

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051342.D
 Acq On : 3 Dec 2021 23:32
 Operator : CG/JU
 Sample : M4833-03
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM3

Quant Time: Dec 04 00:42:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	30623	20.000	ng/u1	0.00
20) Naphthalene-d8	11.020	136	137919	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.821	164	90742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.577	188	189939	20.000	ng/u1	0.00
79) Chrysene-d12	21.878	240	160472	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	158305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	2542	2.885	ng/uL	0.00
4) Pyridine-d5	3.964	84	16636	6.434	ng/u1	-0.02
7) Phenol-d5	7.354	99	55229	18.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	39324	20.688	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	42418	19.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	29253	11.977	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	23957	20.577	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	26262	19.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	41826	18.771	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	37639	11.544	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	151377	21.681	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	199297	22.636	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	16651	14.733	ng/u1	0.00
60) Fluorene-d10	15.814	176	143955	22.896	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	12011	10.248	ng/u1	0.00
73) Anthracene-d10	17.671	188	216663	23.851	ng/u1	0.00
81) Pyrene-d10	19.957	212	259378	26.713	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	217725	25.752	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.622	202	32515	2.726	ng/u1	97
82) Pyrene	19.980	202	27619	2.368	ng/u1	98
85) Benzo(a)anthracene	21.854	228	12374	1.137	ng/u1	96
87) Chrysene	21.925	228	14656	1.402	ng/u1	98
90) Benzo(b)fluoranthene	24.193	252	21856	2.046	ng/u1	98
93) Benzo(a)pyrene	25.115	252	13624m	1.337	ng/u1	

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

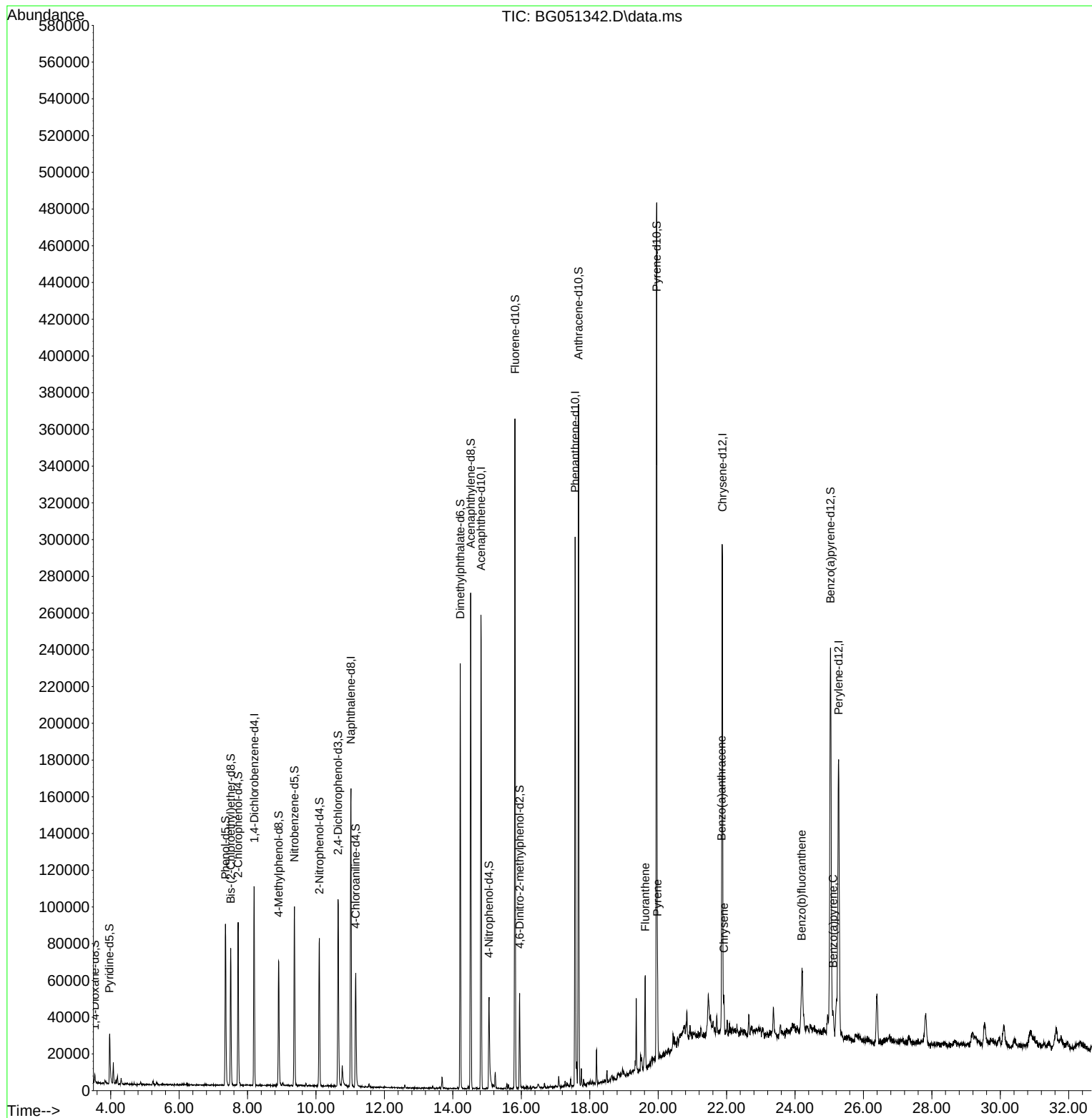
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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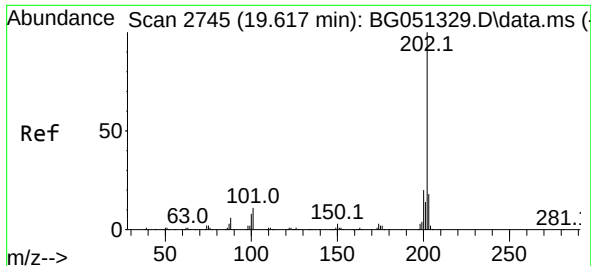
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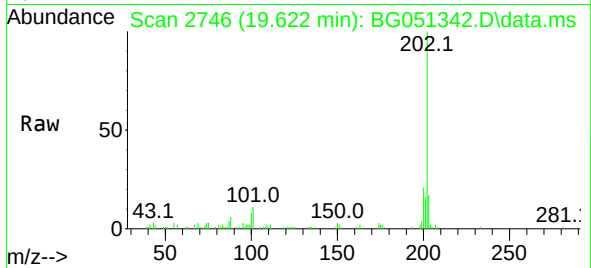
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021





