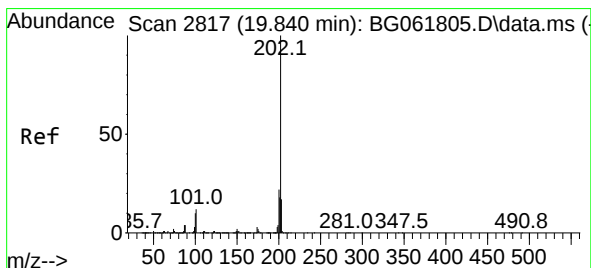
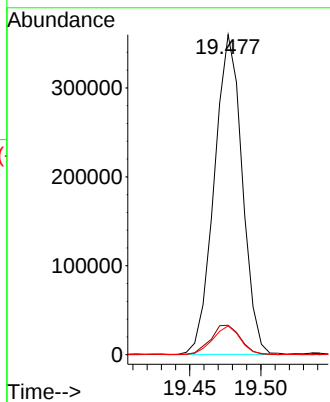
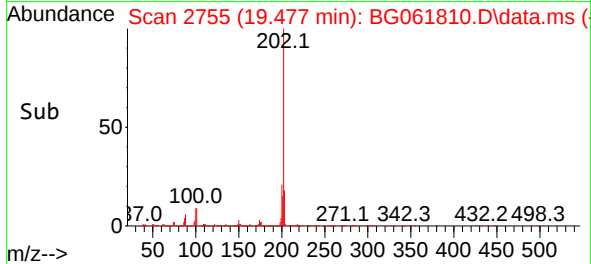
Instrument :
BNA_G
ClientSampleId :
A4C54



Tgt Ion:202 Resp: 491160
Ion Ratio Lower Upper
202 100
101 9.2 7.8 11.6
100 9.0 7.7 11.5

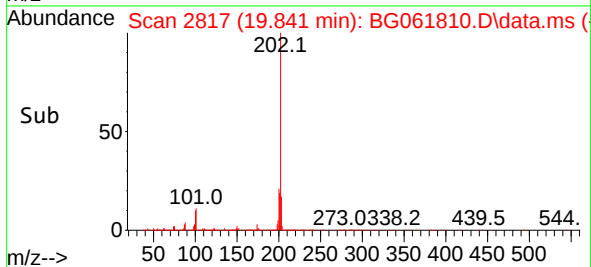
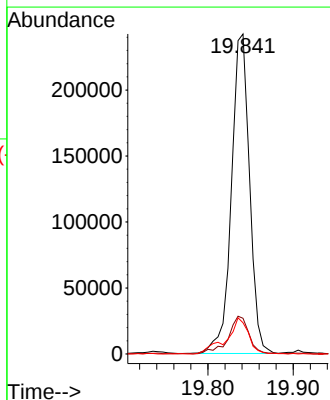
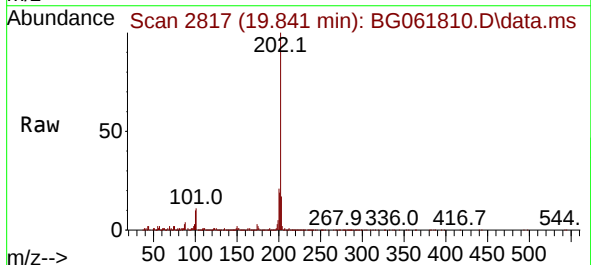
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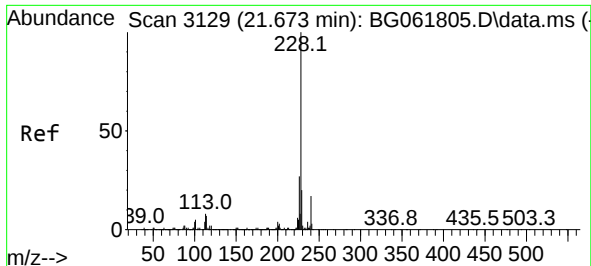
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 15.277 ng/u1
RT: 19.841 min Scan# 2817
Delta R.T. 0.002 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

