

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010422\
 Data File : BG051871.D
 Acq On : 4 Jan 2022 15:34
 Operator : CG/JU
 Sample : M5246-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCEN2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2022
 Supervised By :Yogesh Patel 01/08/2022

Quant Time: Jan 04 16:14:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 31 00:13:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	25614	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.095	136	106673	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.896	164	84626	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	217425	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.951	240	209929	20.000	ng/u1	#-0.02
88) Perylene-d12	25.435	264	203837	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	2373m	3.848	ng/uL	0.00
4) Pyridine-d5	4.022	84	8546	4.586	ng/u1	0.00
7) Phenol-d5	7.394	99	41580	18.181	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.565	67	30407	22.365	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.788	132	28495	17.915	ng/u1	0.00
15) 4-Methylphenol-d8	8.957	113	34570	19.555	ng/u1	-0.01
21) Nitrobenzene-d5	9.421	128	16575	21.193	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.161	143	18573	21.724	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.707	165	32795	17.689	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.219	131	43200	17.697	ng/u1	-0.01
46) Dimethylphthalate-d6	14.285	166	146409	21.615	ng/u1	0.00
49) Acenaphthylene-d8	14.590	160	152868	18.172	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.066	143	19772	17.950	ng/u1	-0.01
60) Fluorene-d10	15.883	176	120775	19.902	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.989	200	23173	20.456	ng/u1	0.00
73) Anthracene-d10	17.739	188	206978	19.956	ng/u1	0.00
81) Pyrene-d10	20.013	212	248538	19.671	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.194	264	202472	18.878	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.680	178	40376	3.610	ng/u1#	94
74) Anthracene	17.774	178	16474	1.458	ng/u1#	88
80) Fluoranthene	19.684	202	53773	3.708	ng/u1#	91
82) Pyrene	20.042	202	72051	5.020	ng/u1#	92
85) Benzo(a)anthracene	21.933	228	35022	2.564	ng/u1	95
87) Chrysene	22.004	228	34024	2.579	ng/u1	96
90) Benzo(b)fluoranthene	24.324	252	24542	1.798	ng/u1	97
93) Benzo(a)pyrene	25.264	252	24591m	1.908	ng/u1	

