

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062985.D
 Acq On : 20 Sep 2024 19:25
 Operator : JU/RC
 Sample : P3991-02
 Misc : GCMS CONFIRMATION
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0BD0

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 00:04:42 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	7.852	152	41451	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.643	136	162507	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	127391	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.235	188	292307	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.489	240	321870	20.000	ng/ul	# 0.00
88) Perylene-d12	24.533	264	387991	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
61) Fluorene	15.537	166	22385m	2.438	ng/ul	Qvalue
72) Phenanthrene	17.276	178	270571	17.424	ng/ul	96
80) Fluoranthene	19.298	202	393711	18.506	ng/ul#	92
82) Pyrene	19.662	202	157760	6.956	ng/ul#	92
85) Benzo(a)anthracene	21.466	228	136419	5.983	ng/ul	97
87) Chrysene	21.530	228	165131	7.740	ng/ul	96
90) Benzo(b)fluoranthene	23.569	252	102889	4.356	ng/ul	97
91) Benzo(k)fluoranthene	23.634	252	38595m	1.640	ng/ul	

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

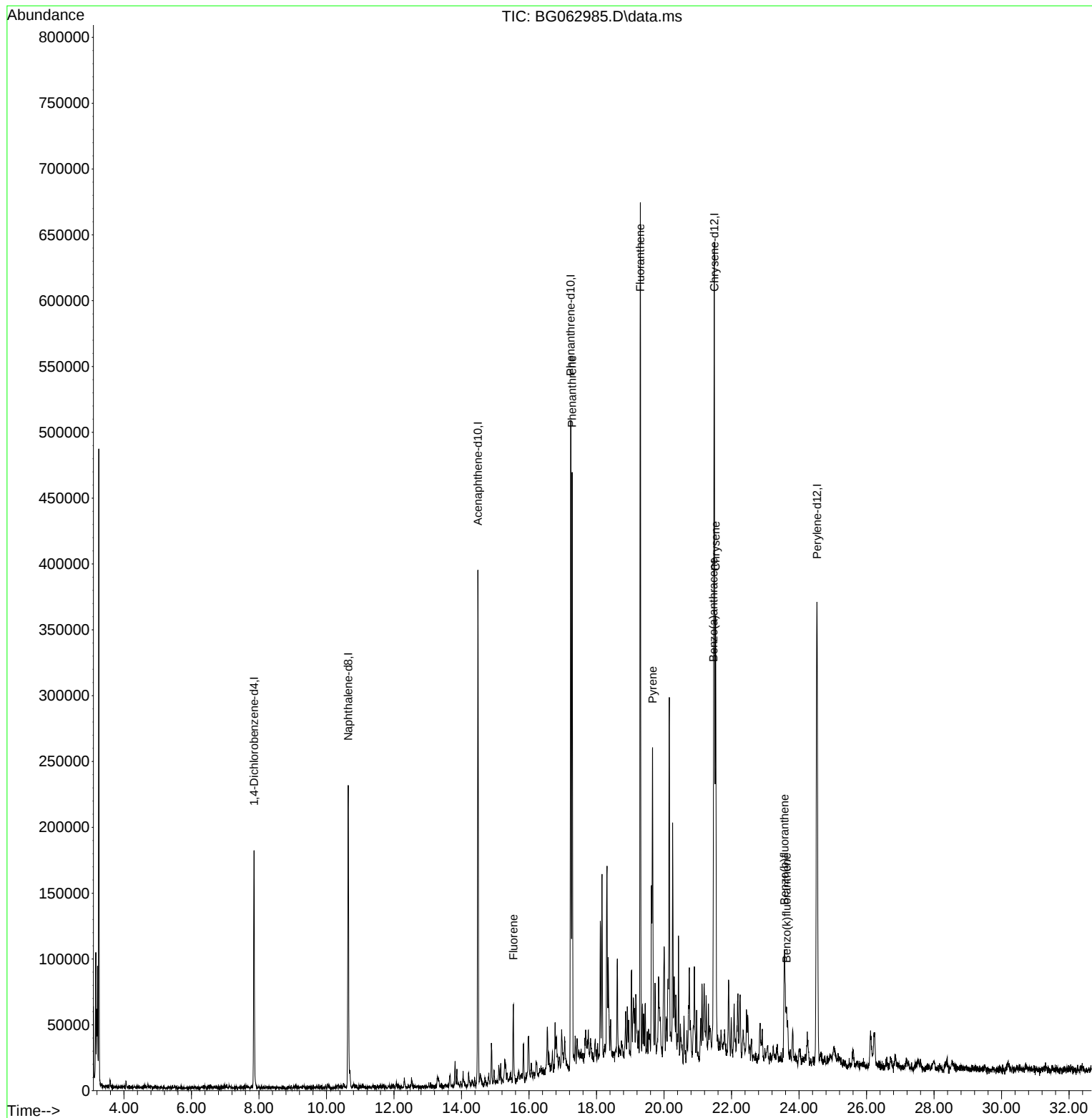
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062985.D
Acq On : 20 Sep 2024 19:25
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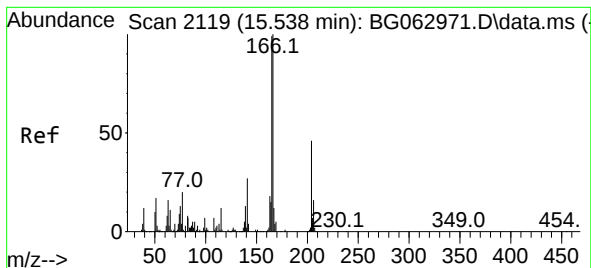
Instrument :
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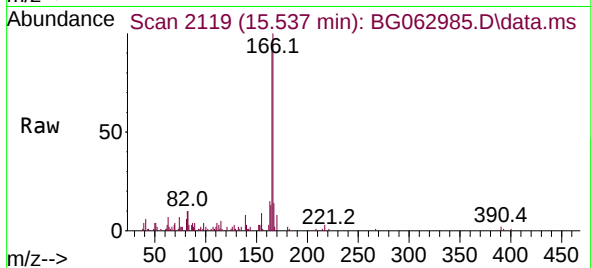
Quant Time: Sep 21 00:04:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#61
Fluorene
Concen: 2.438 ng/ul m
RT: 15.537 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG062985.D
Acq: 20 Sep 2024 19:25

