

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062984.D
 Acq On : 20 Sep 2024 18:45
 Operator : JU/RC
 Sample : P3991-01
 Misc : GCMS CONFIRMATION
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0BC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 21 00:01:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	39570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	161469	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	128855	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	301850	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.484	240	328716	20.000	ng/u1	0.00
88) Perylene-d12	24.528	264	286452	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
72) Phenanthrene	17.277	178	65959	4.113	ng/u1	95
80) Fluoranthene	19.298	202	106217	4.889	ng/u1#	92
82) Pyrene	19.663	202	48118	2.077	ng/u1#	89
85) Benzo(a)anthracene	21.466	228	39144	1.681	ng/u1#	95
87) Chrysene	21.531	228	45483	2.087	ng/u1#	91
90) Benzo(b)fluoranthene	23.564	252	37584	2.155	ng/u1#	96
91) Benzo(k)fluoranthene	23.617	252	20215m	1.163	ng/u1	

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

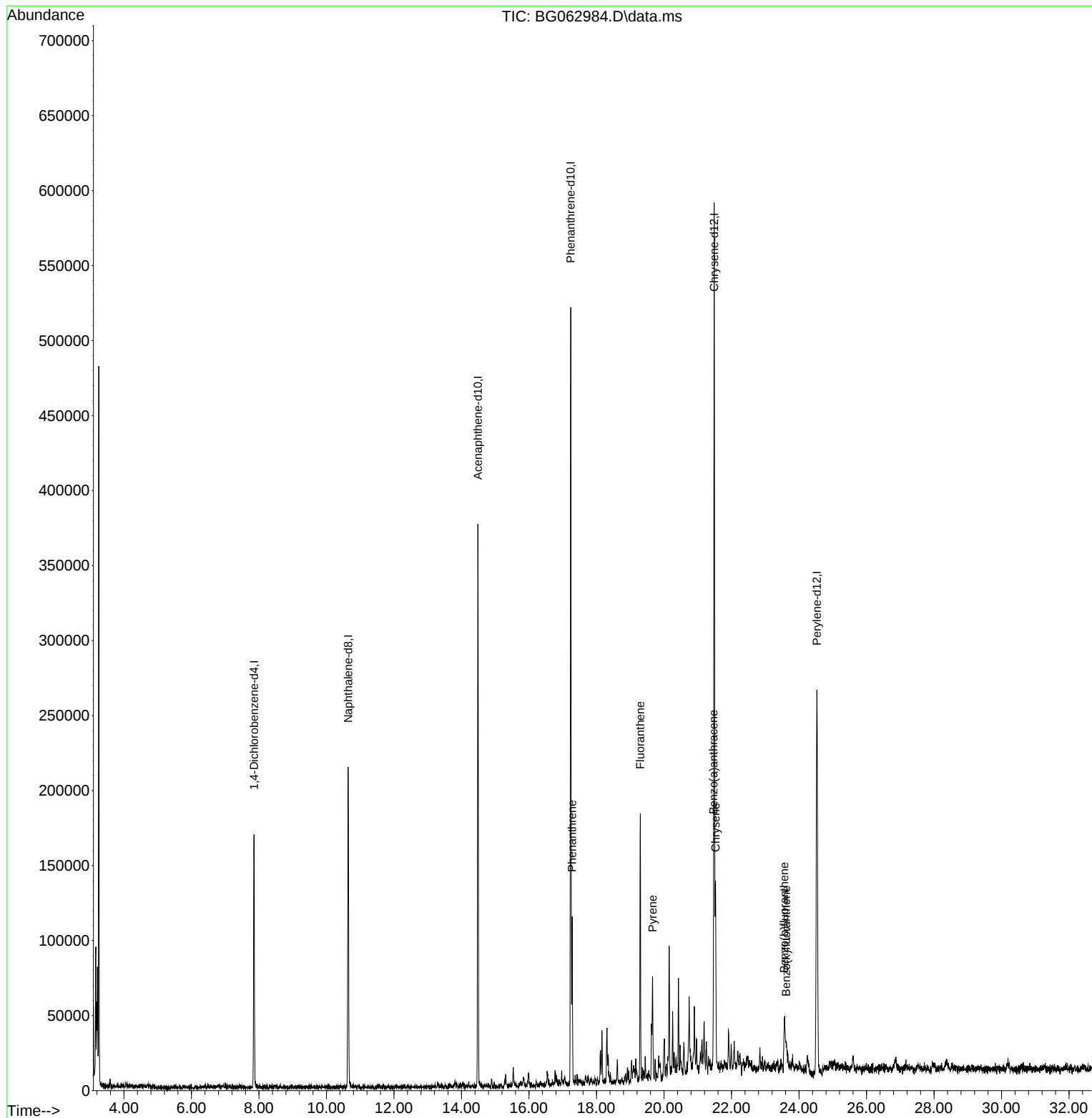
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062984.D
Acq On : 20 Sep 2024 18:45
Operator : JU/RC
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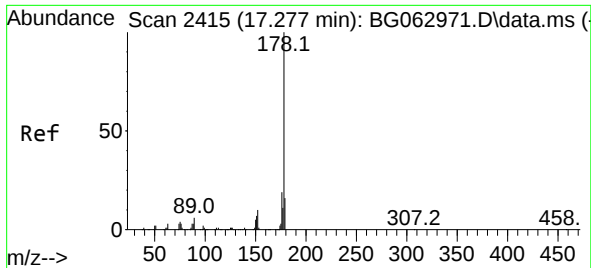
Instrument :
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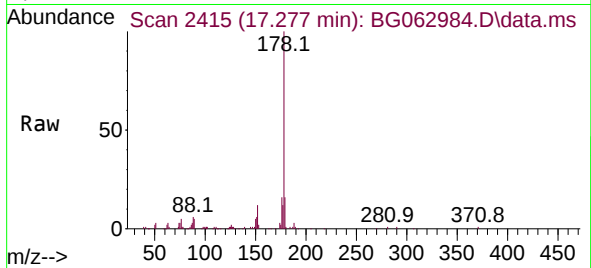
Quant Time: Sep 21 00:01:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.113 ng/u1
RT: 17.277 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG062984.D
Acq: 20 Sep 2024 18:45

