

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056110.D
 Acq On : 25 Dec 2022 5:18
 Operator : CG/JU
 Sample : N6017-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 22:36:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	39464	20.000	ng/u1	0.00
20) Naphthalene-d8	11.178	136	167383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.956	164	148699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.688	188	375506	20.000	ng/u1	0.00
79) Chrysene-d12	21.989	240	366169	20.000	ng/u1	0.00
88) Perylene-d12	25.461	264	388607	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2955	3.134	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.471	99	65901	18.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.647	67	29182	20.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.870	132	45371	21.445	ng/u1	0.00
15) 4-Methylphenol-d8	9.034	113	45838	17.014	ng/u1	0.00
21) Nitrobenzene-d5	9.515	128	24345	19.969	ng/u1	0.00
24) 2-Nitrophenol-d4	10.250	143	32295	20.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	67428	19.050	ng/u1	0.00
31) 4-Chloroaniline-d4	11.302	131	48624	12.145	ng/u1	0.00
46) Dimethylphthalate-d6	14.345	166	229954	19.981	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	257095	19.781	ng/u1	0.00
54) 4-Nitrophenol-d4	15.115	143	30135	17.395	ng/u1	0.00
60) Fluorene-d10	15.937	176	222484	19.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.037	200	42345	17.542	ng/u1	0.00
73) Anthracene-d10	17.788	188	350503	20.199	ng/u1	0.00
81) Pyrene-d10	20.050	212	446459	22.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.215	264	428543	21.696	ng/u1	0.00
Target Compounds						
80) Fluoranthene	19.721	202	39017	1.641	ng/u1	99
82) Pyrene	20.080	202	30876	1.287	ng/u1#	92
85) Benzo(a)anthracene	21.966	228	25924	1.037	ng/u1	99
87) Chrysene	22.036	228	25674m	1.107	ng/u1	
90) Benzo(b)fluoranthene	24.351	252	41710	1.626	ng/u1#	95
93) Benzo(a)pyrene	25.291	252	27578m	1.234	ng/u1	

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

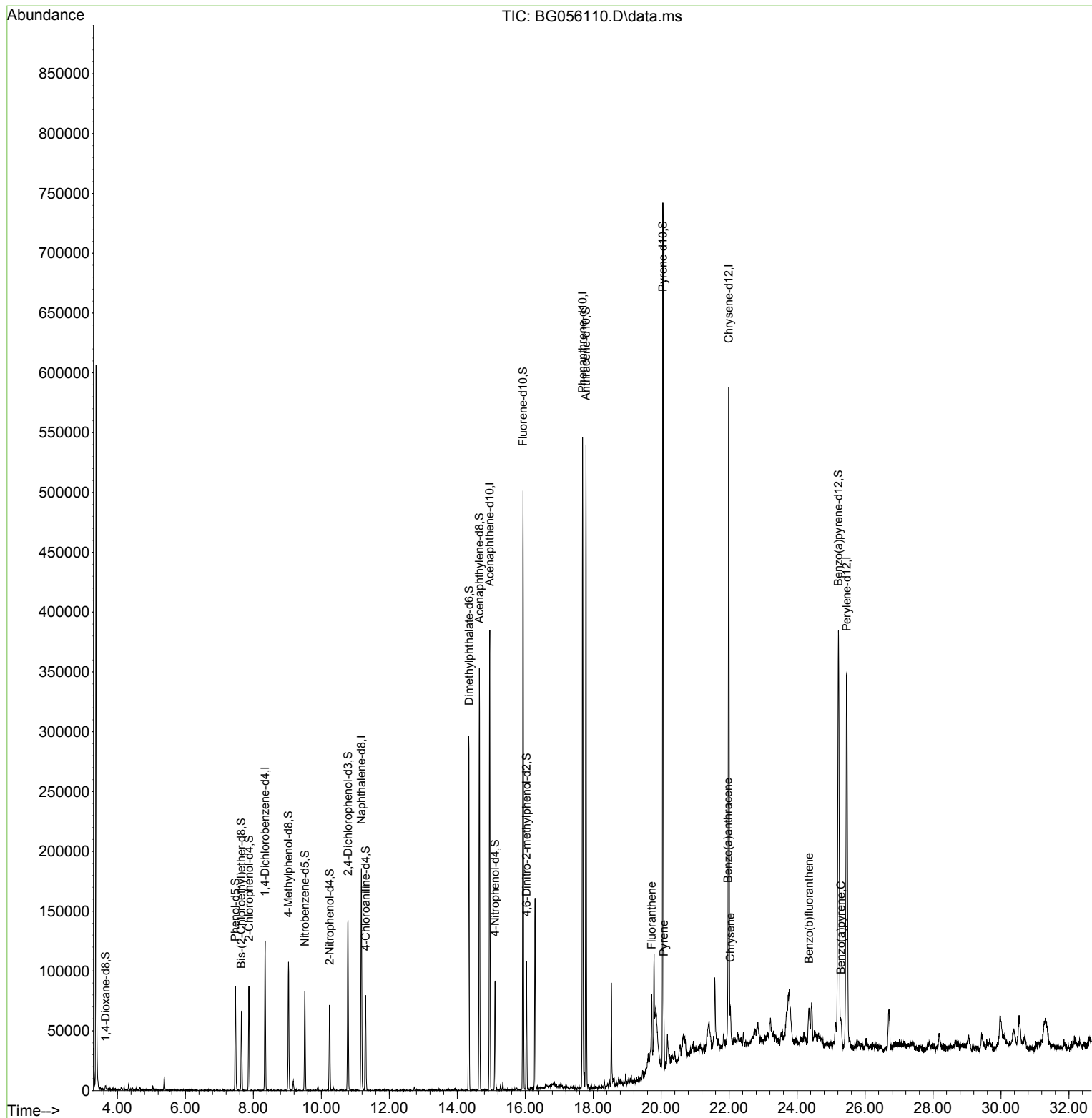
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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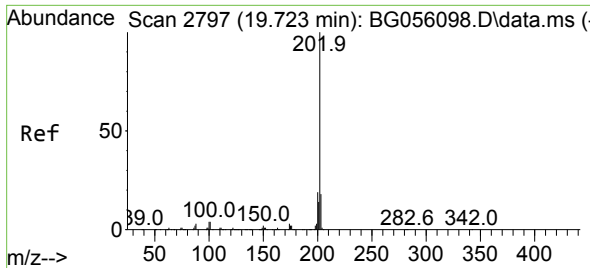
Instrument :
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ClientSampleId :
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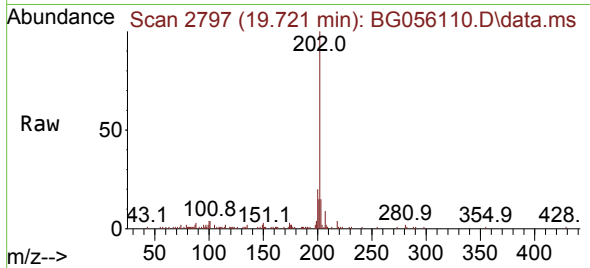
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#80
Fluoranthene
Concen: 1.641 ng/ul
RT: 19.721 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

