

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051333.D
 Acq On : 3 Dec 2021 17:22
 Operator : CG/JU
 Sample : M4833-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM4

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 23:36:29 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	8.190	152	30129	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.022	136	131802	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.823	164	85422	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.573	188	175138	20.000	ng/u1	0.00
79) Chrysene-d12	21.874	240	149972	20.000	ng/u1	0.00
88) Perylene-d12	25.276	264	153235	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	3653	4.213	ng/uL	0.00
4) Pyridine-d5	3.965	84	32861	12.916	ng/u1	-0.01
7) Phenol-d5	7.356	99	82655	27.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	53160	28.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.726	132	60715	28.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.907	113	58861	24.495	ng/u1	0.00
21) Nitrobenzene-d5	9.371	128	32782	29.464	ng/u1	0.00
24) 2-Nitrophenol-d4	10.099	143	37985	30.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	61227	28.753	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	54948	17.635	ng/u1	0.00
46) Dimethylphthalate-d6	14.218	166	200274	30.470	ng/u1	0.00
49) Acenaphthylene-d8	14.524	160	258663	31.209	ng/u1	0.00
54) 4-Nitrophenol-d4	15.052	143	28378	26.673	ng/u1	0.00
60) Fluorene-d10	15.816	176	179036	30.249	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.946	200	22825	21.120	ng/u1	0.00
73) Anthracene-d10	17.673	188	261753	31.250	ng/u1	0.00
81) Pyrene-d10	19.953	212	299226	32.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.041	264	265459	32.437	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.620	178	21481	2.221	ng/u1	97
80) Fluoranthene	19.618	202	63511	5.698	ng/u1	96
82) Pyrene	19.982	202	48436	4.443	ng/u1	96
85) Benzo(a)anthracene	21.850	228	24110	2.370	ng/u1	98
87) Chrysene	21.921	228	27345	2.798	ng/u1	97
90) Benzo(b)fluoranthene	24.189	252	36709	3.550	ng/u1#	96
91) Benzo(k)fluoranthene	24.253	252	14664m	1.511	ng/u1	
93) Benzo(a)pyrene	25.117	252	24257	2.459	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	29.189	276	19080m	1.728	ng/u1	
96) Benzo(g,h,i)perylene	30.417	276	13704m	1.475	ng/u1	