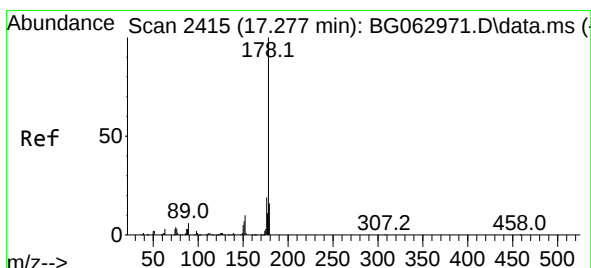
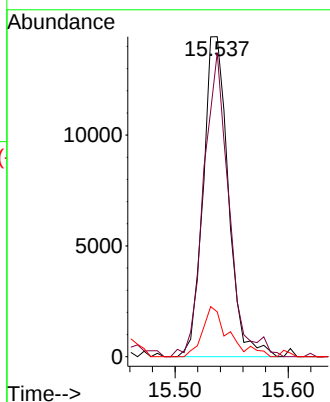
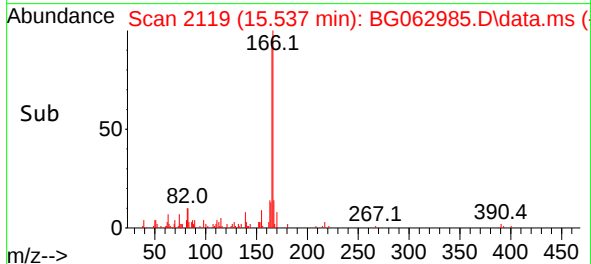
Instrument :
BNA_G
ClientSampleId :
A0BD0



