

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057273.D
 Acq On : 2 May 2023 10:58
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW924

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:30:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	17207	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	71497	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.992	164	50681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.735	188	106189	20.000	ng/u1	0.00
79) Chrysene-d12	22.047	240	93941	20.000	ng/u1	# 0.00
88) Perylene-d12	25.578	264	99034	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	517	1.322	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.520	99	17092	10.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.684	67	11042	11.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.907	132	12464	11.623	ng/u1	0.00
15) 4-Methylphenol-d8	9.076	113	12618	10.202	ng/u1	0.00
21) Nitrobenzene-d5	9.552	128	7248	12.730	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	7985	12.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	14713	11.477	ng/u1	0.00
31) 4-Chloroaniline-d4	11.350	131	5659	3.331	ng/u1	0.00
46) Dimethylphthalate-d6	14.375	166	53702	13.373	ng/u1	0.00
49) Acenaphthylene-d8	14.692	160	64161	14.215	ng/u1	0.00
54) 4-Nitrophenol-d4	15.186	143	2860	4.893	ng/u1	0.00
60) Fluorene-d10	15.979	176	49292	13.176	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	1931	3.069	ng/u1	0.00
73) Anthracene-d10	17.829	188	70878	14.623	ng/u1	0.00
81) Pyrene-d10	20.097	212	80907	14.510	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.331	264	73303	14.528	ng/u1	0.00
Target Compounds						
16) Acetophenone	9.212	105	2886	1.356	ng/u1	98
72) Phenanthrene	17.776	178	35029	6.335	ng/u1	99
74) Anthracene	17.865	178	7205	1.297	ng/u1	97
78) Di-n-butylphthalate	18.652	149	13003	2.450	ng/u1#	96
80) Fluoranthene	19.768	202	92532	13.970	ng/u1#	97
82) Pyrene	20.126	202	87679	13.076	ng/u1	98
83) Butylbenzylphthalate	20.978	149	12441	5.794	ng/u1	90
85) Benzo(a)anthracene	22.024	228	51794	7.796	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.871	149	118758	38.025	ng/u1	96
87) Chrysene	22.094	228	54220	8.650	ng/u1	96
89) Di-n-octyl phthalate	23.175	149	14627m	2.675	ng/u1	
90) Benzo(b)fluoranthene	24.450	252	75832	11.057	ng/u1#	90
91) Benzo(k)fluoranthene	24.509	252	33055m	4.954	ng/u1	
93) Benzo(a)pyrene	25.401	252	53438	9.026	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	29.637	276	43211m	5.838	ng/u1	
95) Dibenzo(a,h)anthracene	29.678	278	13032m	2.124	ng/u1	
96) Benzo(g,h,i)perylene	30.923	276	42041m	7.019	ng/u1	

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

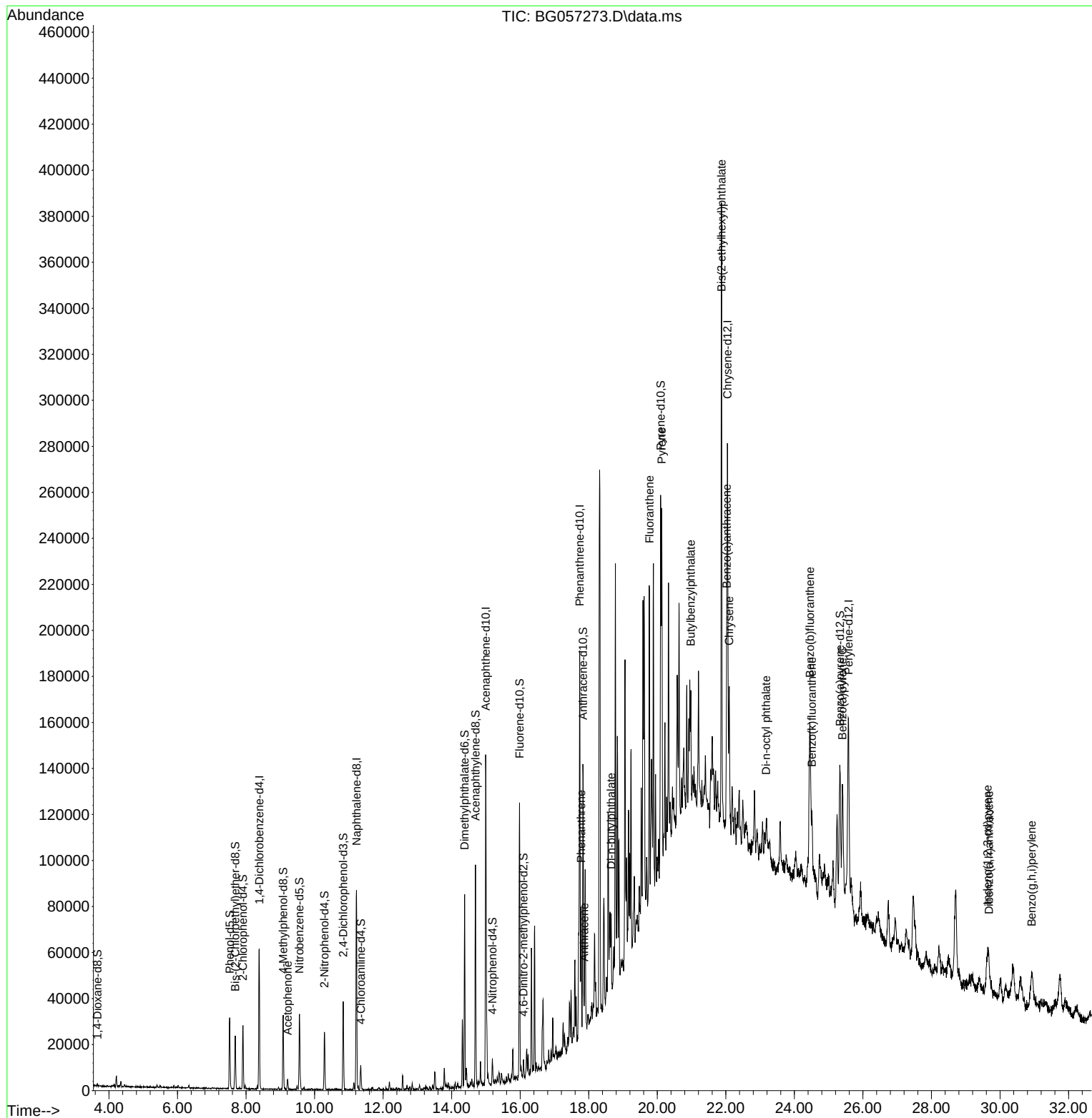
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 ALS Vial : 30 Sample Multiplier: 1

