

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057301.D
 Acq On : 4 May 2023 13:17
 Operator : CG/JU
 Sample : 02419-26DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923DL

Manual Integrations
 APPROVED

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

Quant Time: May 05 02:14:07 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	8.375	152	12023	20.000	ng/u1	0.00
20) Naphthalene-d8	11.212	136	52657	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.990	164	48872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	129943	20.000	ng/u1	0.00
79) Chrysene-d12	22.045	240	111053	20.000	ng/u1	0.00
88) Perylene-d12	25.564	264	116589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.517	99	1174	1.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	643	0.961	ng/u1	0.00
11) 2-Chlorophenol-d4	7.905	132	788	1.052	ng/u1	0.00
15) 4-Methylphenol-d8	9.086	113	867	1.003	ng/u1	0.00
21) Nitrobenzene-d5	9.556	128	376	0.897	ng/u1	0.00
24) 2-Nitrophenol-d4	10.278	143	439	0.897	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.836	165	964	1.021	ng/u1	0.00
31) 4-Chloroaniline-d4	11.348	131	384	0.307	ng/u1	0.00
46) Dimethylphthalate-d6	14.373	166	5169	1.335	ng/u1	0.00
49) Acenaphthylene-d8	14.684	160	5172	1.188	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.971	176	4877	1.352	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.827	188	8647	1.458	ng/u1	0.00
81) Pyrene-d10	20.095	212	9901	1.502	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.317	264	9373	1.578	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.768	178	85224	12.594	ng/u1	98
74) Anthracene	17.862	178	19991	2.941	ng/u1	99
80) Fluoranthene	19.760	202	277234	35.406	ng/u1#	96
82) Pyrene	20.124	202	236310	29.811	ng/u1#	97
83) Butylbenzylphthalate	20.970	149	41809	16.470	ng/u1	98
85) Benzo(a)anthracene	22.021	228	144748	18.429	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.863	149	106227	28.772	ng/u1	95
87) Chrysene	22.092	228	136232	18.384	ng/u1	97
90) Benzo(b)fluoranthene	24.442	252	177862	22.030	ng/u1	95
91) Benzo(k)fluoranthene	24.500	252	63339m	8.064	ng/u1	
93) Benzo(a)pyrene	25.399	252	112786	16.181	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	29.623	276	79479	9.122	ng/u1#	97
95) Dibenzo(a,h)anthracene	29.676	278	25699m	3.557	ng/u1	
96) Benzo(g,h,i)perylene	30.892	276	66350m	9.409	ng/u1	

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

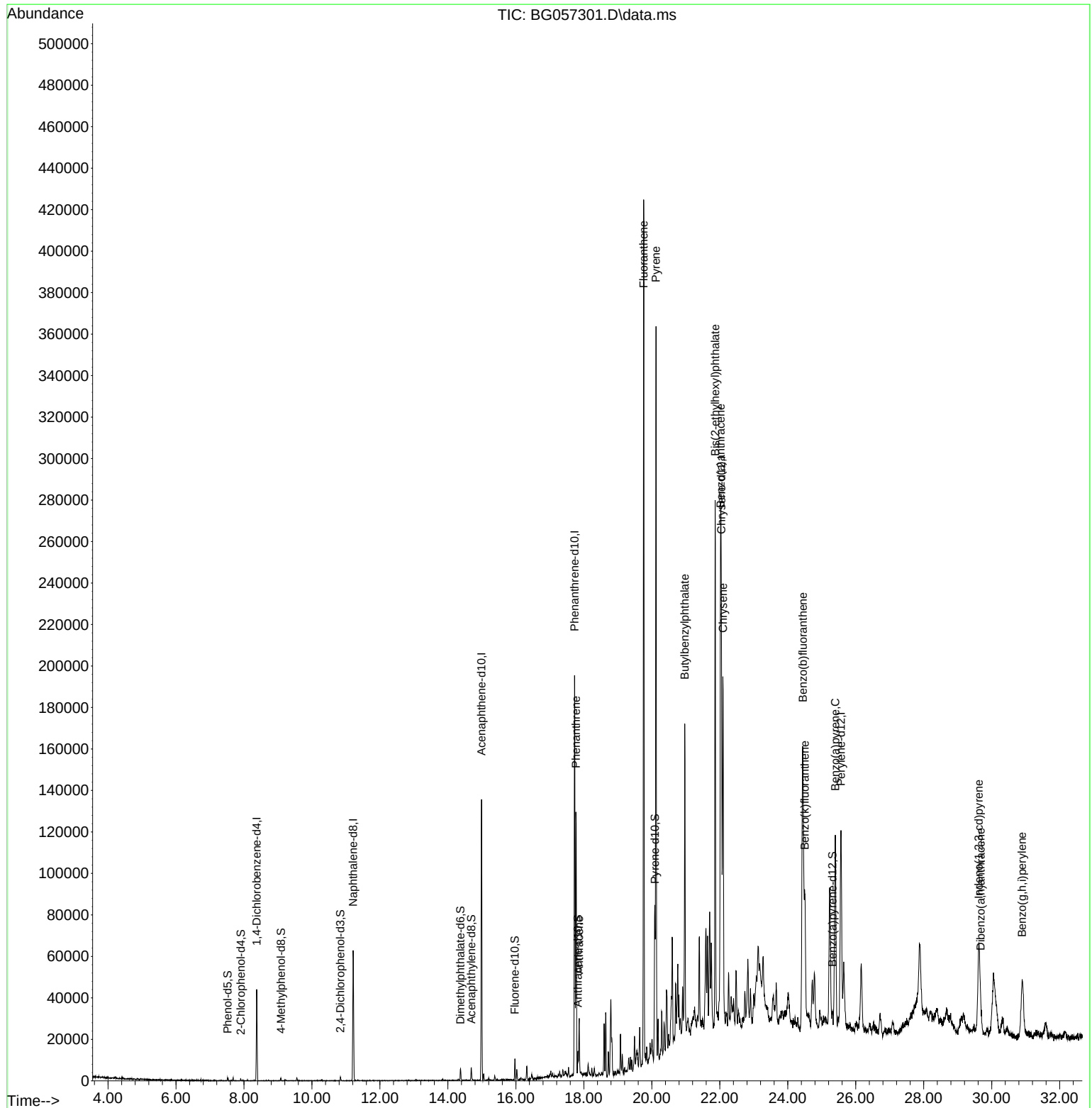
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057301.D
Acq On : 4 May 2023 13:17
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

