

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057951.D
 Acq On : 3 Jul 2023 12:06
 Operator : CG/JU
 Sample : 03246-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ2

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 03:02:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	40566	20.000	ng/u1	0.00
20) Naphthalene-d8	10.737	136	193108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.568	164	140890	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.312	188	329222	20.000	ng/u1	0.00
79) Chrysene-d12	21.566	240	269830	20.000	ng/u1	0.00
88) Perylene-d12	24.727	264	331625	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4079	3.521	ng/uL	0.00
4) Pyridine-d5	3.781	84	52070	14.805	ng/u1	0.00
7) Phenol-d5	7.088	99	88169	21.282	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	55270	22.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	64797	22.678	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	60306	19.292	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	33897	21.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	35960	21.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	71588	22.560	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	51392	10.682	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	256490	23.073	ng/u1	0.00
49) Acenaphthylene-d8	14.262	160	294737	24.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	33350	16.981	ng/u1	0.00
60) Fluorene-d10	15.555	176	231380	24.509	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	34029	19.035	ng/u1	0.00
73) Anthracene-d10	17.406	188	367174	24.035	ng/u1	0.00
81) Pyrene-d10	19.697	212	432045	25.423	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.509	264	430342	25.471	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.784	128	16926	1.560	ng/u1	98
36) 2-Methylnaphthalene	12.394	142	18446	2.521	ng/u1	92
37) 1-Methylnaphthalene	12.611	142	12554	1.711	ng/u1	97
72) Phenanthrene	17.353	178	121541	7.258	ng/u1	99
80) Fluoranthene	19.362	202	312290	15.859	ng/u1	99
82) Pyrene	19.727	202	263256	13.281	ng/u1	98
85) Benzo(a)anthracene	21.548	228	183935	9.494	ng/u1	95
87) Chrysene	21.607	228	210160	11.571	ng/u1	93
90) Benzo(b)fluoranthene	23.722	252	318675	15.520	ng/u1	98
91) Benzo(k)fluoranthene	23.781	252	112036m	5.567	ng/u1	
93) Benzo(a)pyrene	24.574	252	189959	10.452	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	159787	6.621	ng/u1	100
95) Dibenzo(a,h)anthracene	28.352	278	46732m	2.348	ng/u1	
96) Benzo(g,h,i)perylene	29.451	276	143557	7.283	ng/u1	100

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

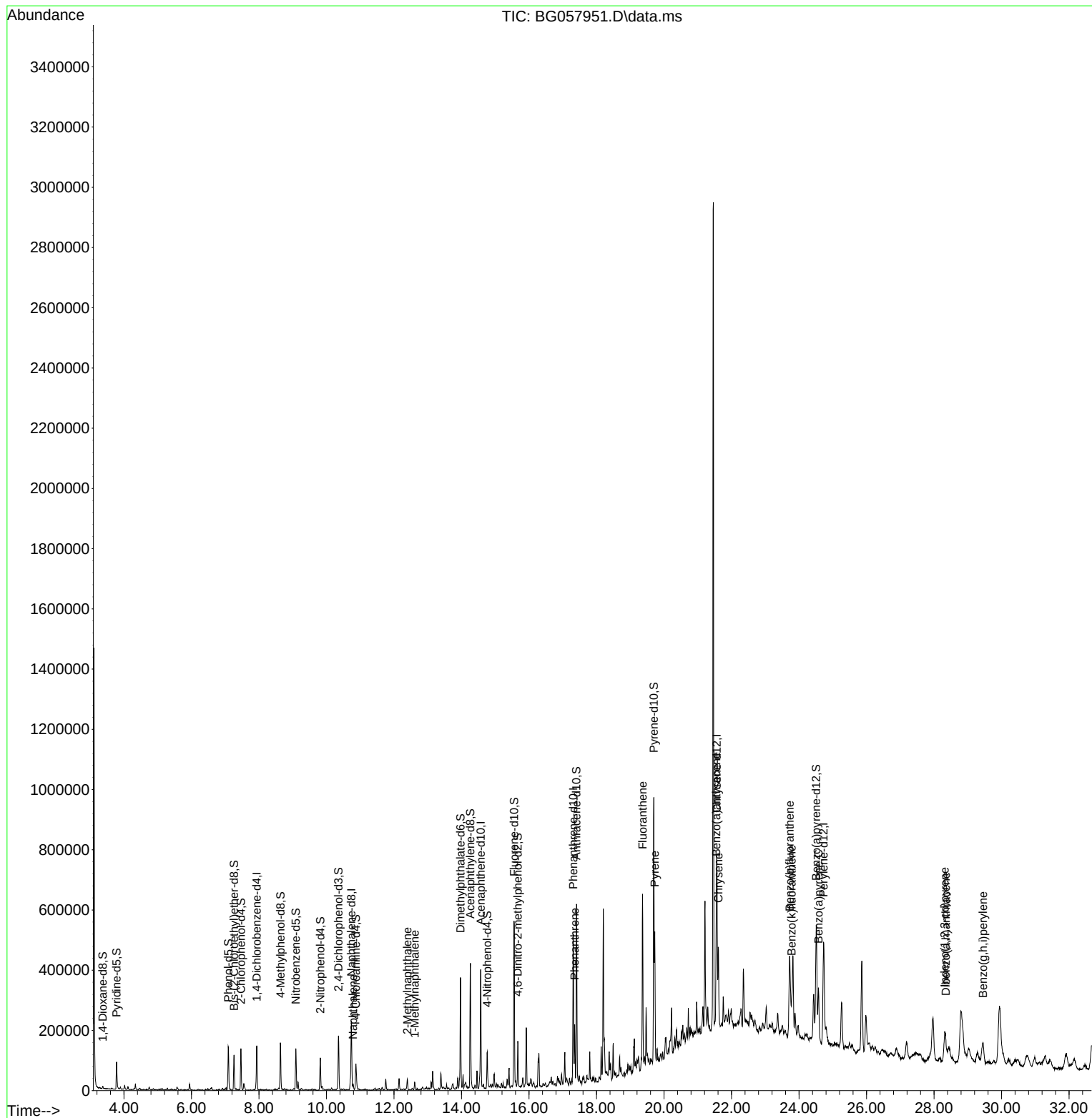
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057951.D
Acq On : 3 Jul 2023 12:06
Operator : CG/JU
Sample : 03246-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