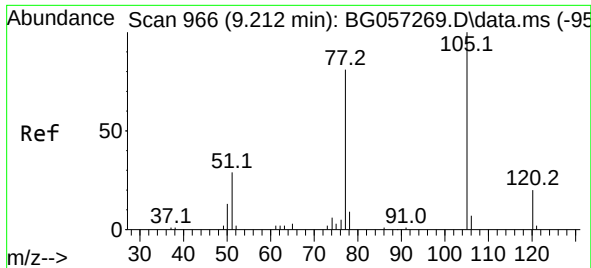
Instrument :
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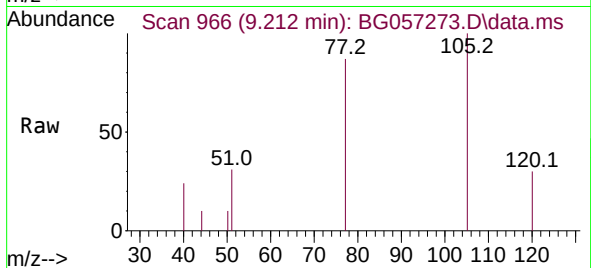
Quant Time: May 03 01:30:54 2023
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 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.356 ng/ul
RT: 9.212 min Scan# 966
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

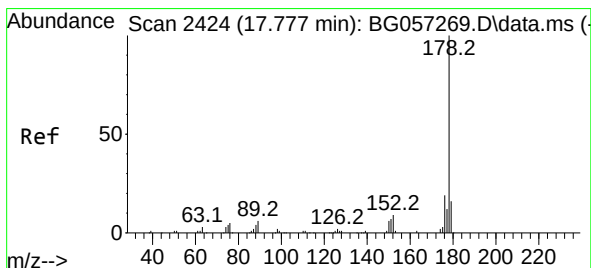
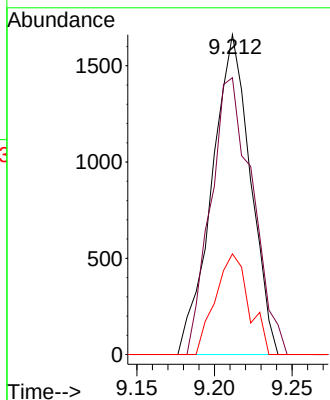
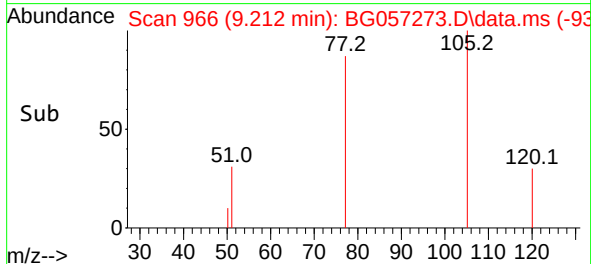
Instrument :
BNA_G
ClientSampleId :
EW924



Tgt Ion:	105	Resp:	2886
Ion Ratio	Lower	Upper	
105	100		
77	86.5	70.6	105.8
51	31.5	24.5	36.7

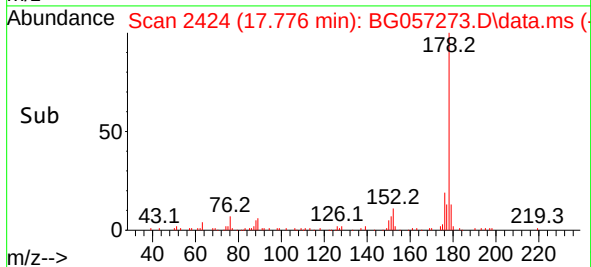
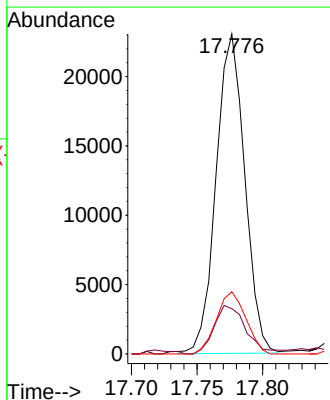
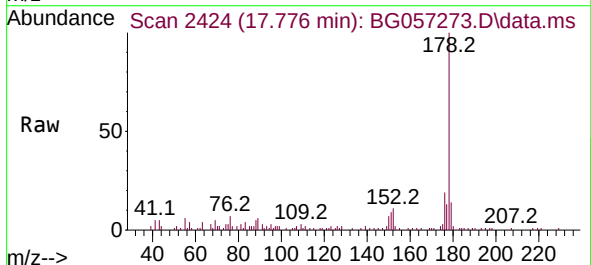
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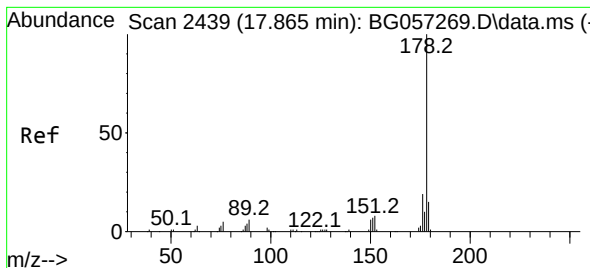
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#72
Phenanthrene
Concen: 6.335 ng/ul
RT: 17.776 min Scan# 2424
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:	178	Resp:	35029
Ion Ratio	Lower	Upper	
178	100		
179	14.1	11.8	17.8
176	19.4	15.4	23.0