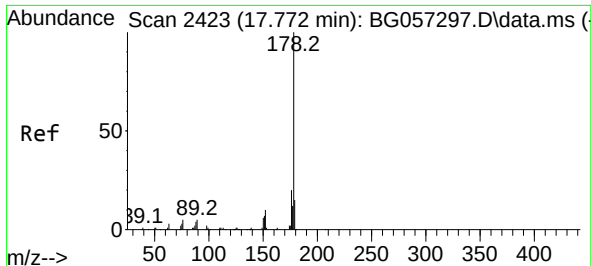
Instrument :
BNA_G
ClientSampleId :
EW923DL

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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
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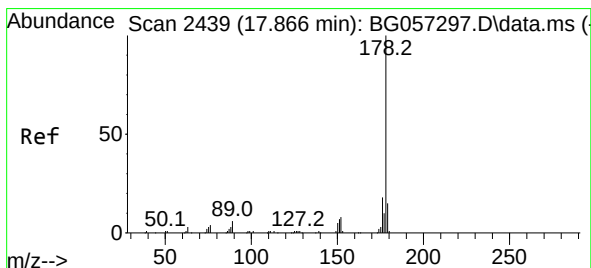
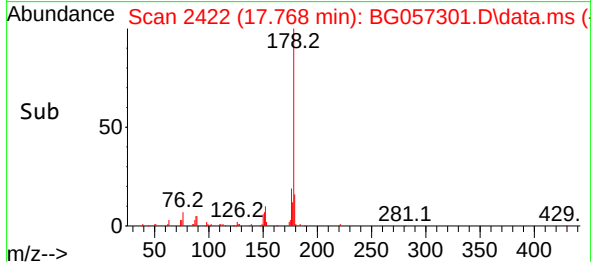
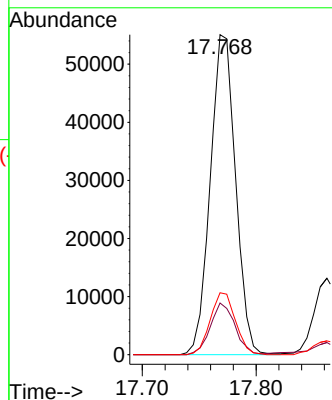
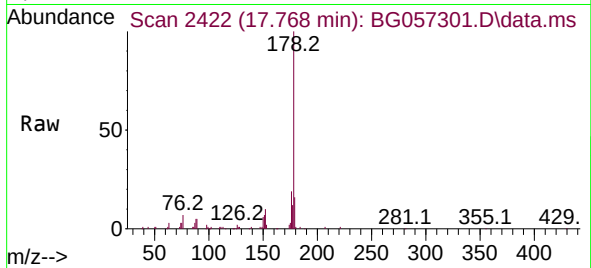
#72
Phenanthrene
Concen: 12.594 ng/ul
RT: 17.768 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

Instrument :
BNA_G
ClientSampleId :
EW923DL

Tgt Ion:178 Resp: 85224
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 19.4 15.4 23.0