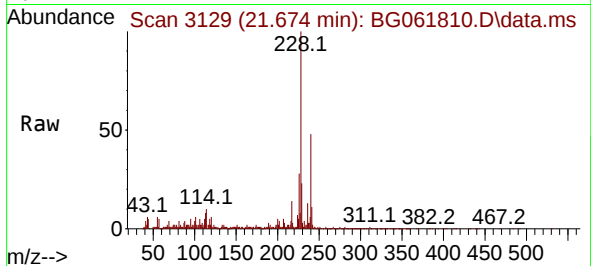
Tgt Ion:202 Resp: 358102
Ion Ratio Lower Upper
202 100
101 11.1 10.1 15.1
100 9.7 9.9 14.9#





#85
Benzo(a)anthracene
Concen: 8.744 ng/ul
RT: 21.674 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

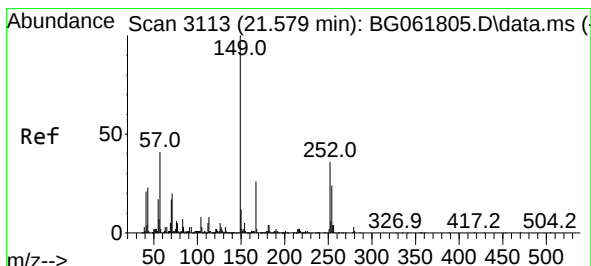
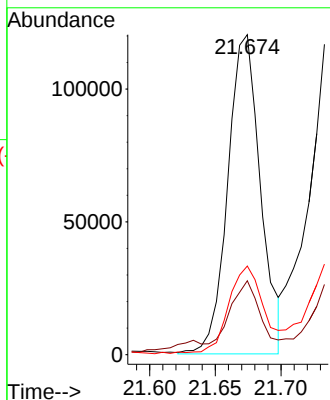
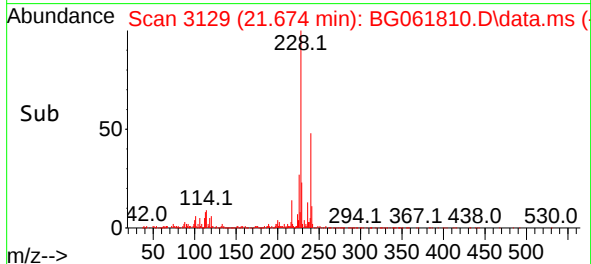
Instrument :
BNA_G
ClientSampleId :
A4C54



Tgt Ion:228 Resp: 208760
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.8
226 27.7 21.4 32.2

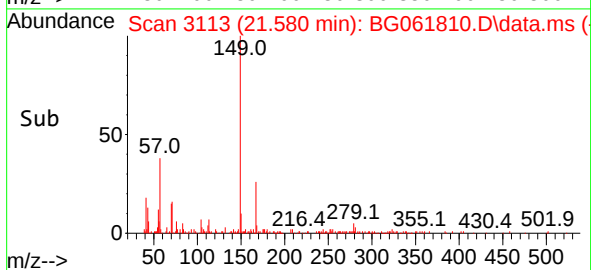
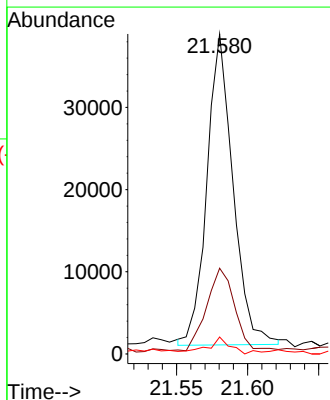
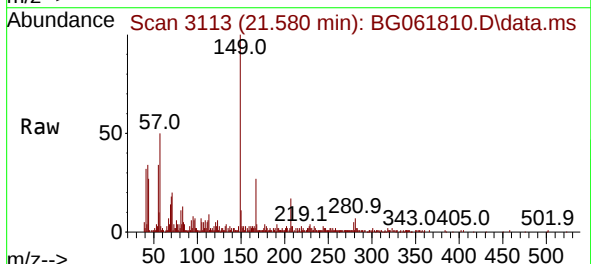
Manual Integrations
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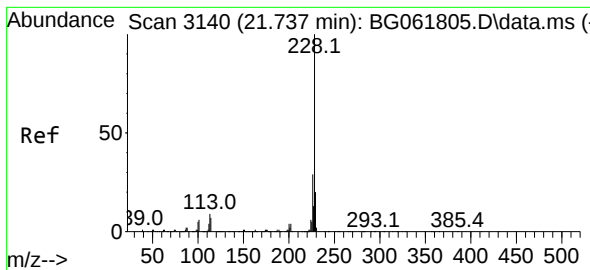
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.847 ng/ul
RT: 21.580 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