#74

Anthracene

Concen: 1.297 ng/ul

RT: 17.865 min Scan# 2439

Delta R.T. -0.004 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :

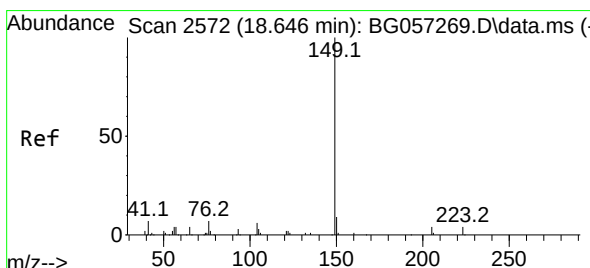
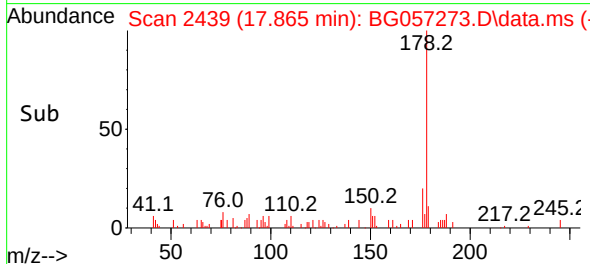
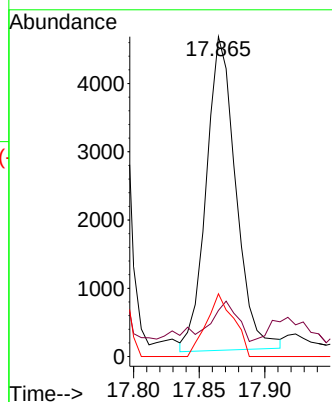
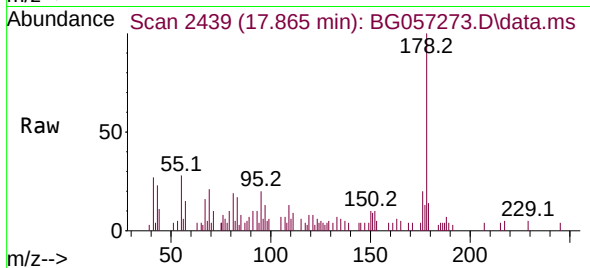
EW924

Tgt Ion:	178	Resp:	7205
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.5	18.7
176	19.6	14.7	22.1

Manual Integrations

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#78

Di-n-butylphthalate

Concen: 2.450 ng/ul

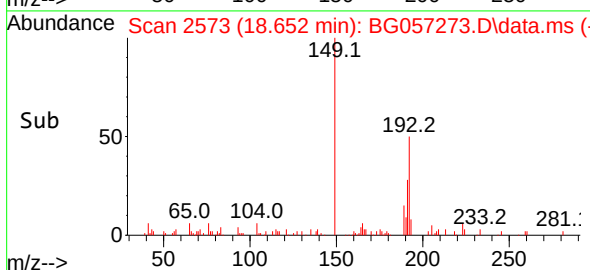
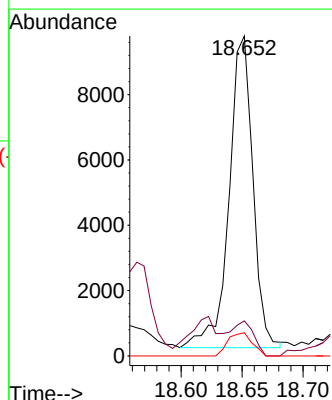
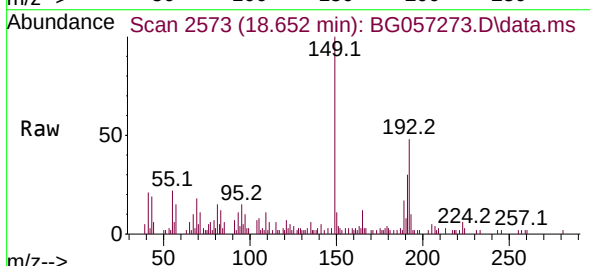
RT: 18.652 min Scan# 2573

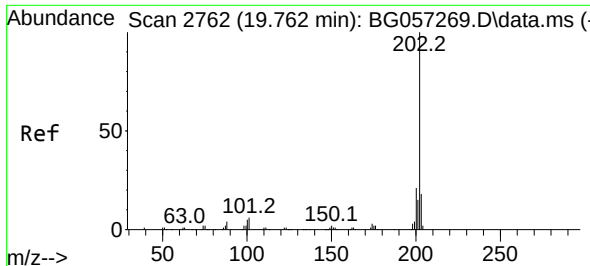
Delta R.T. 0.002 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

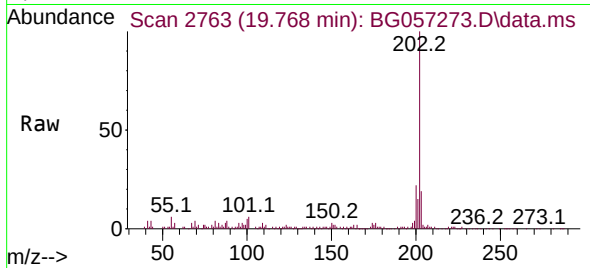
Tgt Ion:	149	Resp:	13003
Ion Ratio	Lower	Upper	
149	100		
150	11.0	7.3	10.9
104	7.2	5.0	7.6





#80
Fluoranthene
Concen: 13.970 ng/ul
RT: 19.768 min Scan# 2763
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

