

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051339.D
 Acq On : 3 Dec 2021 21:29
 Operator : CG/JU
 Sample : M4833-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM7

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 23:38:24 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	8.188	152	27102	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.020	136	121664	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	78860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	164746	20.000	ng/u1	0.00
79) Chrysene-d12	21.872	240	144244	20.000	ng/u1	0.00
88) Perylene-d12	25.268	264	140129	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	4495	5.764	ng/uL	0.00
4) Pyridine-d5	3.964	84	43982	19.219	ng/u1	-0.01
7) Phenol-d5	7.354	99	86935	32.456	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	56829	33.781	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	64572	33.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	48745	22.551	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	35249	34.322	ng/u1	0.00
24) 2-Nitrophenol-d4	10.092	143	39102	33.752	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	63486	32.298	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	58842	20.459	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	209451	34.518	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	269366	35.205	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	27030	27.520	ng/u1	0.00
60) Fluorene-d10	15.815	176	184541	33.773	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	18347	18.048	ng/u1	0.00
73) Anthracene-d10	17.672	188	276267	35.063	ng/u1	0.00
81) Pyrene-d10	19.951	212	328973	37.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	279428	37.337	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.619	178	26247	2.885	ng/u1	95
80) Fluoranthene	19.616	202	65725	6.131	ng/u1	97
82) Pyrene	19.981	202	53270	5.080	ng/u1	96
85) Benzo(a)anthracene	21.855	228	30792	3.147	ng/u1	98
87) Chrysene	21.919	228	30137m	3.207	ng/u1	
90) Benzo(b)fluoranthene	24.187	252	43542	4.604	ng/u1	99
91) Benzo(k)fluoranthene	24.246	252	10703m	1.206	ng/u1	
93) Benzo(a)pyrene	25.110	252	28692	3.180	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	29.182	276	20590m	2.039	ng/u1	
96) Benzo(g,h,i)perylene	30.410	276	13769m	1.621	ng/u1	