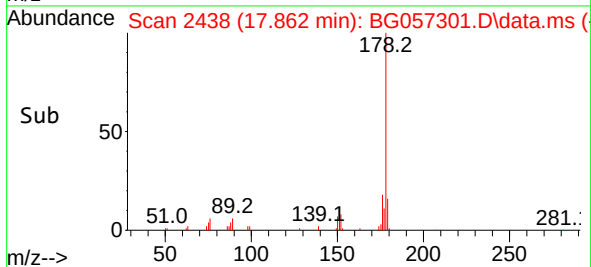
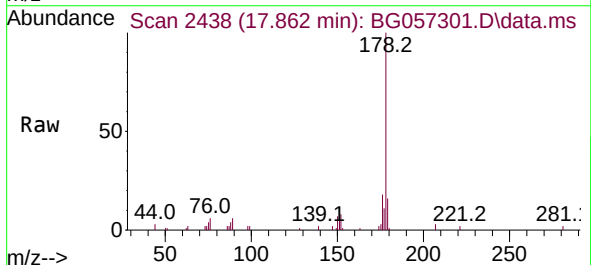
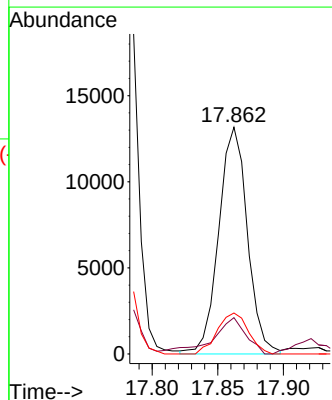
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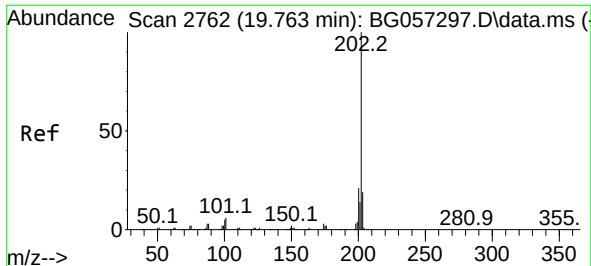
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#74
Anthracene
Concen: 2.941 ng/ul
RT: 17.862 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

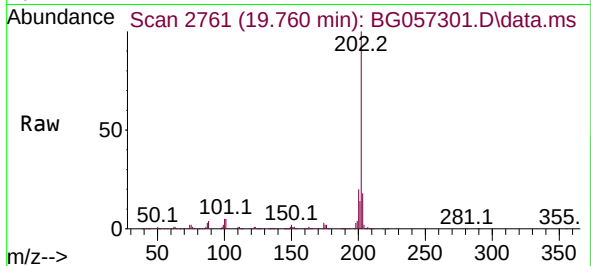
Tgt Ion:178 Resp: 19991
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.0 14.7 22.1





#80
Fluoranthene
Concen: 35.406 ng/ul
RT: 19.760 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

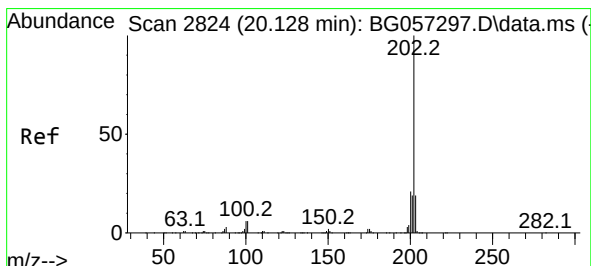
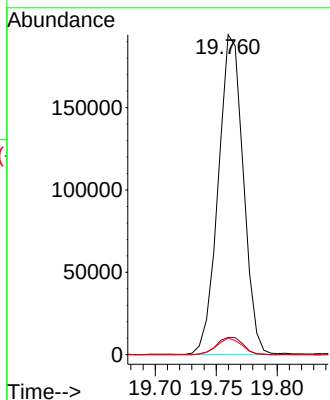
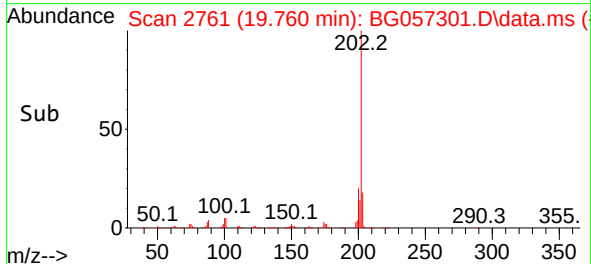
Instrument :
BNA_G
ClientSampleId :
EW923DL



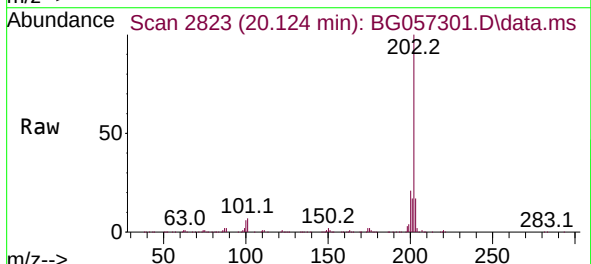
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Ion Ratio Lower Upper
202 100
101 5.4 5.8 8.6
100 5.2 4.6 7.0