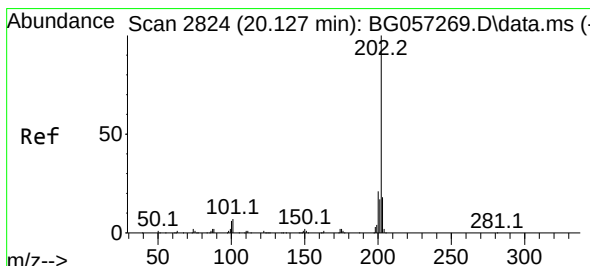
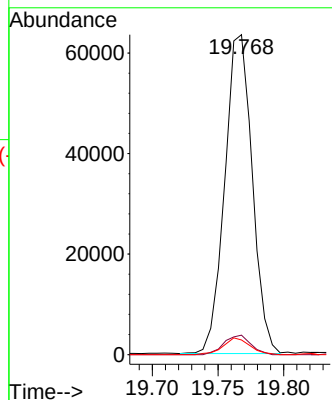
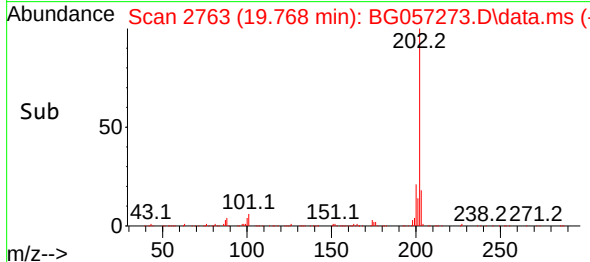
Instrument :
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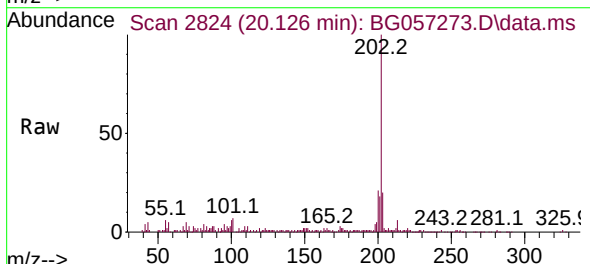
Tgt Ion:202 Resp: 92532
Ion Ratio Lower Upper
202 100
101 6.1 5.8 8.6
100 4.6 4.6 7.0

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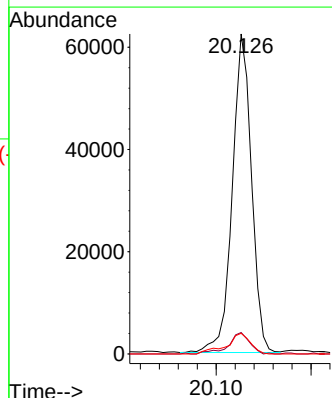
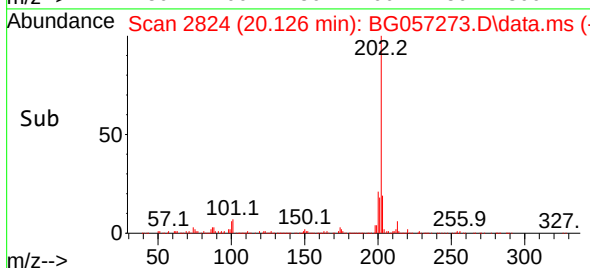
Reviewed By :Christian Giraldo 05/03/2023
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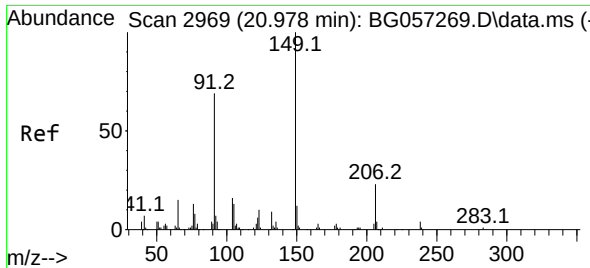


#82
Pyrene
Concen: 13.076 ng/ul
RT: 20.126 min Scan# 2824
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58



Tgt Ion:202 Resp: 87679
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 6.4 6.0 9.0





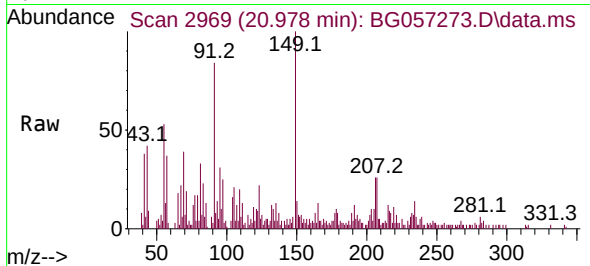
#83
Butylbenzylphthalate
Concen: 5.794 ng/ul
RT: 20.978 min Scan# 2969
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :

EW924

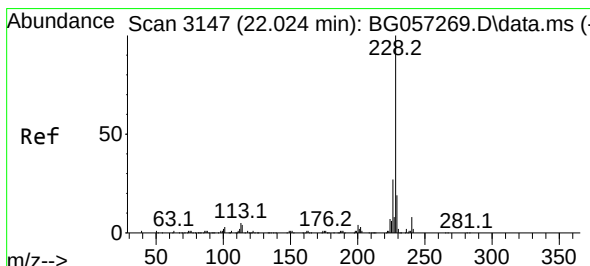
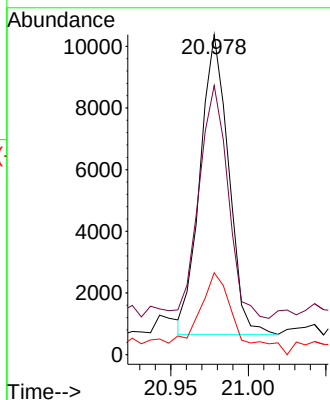
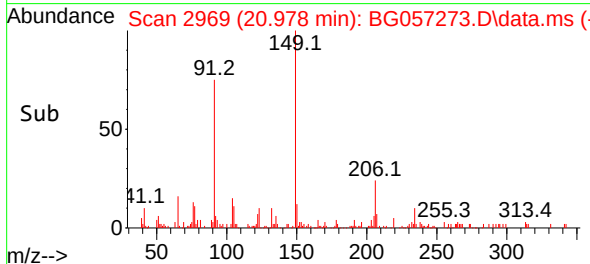


