

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063895.D
 Acq On : 28 Dec 2024 9:05
 Operator : RC/JU
 Sample : P5351-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2922

Quant Time: Dec 29 23:21:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

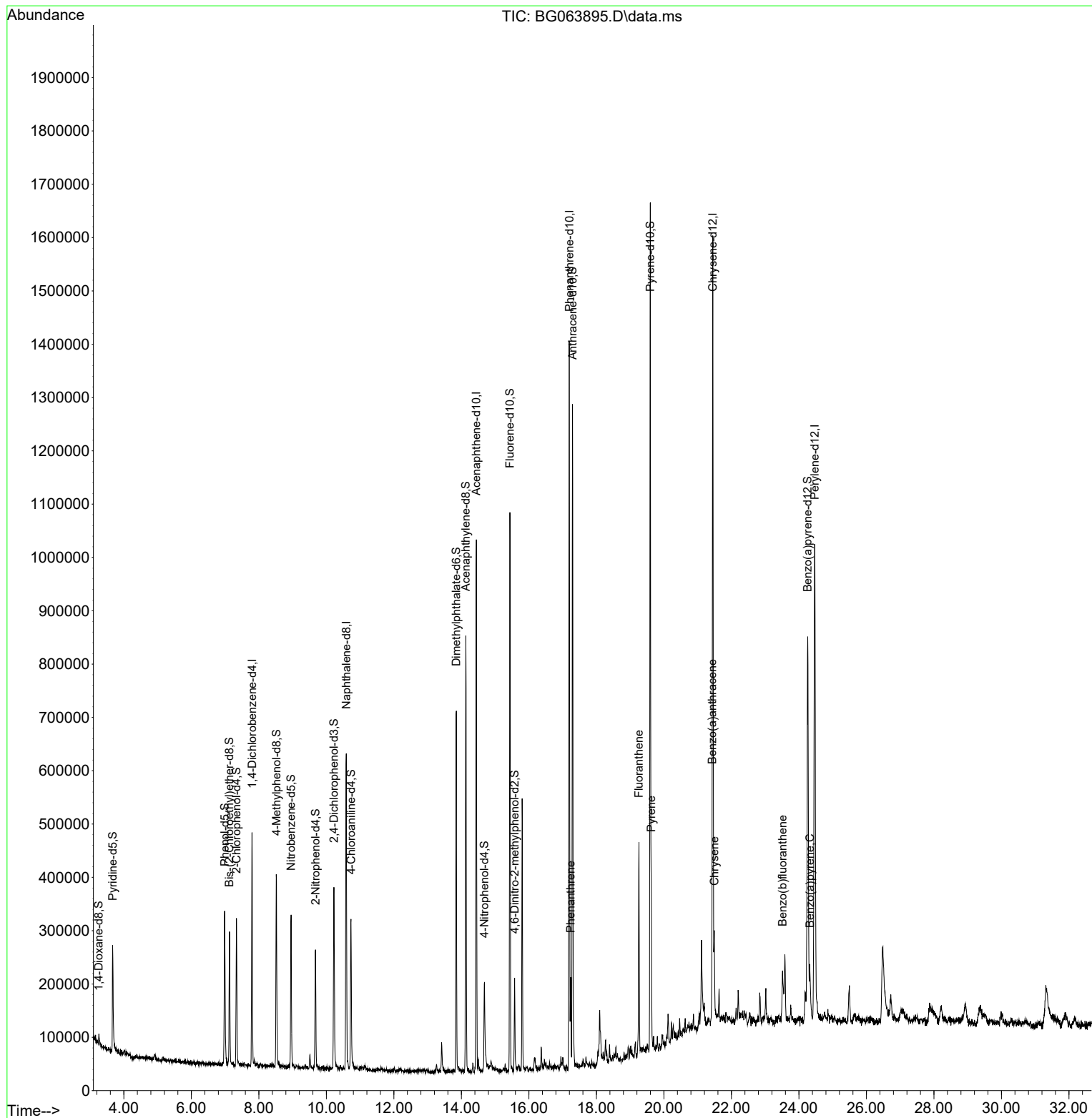
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	118073	20.000	ng/ul	0.00
20) Naphthalene-d8	10.588	136	475811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.442	164	349254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	831259	20.000	ng/ul	0.00
79) Chrysene-d12	21.446	240	838283	20.000	ng/ul	# 0.00
88) Perylene-d12	24.466	264	866048	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	9677	3.212	ng/uL	0.00
4) Pyridine-d5	3.667	84	127847	13.451	ng/ul	0.00
7) Phenol-d5	6.987	99	176018	16.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	118415	15.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.333	132	113914	16.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.520	113	143009	16.939	ng/ul	0.00
21) Nitrobenzene-d5	8.955	128	60686	17.863	ng/ul	0.00
24) 2-Nitrophenol-d4	9.677	143	68687	18.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.224	165	136548	18.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.729	131	149452	15.964	ng/ul	0.00
46) Dimethylphthalate-d6	13.849	166	454629	19.130	ng/ul	0.00
49) Acenaphthylene-d8	14.131	160	525304	19.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	53844	15.991	ng/ul	0.02
60) Fluorene-d10	15.435	176	410680	19.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	40953	9.489	ng/ul	0.00
73) Anthracene-d10	17.292	188	732713	20.502	ng/ul	0.00
81) Pyrene-d10	19.595	212	832125	19.076	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.260	264	728132	17.903	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.239	178	105325	2.629	ng/ul#	93
80) Fluoranthene	19.260	202	235136	4.742	ng/ul	97
82) Pyrene	19.625	202	186763	3.541	ng/ul	98
85) Benzo(a)anthracene	21.428	228	100522	1.913	ng/ul#	90
87) Chrysene	21.493	228	99732	1.992	ng/ul#	91
90) Benzo(b)fluoranthene	23.514	252	104362	2.120	ng/ul#	92
93) Benzo(a)pyrene	24.325	252	73399	1.589	ng/ul	94