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

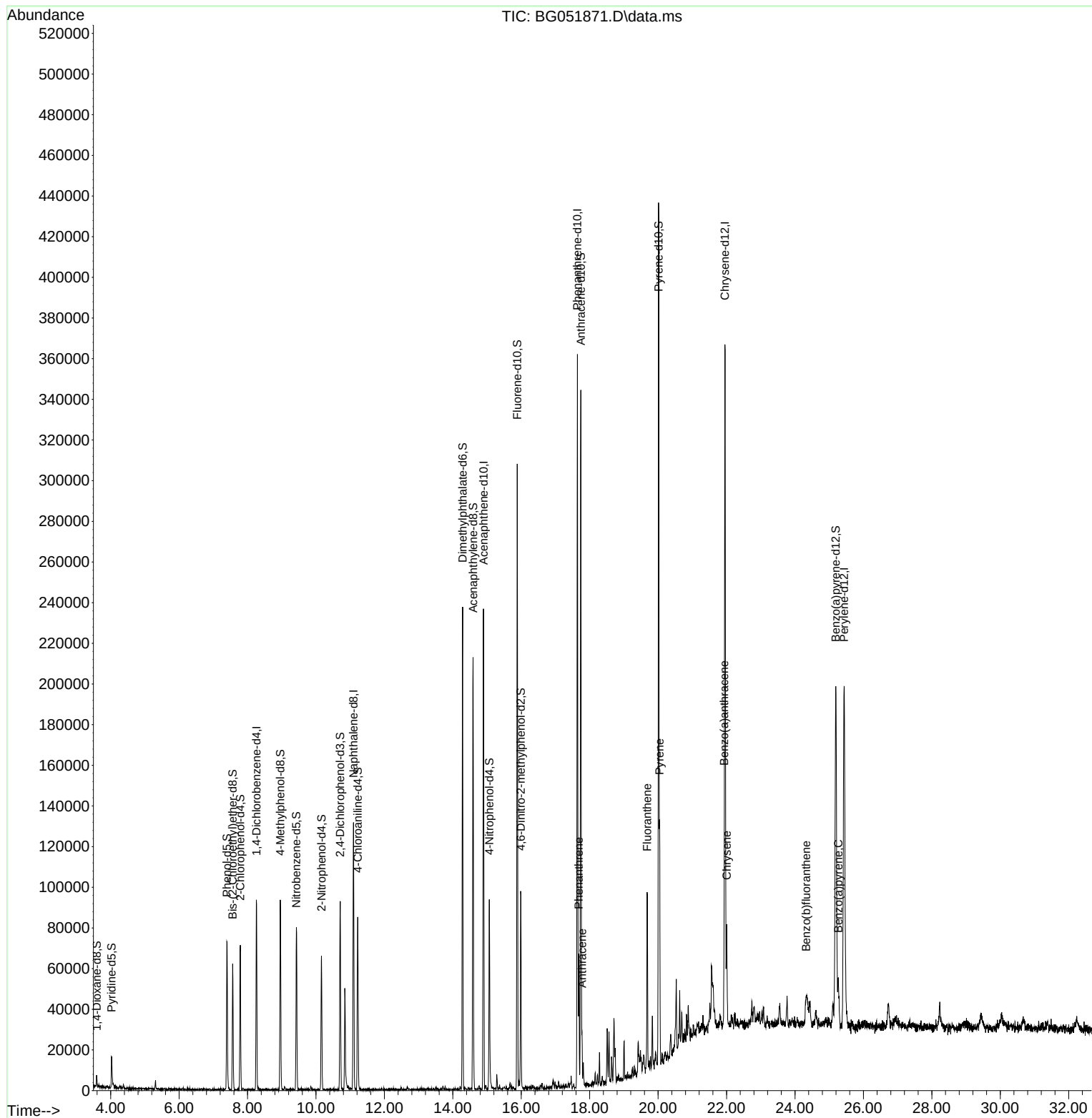
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010422\
Data File : BG051871.D
Acq On : 4 Jan 2022 15:34
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ALS Vial : 8 Sample Multiplier: 1

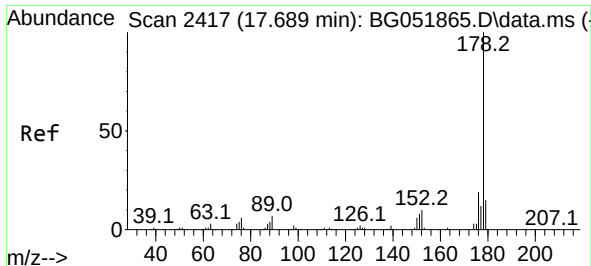
Instrument :
BNA_G
ClientSampleId :
JCEN2

Quant Time: Jan 04 16:14:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 31 00:13:36 2021
Response via : Initial Calibration

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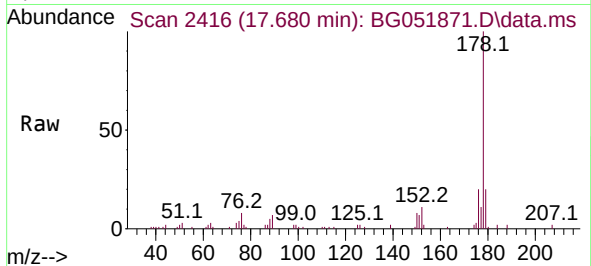
Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :Yogesh Patel 01/08/2022





#72
Phenanthrene
Concen: 3.610 ng/ul
RT: 17.680 min Scan# 2417
Delta R.T. -0.011 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34

