

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063811.D
 Acq On : 24 Dec 2024 9:13
 Operator : RC/JU
 Sample : P5333-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 00:23:21 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	7.803	152	83237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.582	136	350672	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.437	164	280621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	716091	20.000	ng/u1	0.00
79) Chrysene-d12	21.434	240	754014	20.000	ng/u1	# 0.00
88) Perylene-d12	24.448	264	783091	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	8268	3.893	ng/uL	0.00
4) Pyridine-d5	3.667	84	113373	16.920	ng/u1	0.00
7) Phenol-d5	6.986	99	151268	19.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	99491	18.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	100884	20.327	ng/u1	0.00
15) 4-Methylphenol-d8	8.514	113	105122	17.662	ng/u1	0.00
21) Nitrobenzene-d5	8.955	128	50283	20.082	ng/u1	0.00
24) 2-Nitrophenol-d4	9.672	143	59901	21.343	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.224	165	115081	21.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.729	131	121416	17.597	ng/u1	0.00
46) Dimethylphthalate-d6	13.843	166	433039	22.678	ng/u1	0.00
49) Acenaphthylene-d8	14.131	160	464585	21.343	ng/u1	0.00
54) 4-Nitrophenol-d4	14.672	143	51947m	19.201	ng/u1	0.00
60) Fluorene-d10	15.435	176	365714	21.662	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.571	200	49551m	13.327	ng/u1	0.00
73) Anthracene-d10	17.286	188	681590m	22.139	ng/u1	0.00
81) Pyrene-d10	19.589	212	782782	19.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.243	264	670987	18.246	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.233	178	60188	1.744	ng/u1	95
80) Fluoranthene	19.254	202	139357	3.125	ng/u1	97
82) Pyrene	19.619	202	124454	2.623	ng/u1	99
85) Benzo(a)anthracene	21.417	228	72643	1.537	ng/u1	96
87) Chrysene	21.481	228	68603	1.523	ng/u1	97
90) Benzo(b)fluoranthene	23.508	252	81220	1.825	ng/u1	97
93) Benzo(a)pyrene	24.307	252	60405	1.446	ng/u1	99

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

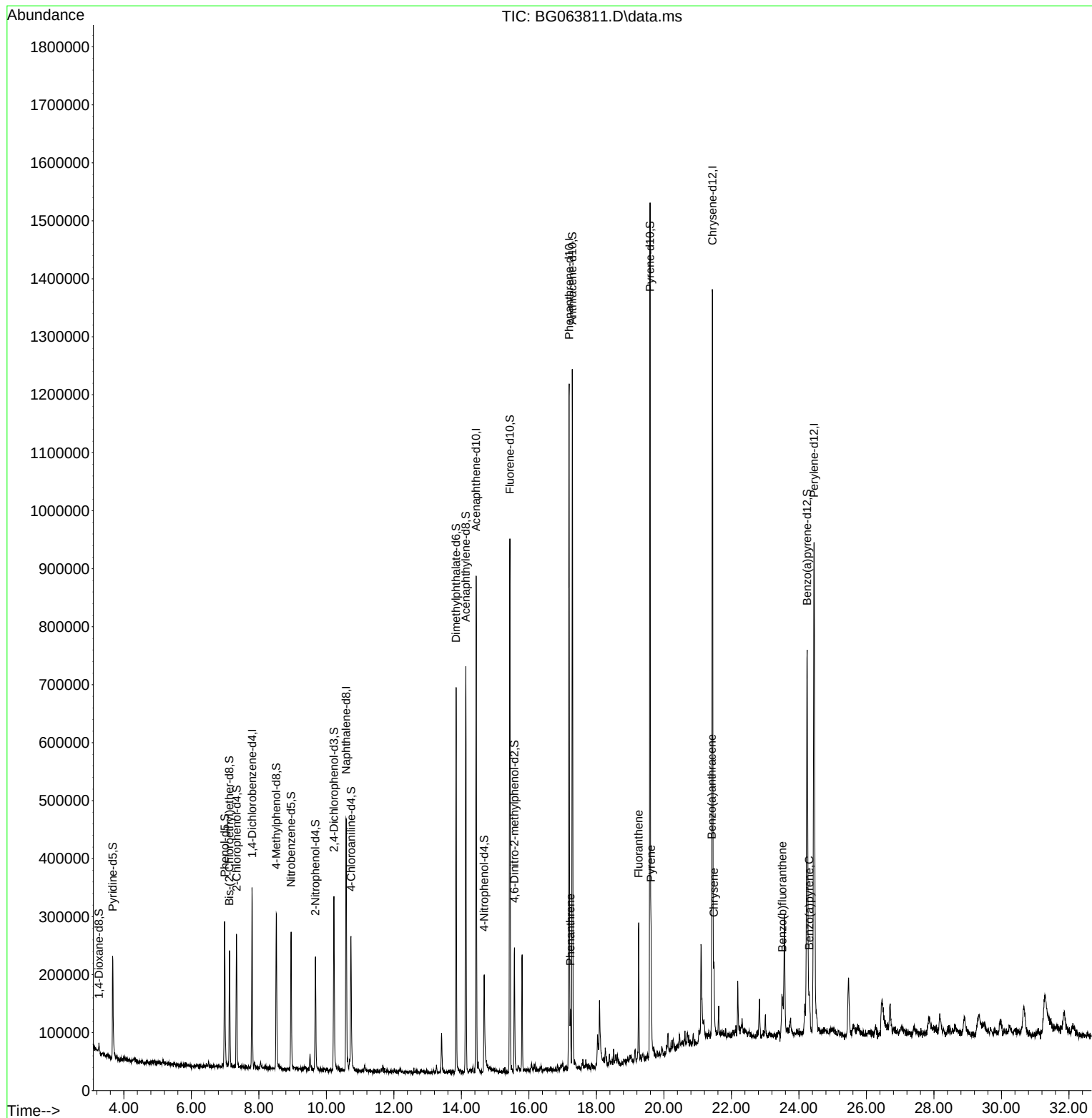
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063811.D
Acq On : 24 Dec 2024 9:13
Operator : RC/JU
Sample : P5333-20
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ALS Vial : 36 Sample Multiplier: 1