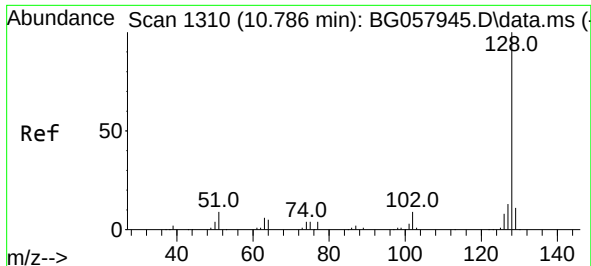
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 04 03:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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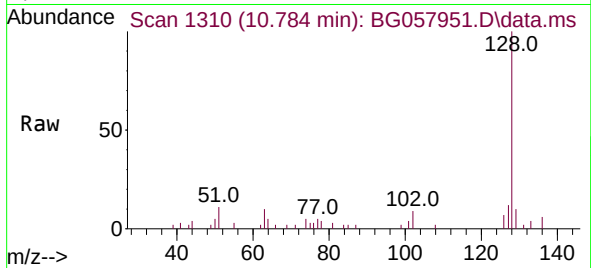
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023





#30
Naphthalene
Concen: 1.560 ng/ul
RT: 10.784 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

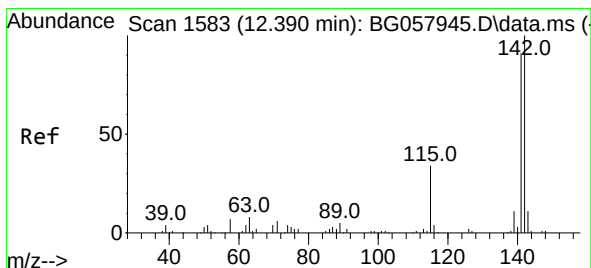
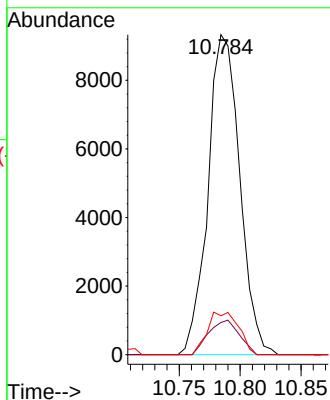
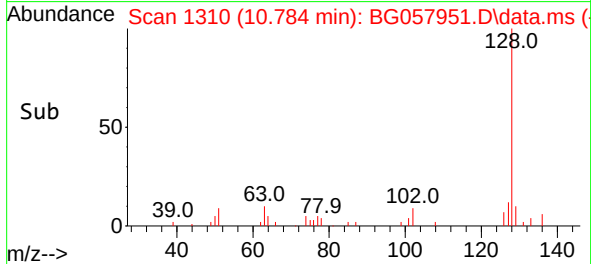
Instrument :
BNA_G
ClientSampleId :
DCGJ2



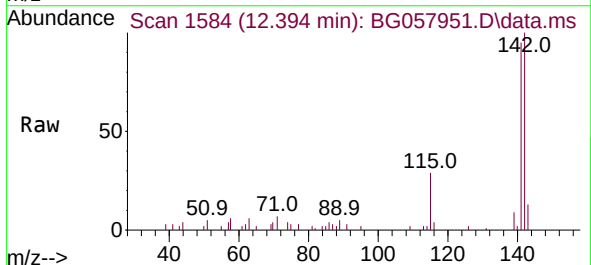
Tgt Ion:128 Resp: 16920
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 12.2 10.2 15.2

