

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061386.D
 Acq On : 31 May 2024 9:31
 Operator : MA/JU
 Sample : P2570-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 10:45:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	31726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.664	136	118945	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.507	164	87191	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	196122	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.510	240	207821	20.000	ng/u1	0.00
88) Perylene-d12	24.595	264	234455	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2475	4.366	ng/uL	0.00
4) Pyridine-d5	3.743	84	36678	18.186	ng/u1	0.00
7) Phenol-d5	7.057	99	56941	21.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	37071	22.638	ng/u1	0.00
11) 2-Chlorophenol-d4	7.409	132	47526	24.648	ng/u1	0.00
15) 4-Methylphenol-d8	8.590	113	50197	22.595	ng/u1	0.00
21) Nitrobenzene-d5	9.031	128	23924	26.124	ng/u1	0.00
24) 2-Nitrophenol-d4	9.754	143	27208	25.386	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	54861	26.256	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	63435	23.205	ng/u1	0.00
46) Dimethylphthalate-d6	13.913	166	178922	26.459	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	199318	28.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	19596	23.439	ng/u1	0.00
60) Fluorene-d10	15.506	176	158558	27.158	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	18420	15.529	ng/u1	0.00
73) Anthracene-d10	17.356	188	257996	29.839	ng/u1	0.00
81) Pyrene-d10	19.648	212	308864	28.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.383	264	332349	29.485	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.313	202	23113	1.806	ng/u1#	98
82) Pyrene	19.677	202	25140	1.892	ng/u1	98
85) Benzo(a)anthracene	21.493	228	16880	1.177	ng/u1	99
87) Chrysene	21.551	228	16278m	1.233	ng/u1	
90) Benzo(b)fluoranthene	23.625	252	19987	1.432	ng/u1	94
93) Benzo(a)pyrene	24.448	252	13405	1.011	ng/u1#	79