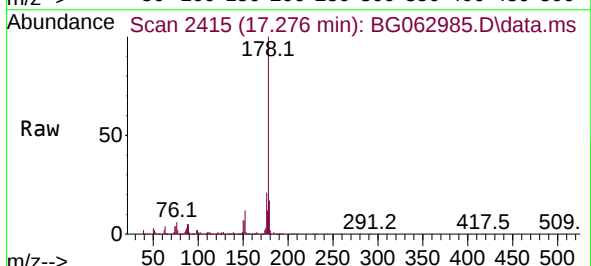
Tgt Ion:166 Resp: 2238
Ion Ratio Lower Upper
166 100
165 95.0 77.2 115.8
167 14.0 10.8 16.2

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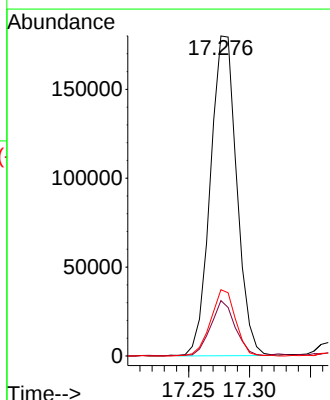
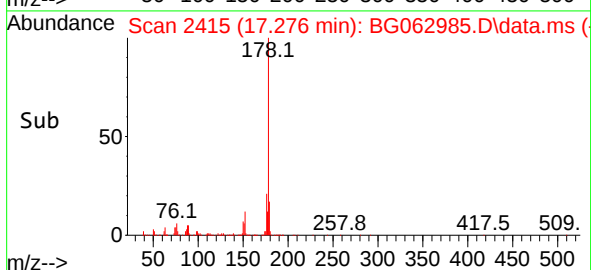
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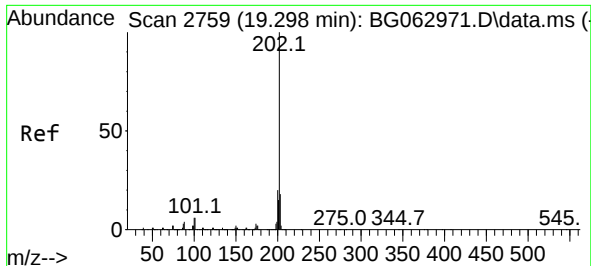


#72
Phenanthrene
Concen: 17.424 ng/ul
RT: 17.276 min Scan# 2415
Delta R.T. -0.002 min
Lab File: BG062985.D
Acq: 20 Sep 2024 19:25



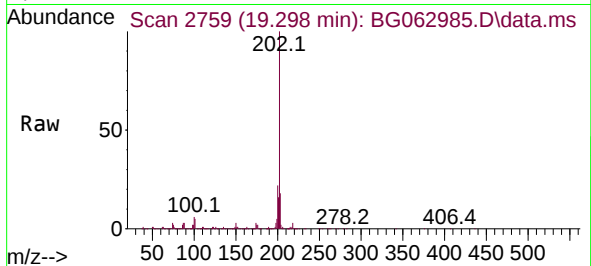
Tgt Ion:178 Resp: 270571
Ion Ratio Lower Upper
178 100
179 17.3 12.3 18.5
176 20.7 15.5 23.3





#80
Fluoranthene
Concen: 18.506 ng/u1
RT: 19.298 min Scan# 2759
Delta R.T. 0.004 min
Lab File: BG062985.D
Acq: 20 Sep 2024 19:25