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

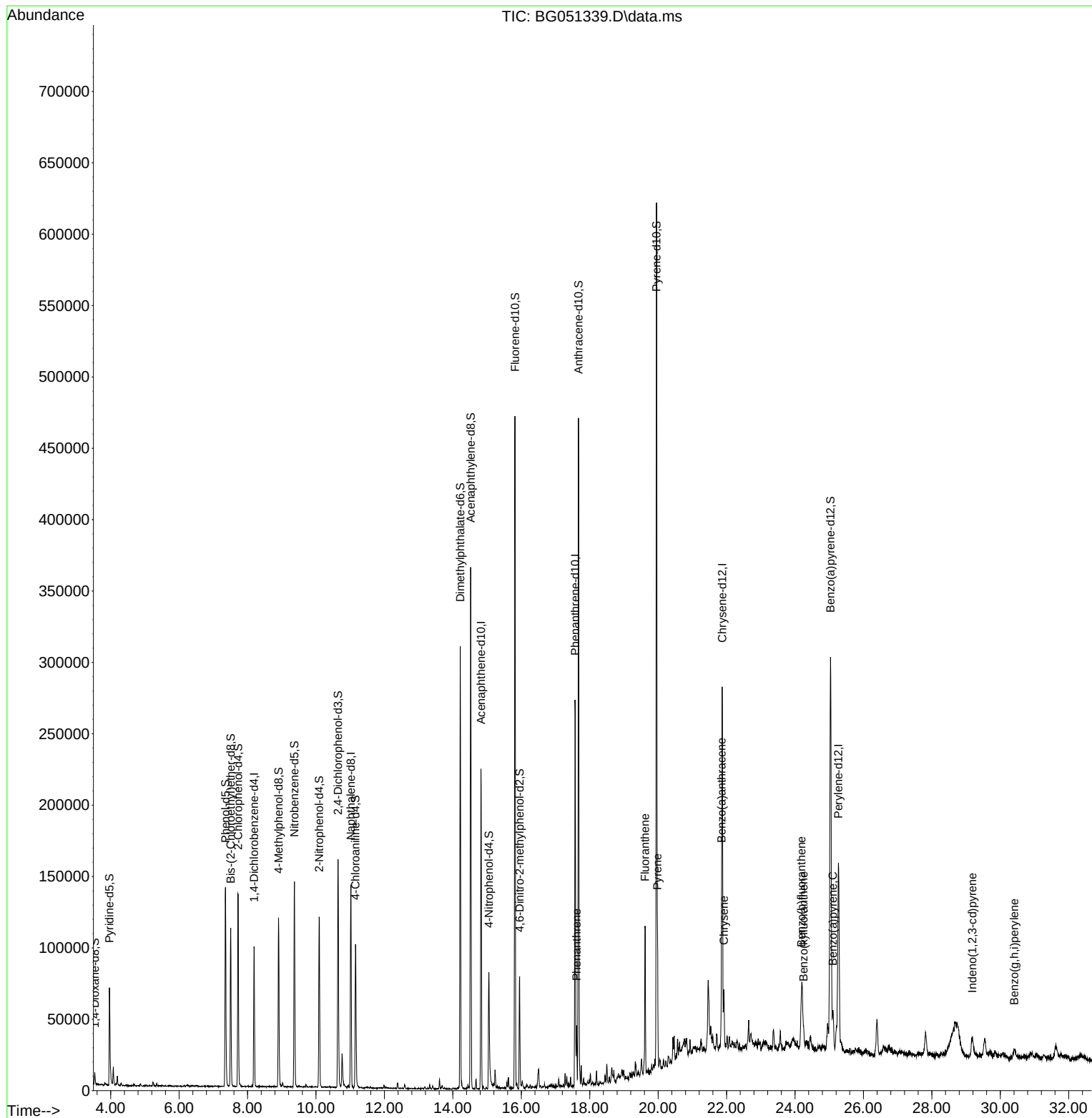
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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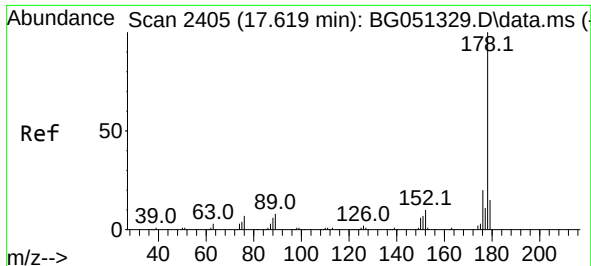
Instrument :
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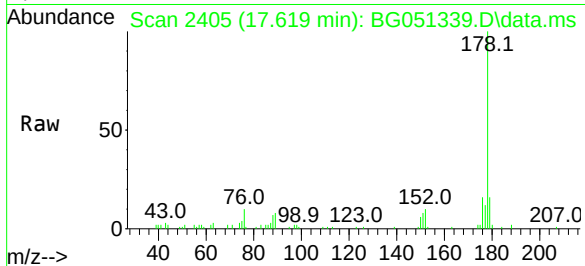
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021





#72
Phenanthrene
Concen: 2.885 ng/u1
RT: 17.619 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG051339.D
Acq: 3 Dec 2021 21:29

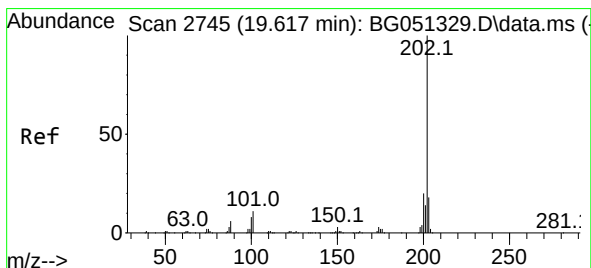
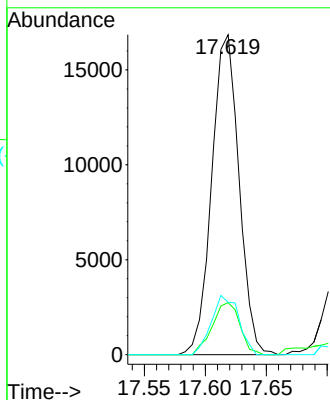
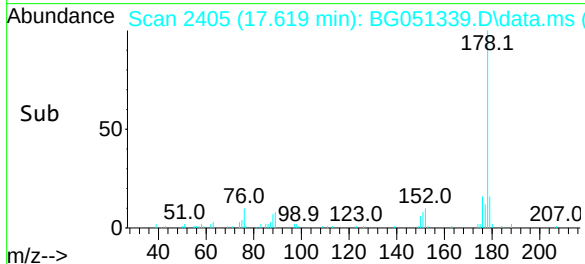
Instrument :
BNA_G
ClientSampleId :
ESQM7