Tgt Ion:149 Resp: 12441
Ion Ratio Lower Upper
149 100
91 84.1 58.6 87.8
206 25.6 19.8 29.8

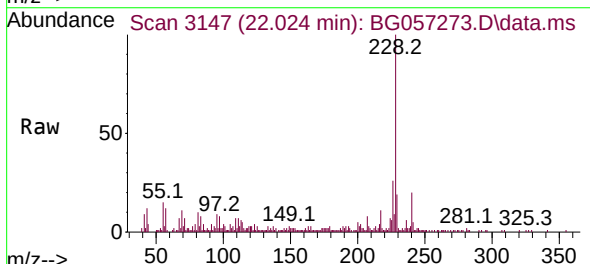
Manual Integrations

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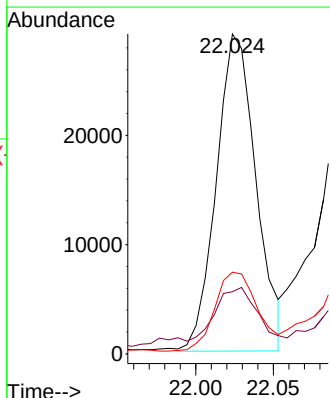
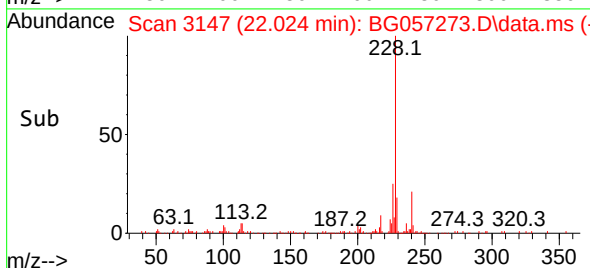
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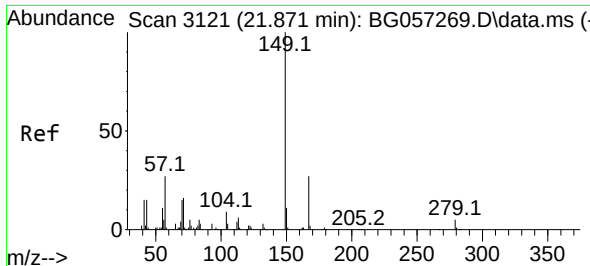


#85
Benzo(a)anthracene
Concen: 7.796 ng/ul
RT: 22.024 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58



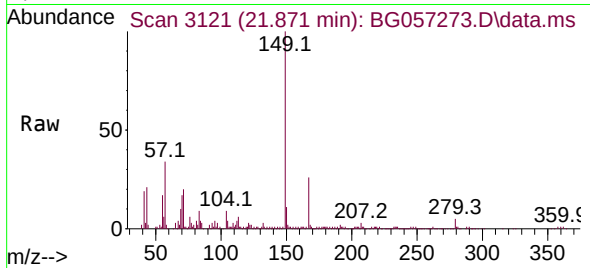
Tgt Ion:228 Resp: 51794
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 25.5 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 38.025 ng/ul
RT: 21.871 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

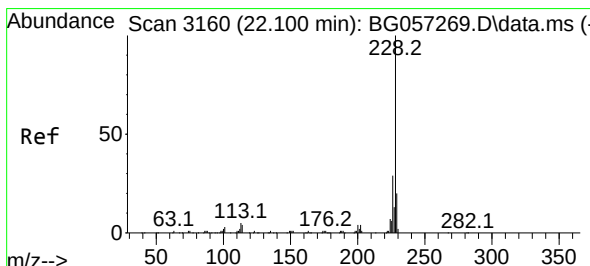
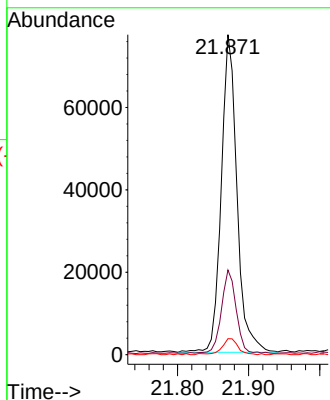
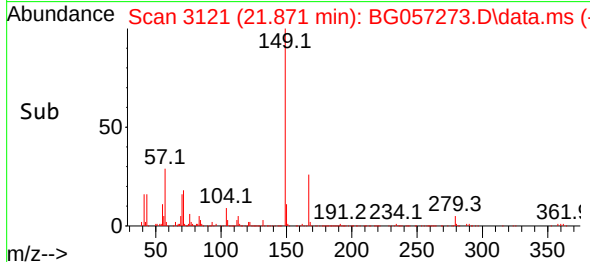
Instrument :
BNA_G
ClientSampleId :
EW924



Tgt Ion:149 Resp: 118758
Ion Ratio Lower Upper
149 100
167 26.4 23.0 34.6
279 5.0 3.6 5.4