Tgt Ion:149 Resp: 48262
Ion Ratio Lower Upper
149 100
167 26.8 20.5 30.7
279 5.3 2.9 4.3#





#87

Chrysene

Concen: 10.212 ng/ul

RT: 21.739 min Scan# 3140

Delta R.T. 0.002 min

Lab File: BG061810.D

Acq: 1 Jul 2024 13:25

Instrument :

BNA_G

ClientSampleId :

A4C54

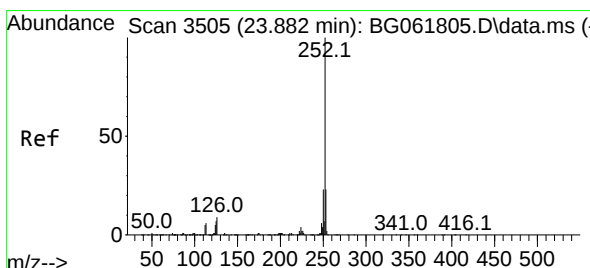
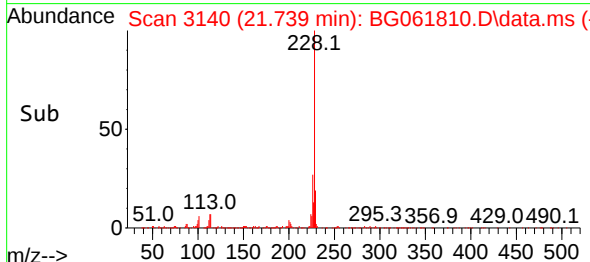
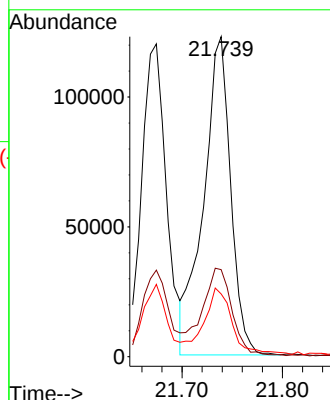
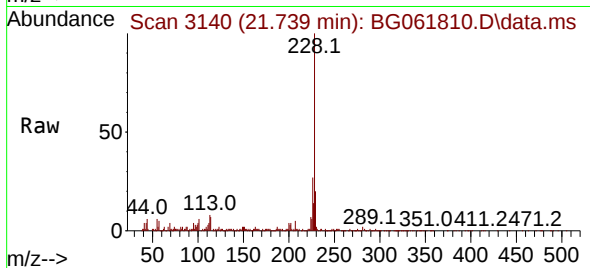
Tgt Ion:228 Resp: 230699

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.2	36.2
229	19.6	16.5	24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 13.415 ng/ul

RT: 23.889 min Scan# 3506

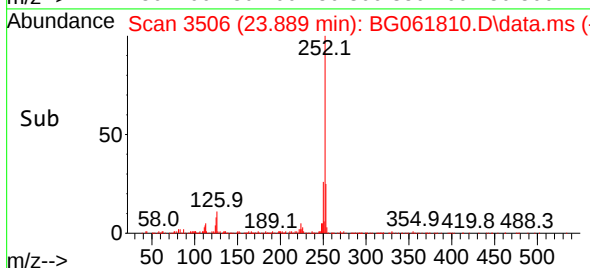
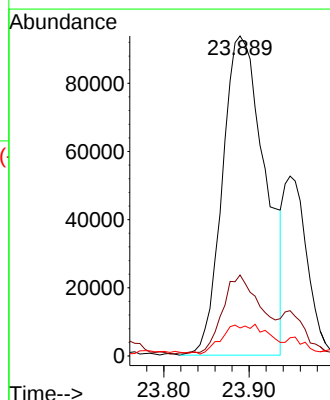
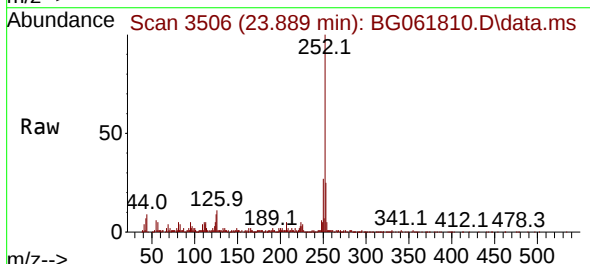
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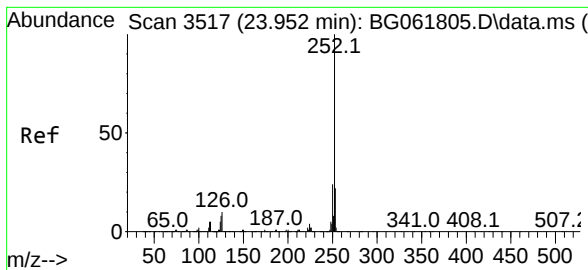
Lab File: BG061810.D