Manual Integrations
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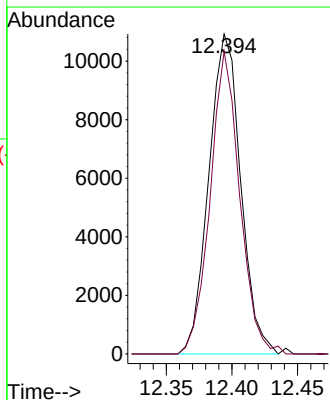
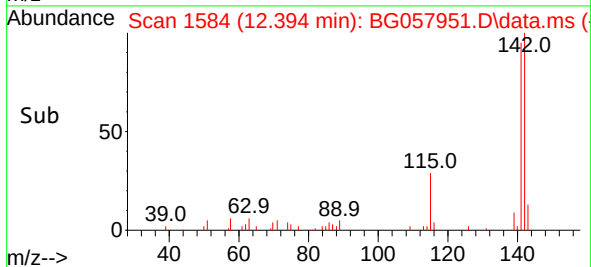
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

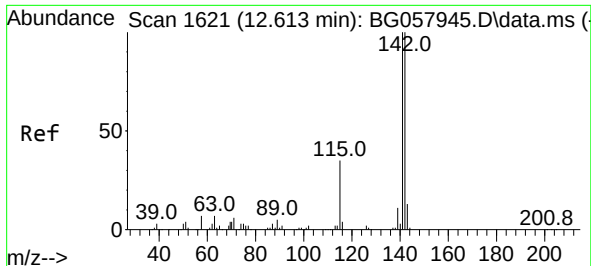


#36
2-Methylnaphthalene
Concen: 2.521 ng/ul
RT: 12.394 min Scan# 1584
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06



Tgt Ion:142 Resp: 18446
Ion Ratio Lower Upper
142 100
141 94.5 69.4 104.2





#37

1-Methylnaphthalene

Concen: 1.711 ng/ul

RT: 12.611 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

Instrument :

BNA_G

ClientSampleId :

DCGJ2

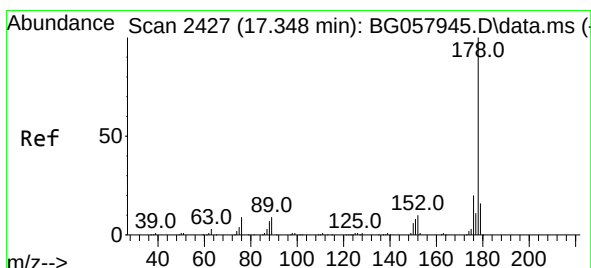
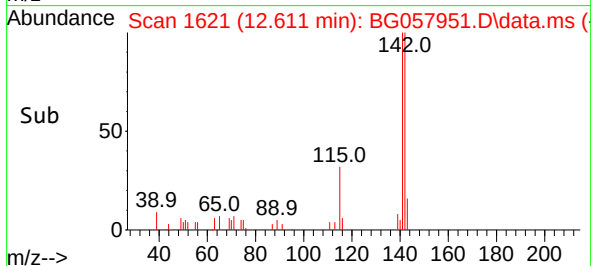
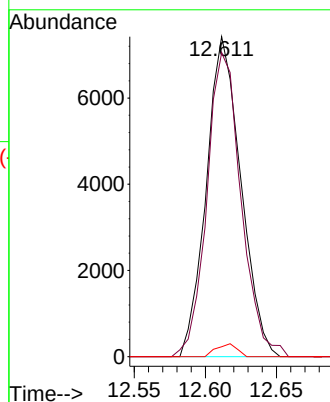
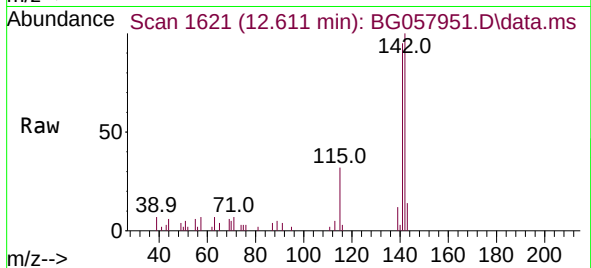
Tgt Ion:	142	Resp:	1255
Ion Ratio	Lower	Upper	
142	100		
141	95.0	73.8	110.8
116	3.1	3.0	4.4

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Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#72