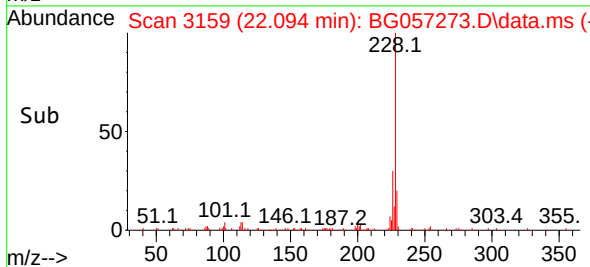
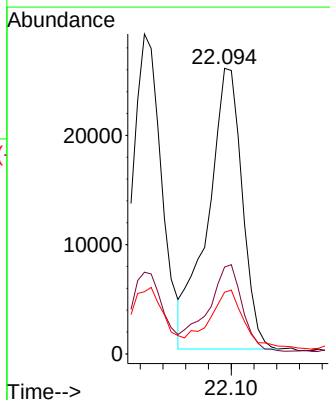
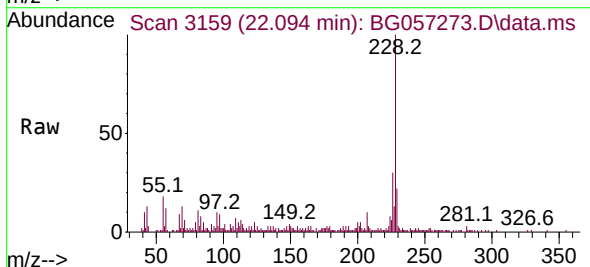
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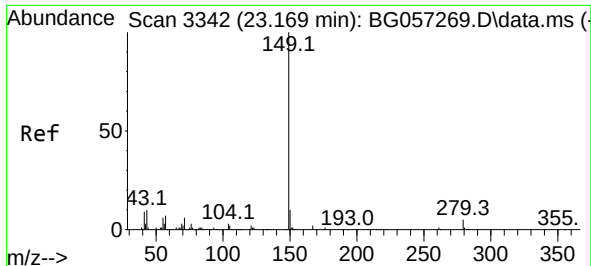
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#87
Chrysene
Concen: 8.650 ng/ul
RT: 22.094 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:228 Resp: 54220
Ion Ratio Lower Upper
228 100
226 30.4 22.8 34.2
229 21.6 15.5 23.3





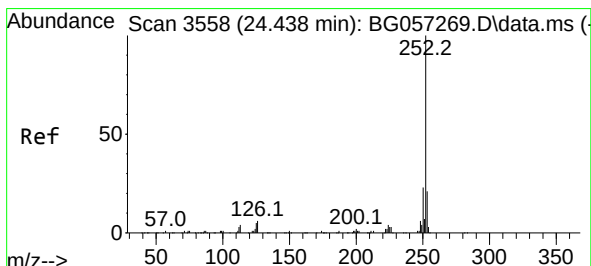
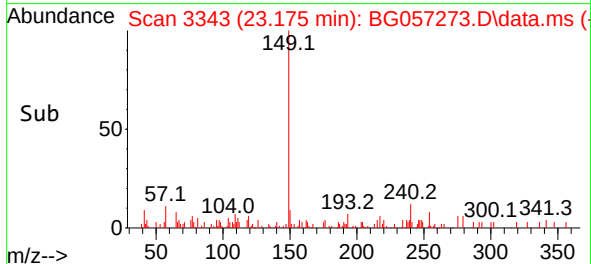
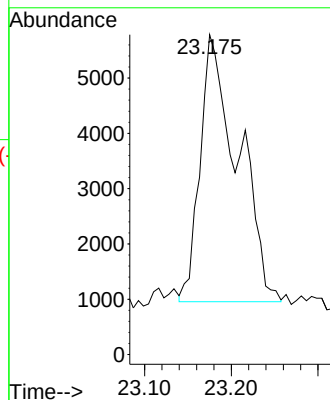
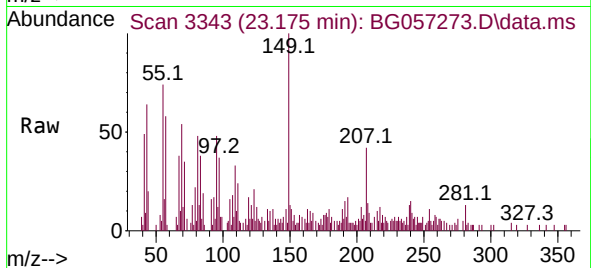
#89
Di-n-octyl phthalate
Concen: 2.675 ng/ul m
RT: 23.175 min Scan# 3342
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Instrument :
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ClientSampleId :
EW924

Tgt Ion:149 Resp: 1462

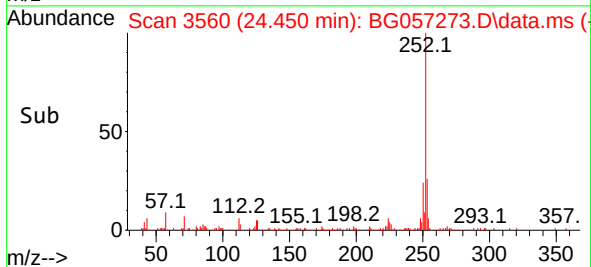
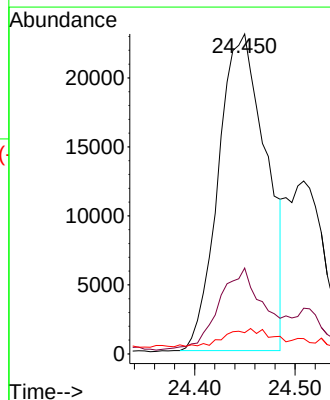
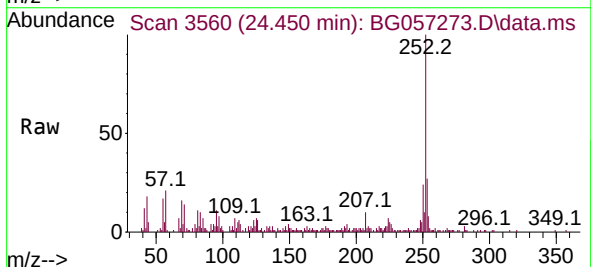
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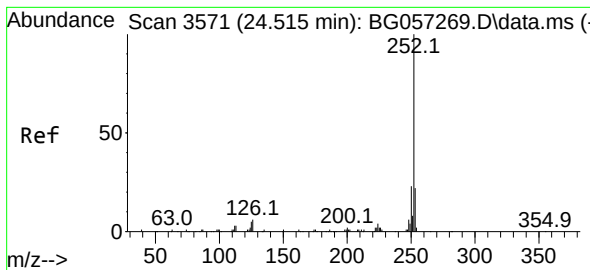
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#90
Benzo(b)fluoranthene
Concen: 11.057 ng/ul
RT: 24.450 min Scan# 3560
Delta R.T. 0.014 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:252 Resp: 75832
Ion Ratio Lower Upper
252 100
253 26.8 16.7 25.1#
125 6.6 4.8 7.2