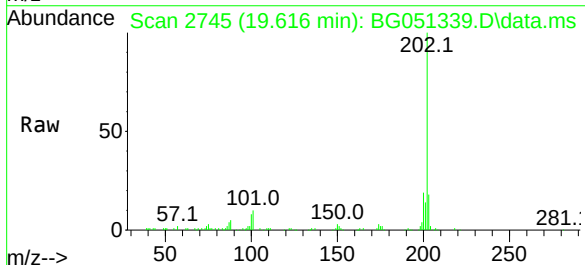
Tgt Ion:178 Resp: 2624
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 16.4 15.5 23.3

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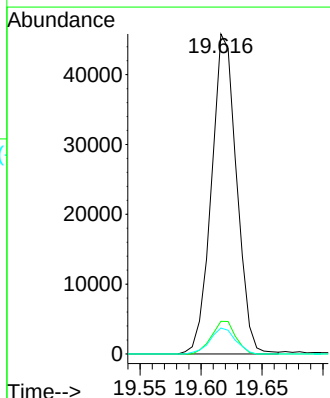
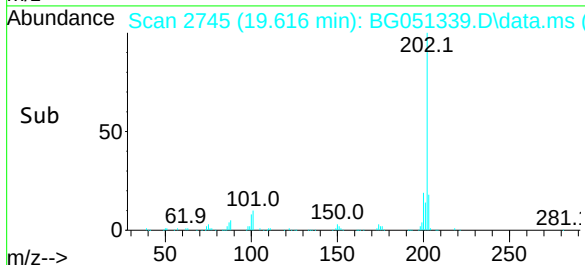
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

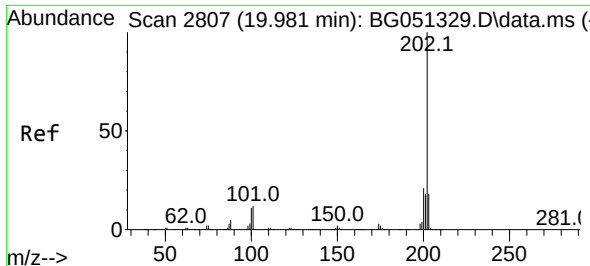


#80
Fluoranthene
Concen: 6.131 ng/u1
RT: 19.616 min Scan# 2745
Delta R.T. -0.009 min
Lab File: BG051339.D
Acq: 3 Dec 2021 21:29



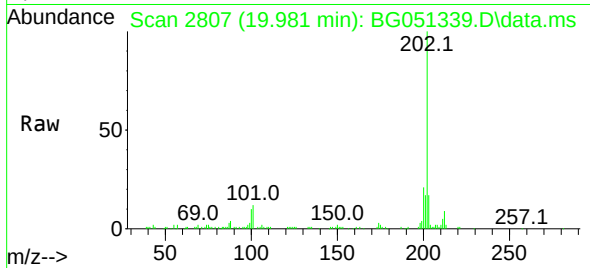
Tgt Ion:202 Resp: 65725
Ion Ratio Lower Upper
202 100
101 10.2 9.3 13.9
100 8.1 7.0 10.6





#82
 Pyrene
 Concen: 5.080 ng/ul
 RT: 19.981 min Scan# 2807
 Delta R.T. -0.009 min
 Lab File: BG051339.D
 Acq: 3 Dec 2021 21:29