Phenanthrene

Concen: 7.258 ng/ul

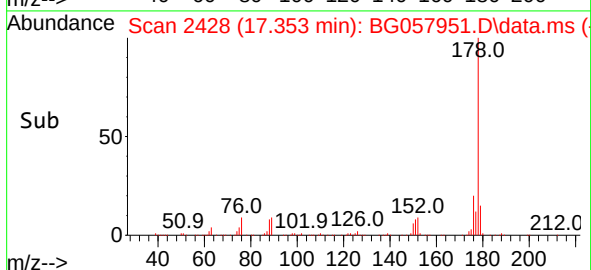
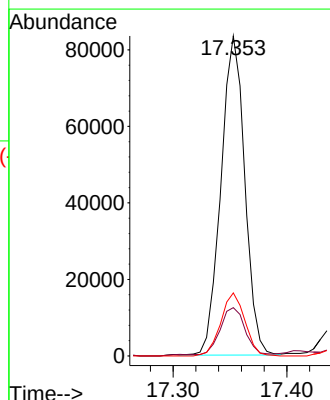
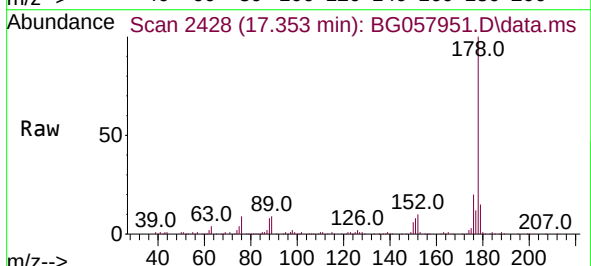
RT: 17.353 min Scan# 2428

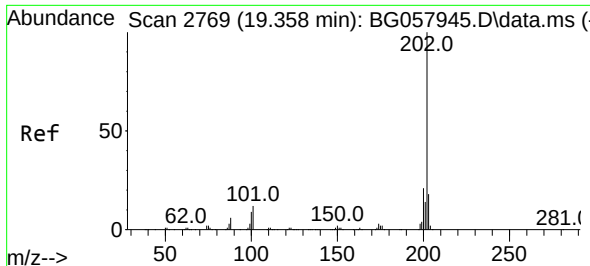
Delta R.T. 0.005 min

Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

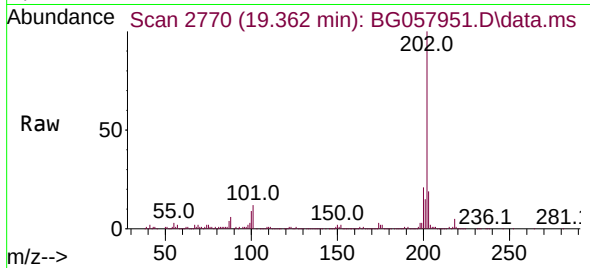
Tgt Ion:	178	Resp:	121541
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.8	19.2
176	19.7	15.7	23.5





#80
Fluoranthene
Concen: 15.859 ng/u1
RT: 19.362 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

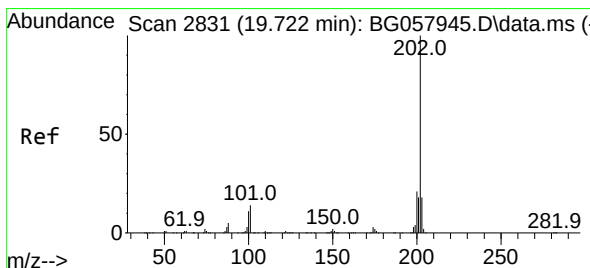
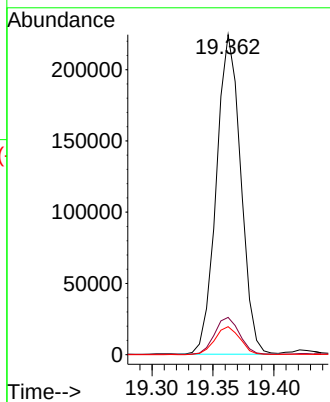
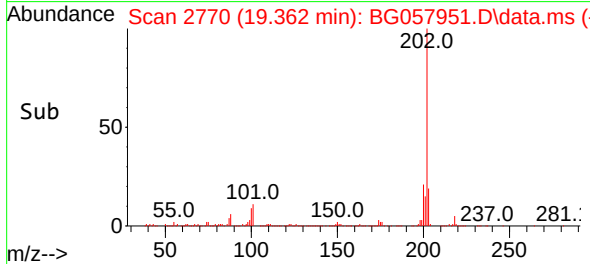
Instrument :
BNA_G
ClientSampleId :
DCGJ2



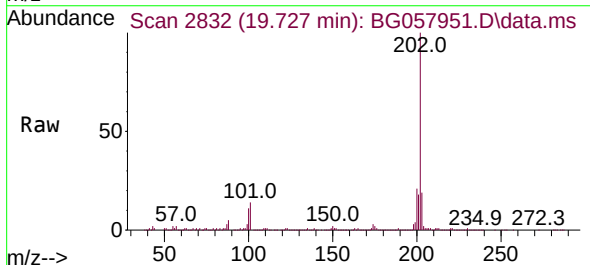
Tgt Ion:202 Resp: 312290
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 8.8 7.1 10.7