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

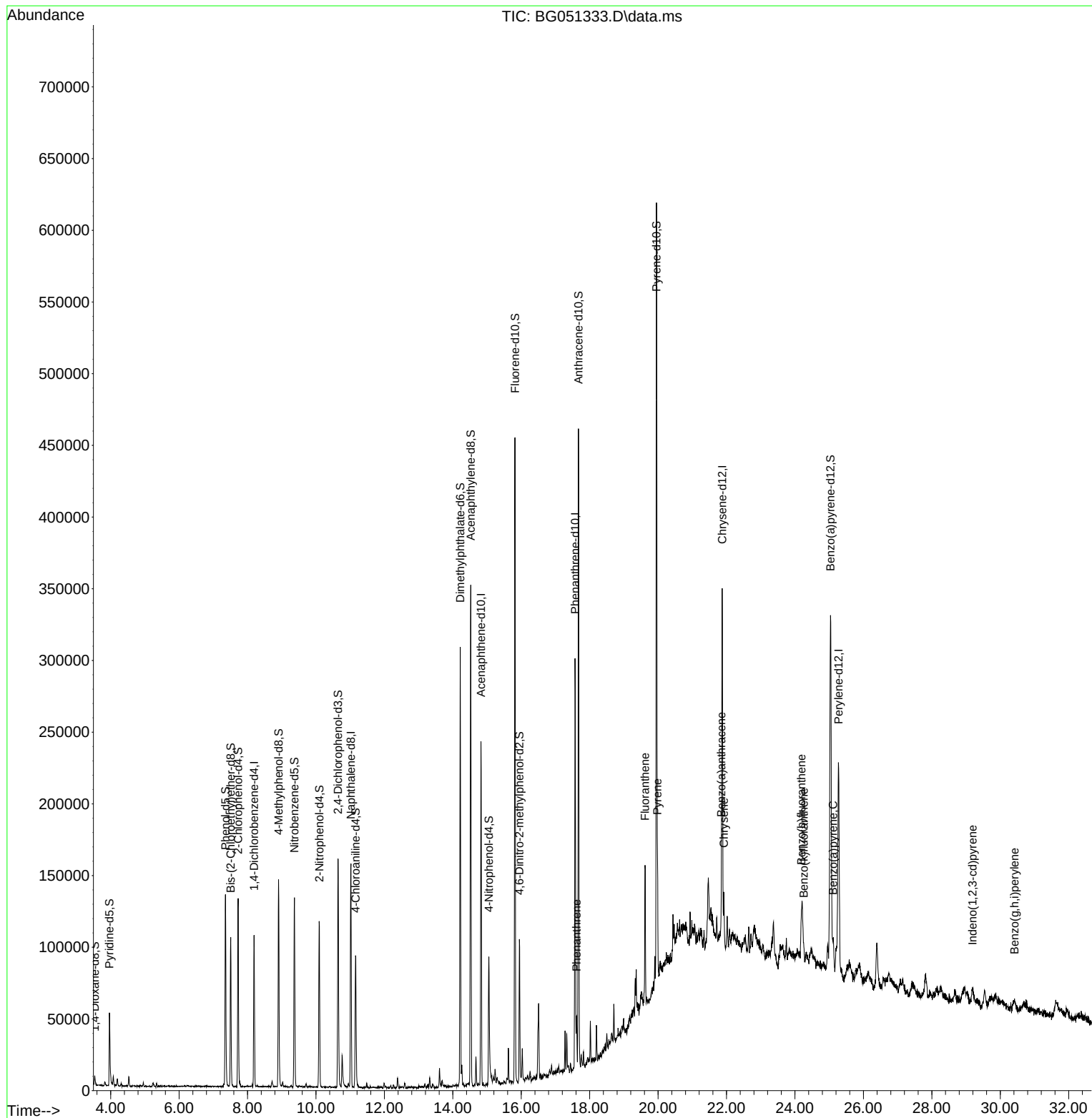
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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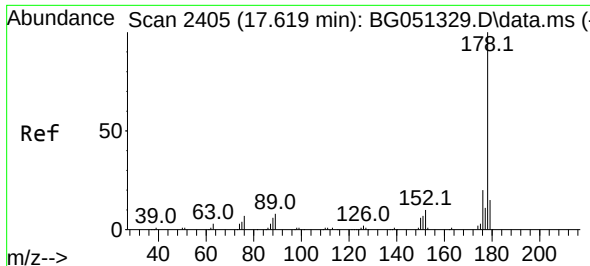
Instrument :
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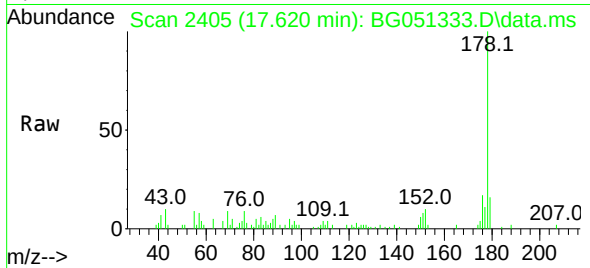
Quant Time: Dec 03 23:36:29 2021
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#72
Phenanthrene
Concen: 2.221 ng/ul
RT: 17.620 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22