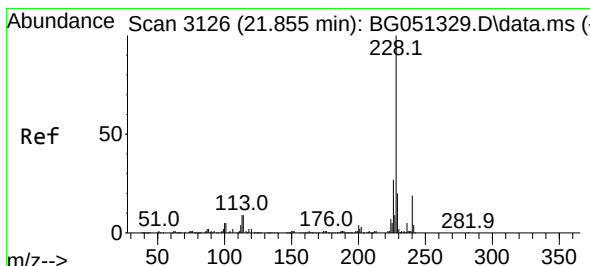
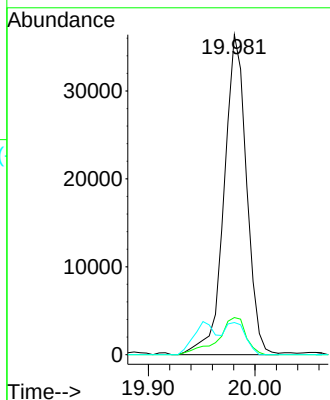
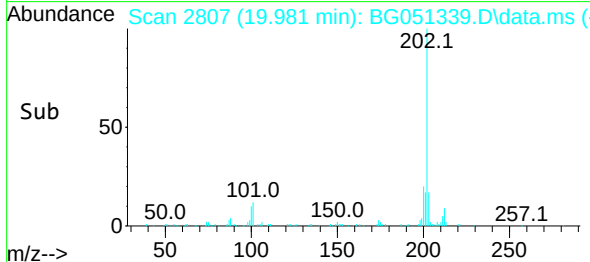
Instrument :
 BNA_G
 ClientSampleId :
 ESQM7



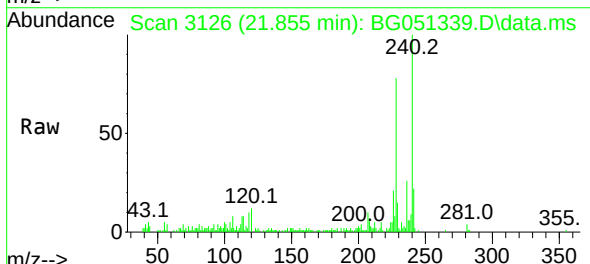
Tgt Ion:202 Resp: 53270
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.7 16.1
 100 10.1 9.0 13.6

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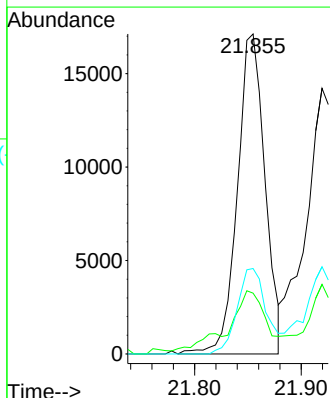
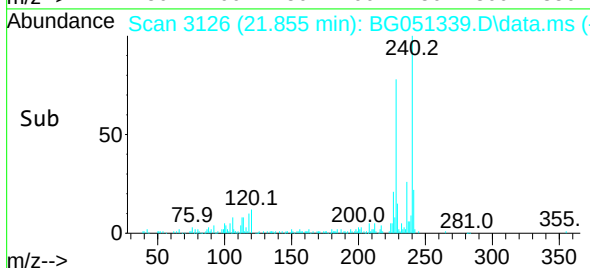
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

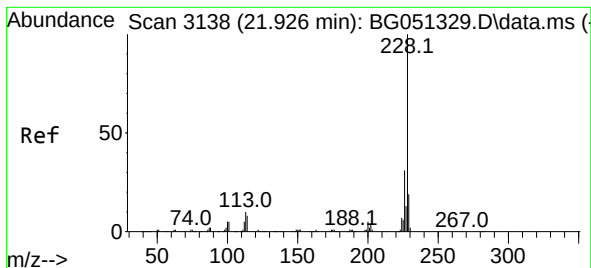


#85
 Benzo(a)anthracene
 Concen: 3.147 ng/ul
 RT: 21.855 min Scan# 3126
 Delta R.T. -0.009 min
 Lab File: BG051339.D
 Acq: 3 Dec 2021 21:29



Tgt Ion:228 Resp: 30792
 Ion Ratio Lower Upper
 228 100
 229 19.0 15.7 23.5
 226 26.7 22.3 33.5





#87

Chrysene

Concen: 3.207 ng/ul m

RT: 21.919 min Scan# 3137

Delta R.T. -0.015 min

Lab File: BG051339.D

Acq: 3 Dec 2021 21:29

Instrument :