Manual Integrations
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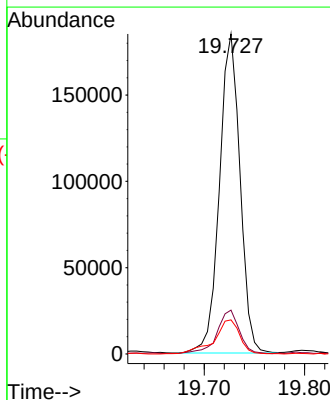
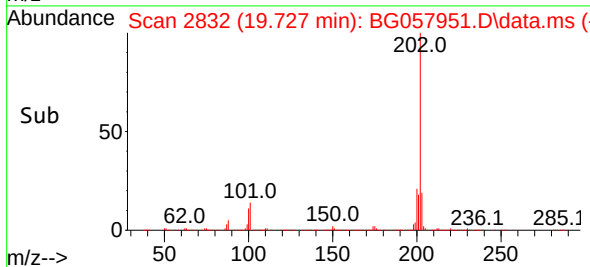
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

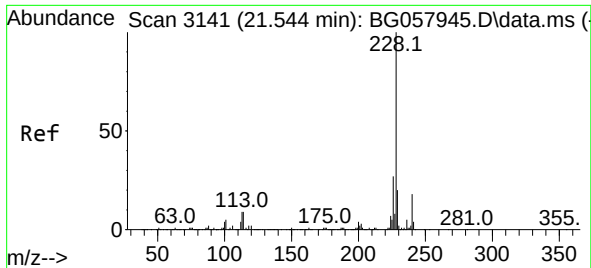


#82
Pyrene
Concen: 13.281 ng/u1
RT: 19.727 min Scan# 2832
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06



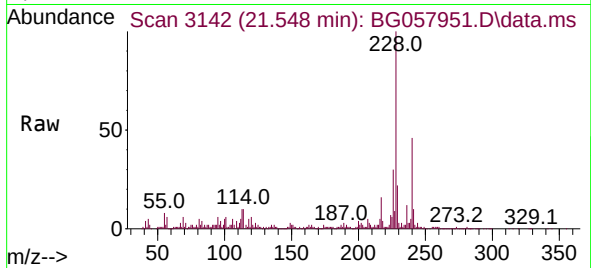
Tgt Ion:202 Resp: 263256
Ion Ratio Lower Upper
202 100
101 13.7 10.2 15.2
100 10.7 8.9 13.3





#85
Benzo(a)anthracene
Concen: 9.494 ng/u1
RT: 21.548 min Scan# 3141
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

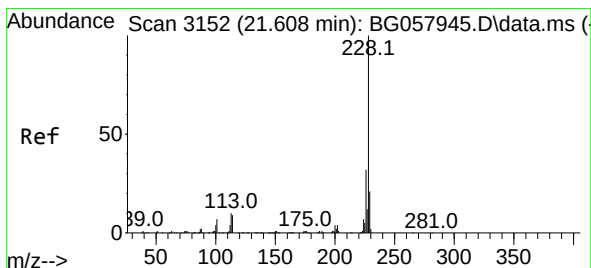
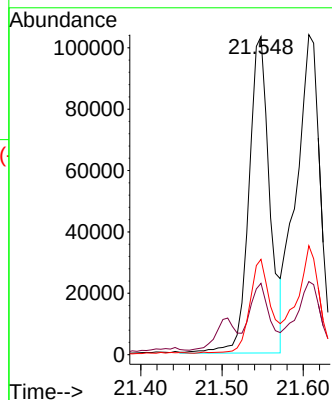
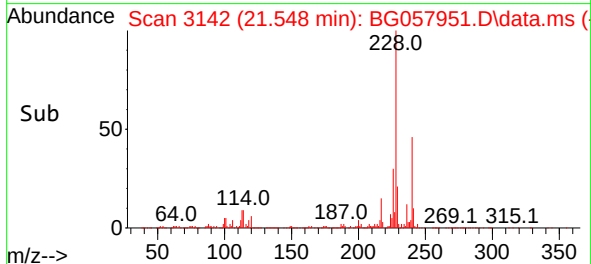
Instrument :
BNA_G
ClientSampleId :
DCGJ2



Tgt Ion:228 Resp: 183935
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 30.0 22.0 33.0