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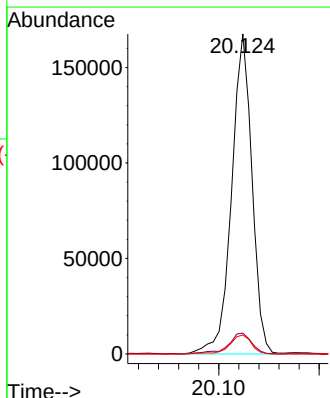
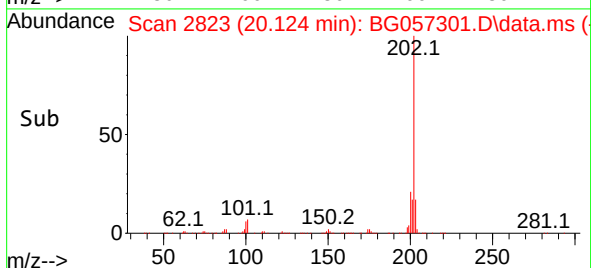
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

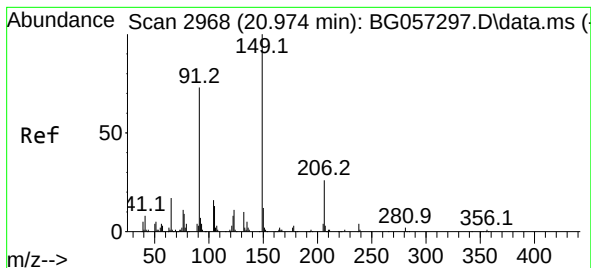


#82
Pyrene
Concen: 29.811 ng/ul
RT: 20.124 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17



Tgt Ion:202 Resp: 236310
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.9 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 16.470 ng/ul

RT: 20.970 min Scan# 2967

Delta R.T. -0.012 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

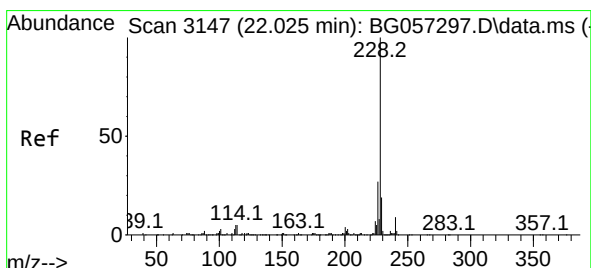
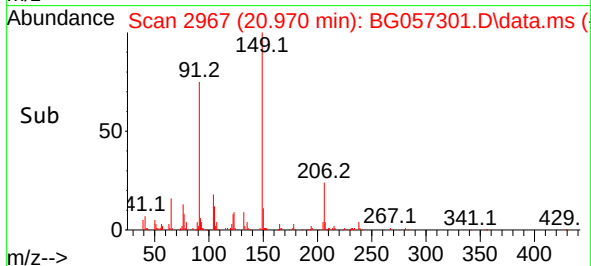
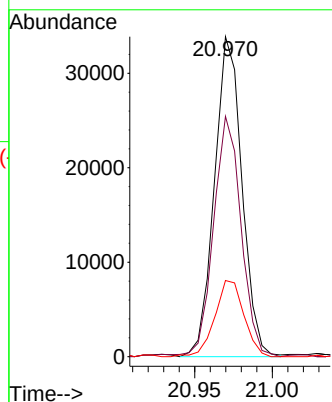
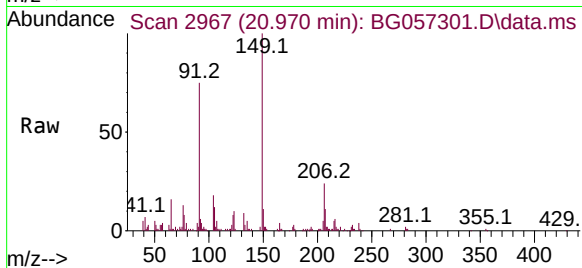
EW923DL

Tgt Ion:	149	Resp:	41809
Ion Ratio	Lower	Upper	
149	100		
91	75.1	58.6	87.8
206	23.8	19.8	29.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#85