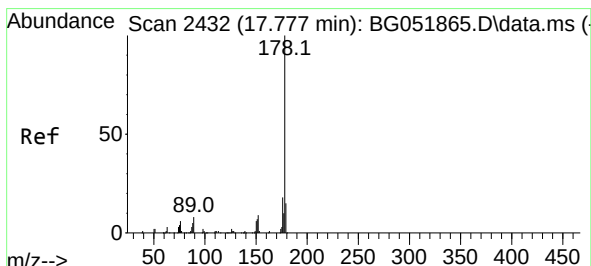
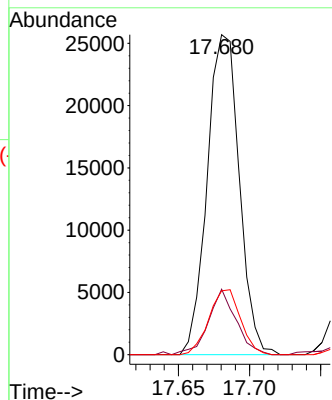
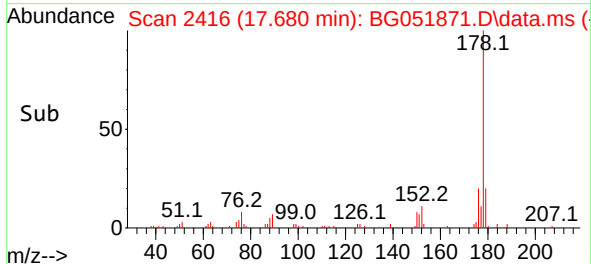
Instrument :
BNA_G
ClientSampleId :
JCEN2



Tgt Ion:178 Resp: 40370
Ion Ratio Lower Upper
178 100
179 20.5 12.3 18.5
176 20.0 15.5 23.3

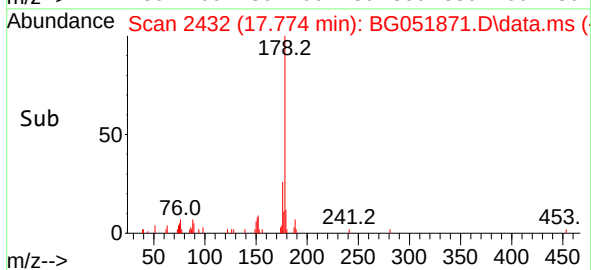
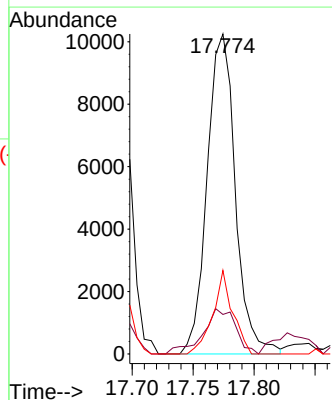
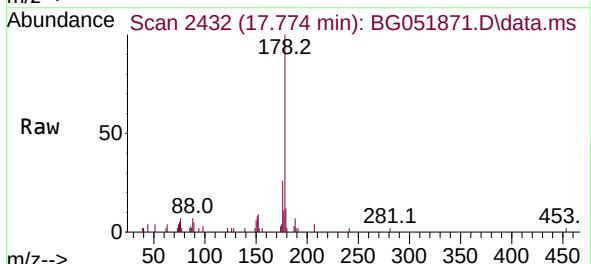
Manual Integrations
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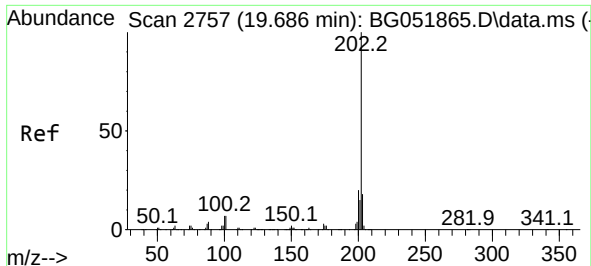
Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :Yogesh Patel 01/08/2022



#74
Anthracene
Concen: 1.458 ng/ul
RT: 17.774 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34

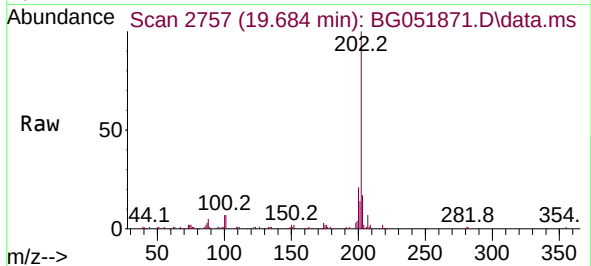
Tgt Ion:178 Resp: 16474
Ion Ratio Lower Upper
178 100
179 12.3 13.0 19.6#
176 26.1 15.6 23.4#