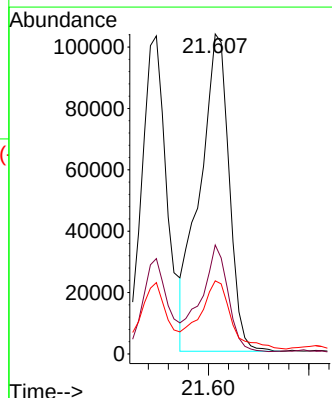
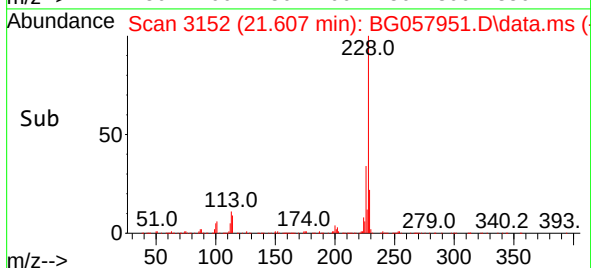
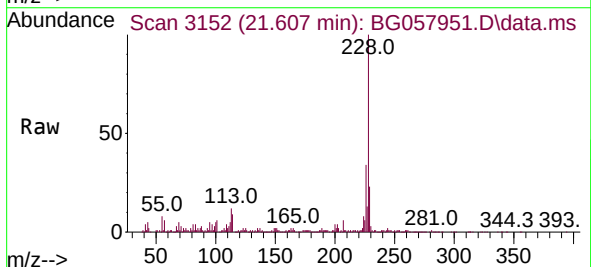
Manual Integrations
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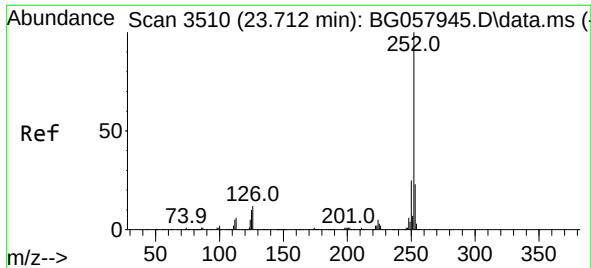
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#87
Chrysene
Concen: 11.571 ng/u1
RT: 21.607 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Tgt Ion:228 Resp: 210160
Ion Ratio Lower Upper
228 100
226 34.1 24.4 36.6
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 15.520 ng/ul
RT: 23.722 min Scan# 3510
Delta R.T. 0.011 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Instrument :

BNA_G

ClientSampleId :

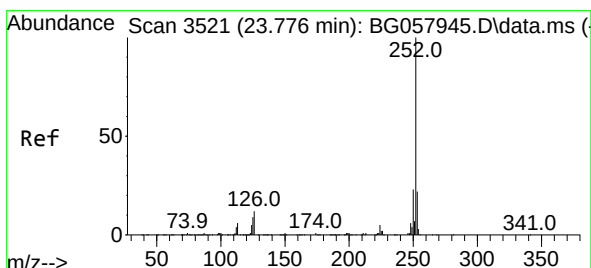
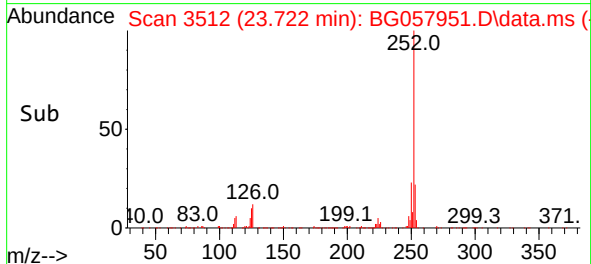
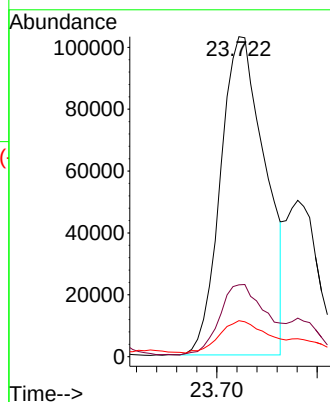
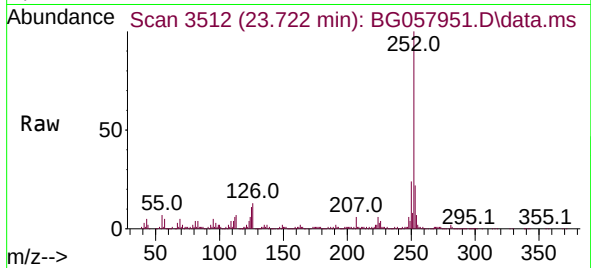
DCGJ2

Tgt Ion:252 Resp: 31867
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.3 7.5 11.3