#91

Benzo(k)fluoranthene

Concen: 4.954 ng/ul m

RT: 24.509 min Scan# 3571

Delta R.T. -0.004 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :

EW924

Tgt Ion:252 Resp: 33055

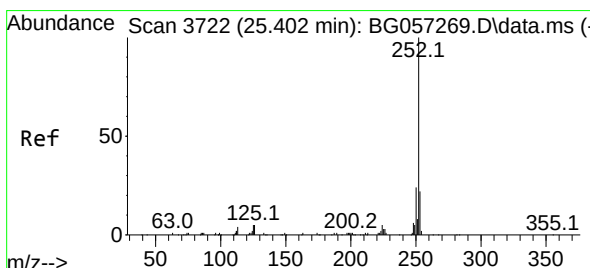
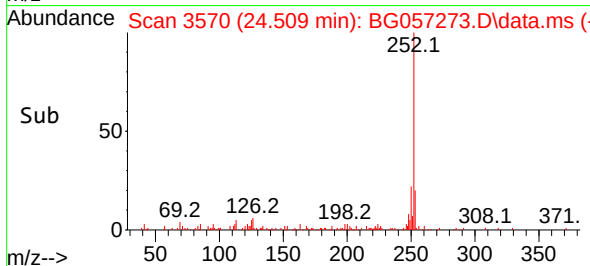
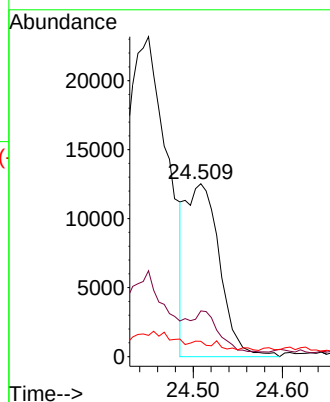
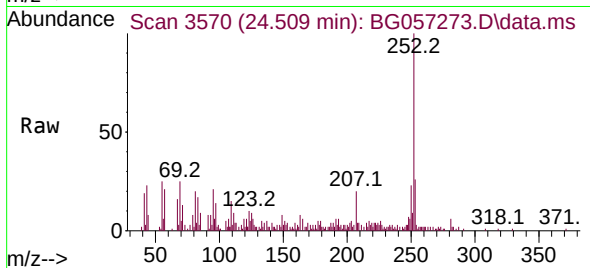
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	8.8	4.5	6.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#93

Benzo(a)pyrene

Concen: 9.026 ng/ul

RT: 25.401 min Scan# 3722

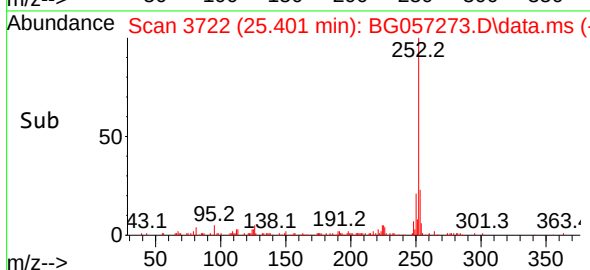
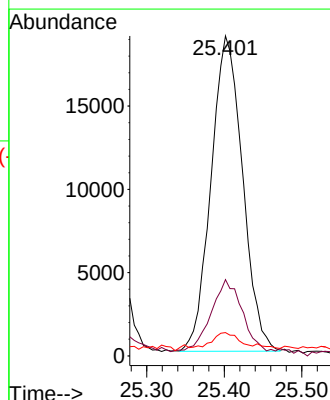
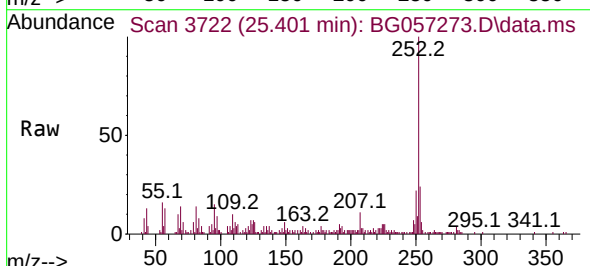
Delta R.T. 0.002 min

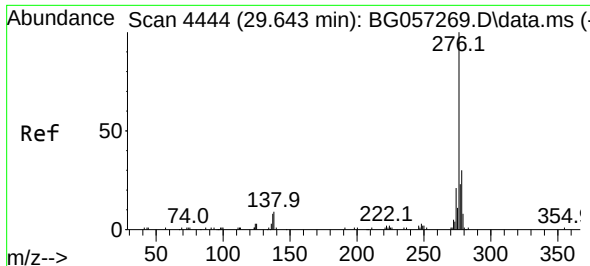
Lab File: BG057273.D

Acq: 2 May 2023 10:58

Tgt Ion:252 Resp: 53438

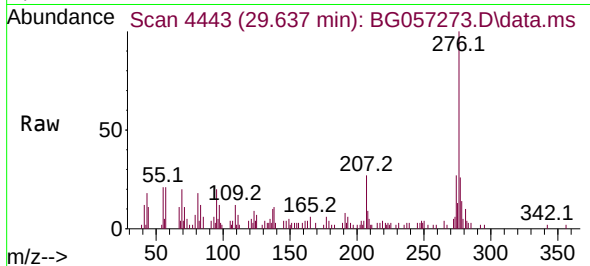
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	7.3	5.1	7.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.838 ng/ul m
 RT: 29.637 min Scan# 4443
 Delta R.T. 0.014 min
 Lab File: BG057273.D
 Acq: 2 May 2023 10:58

