

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063897.D
 Acq On : 28 Dec 2024 10:20
 Operator : RC/JU
 Sample : P5351-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2925

Quant Time: Dec 29 23:22:09 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

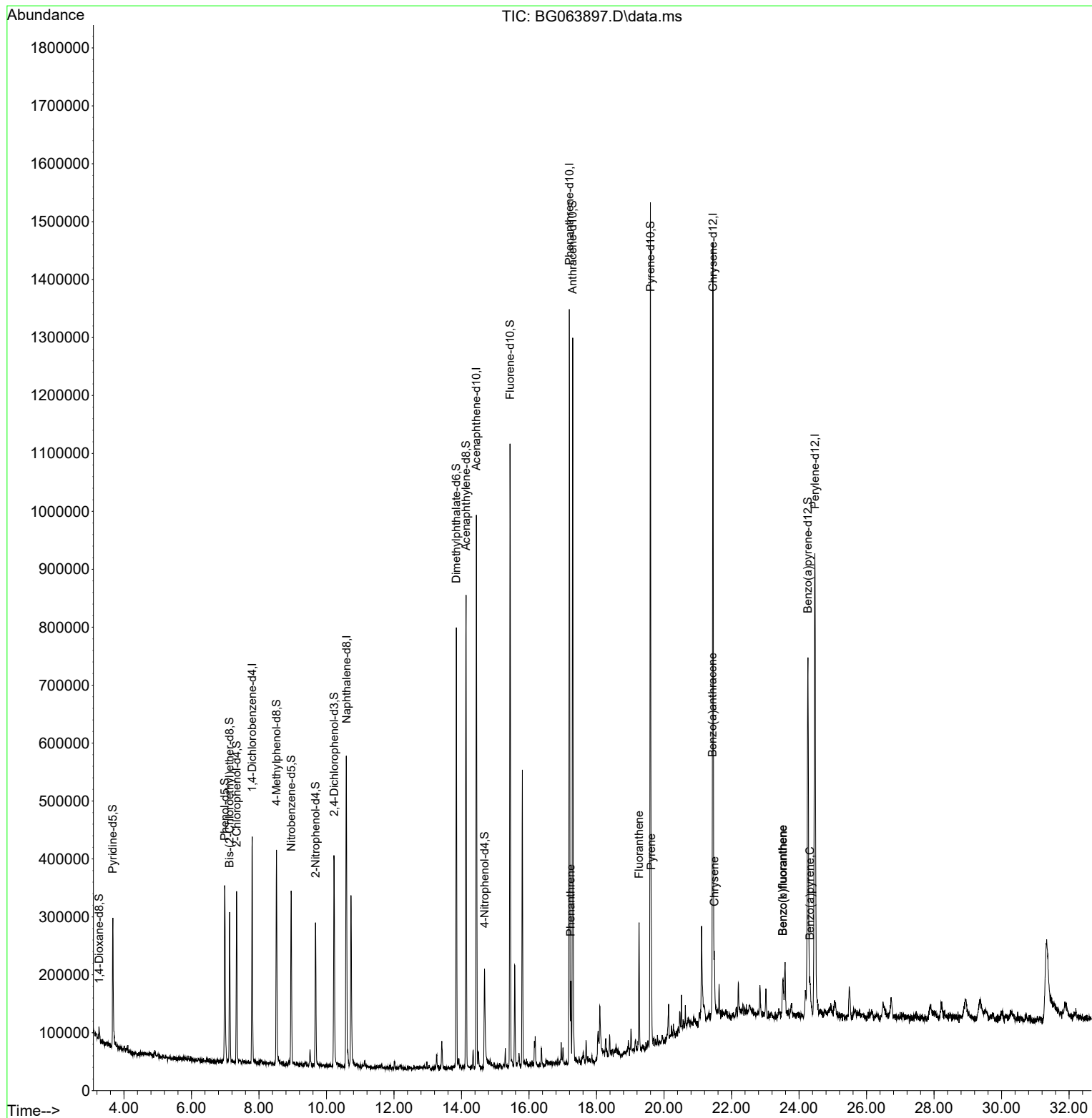
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	103600	20.000	ng/ul	0.00
20) Naphthalene-d8	10.590	136	445373	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	324651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	754164	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	748205	20.000	ng/ul	0.01
88) Perylene-d12	24.468	264	766915	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10142	3.836	ng/uL	0.00
4) Pyridine-d5	3.669	84	138737	16.636	ng/ul	0.00
7) Phenol-d5	6.983	99	188385	19.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	124907	18.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	122473	19.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	143634	19.389	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	67112	21.104	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	74068	20.779	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	139925	20.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.784	131	2425	0.277	ng/ul	0.06
46) Dimethylphthalate-d6	13.845	166	497475	22.519	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	554088	22.003	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	51650	16.502	ng/ul	0.02
60) Fluorene-d10	15.438	176	419568	21.481	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	522	0.133	ng/ul	0.11
73) Anthracene-d10	17.294	188	712136	21.963	ng/ul	0.00
81) Pyrene-d10	19.597	212	771234	19.808	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	628671	17.456	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.235	178	80626	2.218	ng/ul	96
80) Fluoranthene	19.263	202	134465	3.039	ng/ul	99
82) Pyrene	19.621	202	115364	2.450	ng/ul#	93
85) Benzo(a)anthracene	21.431	228	61381	1.309	ng/ul	95
87) Chrysene	21.489	228	57485	1.286	ng/ul	97
90) Benzo(b)fluoranthene	23.516	252	66520	1.526	ng/ul	99
91) Benzo(k)fluoranthene	23.516	252	67222	1.546	ng/ul	98
93) Benzo(a)pyrene	24.327	252	47894	1.171	ng/ul#	92