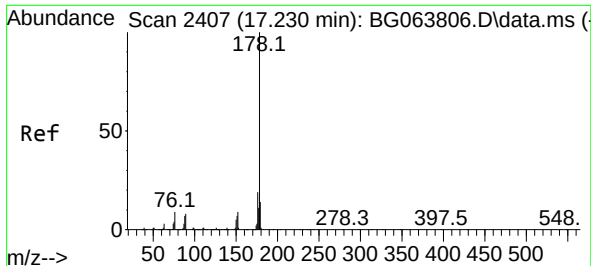
Instrument :
BNA_G
ClientSampleId :
E2923

Quant Time: Dec 25 00:23:21 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

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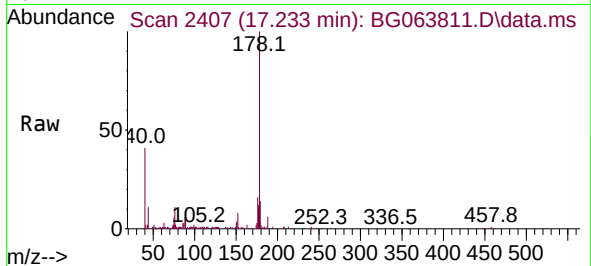
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#72
Phenanthrene
Concen: 1.744 ng/ul
RT: 17.233 min Scan# 2407
Delta R.T. 0.004 min
Lab File: BG063811.D
Acq: 24 Dec 2024 9:13

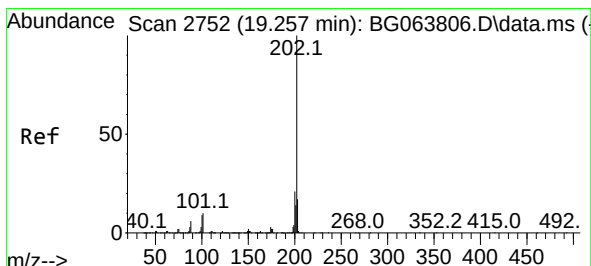
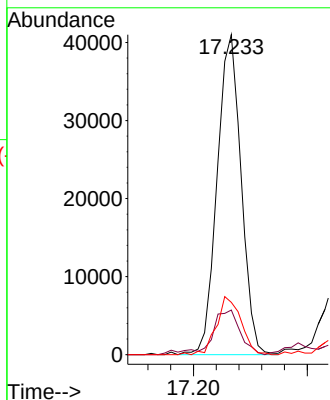
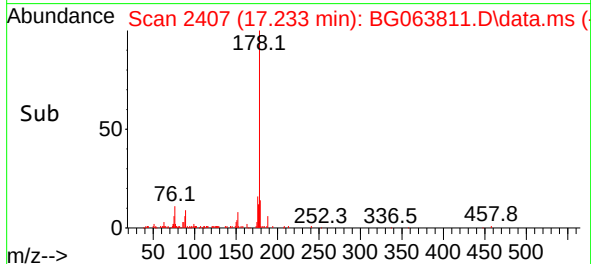
Instrument :
BNA_G
ClientSampleId :
E2923