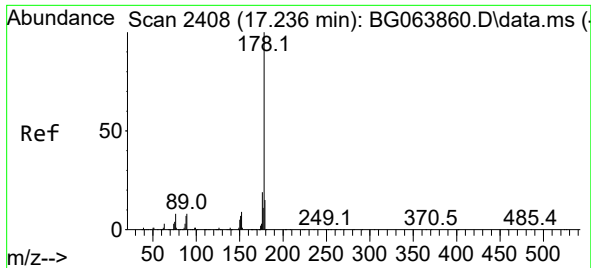
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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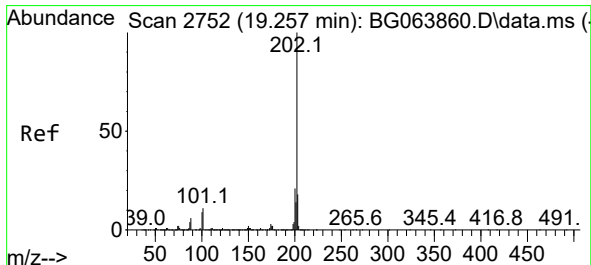
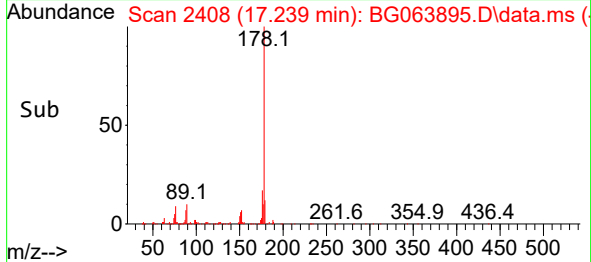
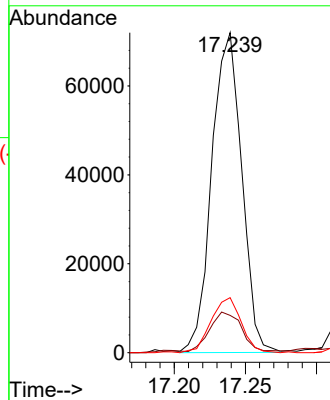
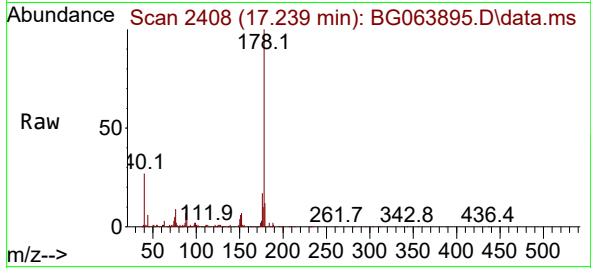




#72
Phenanthrene
Concen: 2.629 ng/ul
RT: 17.239 min Scan# 2408
Delta R.T. 0.009 min
Lab File: BG063895.D
Acq: 28 Dec 2024 9:05