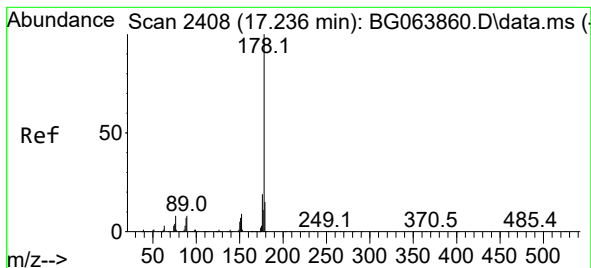
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.218 ng/ul

RT: 17.235 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

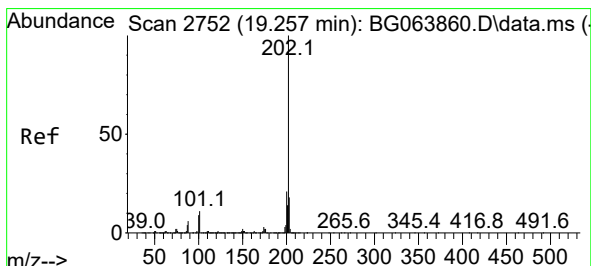
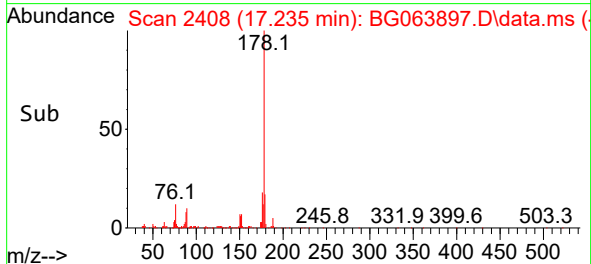
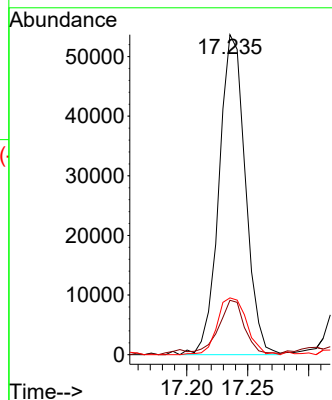
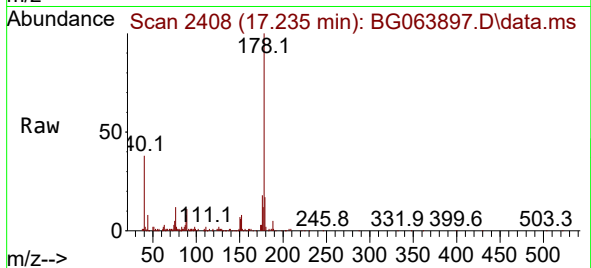
Tgt Ion:178 Resp: 80626

Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.2

176 17.7 15.8 23.6



#80

Fluoranthene

Concen: 3.039 ng/ul

RT: 19.263 min Scan# 2753

Delta R.T. 0.012 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

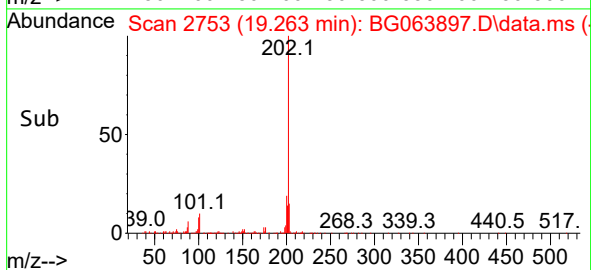
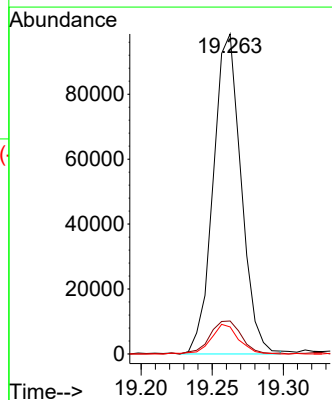
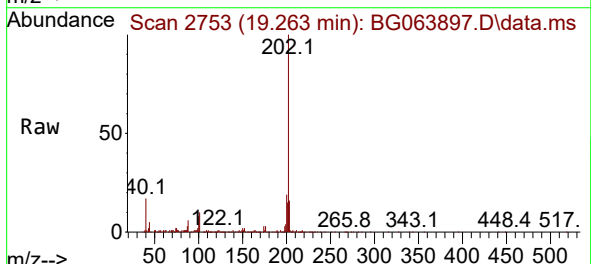
Tgt Ion:202 Resp: 134465