BNA_G

ClientSampleId :

ESQM7

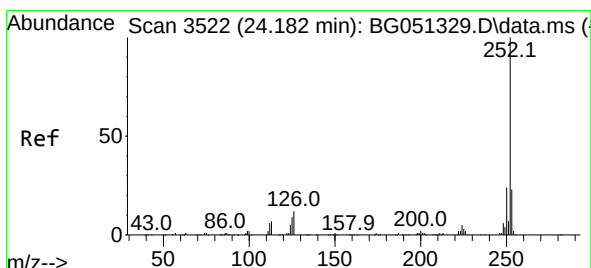
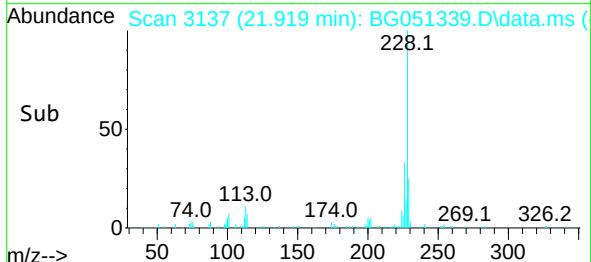
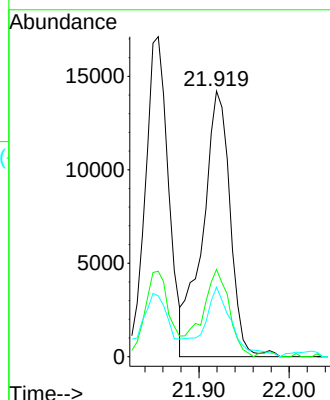
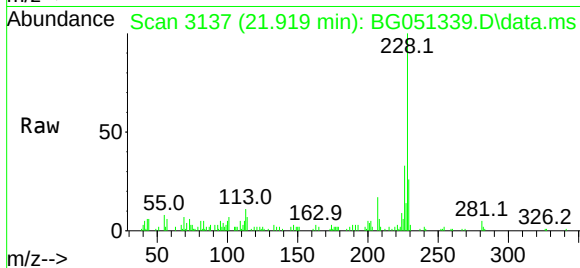
Tgt Ion:228 Resp: 30137

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.8	37.2
229	26.2	15.8	23.6

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#90

Benzo(b)fluoranthene

Concen: 4.604 ng/ul

RT: 24.187 min Scan# 3523

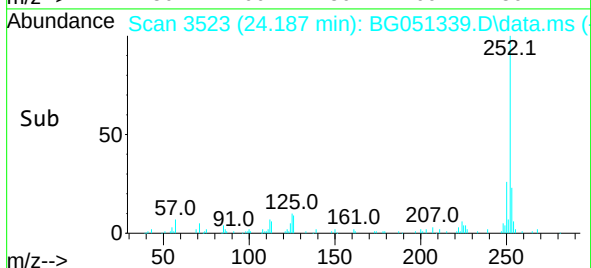
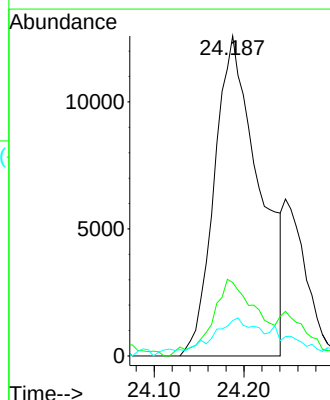
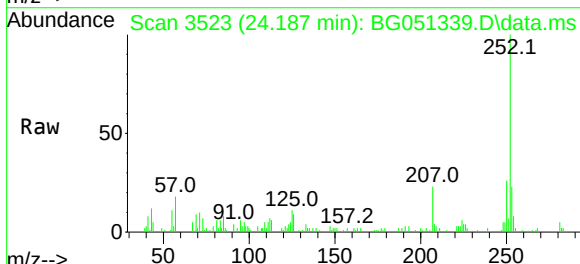
Delta R.T. -0.003 min