#80
Fluoranthene
Concen: 2.726 ng/u1
RT: 19.622 min Scan# 2746
Delta R.T. -0.003 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32

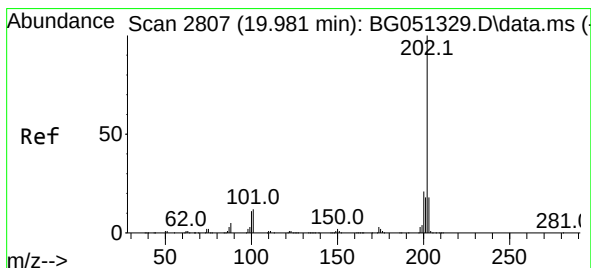
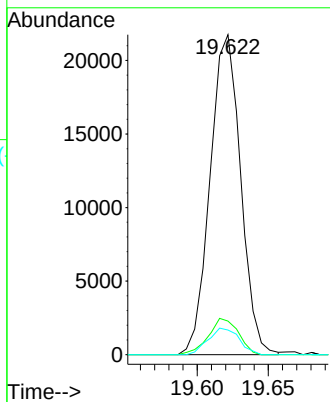
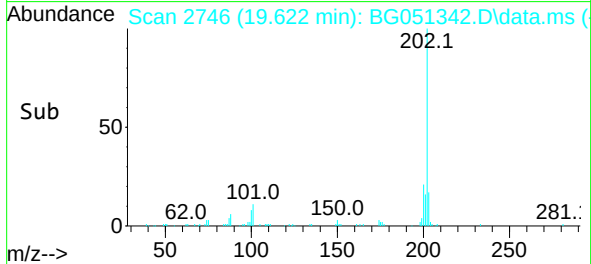
Instrument :
BNA_G
ClientSampleId :
ESQM3



Tgt Ion:202 Resp: 3251
Ion Ratio Lower Upper
202 100
101 10.5 9.3 13.9
100 7.7 7.0 10.6