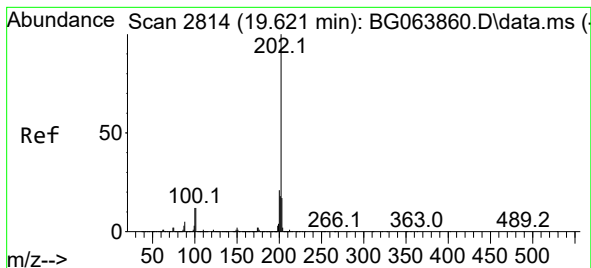
Ion Ratio Lower Upper

202 100

101 10.3 8.1 12.1

100 8.4 6.5 9.7





#82

Pyrene

Concen: 2.450 ng/ul

RT: 19.621 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

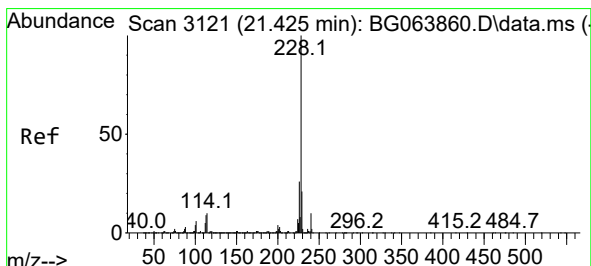
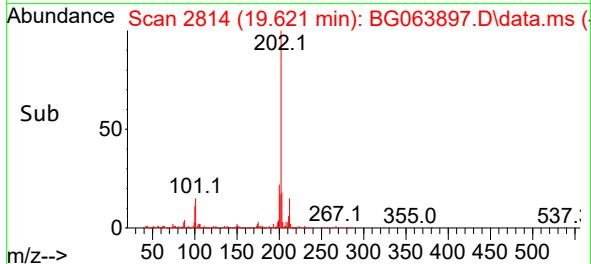
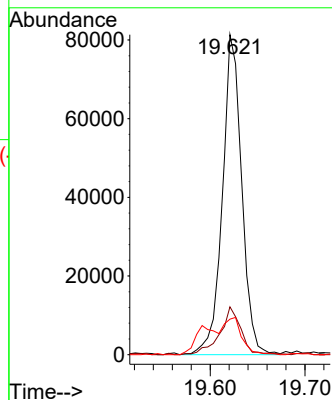
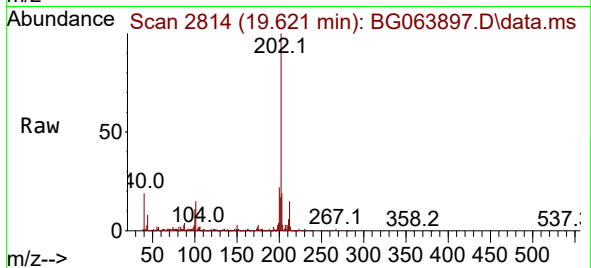
Tgt Ion:202 Resp: 115364

Ion Ratio Lower Upper

202 100

101 14.9 8.7 13.1#

100 11.1 7.8 11.6



#85

Benzo(a)anthracene

Concen: 1.309 ng/ul

RT: 21.431 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

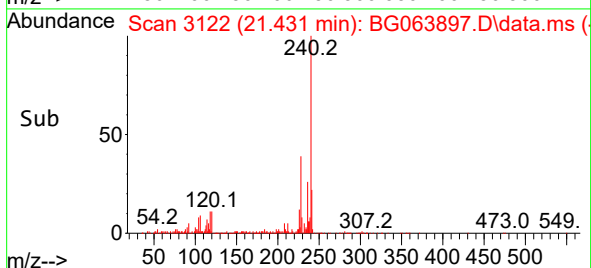
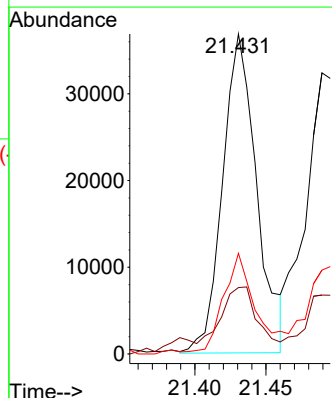
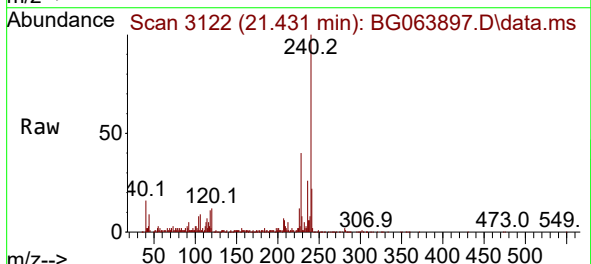
Tgt Ion:228 Resp: 61381

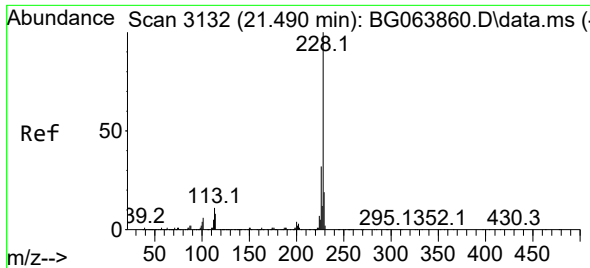
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 31.4 22.0 33.0