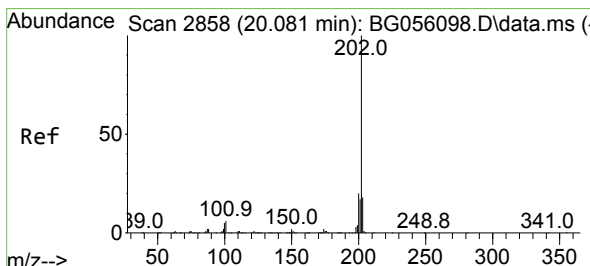
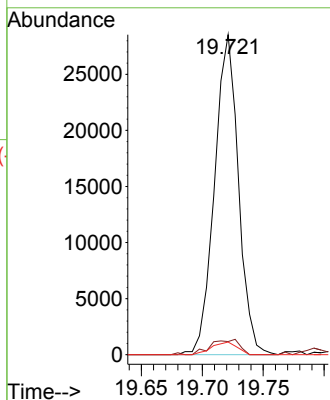
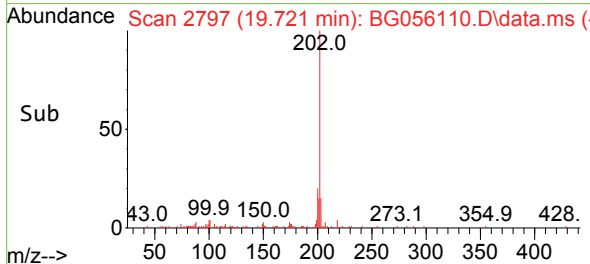
Instrument :
BNA_G
ClientSampleId :
DBYF7



Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.1	3.2	4.8
100	3.9	3.0	4.4

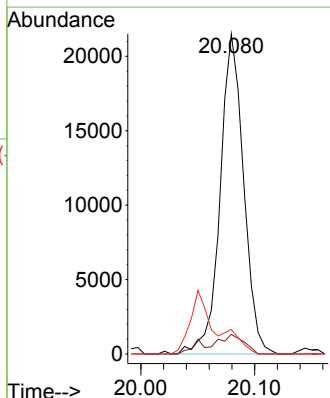
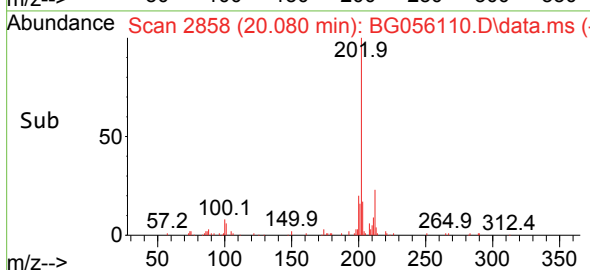
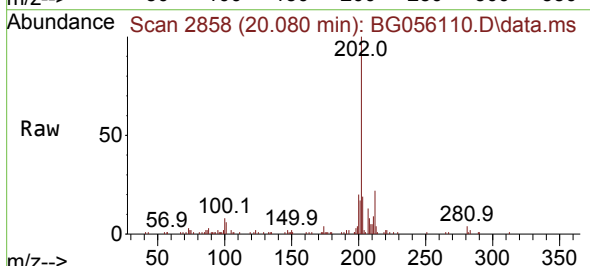
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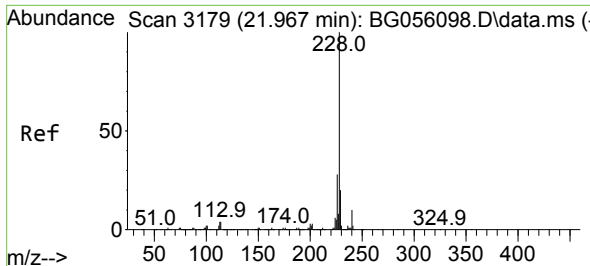
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#82
Pyrene
Concen: 1.287 ng/ul
RT: 20.080 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

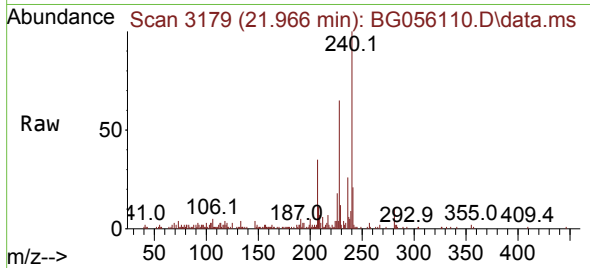
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	3.6	5.4#
100	7.6	3.3	4.9#





#85
Benzo(a)anthracene
Concen: 1.037 ng/ul
RT: 21.966 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

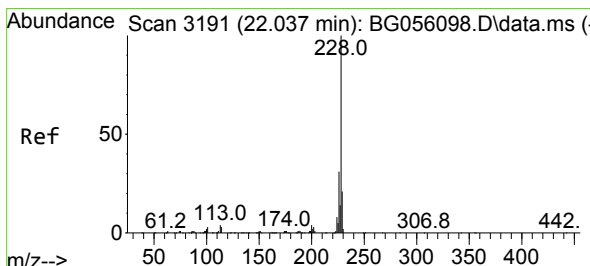
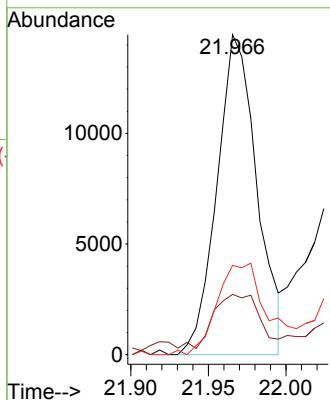
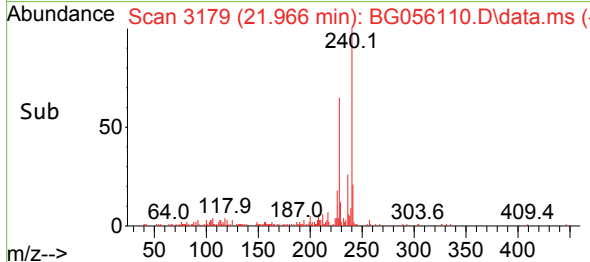
Instrument :
BNA_G
ClientSampleId :
DBYF7



Tgt Ion:228 Resp: 25924
Ion Ratio Lower Upper
228 100
229 18.9 15.5 23.3
226 27.9 22.3 33.5