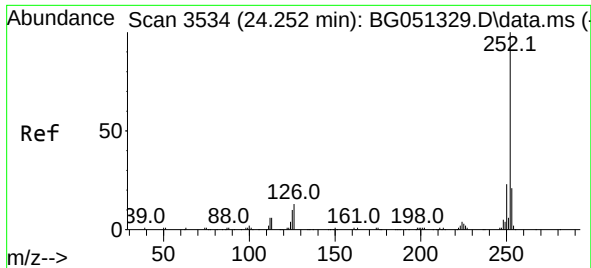
Lab File: BG051339.D

Acq: 3 Dec 2021 21:29

Tgt Ion:252 Resp: 43542

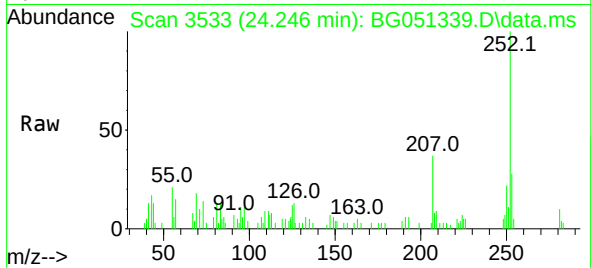
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.1	8.5	12.7





#91
Benzo(k)fluoranthene
Concen: 1.206 ng/ul m
RT: 24.246 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG051339.D
Acq: 3 Dec 2021 21:29

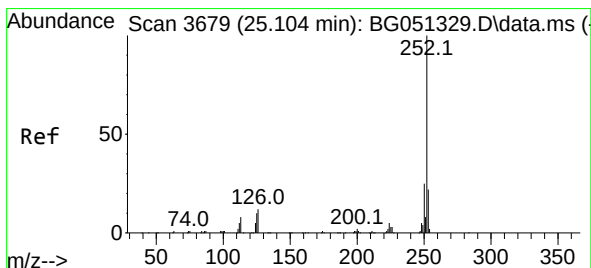
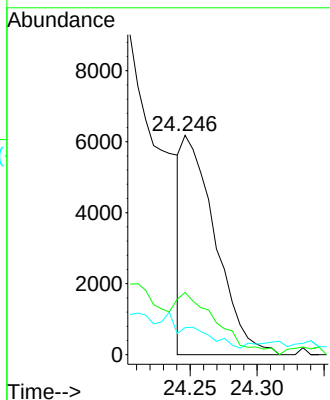
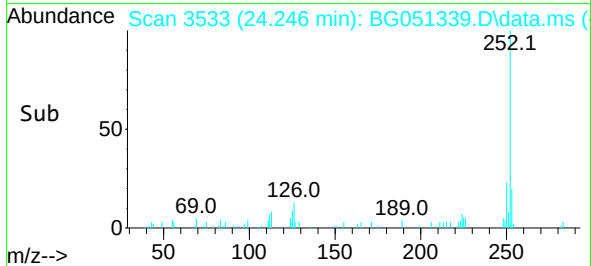
Instrument :
BNA_G
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ESQM7



Tgt Ion:252 Resp: 1070
Ion Ratio Lower Upper
252 100
253 28.4 17.3 25.9
125 12.3 7.8 11.6