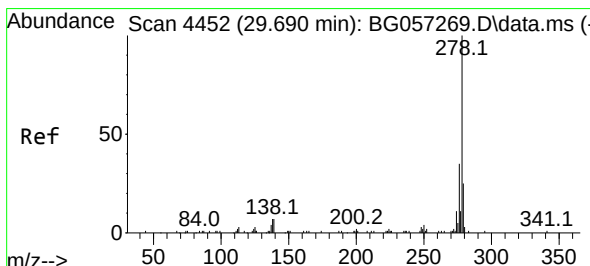
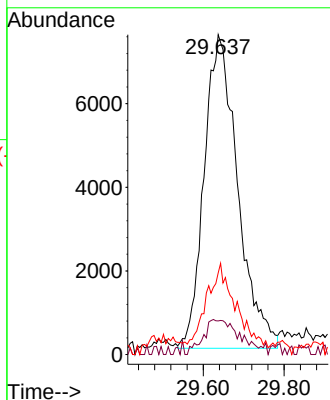
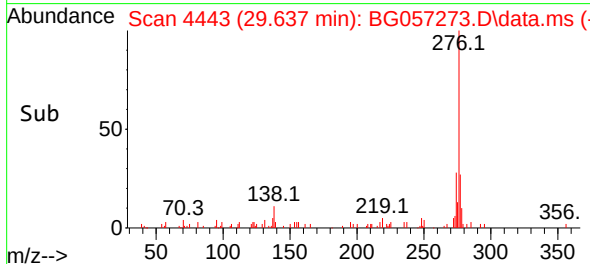
Instrument :
 BNA_G
 ClientSampleId :
 EW924



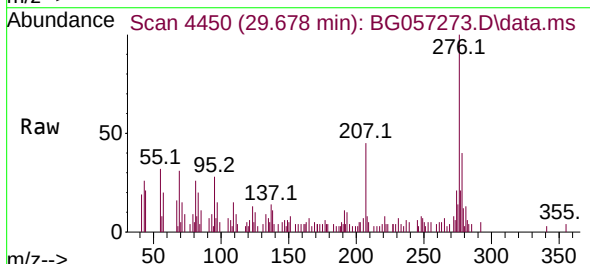
Tgt Ion:276 Resp: 43211
 Ion Ratio Lower Upper
 276 100
 138 10.5 9.4 14.2
 277 25.5 18.6 28.0

Manual Integrations
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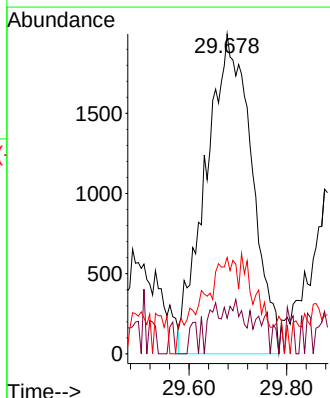
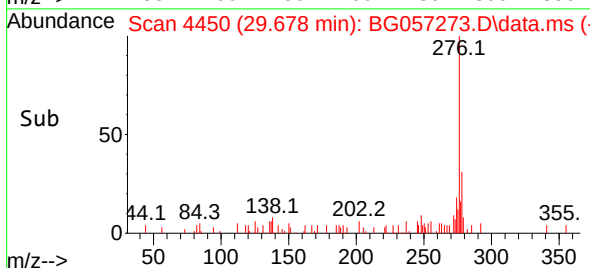
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

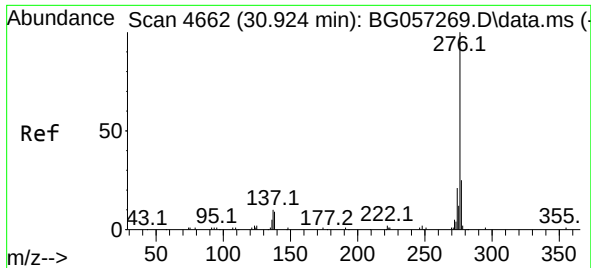


#95
 Dibenzo(a,h)anthracene
 Concen: 2.124 ng/ul m
 RT: 29.678 min Scan# 4450
 Delta R.T. -0.015 min
 Lab File: BG057273.D
 Acq: 2 May 2023 10:58



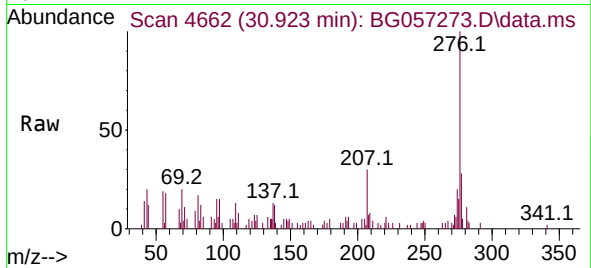
Tgt Ion:278 Resp: 13032
 Ion Ratio Lower Upper
 278 100
 139 11.1 5.8 8.6#
 279 30.1 18.3 27.5#





#96
 Benzo(g,h,i)perylene
 Concen: 7.019 ng/ul m
 RT: 30.923 min Scan# 4662
 Delta R.T. 0.014 min
 Lab File: BG057273.D
 Acq: 2 May 2023 10:58

Instrument :
 BNA_G
 ClientSampleId :
 EW924



Tgt Ion:276 Resp: 4204
 Ion Ratio Lower Upper
 276 100
 138 12.1 8.7 13.1
 277 27.7 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