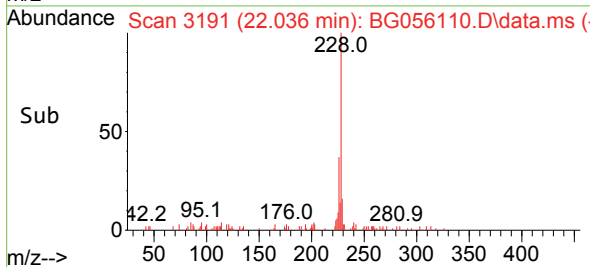
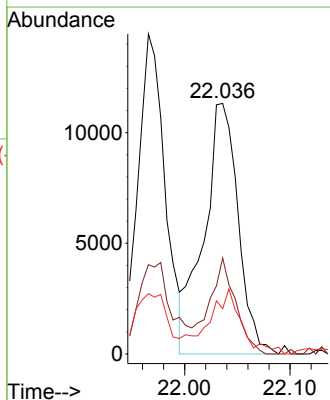
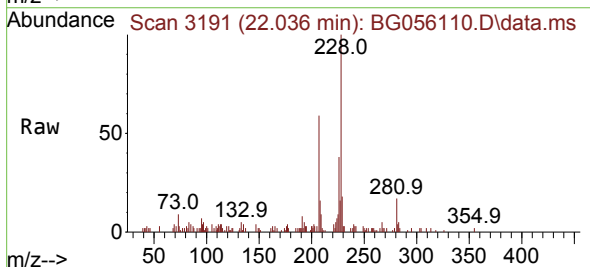
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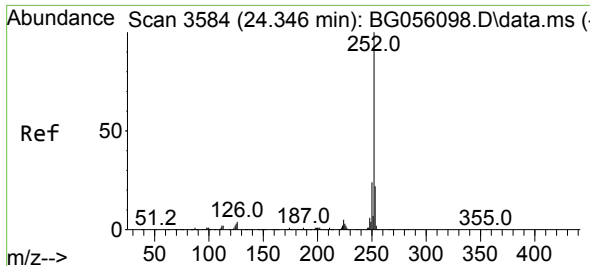
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#87
Chrysene
Concen: 1.107 ng/ul m
RT: 22.036 min Scan# 3191
Delta R.T. -0.007 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

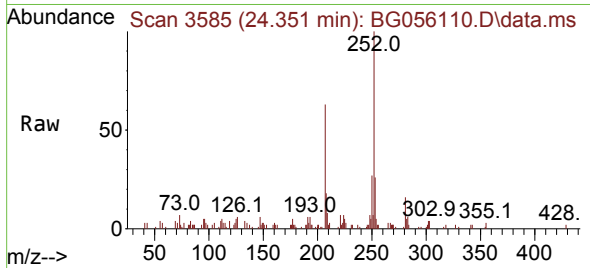
Tgt Ion:228 Resp: 25674
Ion Ratio Lower Upper
228 100
226 38.3 23.9 35.9#
229 18.1 16.2 24.4





#90
Benzo(b)fluoranthene
Concen: 1.626 ng/ul
RT: 24.351 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

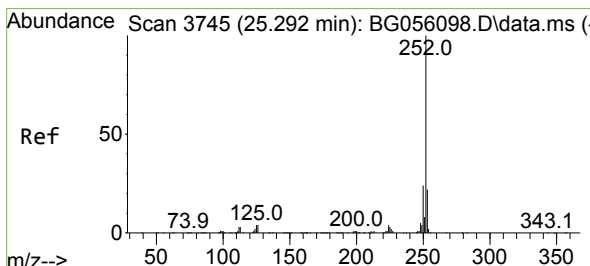
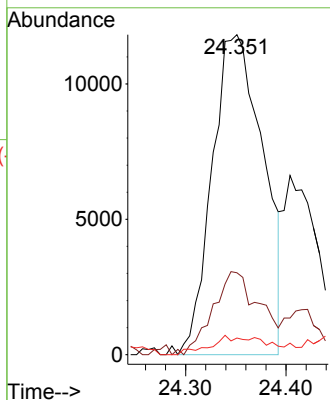
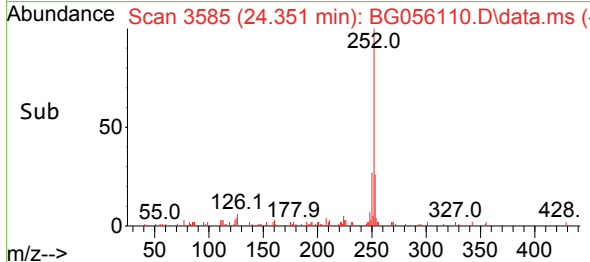
Instrument :
BNA_G
ClientSampleId :
DBYF7



Tgt Ion:252 Resp: 41710
Ion Ratio Lower Upper
252 100
253 25.6 18.5 27.7
125 5.2 2.2 3.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#93
Benzo(a)pyrene
Concen: 1.234 ng/ul m
RT: 25.291 min Scan# 3745
Delta R.T. -0.007 min
Lab File: BG056110.D
Acq: 25 Dec 2022 5:18

Tgt Ion:252 Resp: 27578
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 3.7 2.3 3.5