#87

Chrysene

Concen: 1.286 ng/ul

RT: 21.489 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

BNA_G

ClientSampleId :

E2925

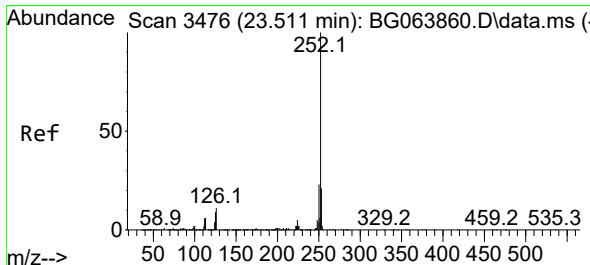
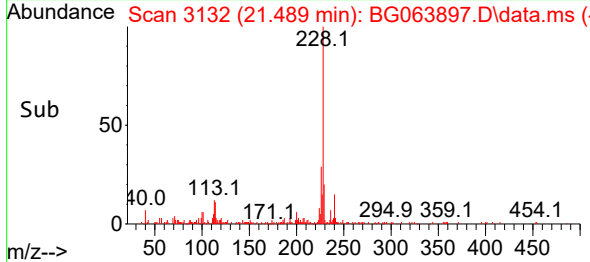
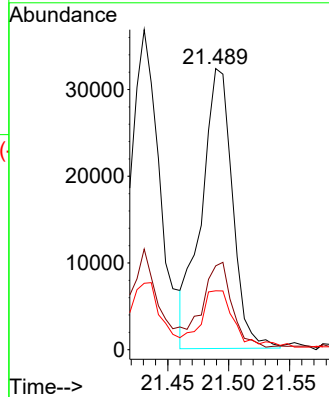
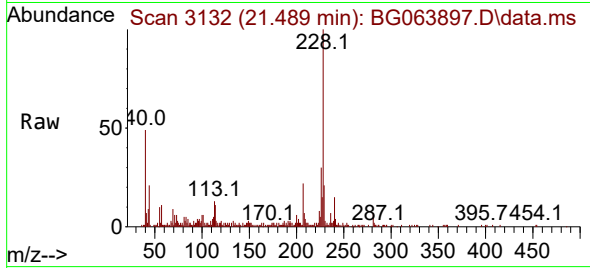
Tgt Ion:228 Resp: 57485

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 20.9 14.8 22.2



#90

Benzo(b)fluoranthene

Concen: 1.526 ng/ul

RT: 23.516 min Scan# 3477

Delta R.T. 0.017 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

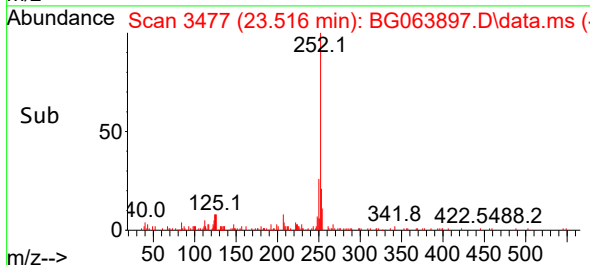
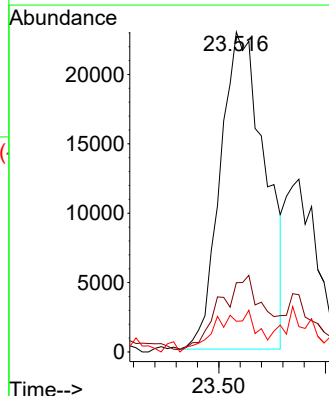
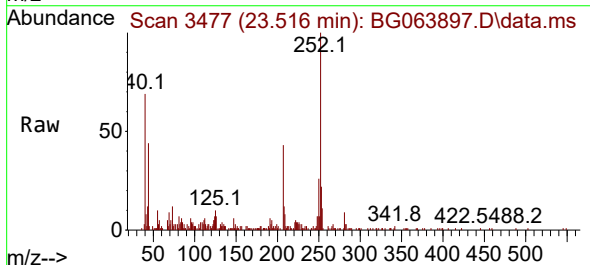
Tgt Ion:252 Resp: 66520

