

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051338.D
 Acq On : 3 Dec 2021 20:48
 Operator : CG/JU
 Sample : M4833-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 03 23:38:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	29141	20.000	ng/u1	0.00
20) Naphthalene-d8	11.020	136	128835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.821	164	85246	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.571	188	180200	20.000	ng/u1	0.00
79) Chrysene-d12	21.872	240	160372	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	157617	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	3774	4.500	ng/uL	-0.02
4) Pyridine-d5	3.969	84	17275	7.020	ng/u1	0.00
7) Phenol-d5	7.354	99	70742	24.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	46104	25.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	53121	25.613	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	36006	15.492	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	28858	26.535	ng/u1	0.00
24) 2-Nitrophenol-d4	10.097	143	31732	25.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	51695	24.836	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	42385	13.917	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	179965	27.437	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	229608	27.761	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	22308	21.011	ng/u1	0.00
60) Fluorene-d10	15.814	176	162740	27.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	14760	13.274	ng/u1	0.00
73) Anthracene-d10	17.671	188	246921	28.651	ng/u1	0.00
81) Pyrene-d10	19.956	212	312858	32.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.045	264	269005	31.957	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.618	178	21205	2.131	ng/u1	98
80) Fluoranthene	19.622	202	59367	4.981	ng/u1	95
82) Pyrene	19.980	202	46523	3.990	ng/u1	96
85) Benzo(a)anthracene	21.854	228	21843	2.008	ng/u1	98
87) Chrysene	21.925	228	24453	2.340	ng/u1	100
90) Benzo(b)fluoranthene	24.193	252	33232	3.124	ng/u1	98
91) Benzo(k)fluoranthene	24.251	252	13204m	1.323	ng/u1	
93) Benzo(a)pyrene	25.115	252	21597	2.128	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	29.193	276	18608m	1.639	ng/u1	
96) Benzo(g,h,i)perylene	30.421	276	12526m	1.311	ng/u1	