Acq: 1 Jul 2024 13:25

Tgt Ion:252 Resp: 324973

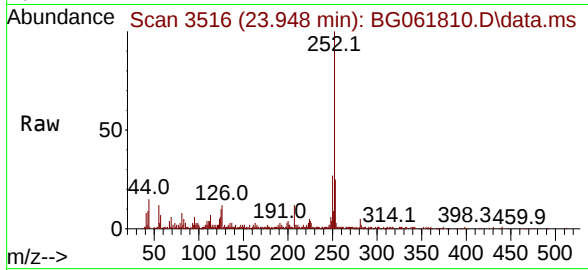
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	27.8
125	8.7	7.0	10.6





#91
Benzo(k)fluoranthene
Concen: 4.024 ng/ul m
RT: 23.948 min Scan# 3516
Delta R.T. -0.010 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

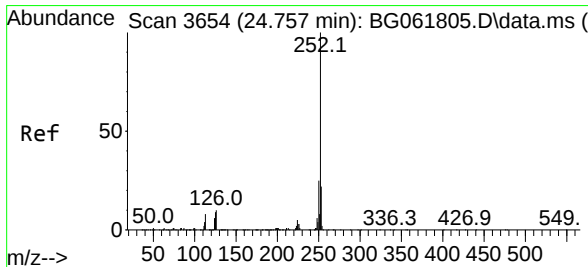
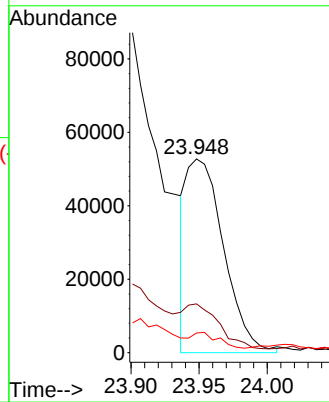
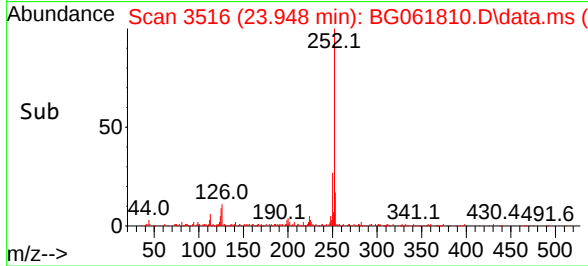
Instrument :
BNA_G
ClientSampleId :
A4C54



Tgt Ion:252 Resp: 10025
Ion Ratio Lower Upper
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253 25.2 17.8 26.6
125 10.1 6.2 9.2