Manual Integrations

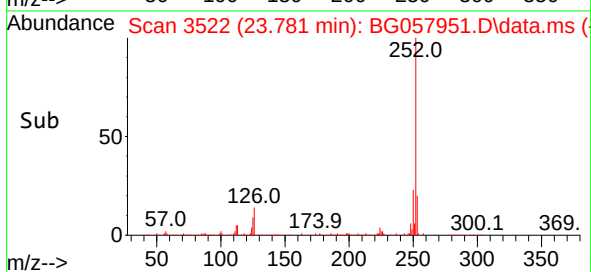
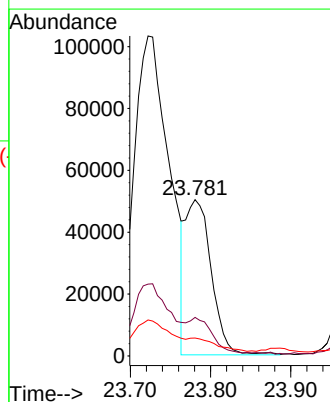
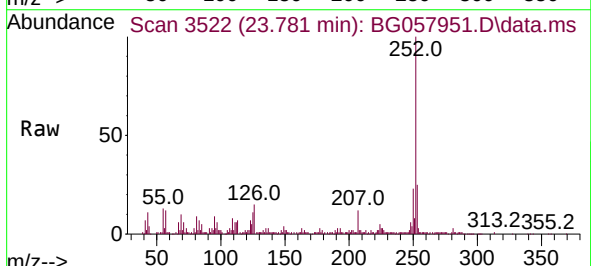
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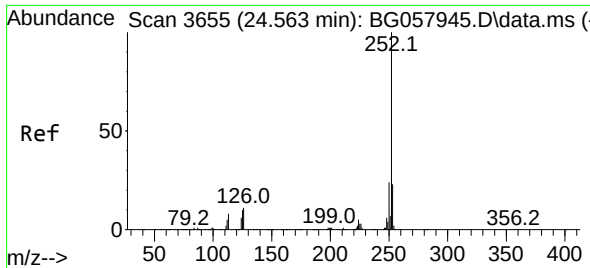
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#91
Benzo(k)fluoranthene
Concen: 5.567 ng/ul m
RT: 23.781 min Scan# 3522
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

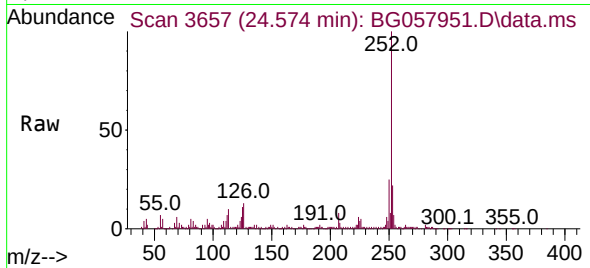
Tgt Ion:252 Resp: 112036
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 11.5 7.4 11.2#





#93
Benzo(a)pyrene
Concen: 10.452 ng/ul
RT: 24.574 min Scan# 3657
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

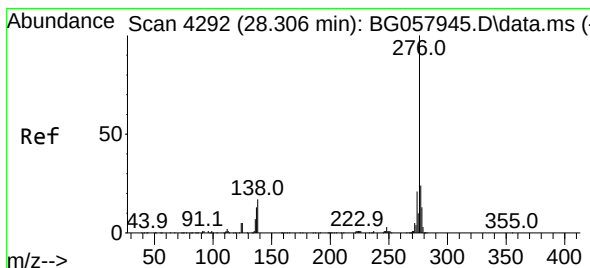
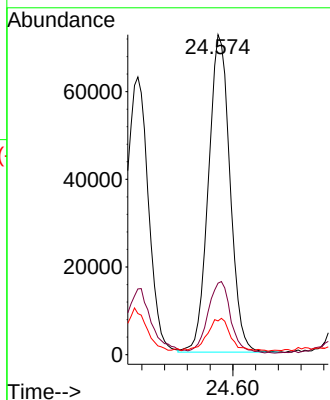
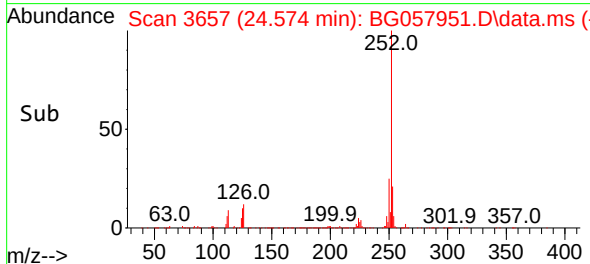
Instrument :
BNA_G
ClientSampleId :
DCGJ2



Tgt Ion:252 Resp: 189959
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.6 8.3 12.5