Benzo(a)anthracene

Concen: 18.429 ng/ul

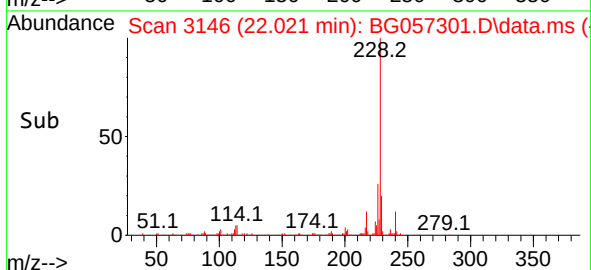
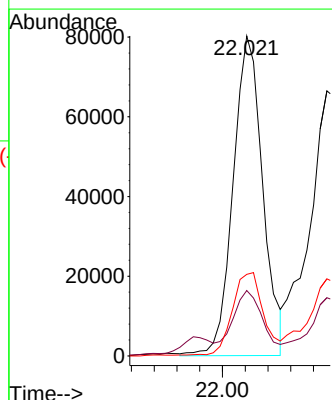
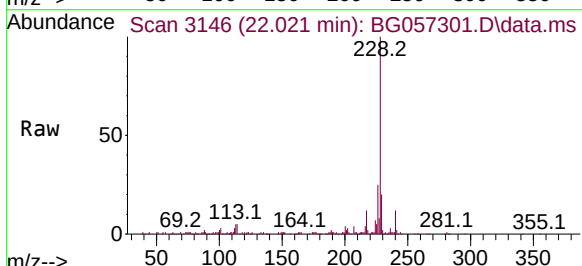
RT: 22.021 min Scan# 3146

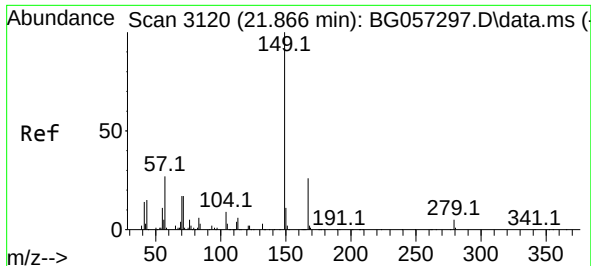
Delta R.T. -0.006 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

Tgt Ion:	228	Resp:	144748
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	25.5	21.7	32.5





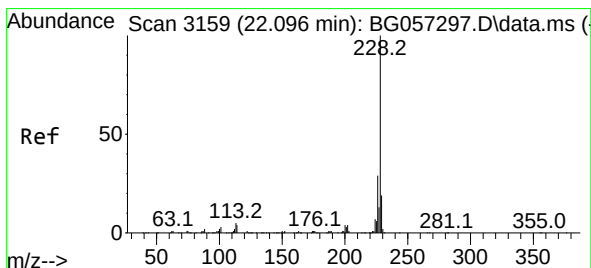
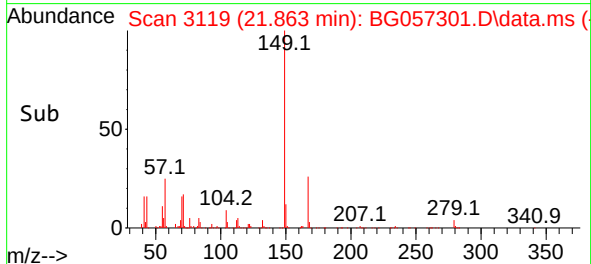
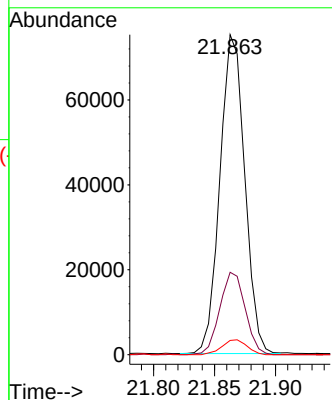
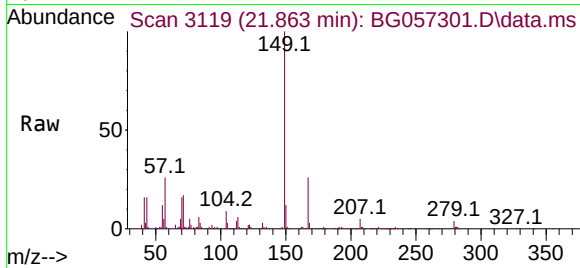
#86
Bis(2-ethylhexyl)phthalate
Concen: 28.772 ng/ul
RT: 21.863 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

Instrument :
BNA_G
ClientSampleId :
EW923DL

Tgt Ion:149 Resp: 106227
Ion Ratio Lower Upper
149 100
167 25.8 23.0 34.6
279 4.5 3.6 5.4