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

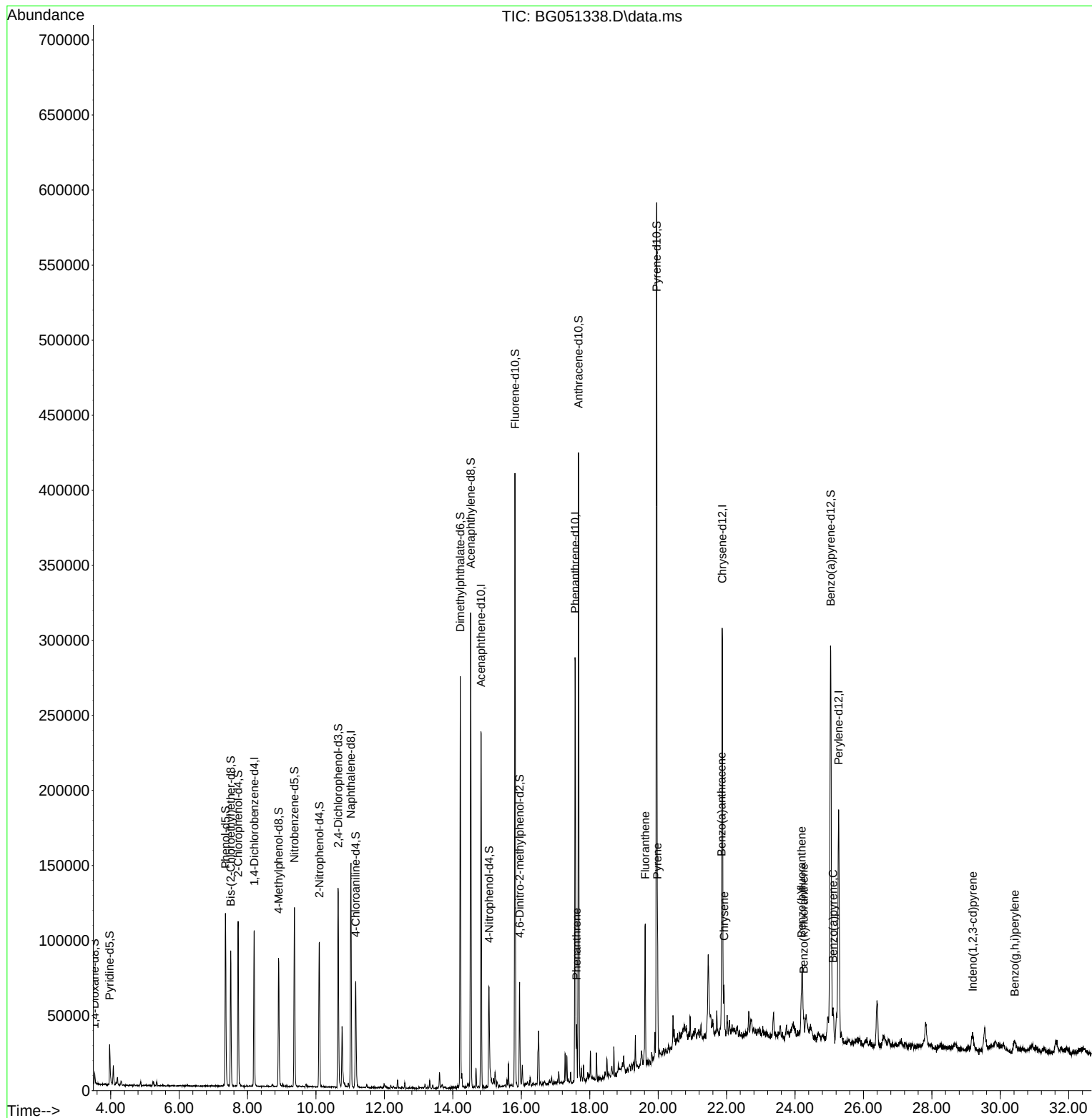
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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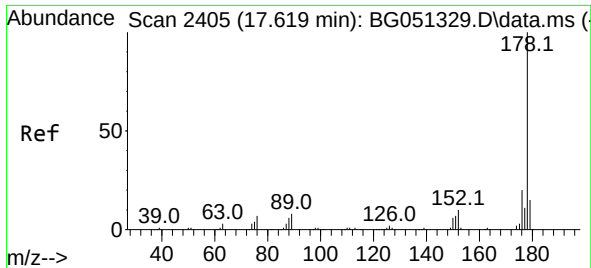
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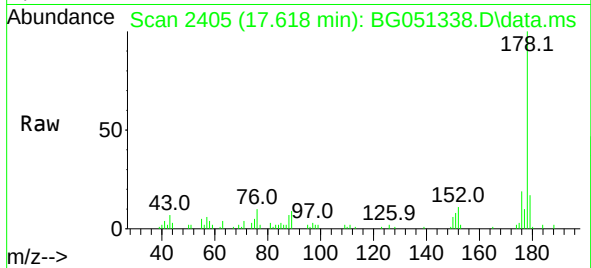
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#72
Phenanthrene
Concen: 2.131 ng/ul
RT: 17.618 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48

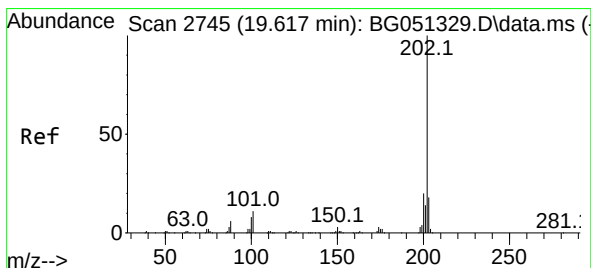
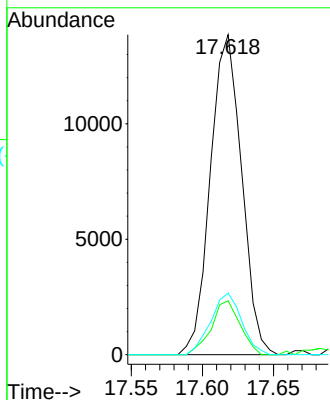
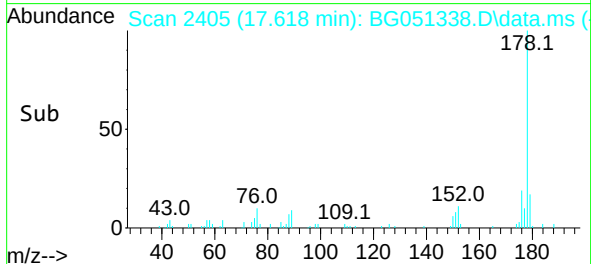
Instrument :
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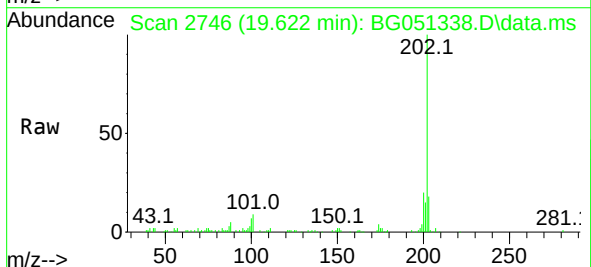
Tgt Ion:178 Resp: 21209
Ion Ratio Lower Upper
178 100
179 16.8 12.3 18.5
176 19.3 15.5 23.3