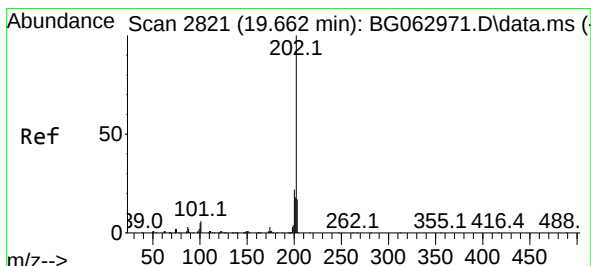
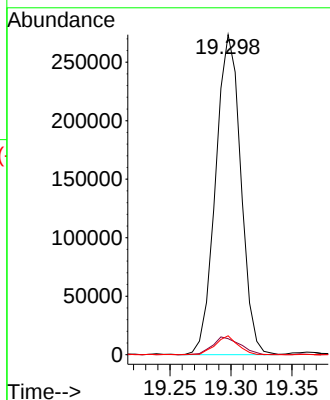
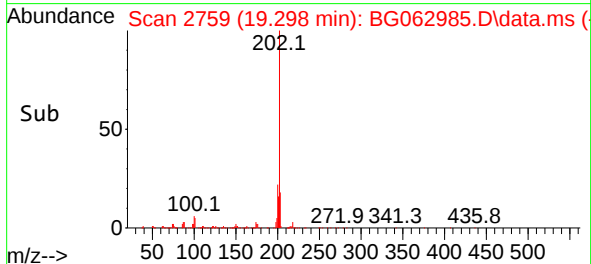
Instrument :
BNA_G
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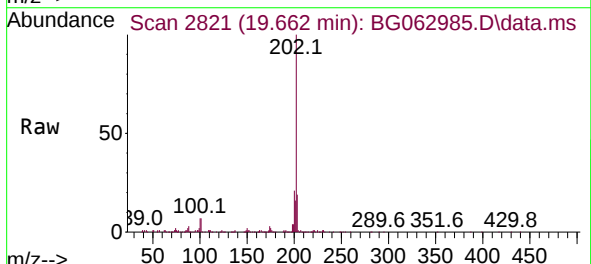
Tgt Ion:202 Resp: 39371
Ion Ratio Lower Upper
202 100
101 5.0 6.6 10.0#
100 5.9 6.3 9.5#

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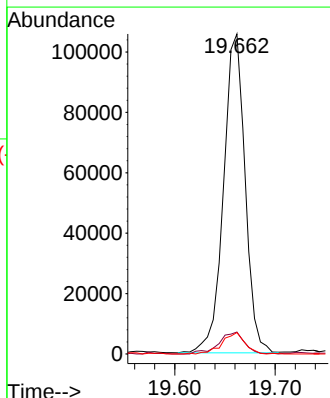
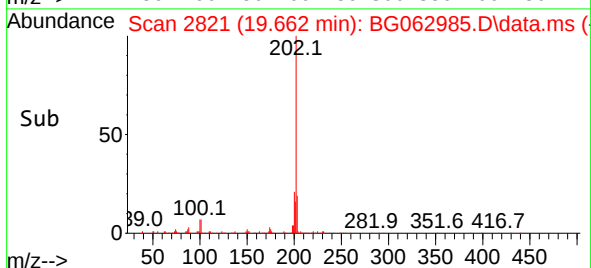
Reviewed By :Yogesh Patel 09/21/2024
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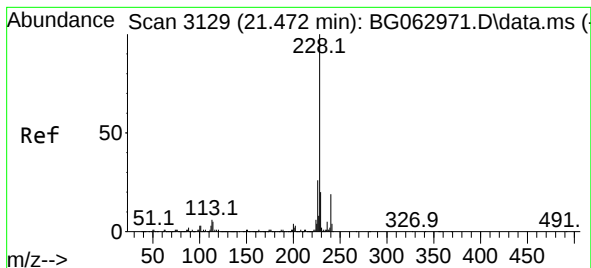


#82
Pyrene
Concen: 6.956 ng/u1
RT: 19.662 min Scan# 2821
Delta R.T. 0.004 min
Lab File: BG062985.D
Acq: 20 Sep 2024 19:25



Tgt Ion:202 Resp: 157760
Ion Ratio Lower Upper
202 100
101 6.8 7.4 11.0#
100 6.7 8.1 12.1#