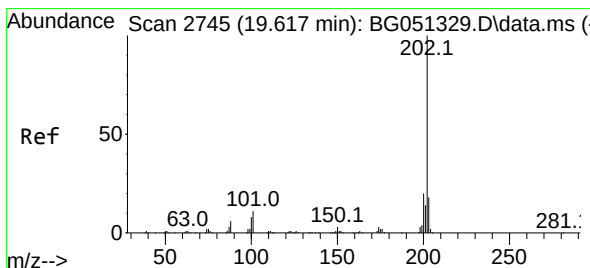
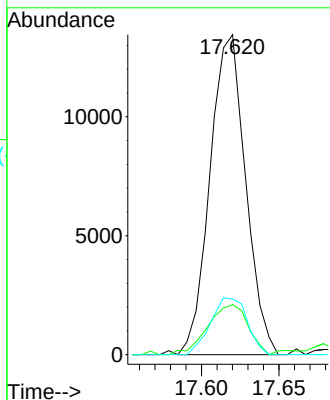
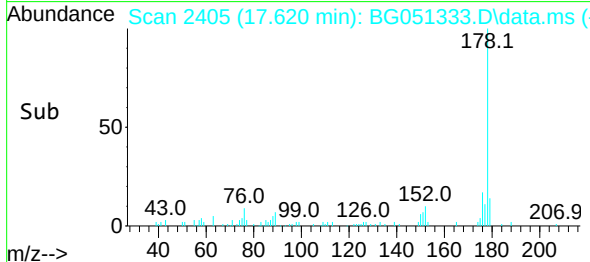
Instrument :
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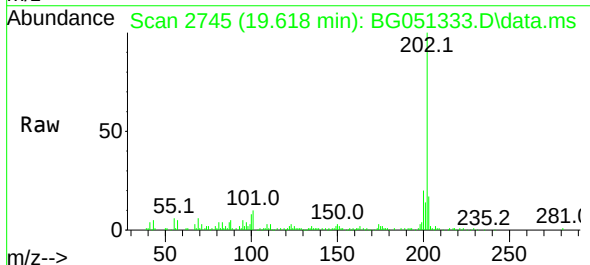
Tgt Ion:178 Resp: 2148
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 17.4 15.5 23.3

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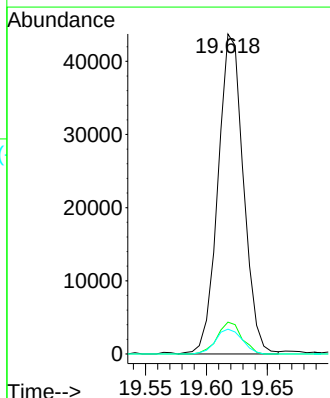
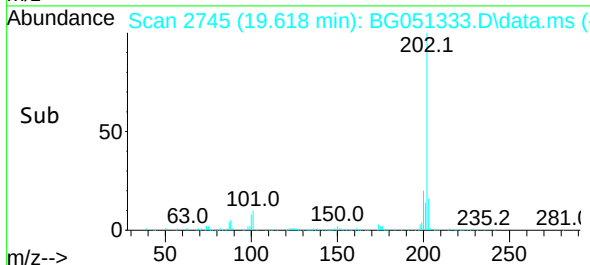
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

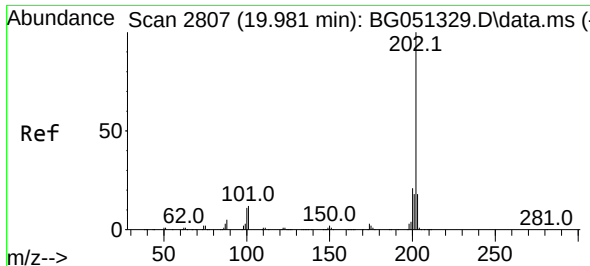


#80
Fluoranthene
Concen: 5.698 ng/ul
RT: 19.618 min Scan# 2745
Delta R.T. -0.007 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22



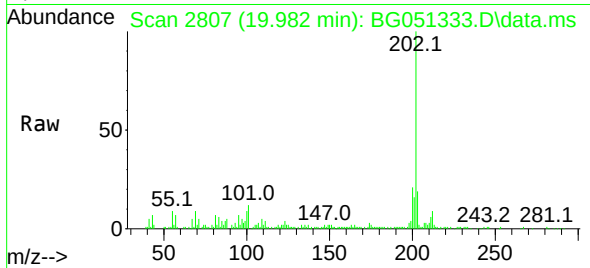
Tgt Ion:202 Resp: 63511
Ion Ratio Lower Upper
202 100
101 9.9 9.3 13.9
100 7.8 7.0 10.6





#82
Pyrene
Concen: 4.443 ng/ul
RT: 19.982 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22