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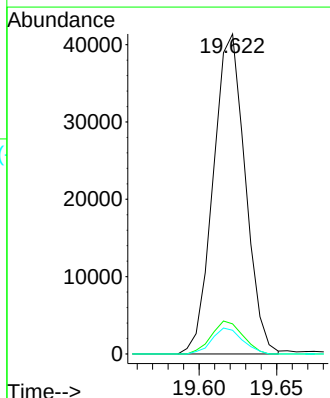
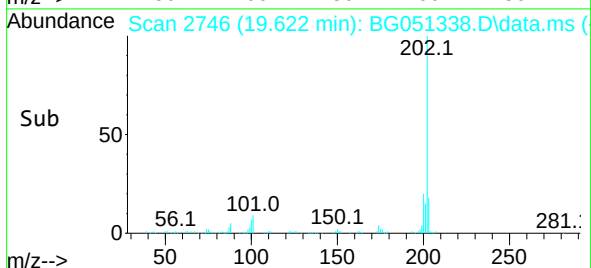
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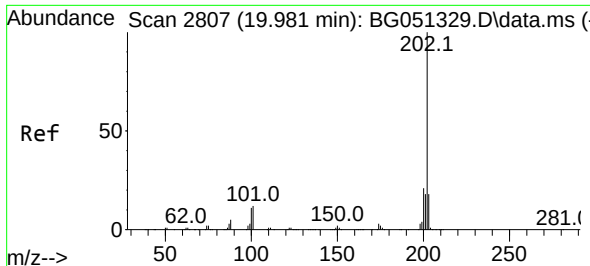


#80
Fluoranthene
Concen: 4.981 ng/ul
RT: 19.622 min Scan# 2746
Delta R.T. -0.003 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48



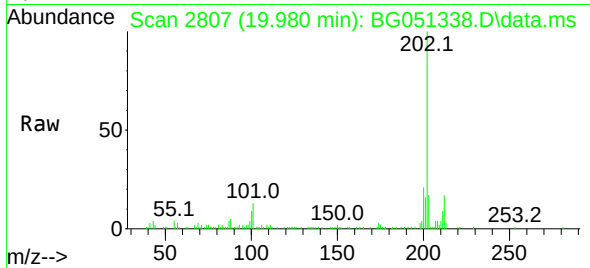
Tgt Ion:202 Resp: 59367
Ion Ratio Lower Upper
202 100
101 9.4 9.3 13.9
100 7.4 7.0 10.6





#82
Pyrene
Concen: 3.990 ng/ul
RT: 19.980 min Scan# 2807
Delta R.T. -0.009 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48