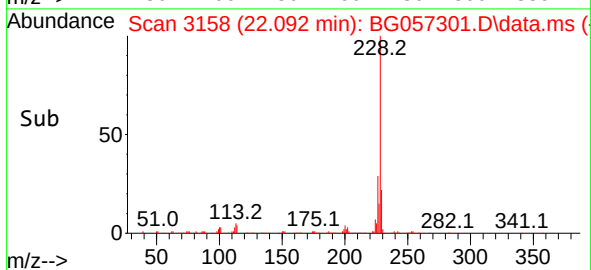
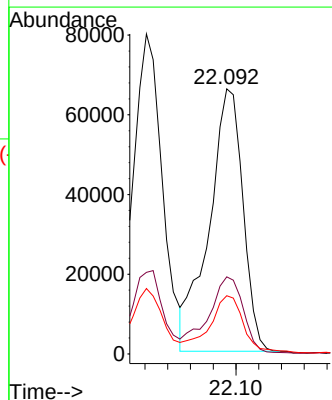
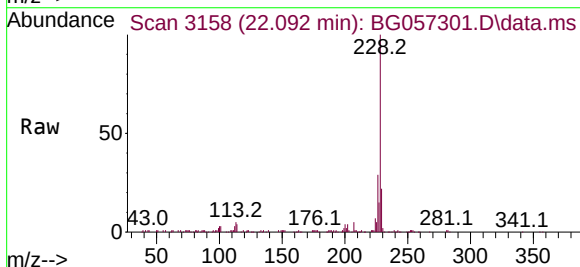
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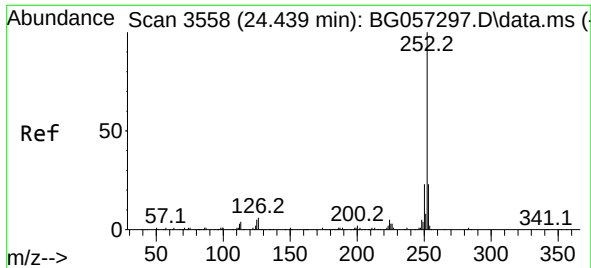
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#87
Chrysene
Concen: 18.384 ng/ul
RT: 22.092 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

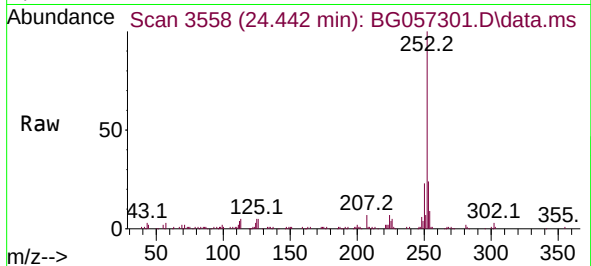
Tgt Ion:228 Resp: 136232
Ion Ratio Lower Upper
228 100
226 29.1 22.8 34.2
229 22.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 22.030 ng/ul
RT: 24.442 min Scan# 3558
Delta R.T. 0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

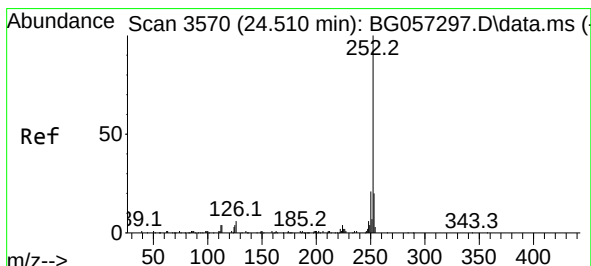
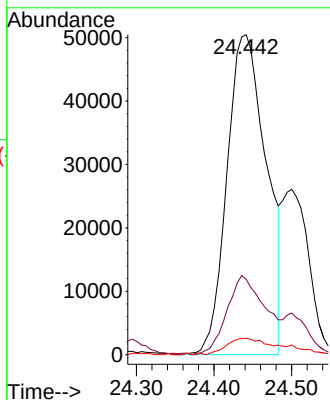
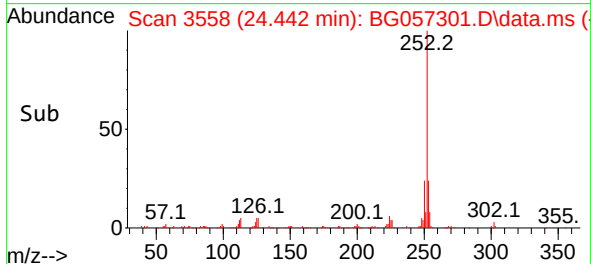
Instrument :
BNA_G
ClientSampleId :
EW923DL



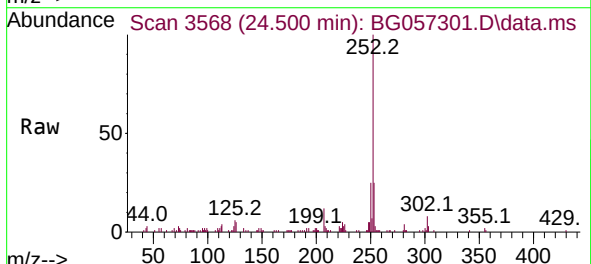
Tgt Ion:252 Resp: 177862
Ion Ratio Lower Upper
252 100
253 23.6 16.7 25.1
125 5.1 4.8 7.2