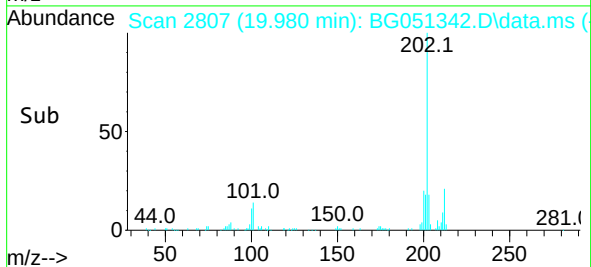
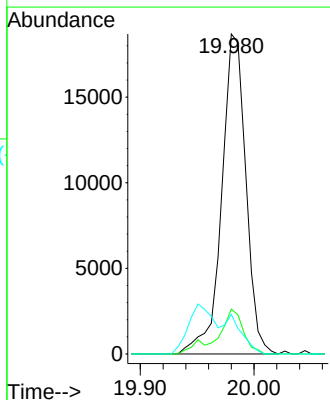
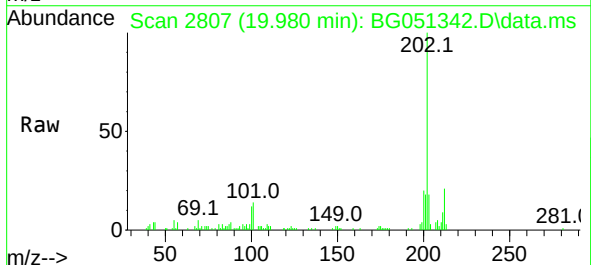
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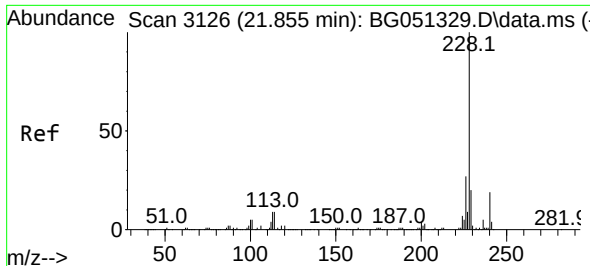
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#82
Pyrene
Concen: 2.368 ng/u1
RT: 19.980 min Scan# 2807
Delta R.T. -0.009 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32

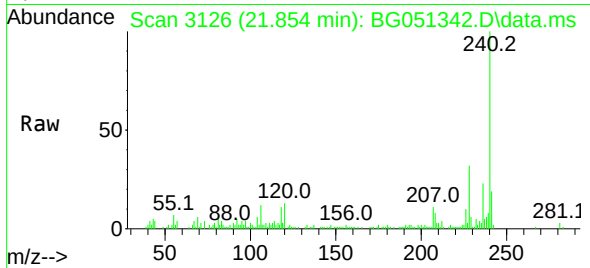
Tgt Ion:202 Resp: 27619
Ion Ratio Lower Upper
202 100
101 14.0 10.7 16.1
100 12.4 9.0 13.6





#85
Benzo(a)anthracene
Concen: 1.137 ng/ul
RT: 21.854 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32

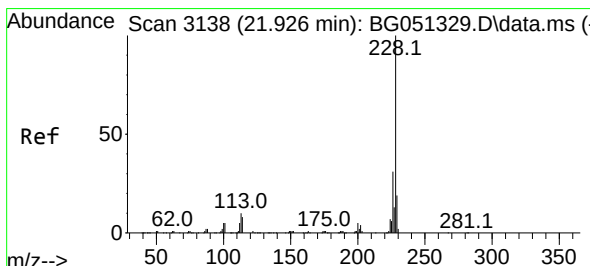
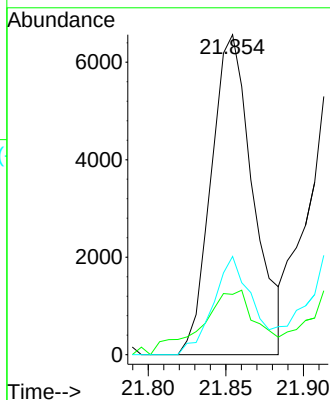
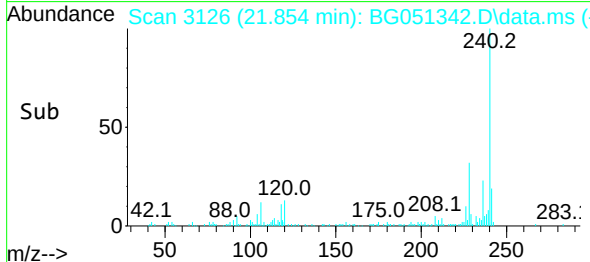
Instrument :
BNA_G
ClientSampleId :
ESQM3



Tgt Ion:228 Resp: 12374
Ion Ratio Lower Upper
228 100
229 18.8 15.7 23.5
226 30.7 22.3 33.5