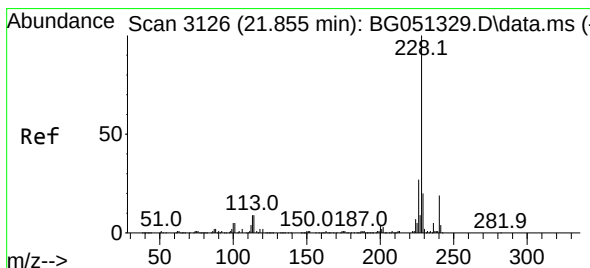
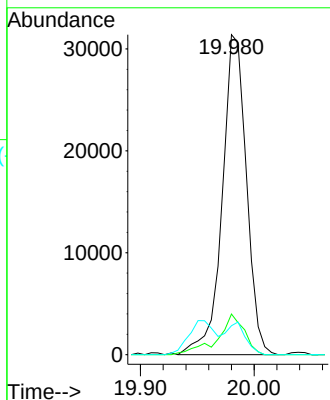
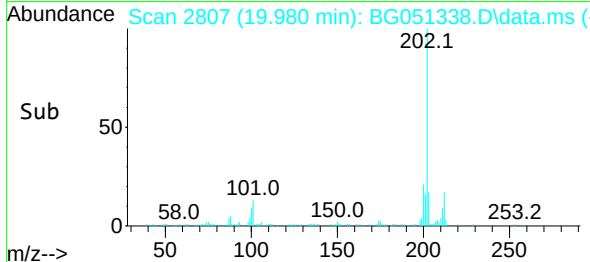
Instrument :
BNA_G
ClientSampleId :
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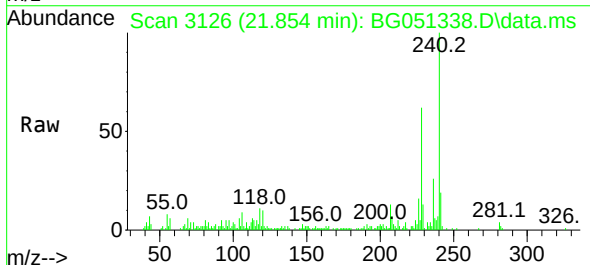
Tgt Ion:202 Resp: 4652
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.1 9.0 13.6

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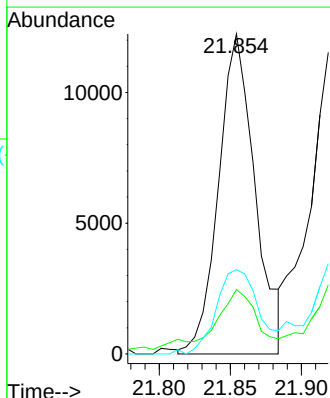
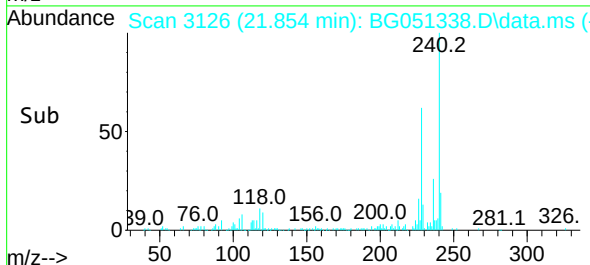
Reviewed By :Jagrut Upadhyay 12/06/2021
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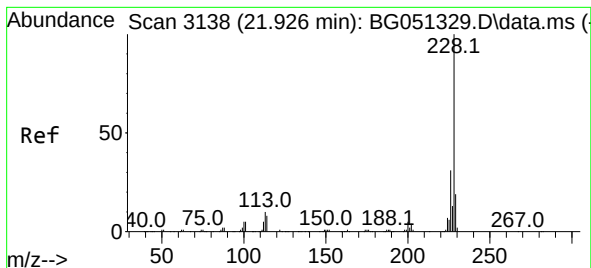


#85
Benzo(a)anthracene
Concen: 2.008 ng/ul
RT: 21.854 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48



Tgt Ion:228 Resp: 21843
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 26.4 22.3 33.5





#87

Chrysene

Concen: 2.340 ng/ul

RT: 21.925 min Scan# 3138

Delta R.T. -0.009 min

Lab File: BG051338.D

Acq: 3 Dec 2021 20:48

Instrument :

BNA_G

ClientSampleId :