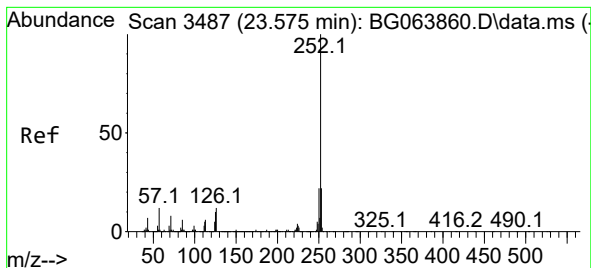
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.6 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 1.546 ng/ul

RT: 23.516 min Scan# 34

Delta R.T. -0.041 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Instrument :

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ClientSampleId :

E2925

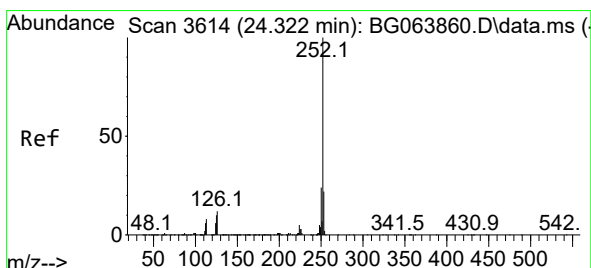
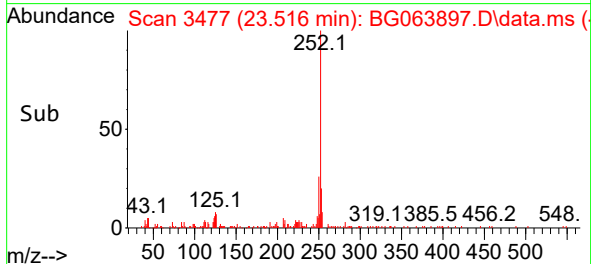
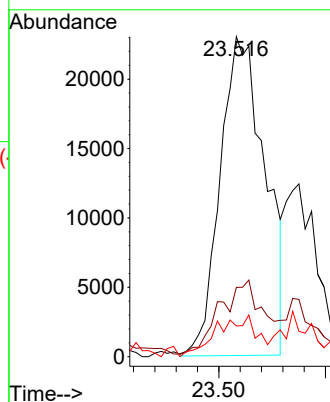
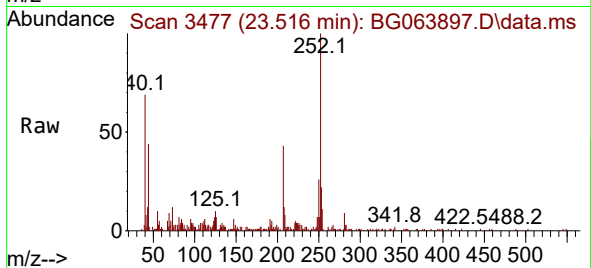
Tgt Ion:252 Resp: 67222

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.6 6.5 9.7



#93

Benzo(a)pyrene

Concen: 1.171 ng/ul

RT: 24.327 min Scan# 3615

Delta R.T. 0.023 min

Lab File: BG063897.D

Acq: 28 Dec 2024 10:20

Tgt Ion:252 Resp: 47894

Ion Ratio Lower Upper

252 100

253 23.4 16.6 24.8

125 14.7 8.0 12.0#