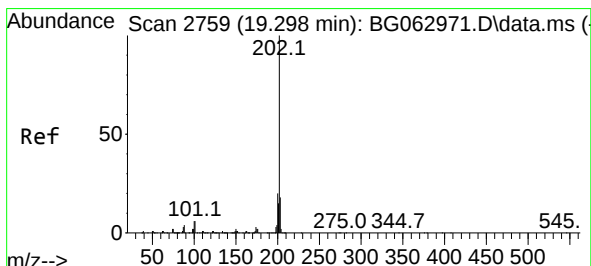
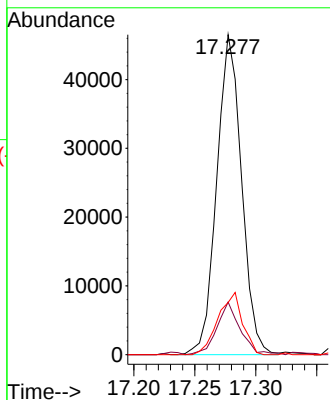
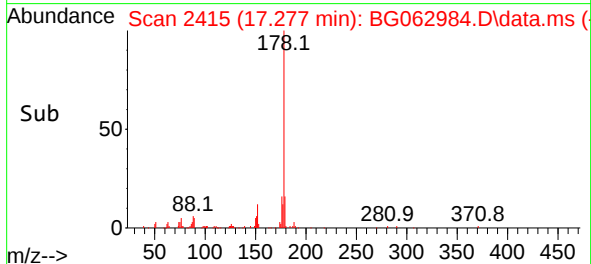
Instrument :
BNA_G
ClientSampleId :
A0BC9



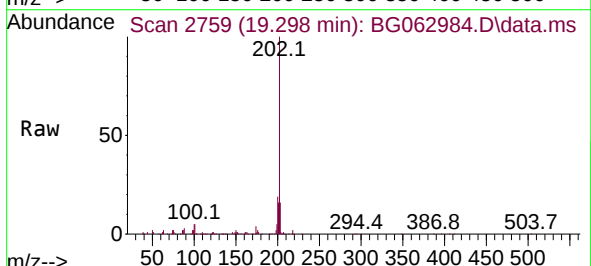
Tgt Ion:178 Resp: 65959
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 16.3 15.5 23.3