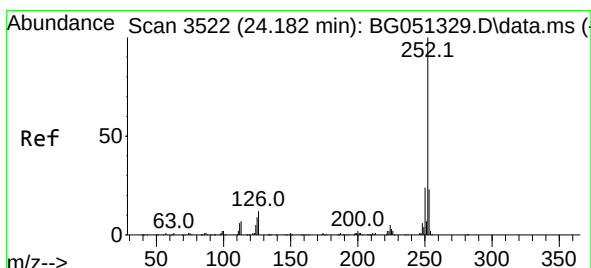
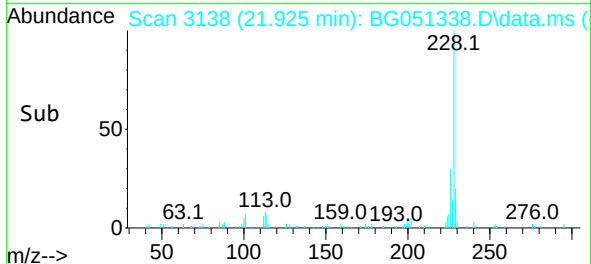
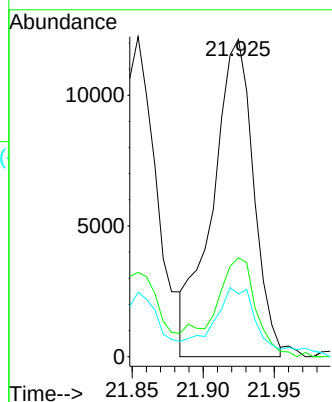
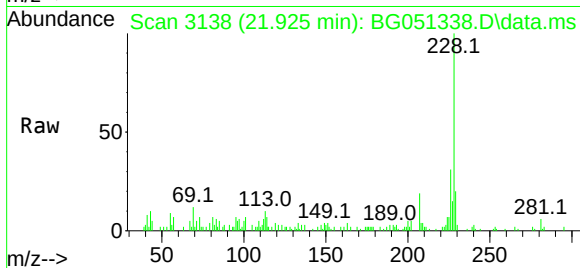
ESQM5

Tgt Ion:	228	Resp:	2445
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.8	37.2
229	19.7	15.8	23.6

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#90

Benzo(b)fluoranthene

Concen: 3.124 ng/ul

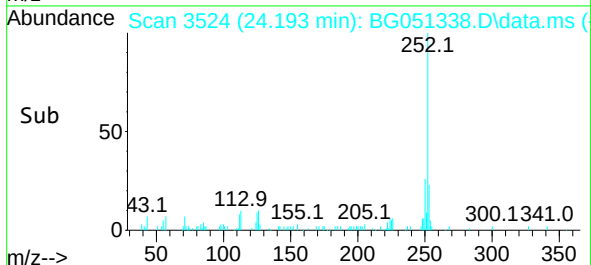
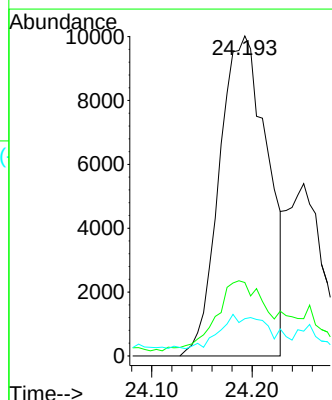
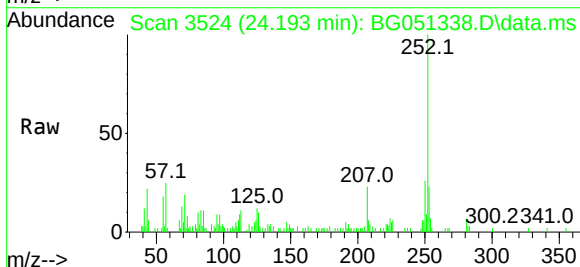
RT: 24.193 min Scan# 3524

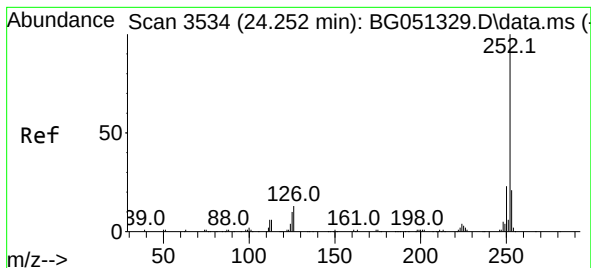
Delta R.T. 0.003 min

Lab File: BG051338.D

Acq: 3 Dec 2021 20:48

Tgt Ion:	252	Resp:	33232
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	11.7	8.5	12.7