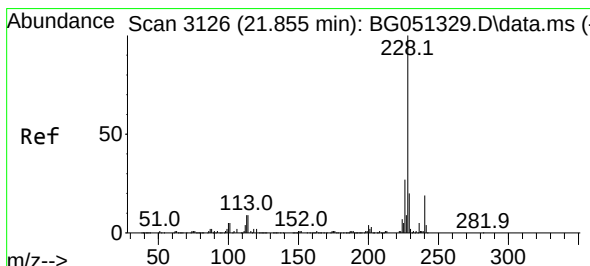
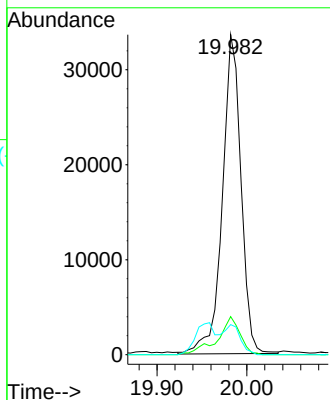
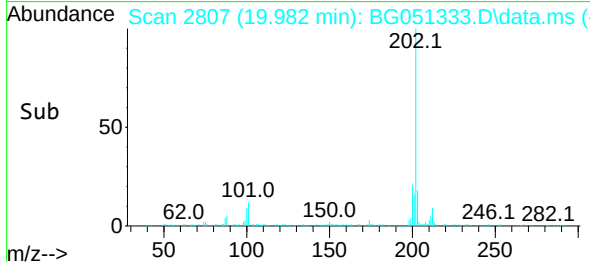
Instrument :
BNA_G
ClientSampleId :
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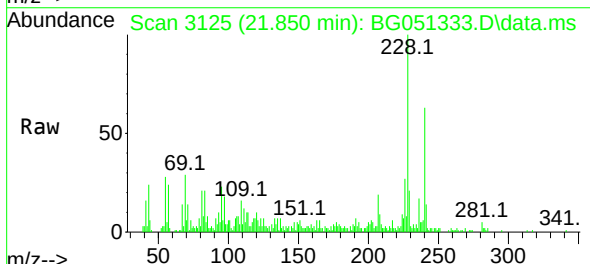
Tgt Ion:202 Resp: 48430
Ion Ratio Lower Upper
202 100
101 11.9 10.7 16.1
100 9.4 9.0 13.6

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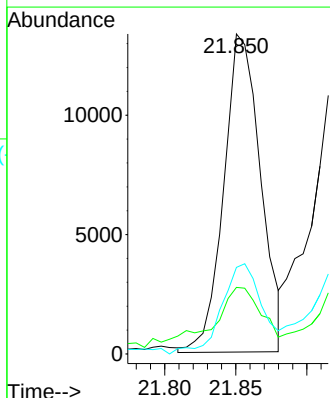
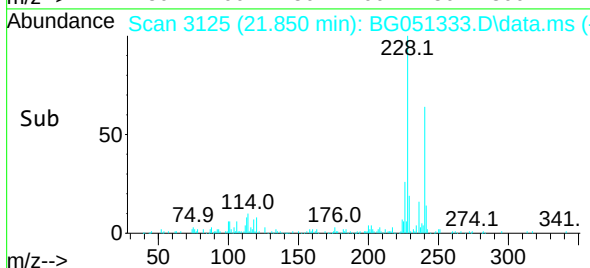
Reviewed By :Jagrut Upadhyay 12/06/2021
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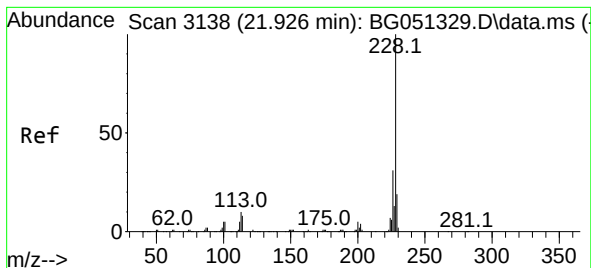


#85
Benzo(a)anthracene
Concen: 2.370 ng/ul
RT: 21.850 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22



Tgt Ion:228 Resp: 24110
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.0 22.3 33.5





#87

Chrysene

Concen: 2.798 ng/u1

RT: 21.921 min Scan# 3138

Delta R.T. -0.013 min

Lab File: BG051333.D

Acq: 3 Dec 2021 17:22

Instrument :

BNA_G

ClientSampleId :