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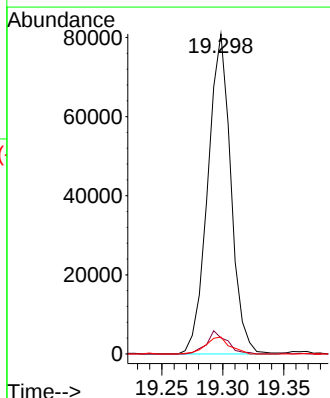
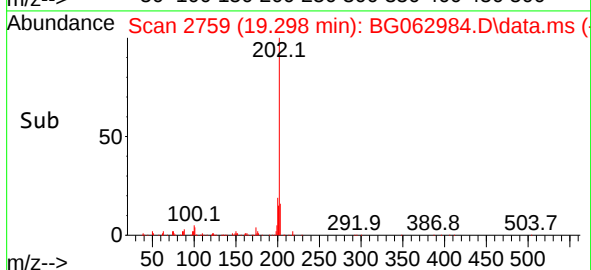
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

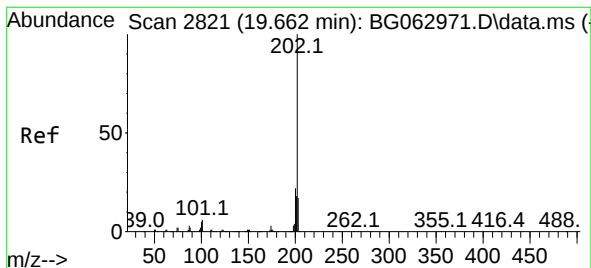


#80
Fluoranthene
Concen: 4.889 ng/u1
RT: 19.298 min Scan# 2759
Delta R.T. 0.005 min
Lab File: BG062984.D
Acq: 20 Sep 2024 18:45



Tgt Ion:202 Resp: 106217
Ion Ratio Lower Upper
202 100
101 5.0 6.6 10.0#
100 5.3 6.3 9.5#





#82

Pyrene

Concen: 2.077 ng/ul

RT: 19.663 min Scan# 2821

Delta R.T. 0.005 min

Lab File: BG062984.D

Acq: 20 Sep 2024 18:45

Instrument :

BNA_G

ClientSampleId :

A0BC9

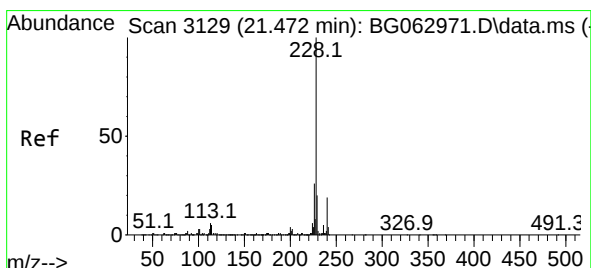
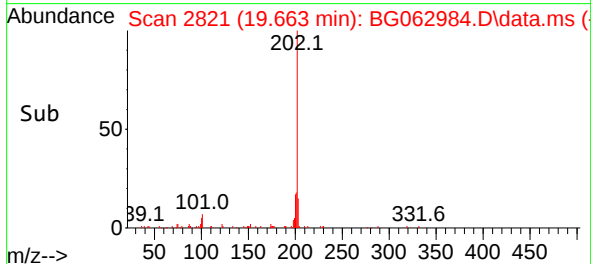
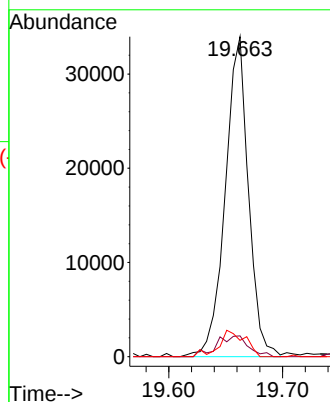
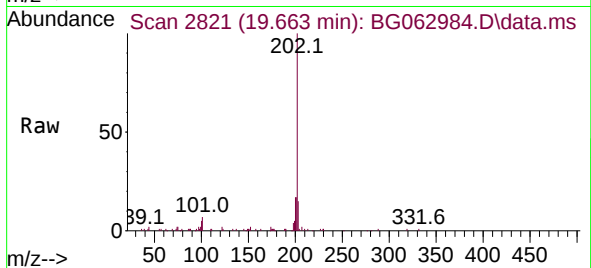
Tgt Ion:	202	Resp:	48118
Ion Ratio	Lower	Upper	
202	100		
101	6.5	7.4	11.0
100	5.1	8.1	12.1