#80
Fluoranthene
Concen: 3.708 ng/ul
RT: 19.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34

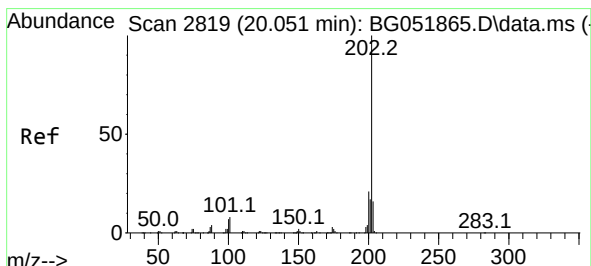
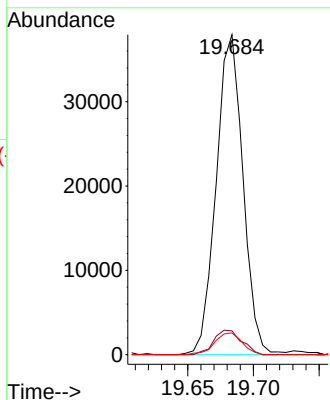
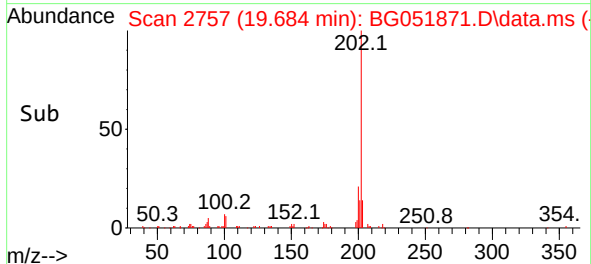
Instrument :
BNA_G
ClientSampleId :
JCEN2



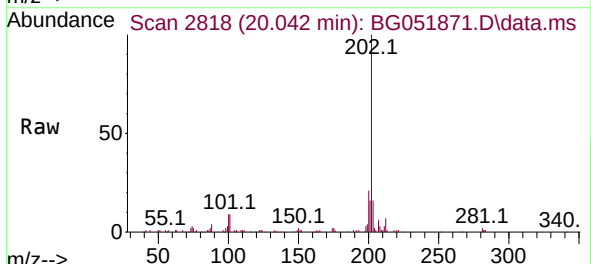
Tgt Ion:202 Resp: 5377
Ion Ratio Lower Upper
202 100
101 7.4 9.3 13.9
100 6.8 7.0 10.6

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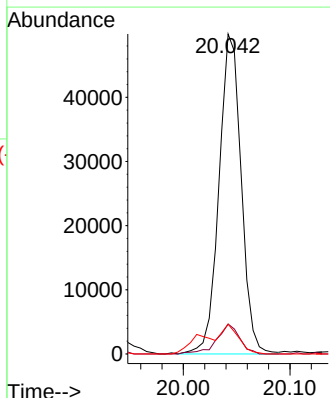
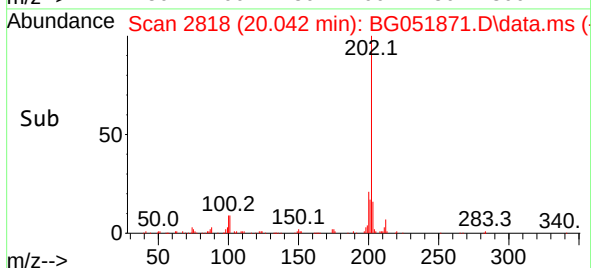
Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :Yogesh Patel 01/08/2022

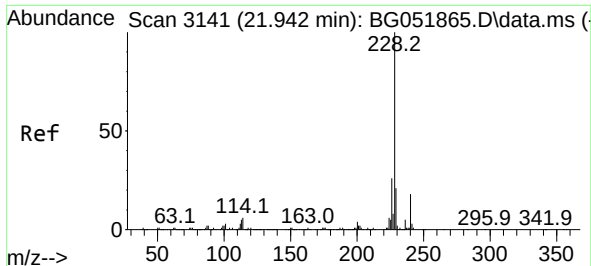


#82
Pyrene
Concen: 5.020 ng/ul
RT: 20.042 min Scan# 2818
Delta R.T. -0.011 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34