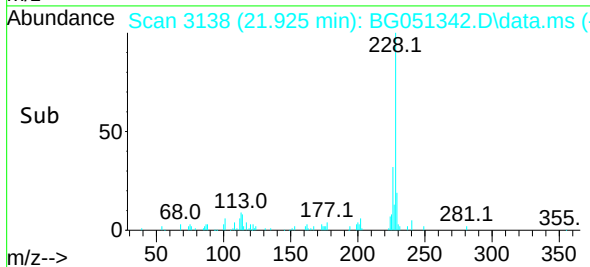
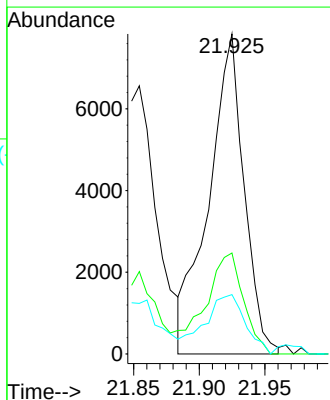
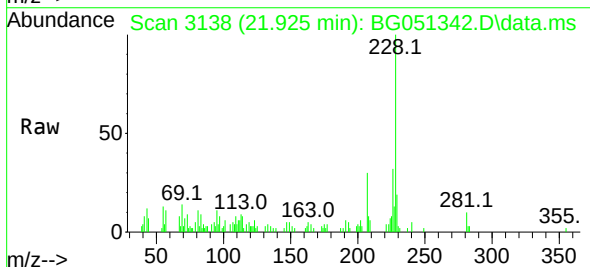
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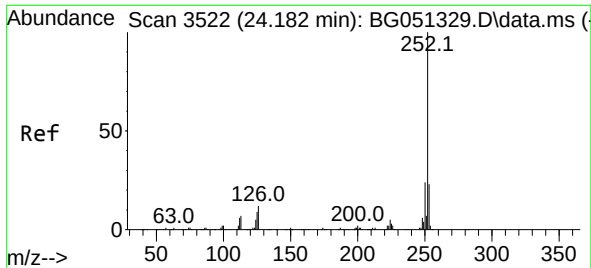
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#87
Chrysene
Concen: 1.402 ng/ul
RT: 21.925 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32

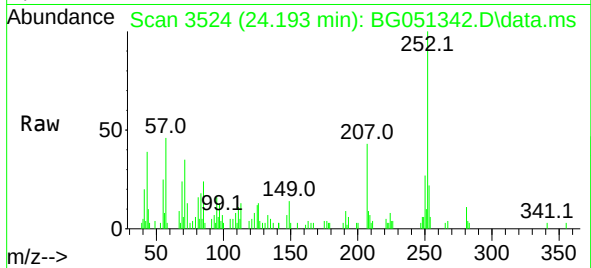
Tgt Ion:228 Resp: 14656
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 18.5 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 2.046 ng/ul
RT: 24.193 min Scan# 3522
Delta R.T. 0.003 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32

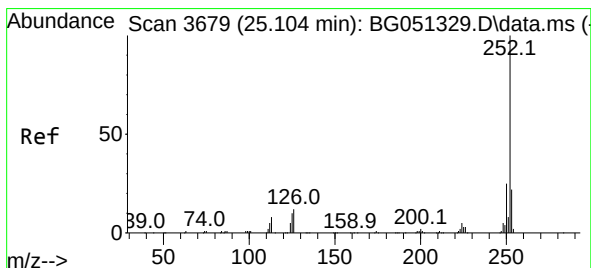
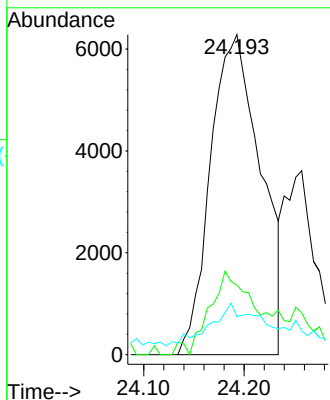
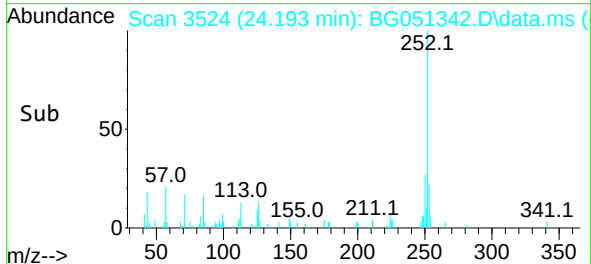
Instrument :
BNA_G
ClientSampleId :
ESQM3



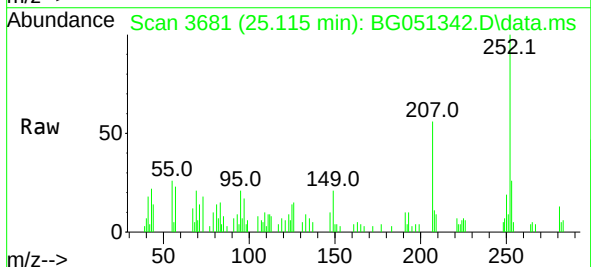
Tgt Ion:252 Resp: 21850
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.9 8.5 12.7

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#93
Benzo(a)pyrene
Concen: 1.337 ng/ul m
RT: 25.115 min Scan# 3681
Delta R.T. -0.009 min
Lab File: BG051342.D
Acq: 3 Dec 2021 23:32



Tgt Ion:252 Resp: 13624
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 13.5 9.1 13.7