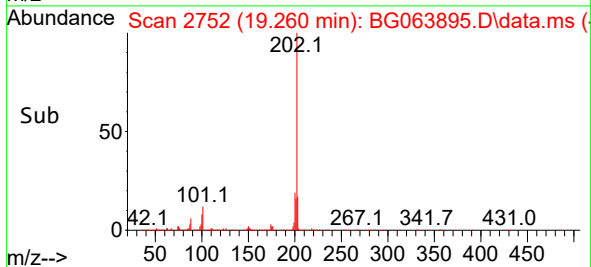
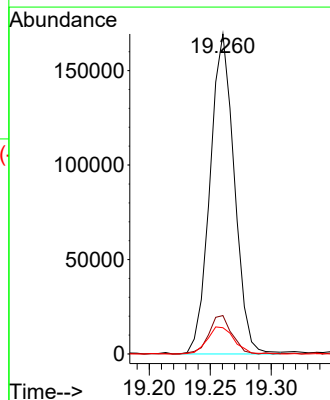
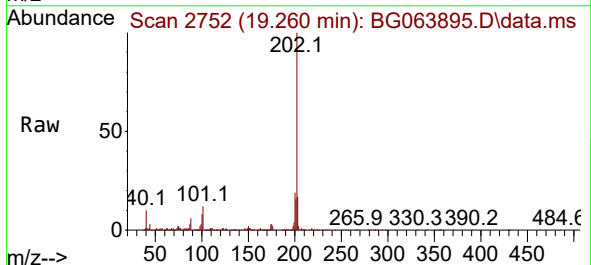
Instrument :
BNA_G
ClientSampleId :
E2922

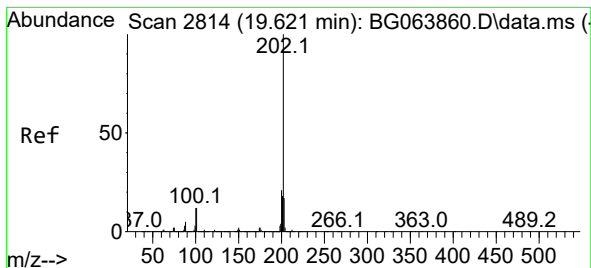
Tgt Ion:178 Resp: 105325
Ion Ratio Lower Upper
178 100
179 11.6 12.2 18.2#
176 17.2 15.8 23.6



#80
Fluoranthene
Concen: 4.742 ng/ul
RT: 19.260 min Scan# 2752
Delta R.T. 0.009 min
Lab File: BG063895.D
Acq: 28 Dec 2024 9:05

Tgt Ion:202 Resp: 235136
Ion Ratio Lower Upper
202 100
101 12.0 8.1 12.1
100 8.2 6.5 9.7





#82

Pyrene

Concen: 3.541 ng/ul

RT: 19.625 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG063895.D

Acq: 28 Dec 2024 9:05

Instrument :

BNA_G

ClientSampleId :

E2922

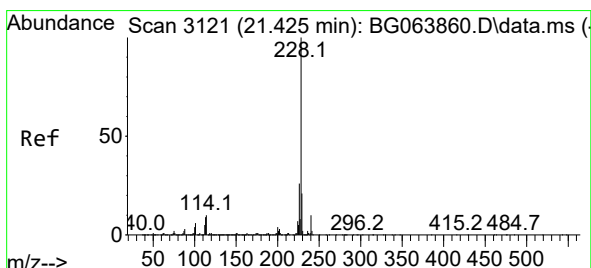
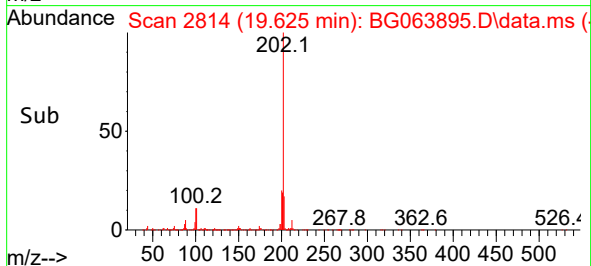
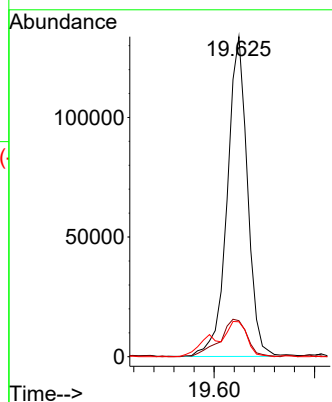
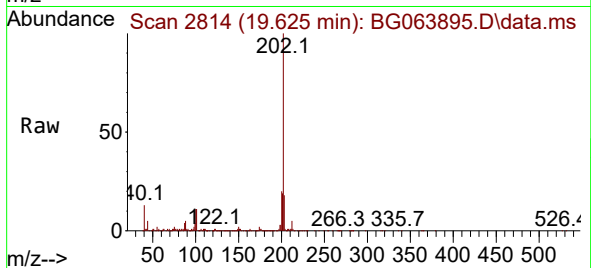
Tgt Ion:202 Resp: 186763