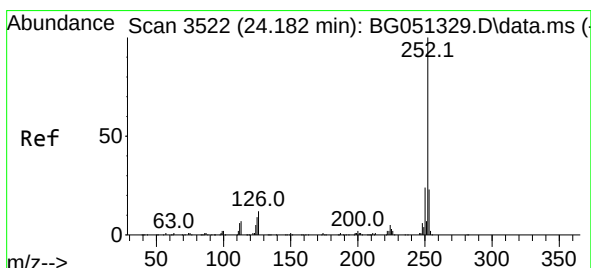
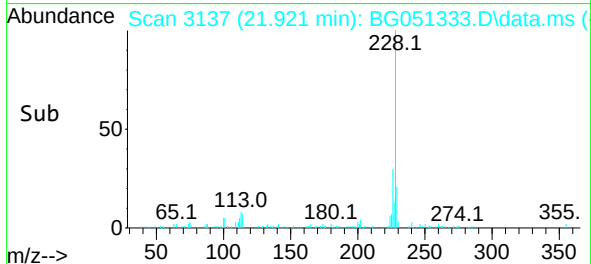
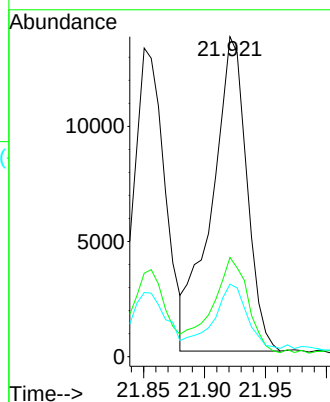
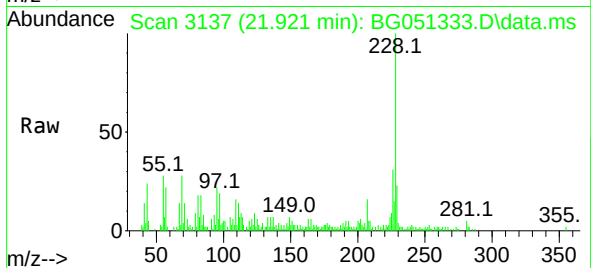
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Tgt Ion:228 Resp: 27345
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.8 37.2
 229 22.6 15.8 23.6

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#90

Benzo(b)fluoranthene

Concen: 3.550 ng/u1

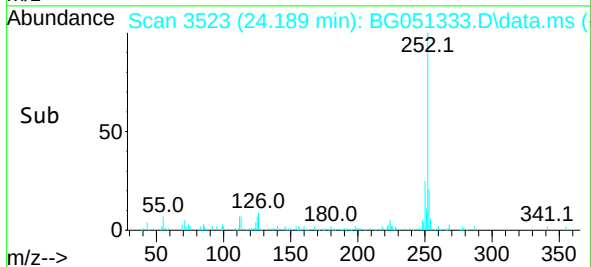
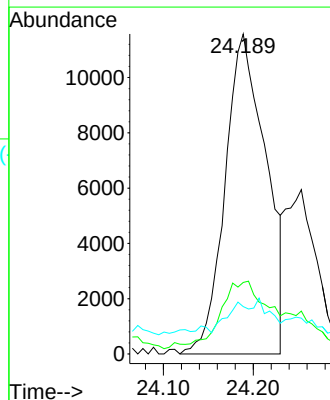
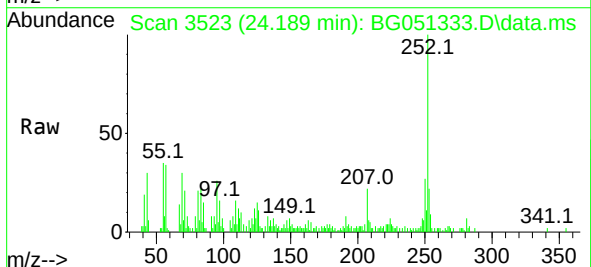
RT: 24.189 min Scan# 3523