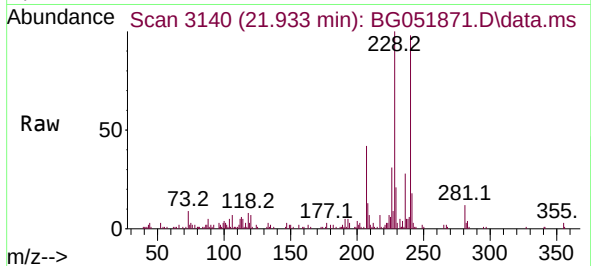
Tgt Ion:202 Resp: 72051
Ion Ratio Lower Upper
202 100
101 9.3 10.7 16.1#
100 9.3 9.0 13.6





#85
Benzo(a)anthracene
Concen: 2.564 ng/u1
RT: 21.933 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34

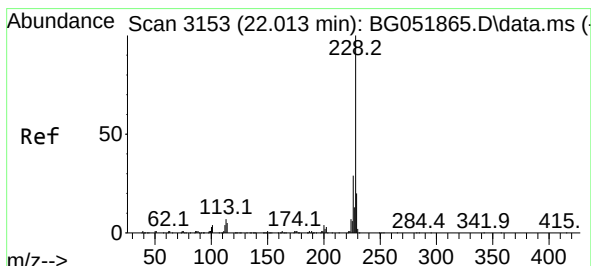
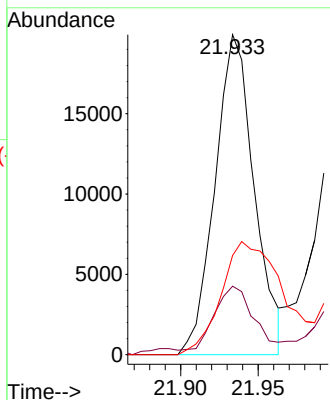
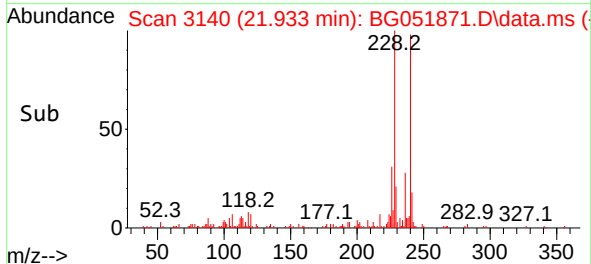
Instrument :
BNA_G
ClientSampleId :
JCEN2



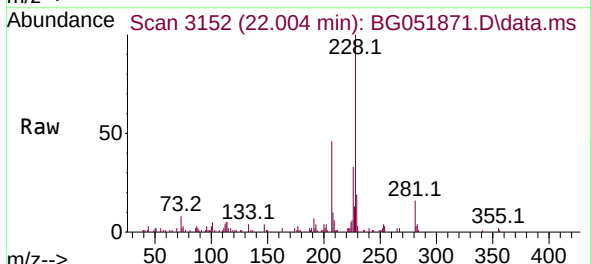
Tgt Ion:228 Resp: 3502
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 31.0 22.3 33.5

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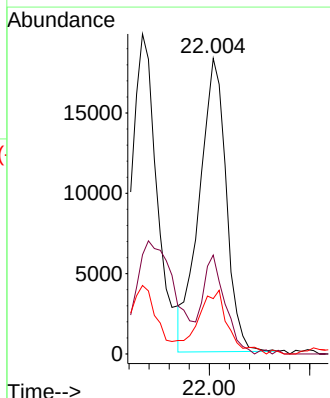
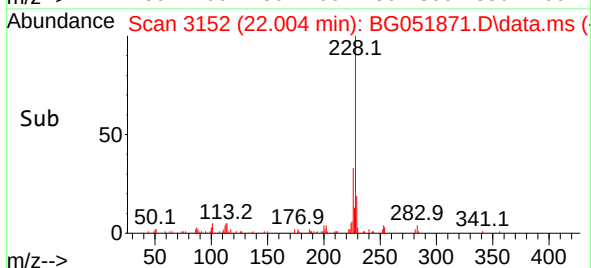
Reviewed By :Jagrut Upadhyay 01/04/2022
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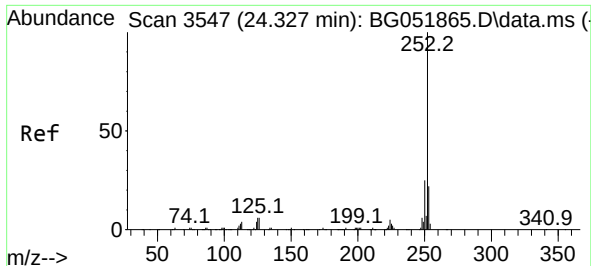