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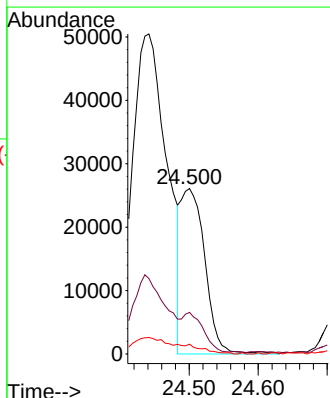
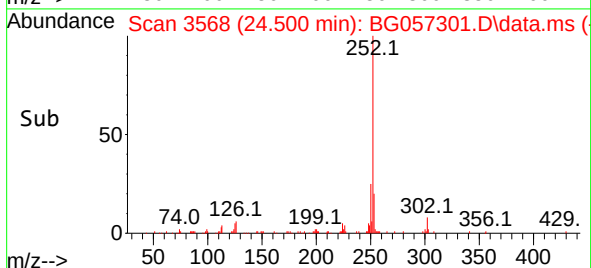
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

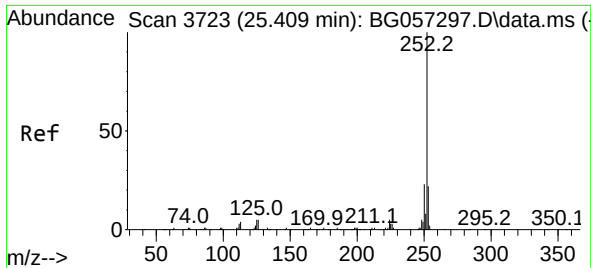


#91
Benzo(k)fluoranthene
Concen: 8.064 ng/ul m
RT: 24.500 min Scan# 3568
Delta R.T. -0.012 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17



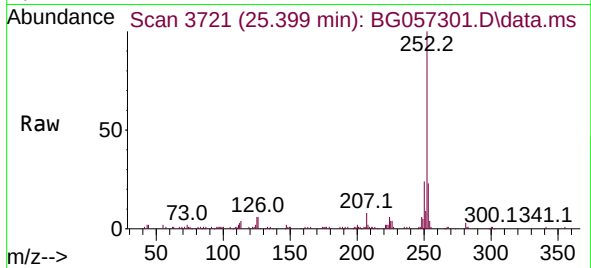
Tgt Ion:252 Resp: 63339
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 5.9 4.5 6.7





#93
Benzo(a)pyrene
Concen: 16.181 ng/ul
RT: 25.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

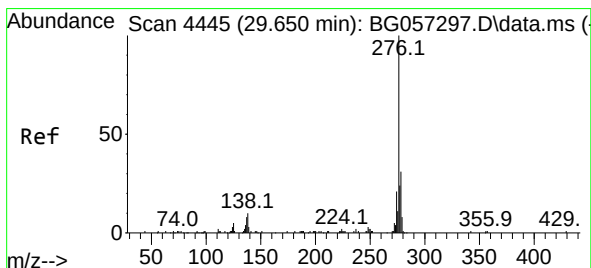
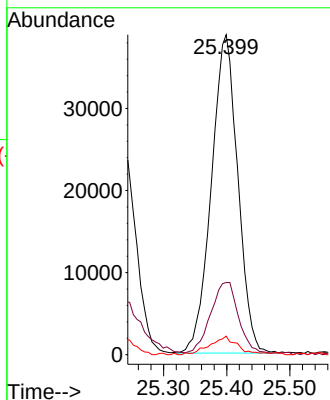
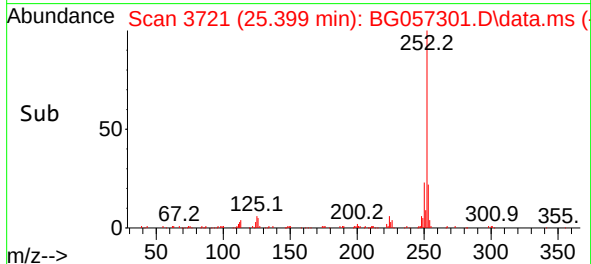
Instrument :
BNA_G
ClientSampleId :
EW923DL



Tgt Ion:252 Resp: 112780
Ion Ratio Lower Upper
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253 22.5 17.2 25.8
125 5.8 5.1 7.7