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#85

Benzo(a)anthracene

Concen: 1.681 ng/ul

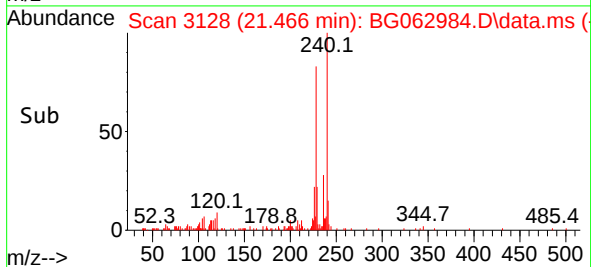
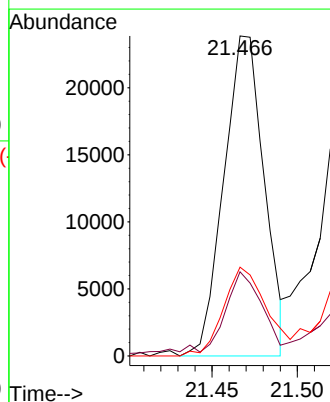
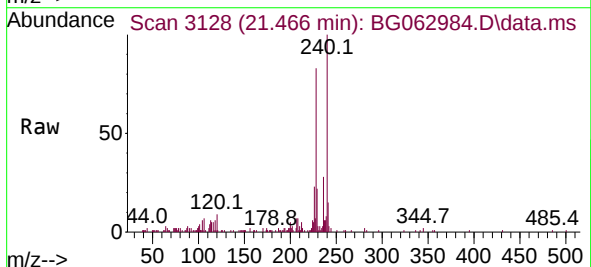
RT: 21.466 min Scan# 3128

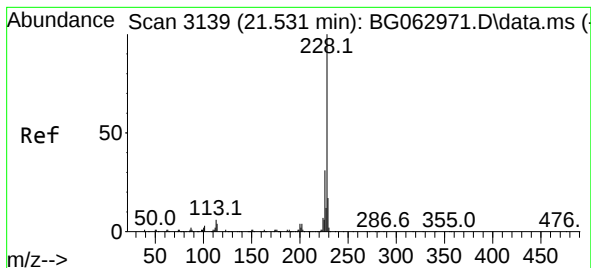
Delta R.T. -0.001 min

Lab File: BG062984.D

Acq: 20 Sep 2024 18:45

Tgt Ion:	228	Resp:	39144
Ion Ratio	Lower	Upper	
228	100		
229	26.3	17.0	25.4
226	27.7	22.2	33.4





#87

Chrysene

Concen: 2.087 ng/ul

RT: 21.531 min Scan# 3139

Delta R.T. -0.001 min

Lab File: BG062984.D

Acq: 20 Sep 2024 18:45

Instrument :

BNA_G

ClientSampleId :

A0BC9

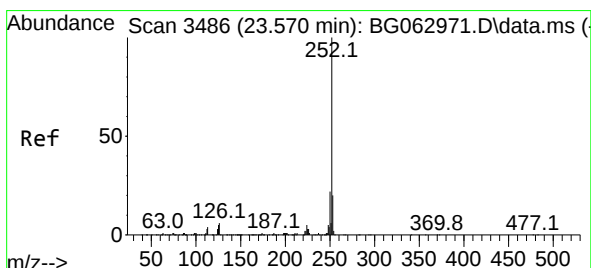
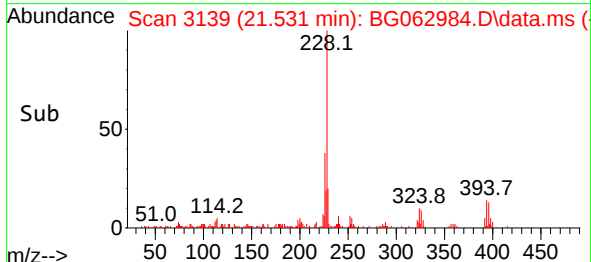
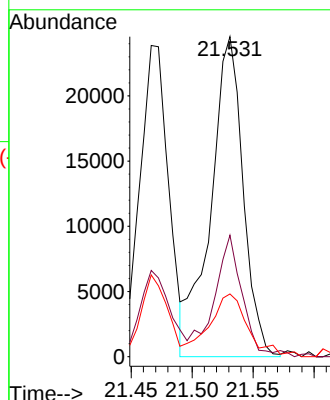
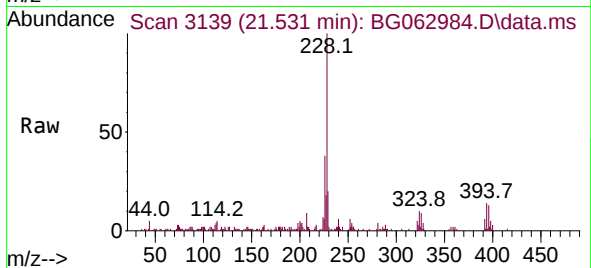
Tgt Ion:	228	Resp:	4548
Ion Ratio	Lower	Upper	
228	100		
226	37.9	24.2	36.2
229	19.6	15.6	23.4