#87
Chrysene
Concen: 2.579 ng/u1
RT: 22.004 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34



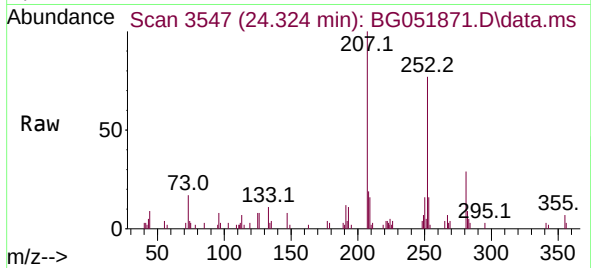
Tgt Ion:228 Resp: 34024
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 18.7 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 1.798 ng/ul
RT: 24.324 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34

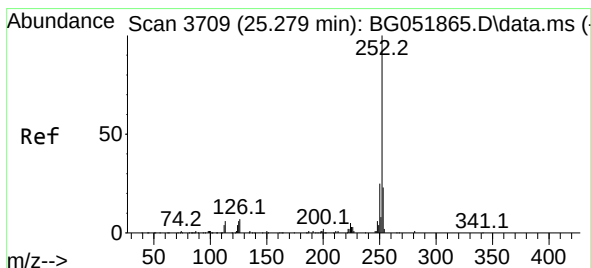
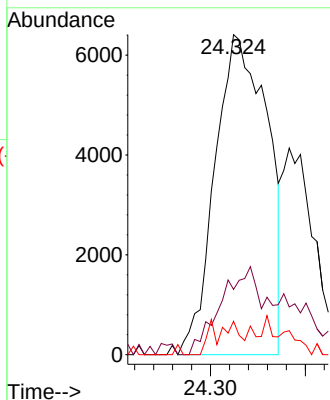
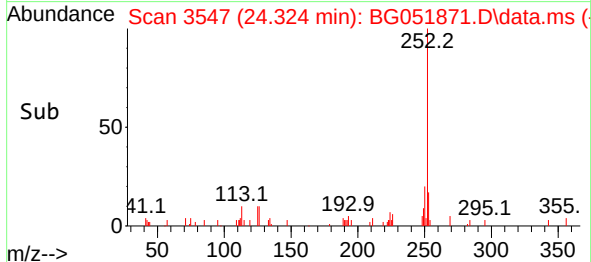
Instrument :
BNA_G
ClientSampleId :
JCEN2



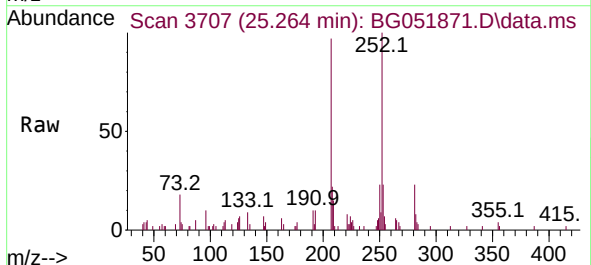
Tgt Ion:252 Resp: 2454
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.6
125 10.5 8.5 12.7

Manual Integrations
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Supervised By :Yogesh Patel 01/08/2022



#93
Benzo(a)pyrene
Concen: 1.908 ng/ul m
RT: 25.264 min Scan# 3707
Delta R.T. -0.023 min
Lab File: BG051871.D
Acq: 4 Jan 2022 15:34



Tgt Ion:252 Resp: 24591
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 6.3 9.1 13.7#