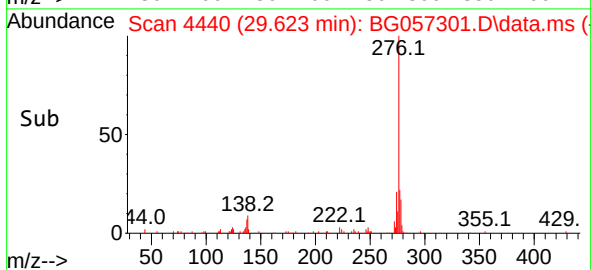
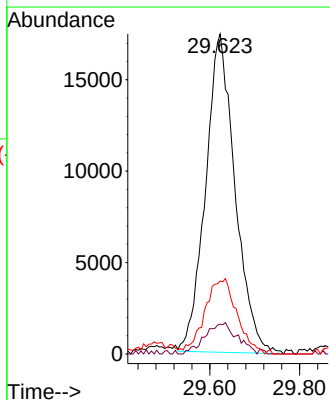
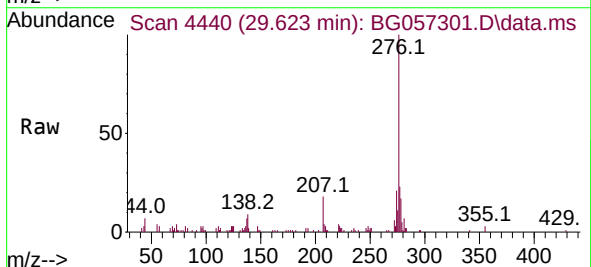
Manual Integrations
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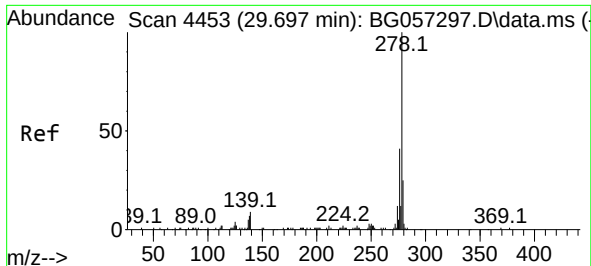
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 9.122 ng/ul
RT: 29.623 min Scan# 4440
Delta R.T. -0.000 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

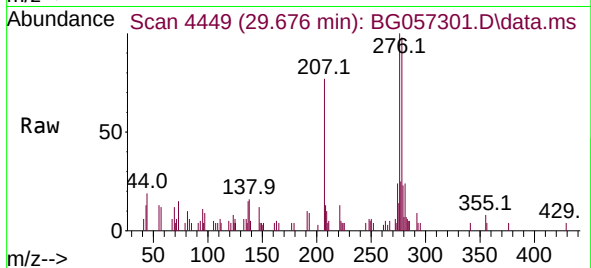
Tgt Ion:276 Resp: 79479
Ion Ratio Lower Upper
276 100
138 9.3 9.4 14.2#
277 22.8 18.6 28.0





#95
Dibenzo(a,h)anthracene
Concen: 3.557 ng/ul m
RT: 29.676 min Scan# 4453
Delta R.T. -0.018 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

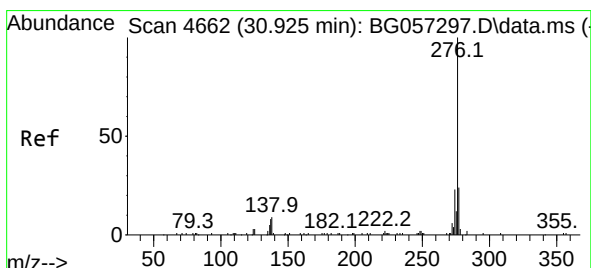
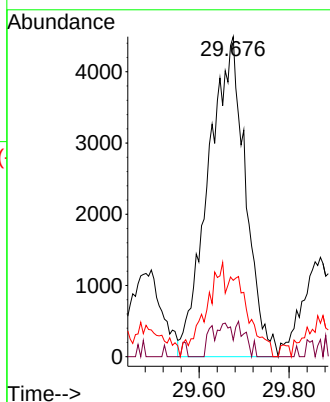
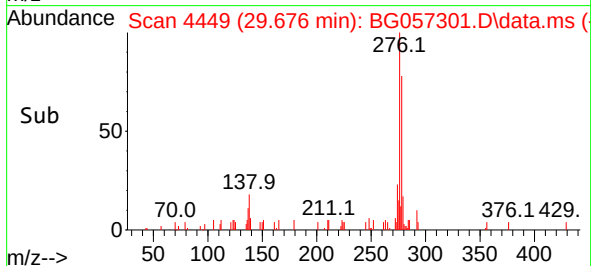
Instrument :
BNA_G
ClientSampleId :
EW923DL



Tgt Ion:278 Resp: 2569
Ion Ratio Lower Upper
278 100
139 5.2 5.8 8.6
279 23.8 18.3 27.5

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 9.409 ng/ul m
RT: 30.892 min Scan# 4656
Delta R.T. -0.018 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

Tgt Ion:276 Resp: 66350
Ion Ratio Lower Upper
276 100
138 10.3 8.7 13.1
277 23.2 18.4 27.6