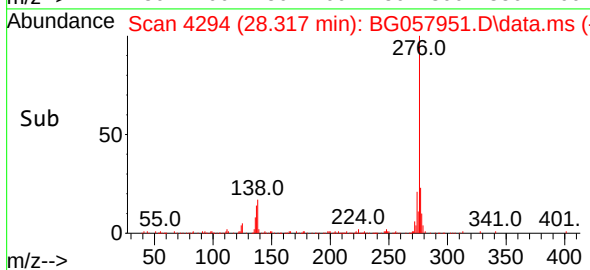
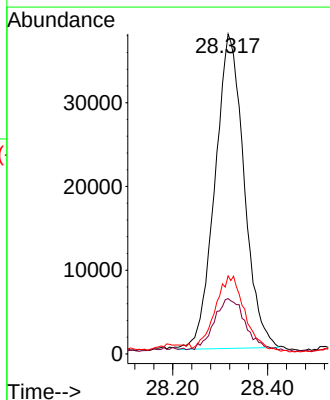
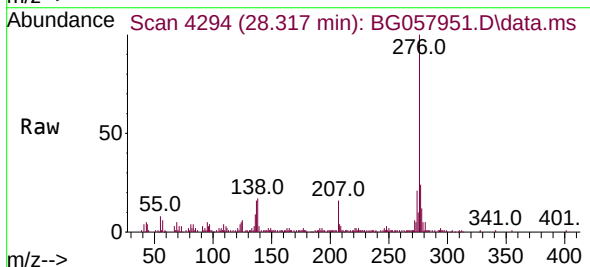
Manual Integrations
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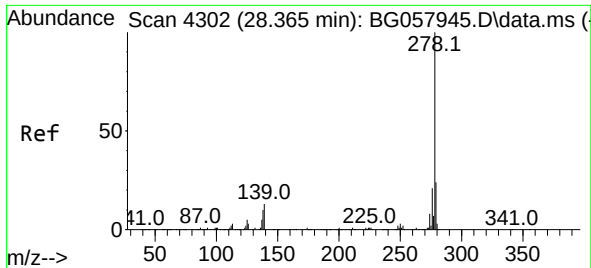
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.621 ng/ul
RT: 28.317 min Scan# 4294
Delta R.T. 0.011 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Tgt Ion:276 Resp: 159787
Ion Ratio Lower Upper
276 100
138 17.3 14.0 21.0
277 24.4 19.4 29.2





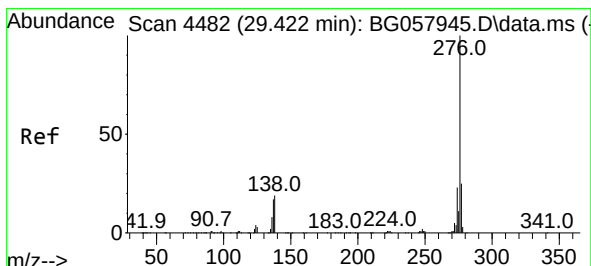
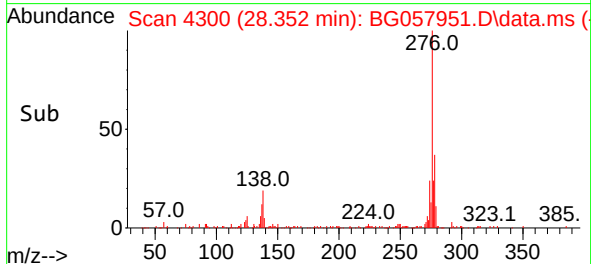
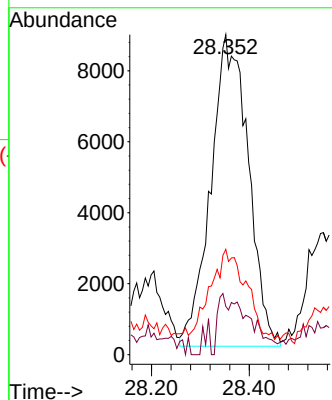
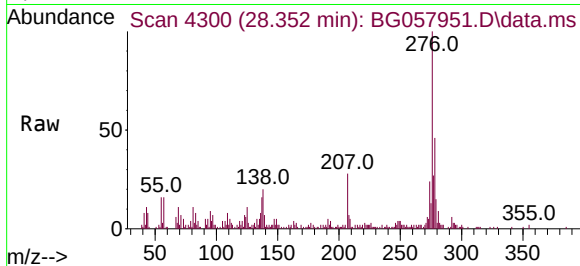
#95
Dibenzo(a,h)anthracene
Concen: 2.348 ng/ul m
RT: 28.352 min Scan# 4302
Delta R.T. -0.018 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Instrument :
BNA_G
ClientSampleId :
DCGJ2

Tgt Ion:278 Resp: 4673
Ion Ratio Lower Upper
278 100
139 15.1 11.3 16.9
279 32.9 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#96
Benzo(g,h,i)perylene
Concen: 7.283 ng/ul
RT: 29.451 min Scan# 4487
Delta R.T. 0.023 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Tgt Ion:276 Resp: 143557
Ion Ratio Lower Upper
276 100
138 17.8 14.2 21.2
277 23.2 18.6 27.8