#85

Benzo(a)anthracene

Concen: 5.983 ng/u1

RT: 21.466 min Scan# 3129

Delta R.T. -0.002 min

Lab File: BG062985.D

Acq: 20 Sep 2024 19:25

Instrument :

BNA_G

ClientSampleId :

A0BD0

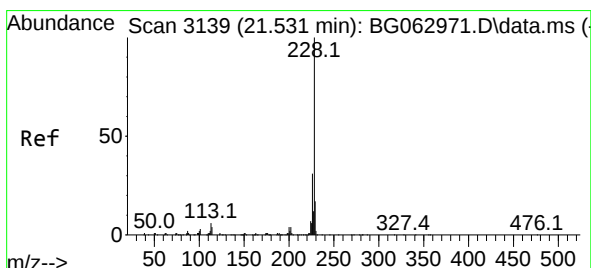
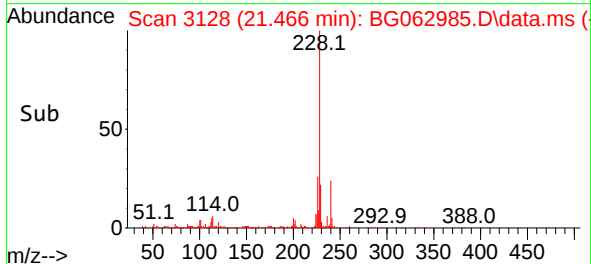
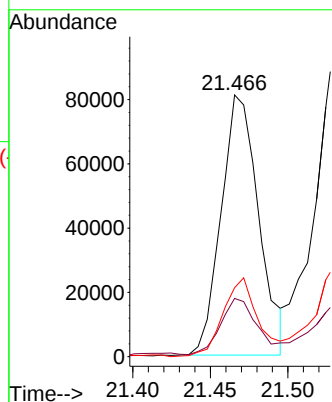
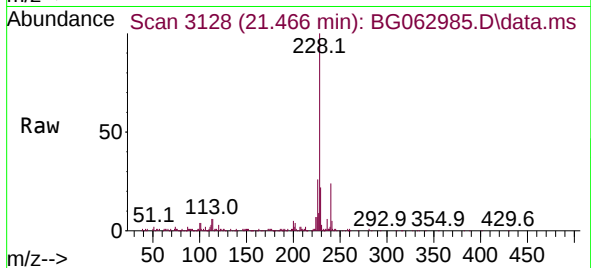
Tgt Ion:228	Resp: 136419
Ion Ratio	Lower Upper
228 100	
229 22.2	17.0 25.4
226 26.3	22.2 33.4

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#87

Chrysene

Concen: 7.740 ng/u1

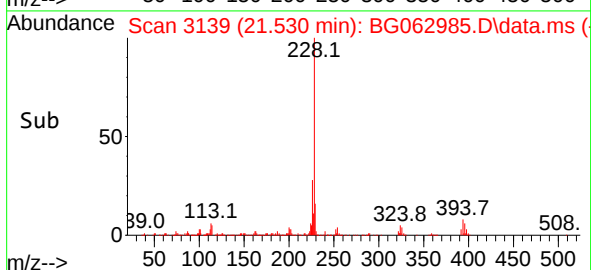
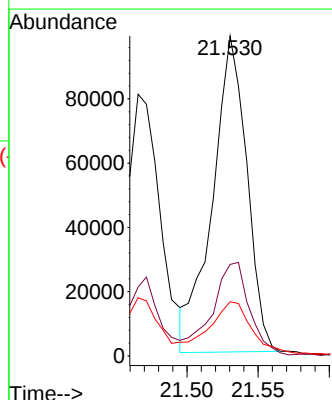
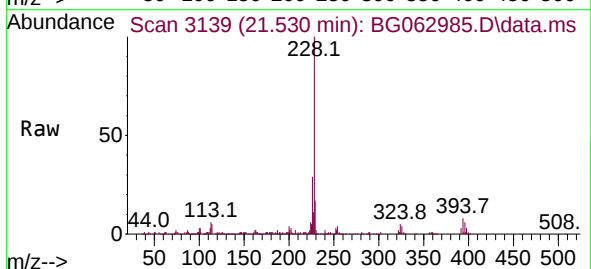
RT: 21.530 min Scan# 3139