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

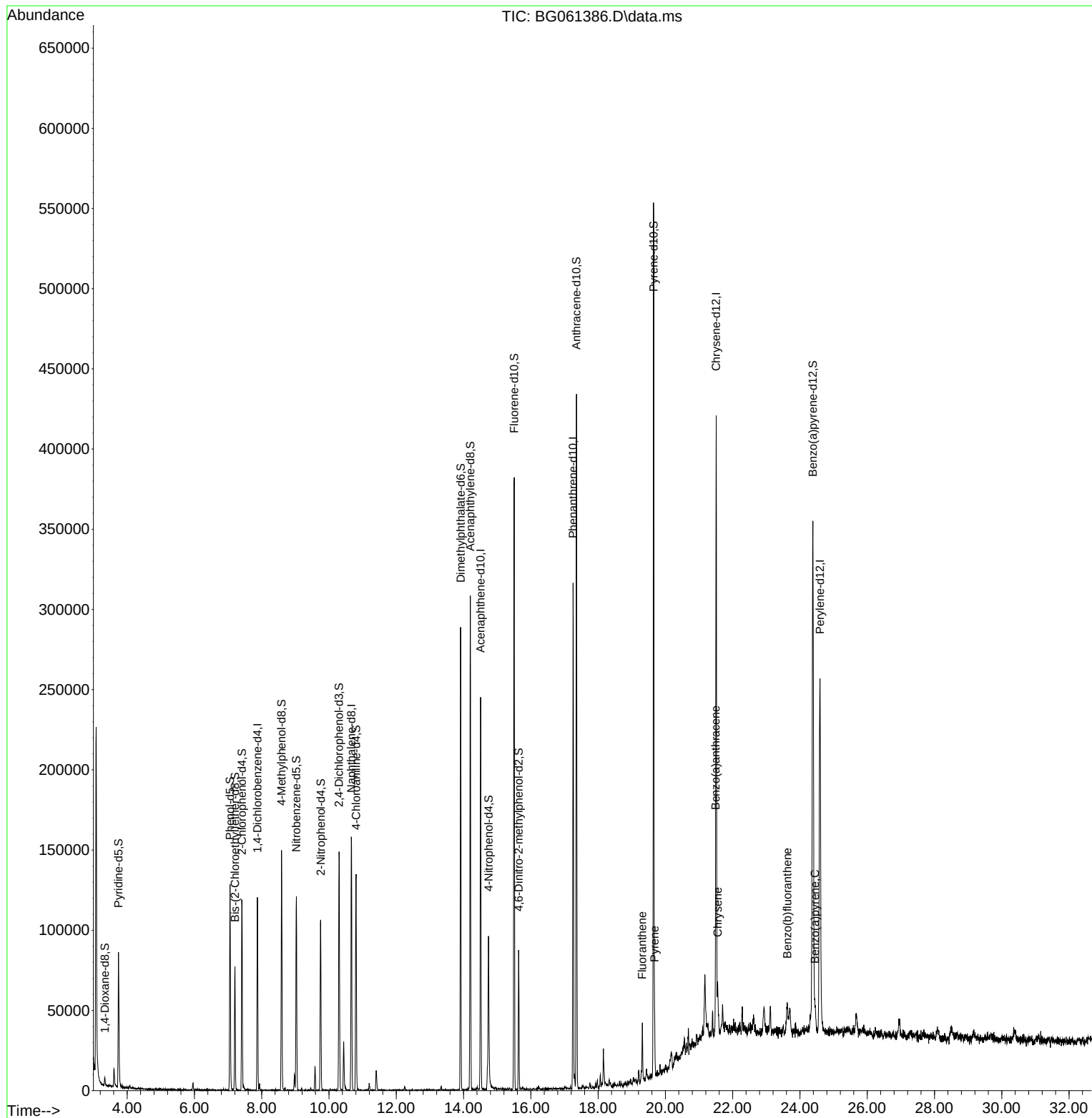
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061386.D
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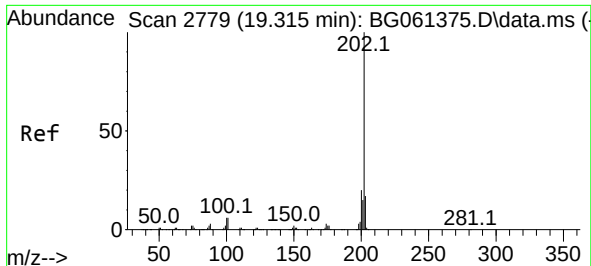
Instrument :
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ClientSampleId :
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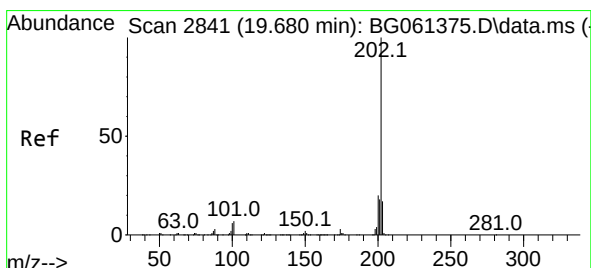
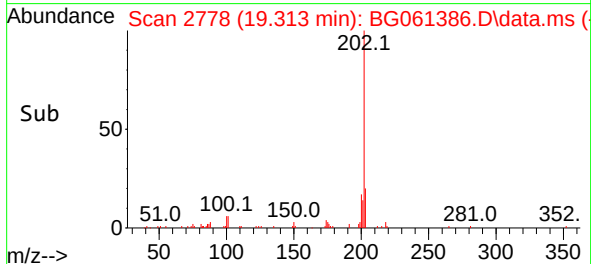
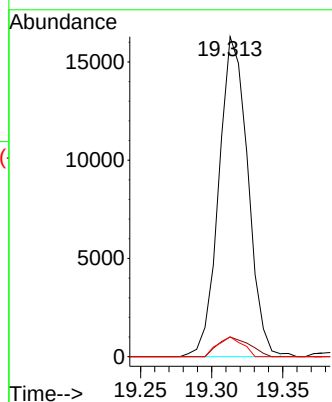
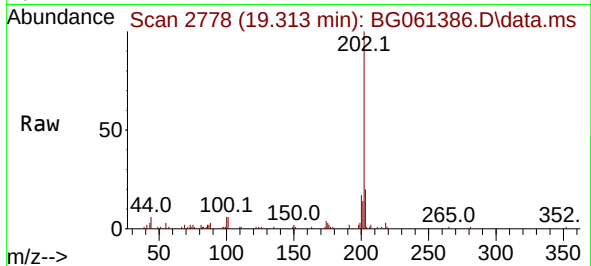
#80
Fluoranthene
Concen: 1.806 ng/ul
RT: 19.313 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061386.D
Acq: 31 May 2024 9:31

Instrument :
BNA_G
ClientSampleId :
BH5R0

Tgt Ion:202 Resp: 2311
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 6.2 4.1 6.1