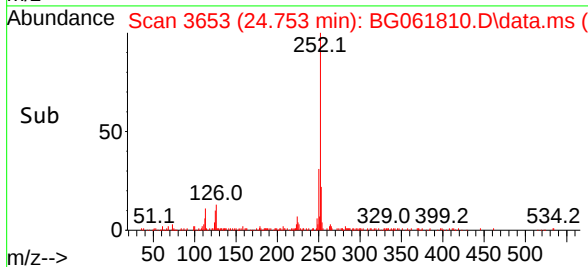
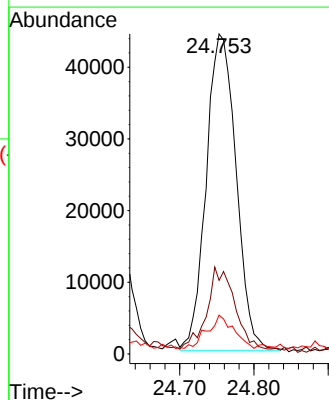
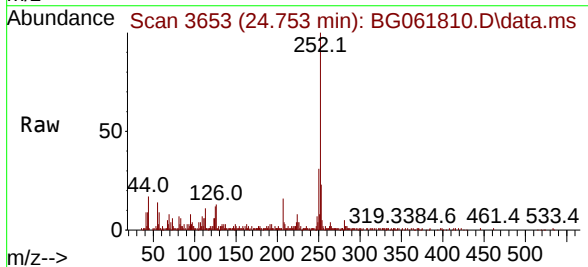
Manual Integrations
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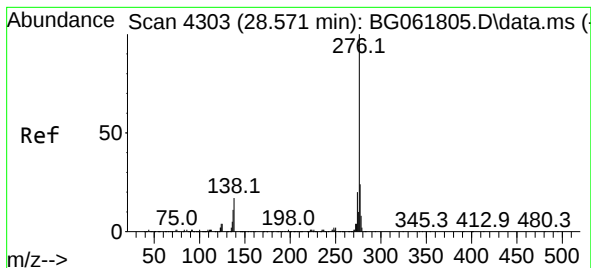
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93
Benzo(a)pyrene
Concen: 5.280 ng/ul
RT: 24.753 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BG061810.D
Acq: 1 Jul 2024 13:25

Tgt Ion:252 Resp: 123152
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 12.2 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.308 ng/ul

RT: 28.578 min Scan# 4303

Delta R.T. 0.013 min

Lab File: BG061810.D

Acq: 1 Jul 2024 13:25

Instrument :

BNA_G

ClientSampleId :

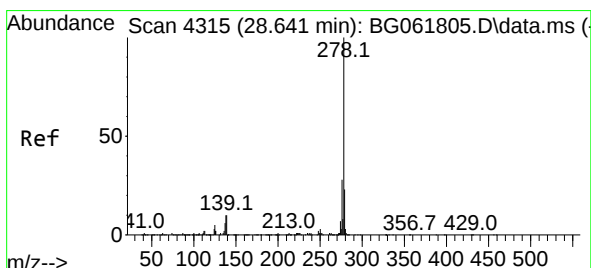
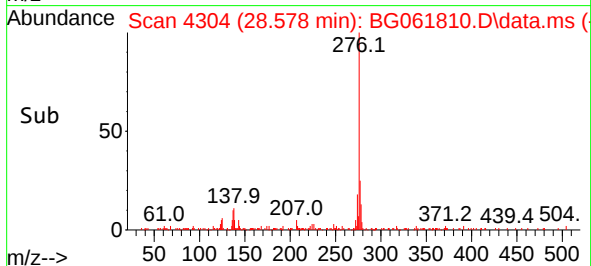
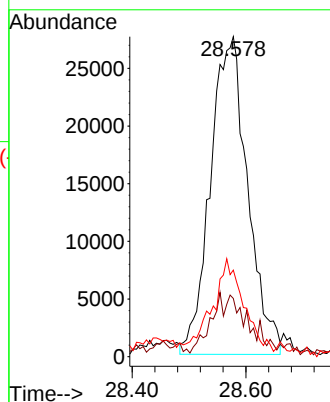
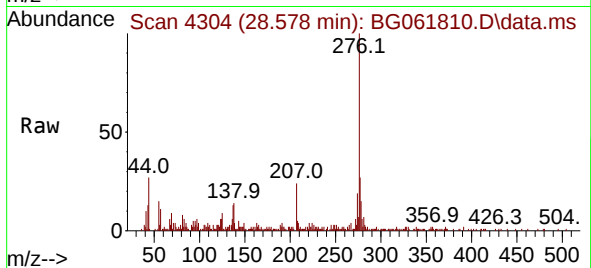
A4C54

Tgt Ion:	276	Resp:	125190
Ion Ratio	Lower	Upper	
276	100		
138	18.2	12.2	18.4
277	27.0	19.7	29.5

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.914 ng/ul m

RT: 28.619 min Scan# 4311

Delta R.T. -0.016 min

Lab File: BG061810.D

Acq: 1 Jul 2024 13:25

Tgt Ion:	278	Resp:	46253
Ion Ratio	Lower	Upper	
278	100		
139	6.0	9.1	13.7#
279	23.8	18.6	28.0