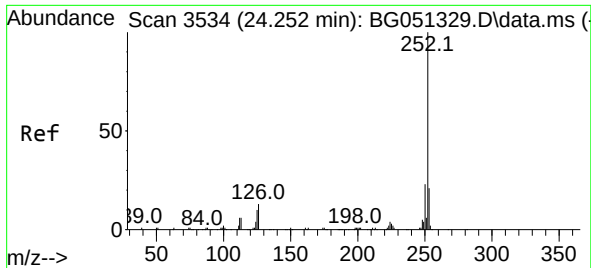
Delta R.T. -0.001 min

Lab File: BG051333.D

Acq: 3 Dec 2021 17:22

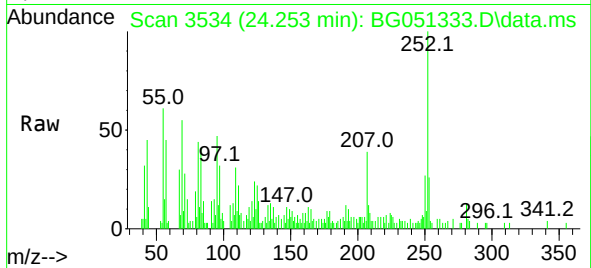
Tgt Ion:252 Resp: 36709
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 14.8 8.5 12.7#





#91
Benzo(k)fluoranthene
Concen: 1.511 ng/ul m
RT: 24.253 min Scan# 3534
Delta R.T. -0.007 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22

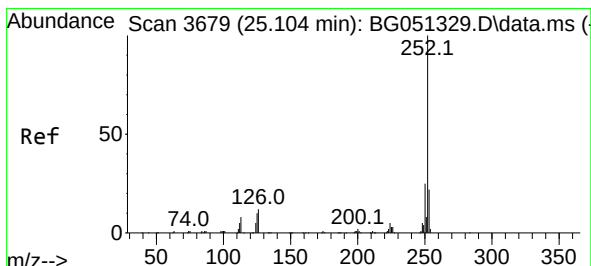
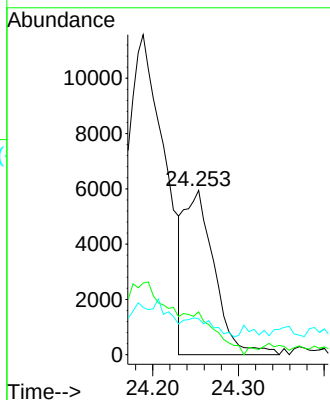
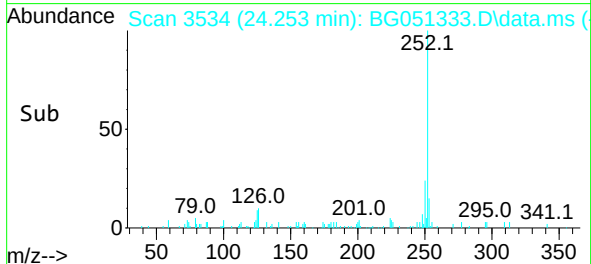
Instrument :
BNA_G
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Tgt Ion:252 Resp: 14664
Ion Ratio Lower Upper
252 100
253 26.1 17.3 25.9#
125 21.8 7.8 11.6#

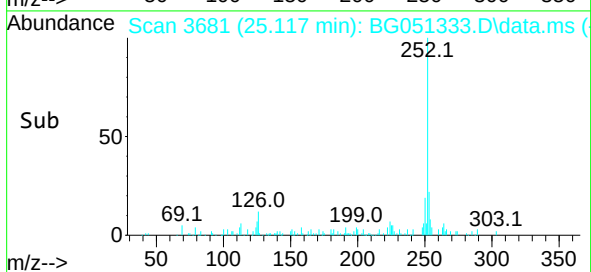
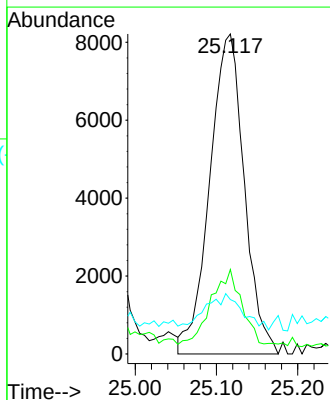
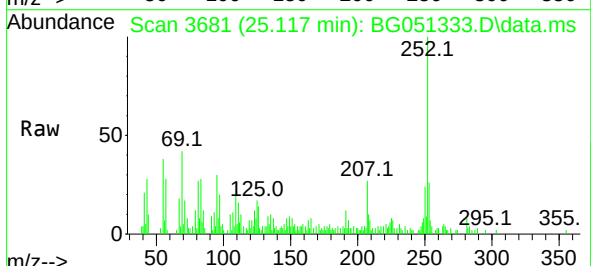
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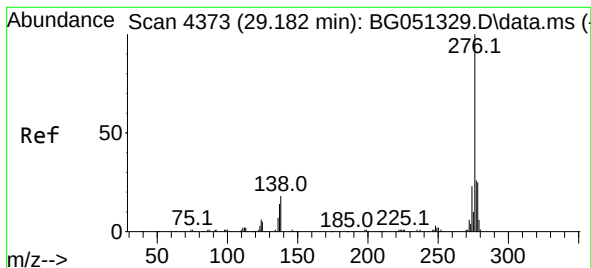
Reviewed By :Jagrut Upadhyay 12/06/2021
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#93
Benzo(a)pyrene
Concen: 2.459 ng/ul
RT: 25.117 min Scan# 3681
Delta R.T. -0.007 min
Lab File: BG051333.D
Acq: 3 Dec 2021 17:22