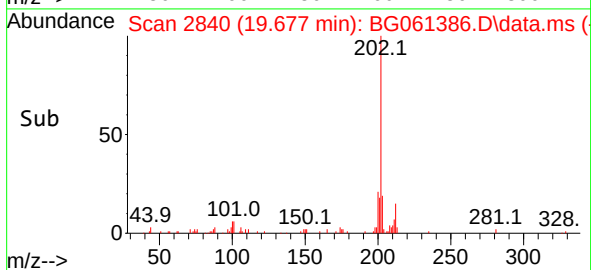
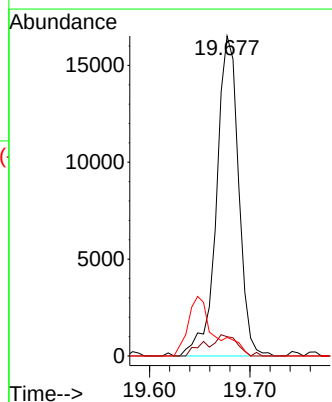
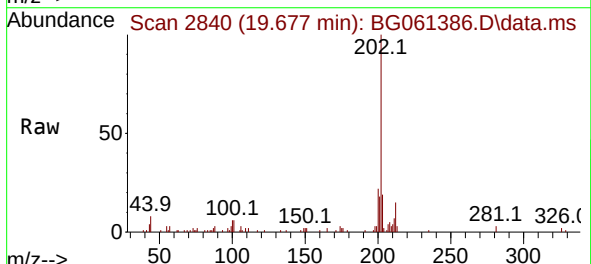
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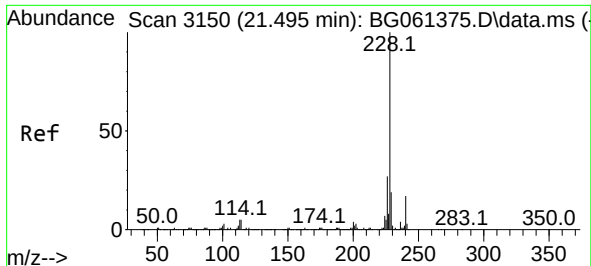
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 1.892 ng/ul
RT: 19.677 min Scan# 2840
Delta R.T. -0.002 min
Lab File: BG061386.D
Acq: 31 May 2024 9:31

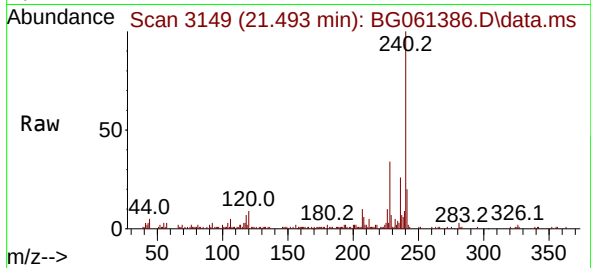
Tgt Ion:202 Resp: 25140
Ion Ratio Lower Upper
202 100
101 6.0 5.7 8.5
100 5.8 5.1 7.7





#85
Benzo(a)anthracene
Concen: 1.177 ng/ul
RT: 21.493 min Scan# 3150
Delta R.T. -0.002 min
Lab File: BG061386.D
Acq: 31 May 2024 9:31

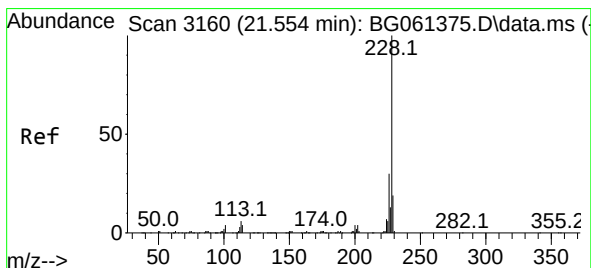
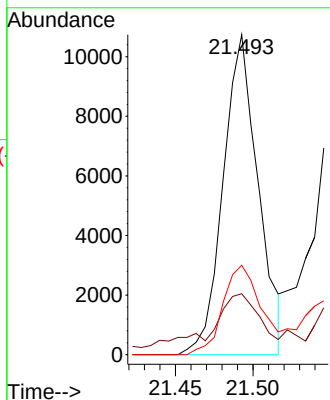
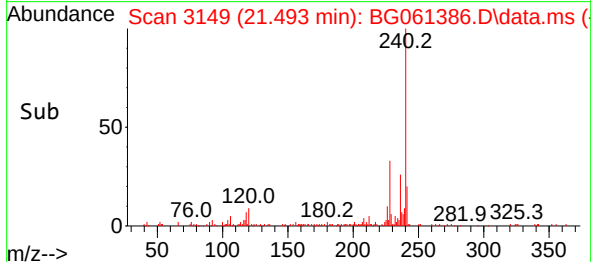
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BH5R0



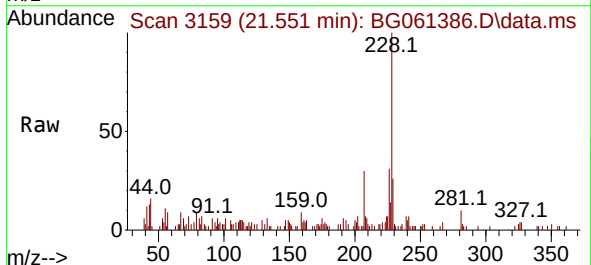
Tgt Ion:228 Resp: 16880
Ion Ratio Lower Upper
228 100
229 19.1 15.2 22.8
226 28.0 21.4 32.2