#91

Benzo(k)fluoranthene

Concen: 1.323 ng/ul m

RT: 24.251 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG051338.D

Acq: 3 Dec 2021 20:48

Instrument :

BNA_G

ClientSampleId :

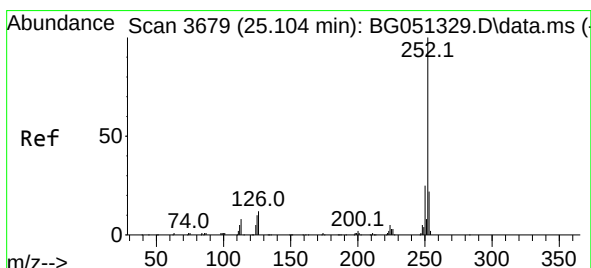
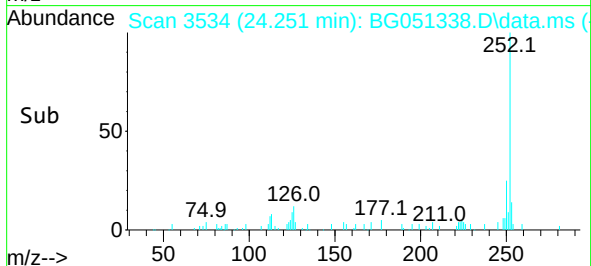
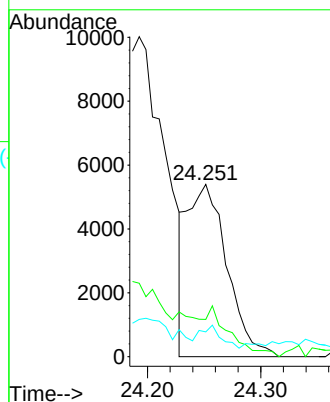
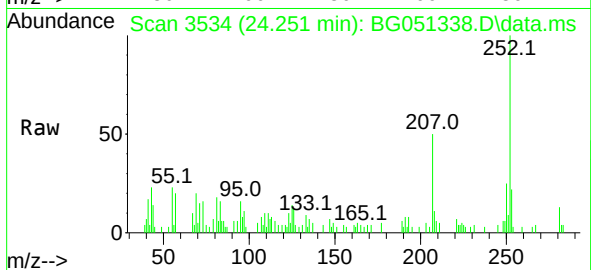
ESQM5

Tgt Ion:	252	Resp:	13204
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	14.3	7.8	11.6

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#93

Benzo(a)pyrene

Concen: 2.128 ng/ul

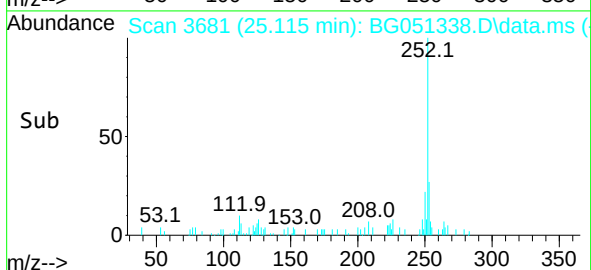
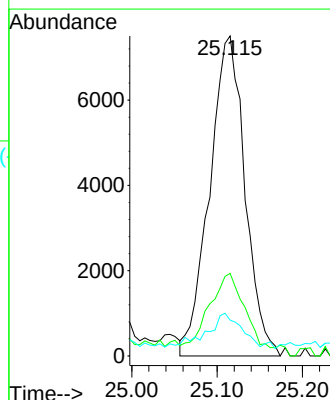
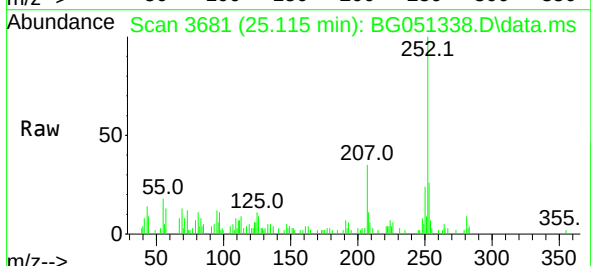
RT: 25.115 min Scan# 3681