Tgt Ion:252 Resp: 24257
Ion Ratio Lower Upper
252 100
253 26.4 17.4 26.2#
125 17.0 9.1 13.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.728 ng/ul m

RT: 29.189 min Scan# 4373

Delta R.T. -0.001 min

Lab File: BG051333.D

Acq: 3 Dec 2021 17:22

Instrument :

BNA_G

ClientSampleId :

ESQM4

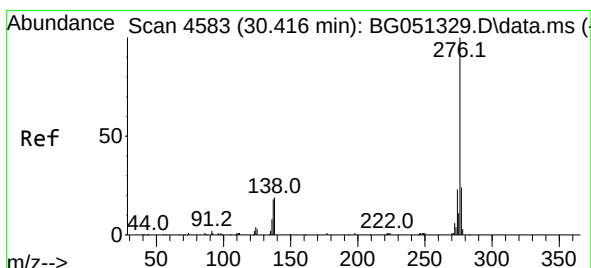
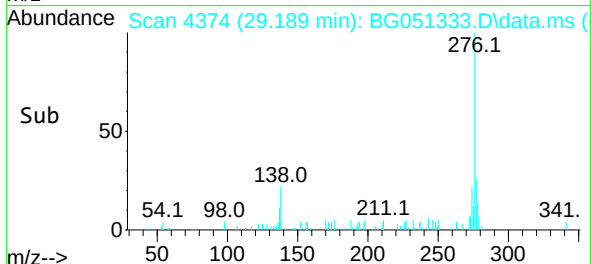
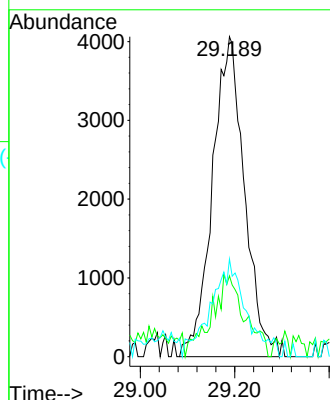
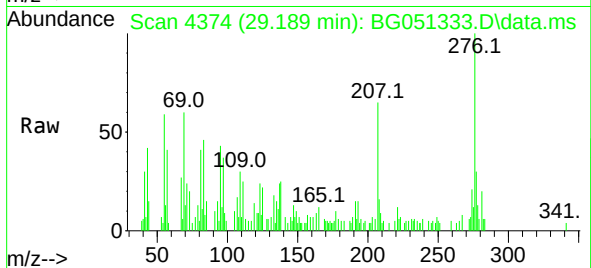
Tgt Ion:276 Resp: 19080

Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.5	23.3
277	30.5	20.5	30.7

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.475 ng/ul m

RT: 30.417 min Scan# 4583

Delta R.T. 0.005 min

Lab File: BG051333.D

Acq: 3 Dec 2021 17:22

Tgt Ion:276 Resp: 13704

Ion	Ratio	Lower	Upper
276	100		
138	25.8	16.6	24.8
277	19.9	17.6	26.4