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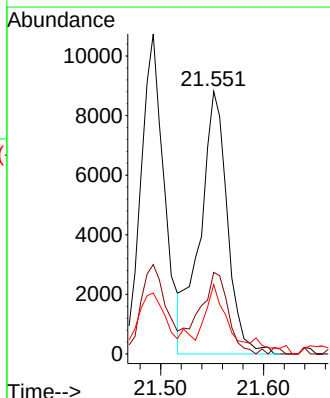
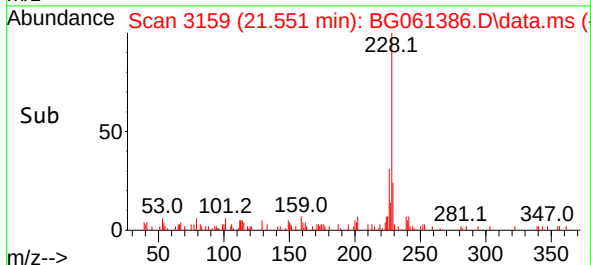
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

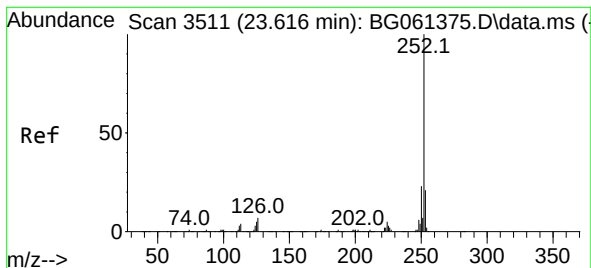


#87
Chrysene
Concen: 1.233 ng/ul m
RT: 21.551 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG061386.D
Acq: 31 May 2024 9:31



Tgt Ion:228 Resp: 16278
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 26.4 15.4 23.2#





#90

Benzo(b)fluoranthene

Concen: 1.432 ng/ul

RT: 23.625 min Scan# 3511

Delta R.T. 0.010 min

Lab File: BG061386.D

Acq: 31 May 2024 9:31

Instrument :

BNA_G

ClientSampleId :

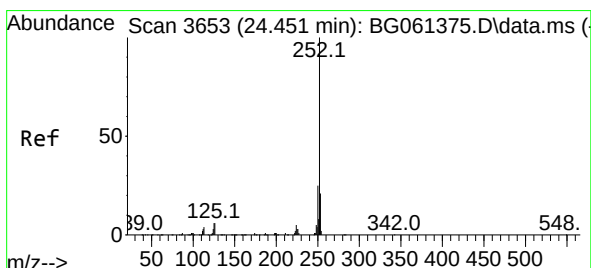
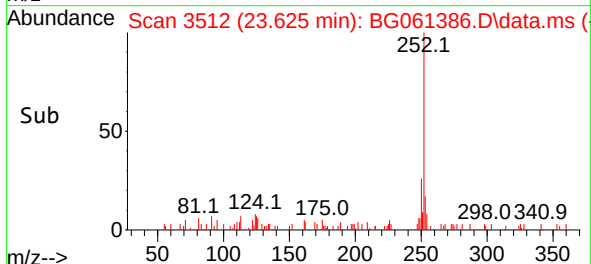
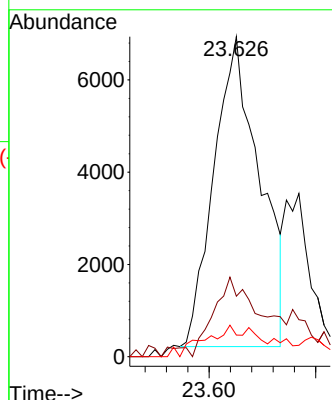
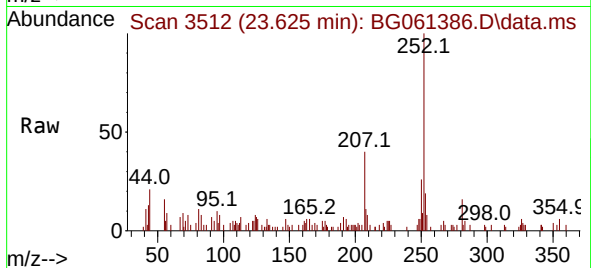
BH5R0

Tgt Ion:	252	Resp:	1998
Ion Ratio	Lower	Upper	
252	100		
253	18.9	17.8	26.8
125	6.8	4.6	6.8

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.011 ng/ul

RT: 24.448 min Scan# 3652

Delta R.T. -0.002 min

Lab File: BG061386.D

Acq: 31 May 2024 9:31

Tgt Ion:	252	Resp:	13405
Ion Ratio	Lower	Upper	
252	100		
253	32.2	16.4	24.6#
125	3.9	4.3	6.5#