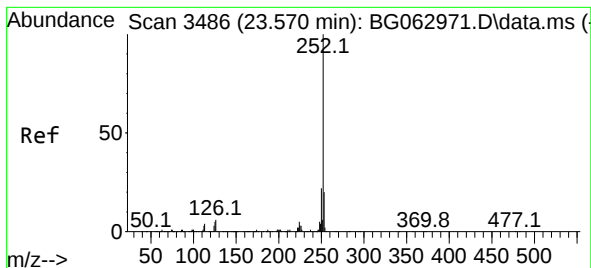
Delta R.T. -0.002 min

Lab File: BG062985.D

Acq: 20 Sep 2024 19:25

Tgt	Ion:228	Resp:	165131
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	16.9	15.6	23.4





#90

Benzo(b)fluoranthene

Concen: 4.356 ng/ul

RT: 23.569 min Scan# 3486

Delta R.T. 0.010 min

Lab File: BG062985.D

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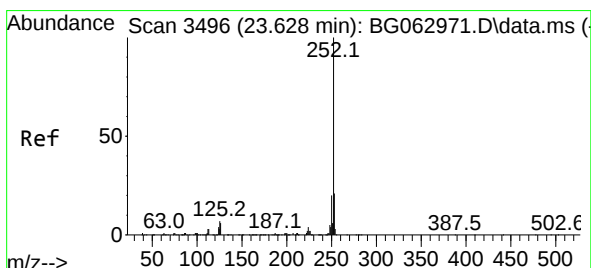
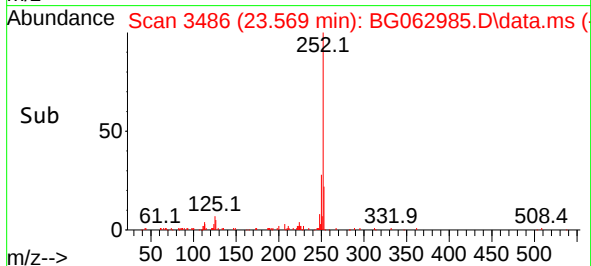
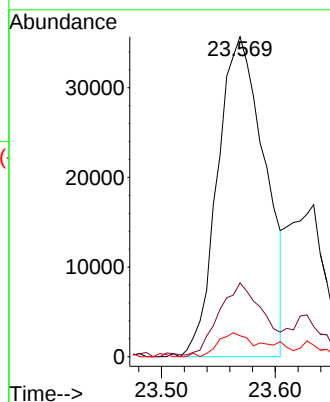
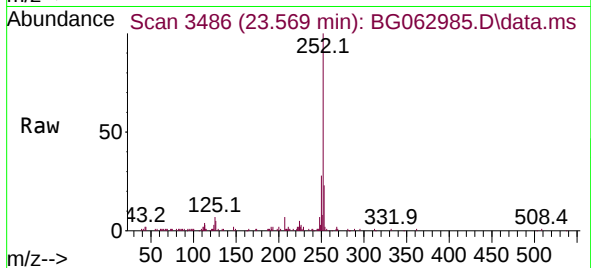
Tgt Ion:252 Resp: 102889
Ion Ratio Lower Upper
252 100
253 23.0 16.9 25.3
125 6.5 5.6 8.4

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#91

Benzo(k)fluoranthene

Concen: 1.640 ng/ul m

RT: 23.634 min Scan# 3497

Delta R.T. 0.010 min

Lab File: BG062985.D

Acq: 20 Sep 2024 19:25

Tgt Ion:252 Resp: 38595
Ion Ratio Lower Upper
252 100
253 19.9 17.4 26.2
125 4.6 5.8 8.6