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#90

Benzo(b)fluoranthene

Concen: 2.155 ng/ul

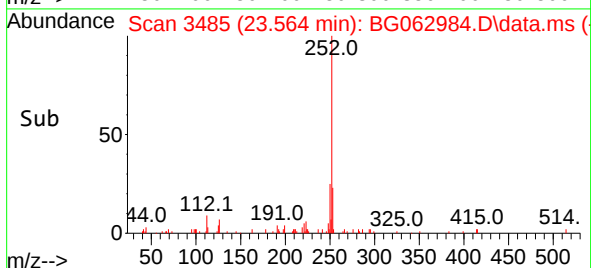
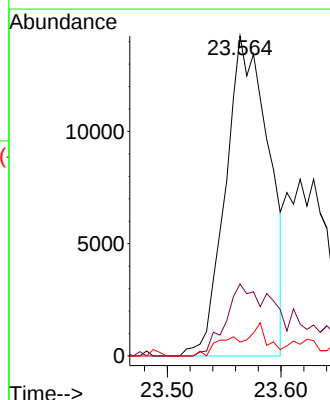
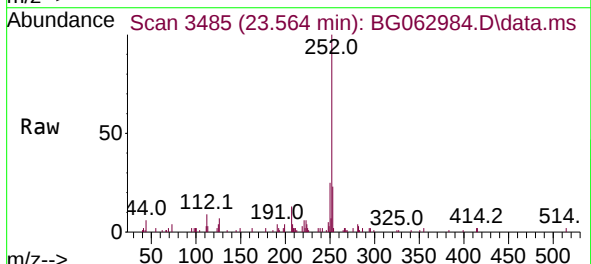
RT: 23.564 min Scan# 3485

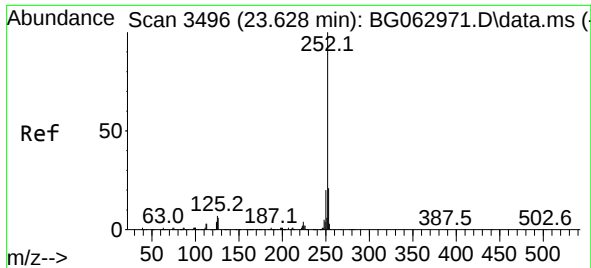
Delta R.T. 0.005 min

Lab File: BG062984.D

Acq: 20 Sep 2024 18:45

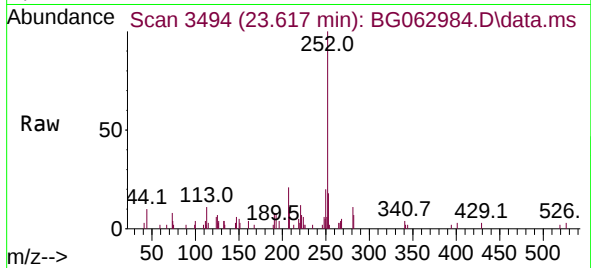
Tgt Ion:	252	Resp:	37584
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.9	25.3
125	4.4	5.6	8.4





#91
Benzo(k)fluoranthene
Concen: 1.163 ng/ul m
RT: 23.617 min Scan# 34
Delta R.T. -0.007 min
Lab File: BG062984.D
Acq: 20 Sep 2024 18:45

Instrument :
BNA_G
ClientSampleId :
A0BC9



Tgt Ion:252 Resp: 2021
Ion Ratio Lower Upper
252 100
253 17.9 17.4 26.2
125 6.6 5.8 8.6

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