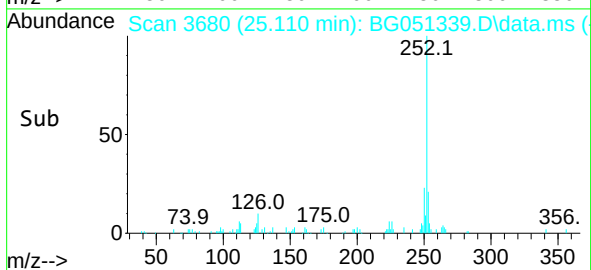
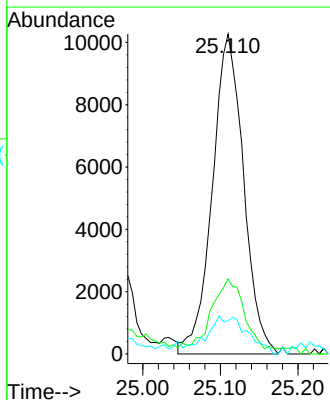
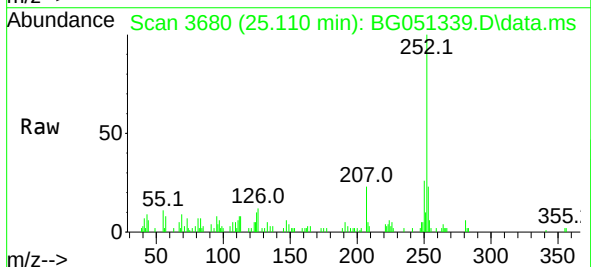
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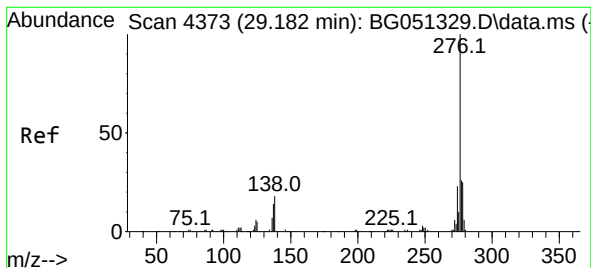
Reviewed By :Jagrut Upadhyay 12/06/2021
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#93
Benzo(a)pyrene
Concen: 3.180 ng/ul
RT: 25.110 min Scan# 3680
Delta R.T. -0.015 min
Lab File: BG051339.D
Acq: 3 Dec 2021 21:29

Tgt Ion:252 Resp: 28692
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.3 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.039 ng/ul m

RT: 29.182 min Scan# 4373

Delta R.T. -0.009 min

Lab File: BG051339.D

Acq: 3 Dec 2021 21:29

Instrument :

BNA_G

ClientSampleId :

ESQM7

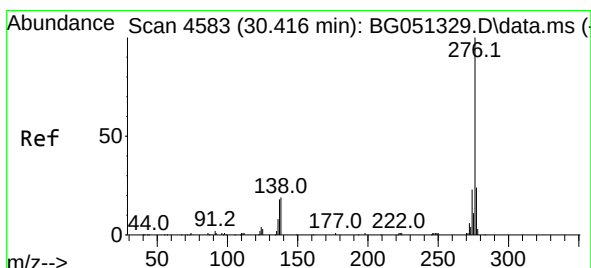
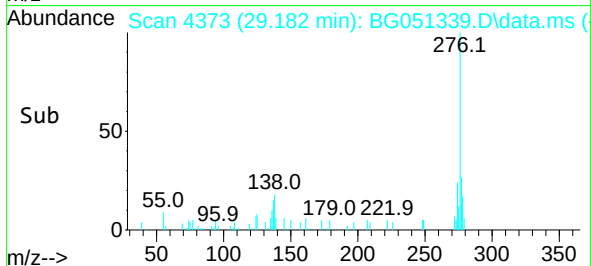
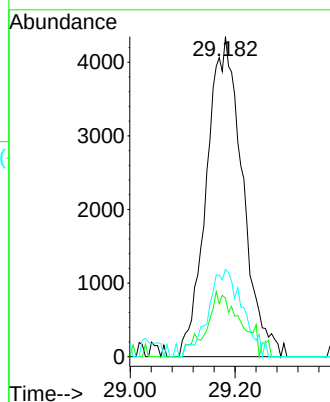
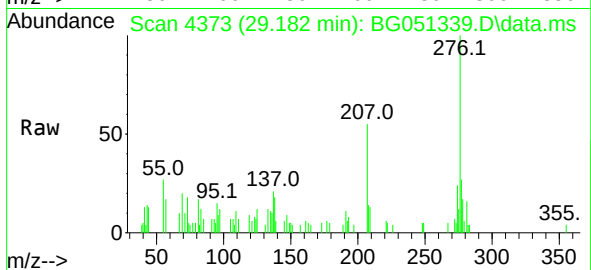
Tgt Ion:276 Resp: 20590

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.5	23.3
277	27.2	20.5	30.7

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#96

Benzo(g,h,i)perylene

Concen: 1.621 ng/ul m

RT: 30.410 min Scan# 4582

Delta R.T. -0.003 min

Lab File: BG051339.D

Acq: 3 Dec 2021 21:29

Tgt Ion:276 Resp: 13769

Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.6	24.8
277	29.3	17.6	26.4