Ion Ratio Lower Upper

202 100

101 11.2 8.7 13.1

100 10.9 7.8 11.6



#85

Benzo(a)anthracene

Concen: 1.913 ng/ul

RT: 21.428 min Scan# 3121

Delta R.T. 0.009 min

Lab File: BG063895.D

Acq: 28 Dec 2024 9:05

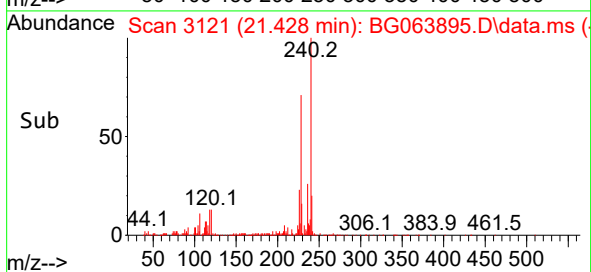
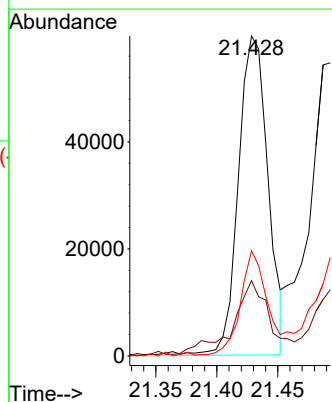
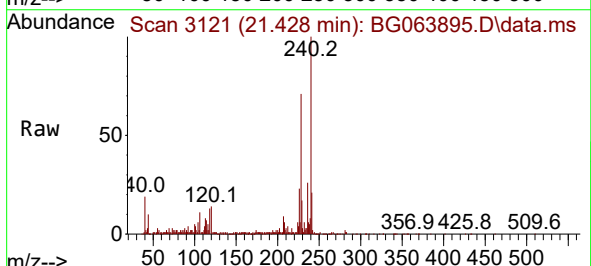
Tgt Ion:228 Resp: 100522

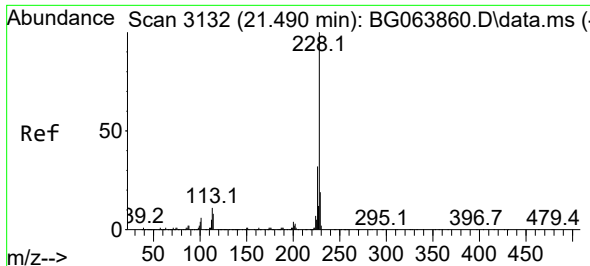
Ion Ratio Lower Upper

228 100

229 23.6 15.7 23.5#

226 32.9 22.0 33.0





#87

Chrysene

Concen: 1.992 ng/ul

RT: 21.493 min Scan# 3132

Delta R.T. 0.009 min

Lab File: BG063895.D

Acq: 28 Dec 2024 9:05

Instrument :

BNA_G

ClientSampleId :

E2922

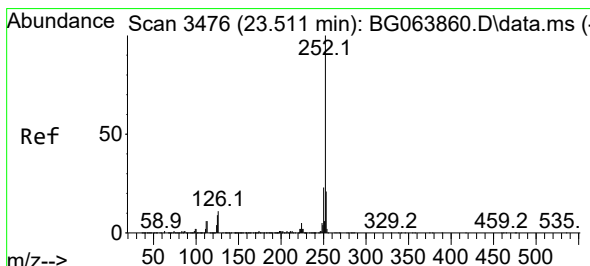
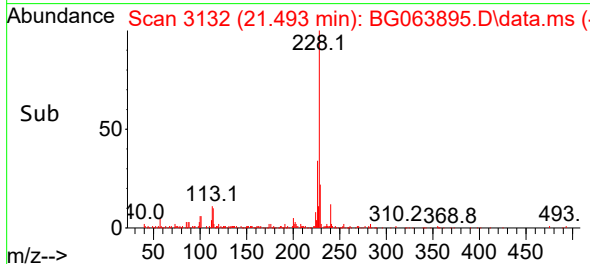
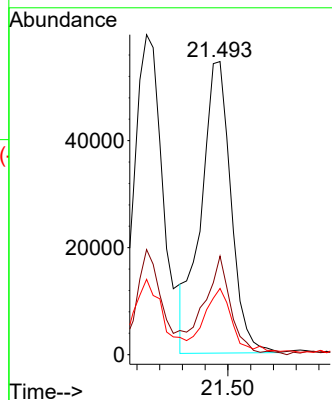
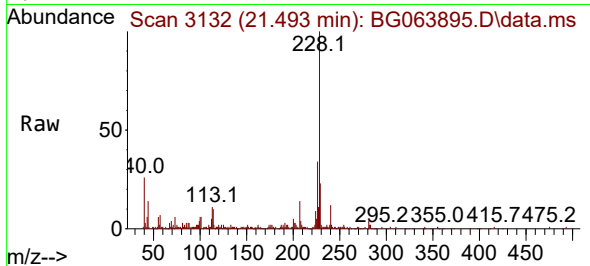
Tgt Ion:228 Resp: 99732

Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.0

229 22.6 14.8 22.2#



#90

Benzo(b)fluoranthene

Concen: 2.120 ng/ul

RT: 23.514 min Scan# 3476

Delta R.T. 0.015 min

Lab File: BG063895.D

Acq: 28 Dec 2024 9:05

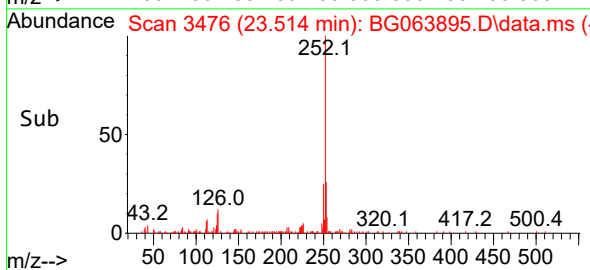
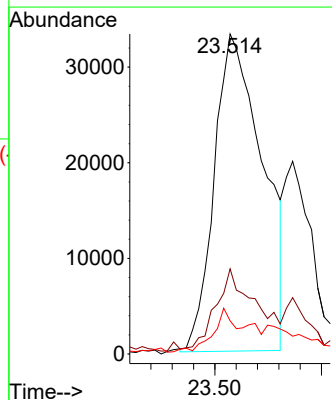
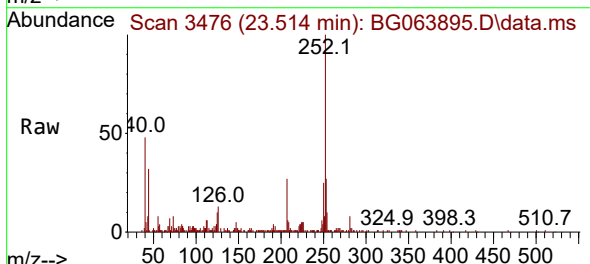
Tgt Ion:252 Resp: 104362

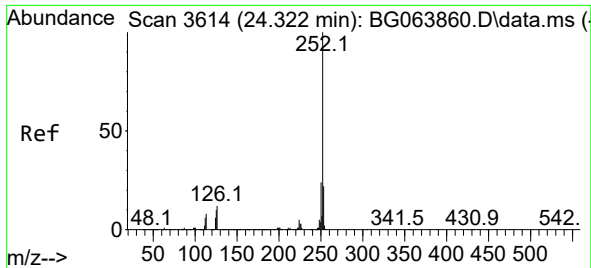
Ion Ratio Lower Upper

252 100

253 26.6 17.7 26.5#

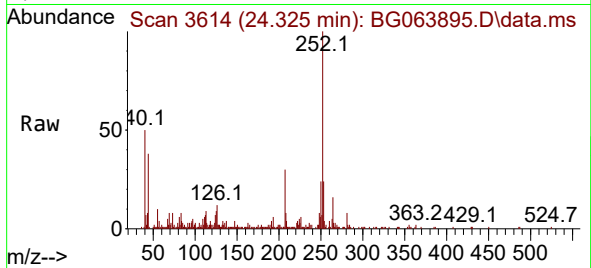
125 10.4 7.0 10.4





#93
 Benzo(a)pyrene
 Concen: 1.589 ng/ul
 RT: 24.325 min Scan# 30
 Delta R.T. 0.021 min
 Lab File: BG063895.D
 Acq: 28 Dec 2024 9:05

Instrument :
 BNA_G
 ClientSampleId :
 E2922



Tgt Ion:	252	Resp:	73399
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.6	24.8
125	8.9	8.0	12.0