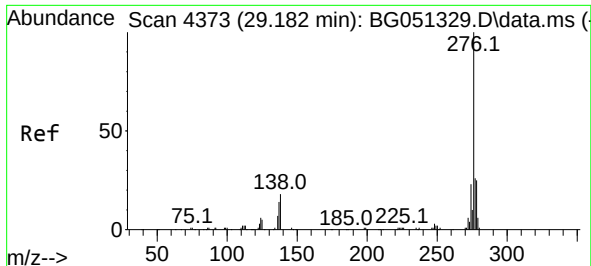
Delta R.T. -0.009 min

Lab File: BG051338.D

Acq: 3 Dec 2021 20:48

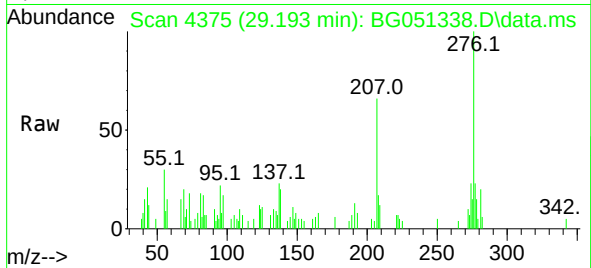
Tgt Ion:	252	Resp:	21597
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.4	26.2
125	11.2	9.1	13.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.639 ng/ul m
RT: 29.193 min Scan# 4375
Delta R.T. 0.003 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48

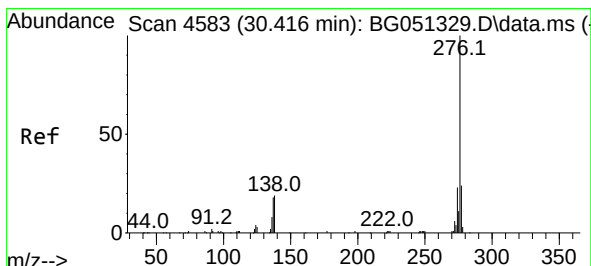
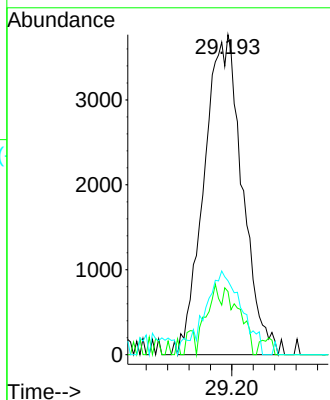
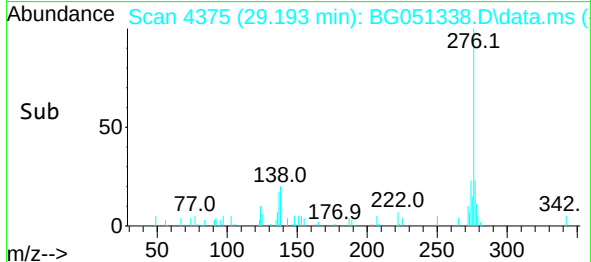
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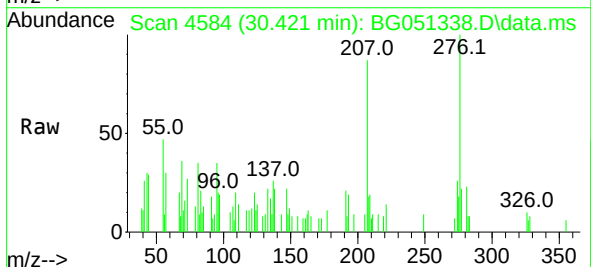
Tgt Ion:276 Resp: 18608
Ion Ratio Lower Upper
276 100
138 19.8 15.5 23.3
277 23.1 20.5 30.7

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#96
Benzo(g,h,i)perylene
Concen: 1.311 ng/ul m
RT: 30.421 min Scan# 4584
Delta R.T. 0.008 min
Lab File: BG051338.D
Acq: 3 Dec 2021 20:48



Tgt Ion:276 Resp: 12526
Ion Ratio Lower Upper
276 100
138 21.6 16.6 24.8
277 22.3 17.6 26.4