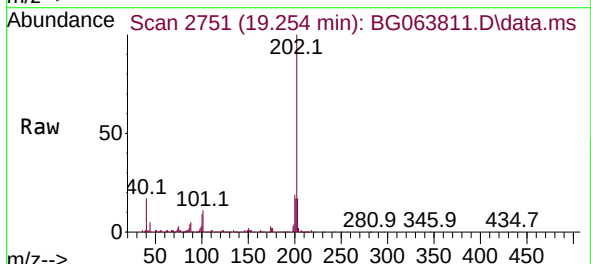
Tgt Ion:178 Resp: 60188
Ion Ratio Lower Upper
178 100
179 13.9 12.2 18.2
176 16.3 15.8 23.6

Manual Integrations
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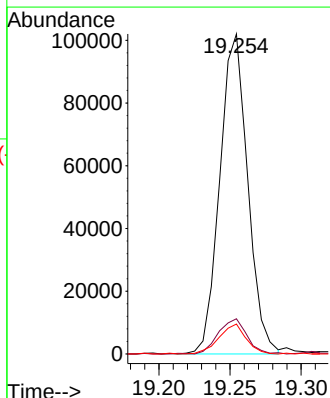
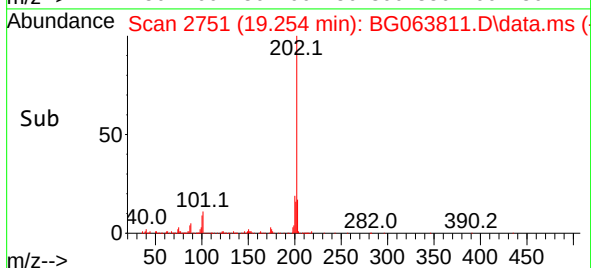
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

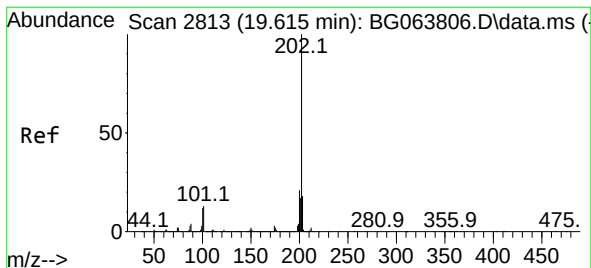


#80
Fluoranthene
Concen: 3.125 ng/ul
RT: 19.254 min Scan# 2751
Delta R.T. 0.004 min
Lab File: BG063811.D
Acq: 24 Dec 2024 9:13



Tgt Ion:202 Resp: 139357
Ion Ratio Lower Upper
202 100
101 11.0 8.1 12.1
100 9.3 6.5 9.7





#82

Pyrene

Concen: 2.623 ng/ul

RT: 19.619 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG063811.D

Acq: 24 Dec 2024 9:13

Instrument :

BNA_G

ClientSampleId :

E2923

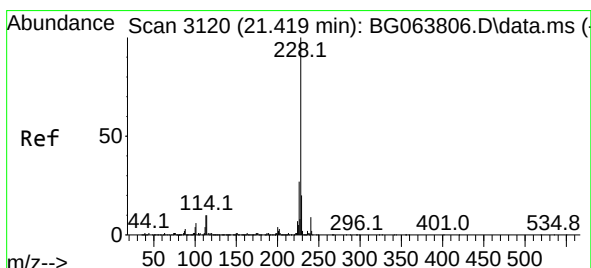
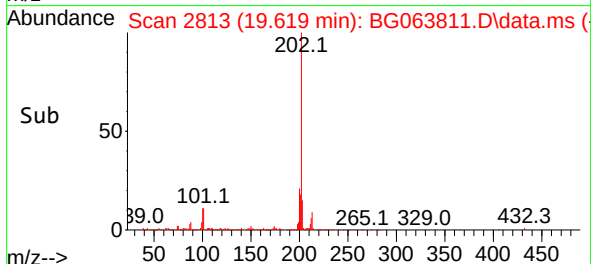
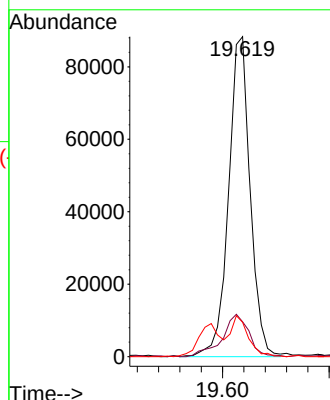
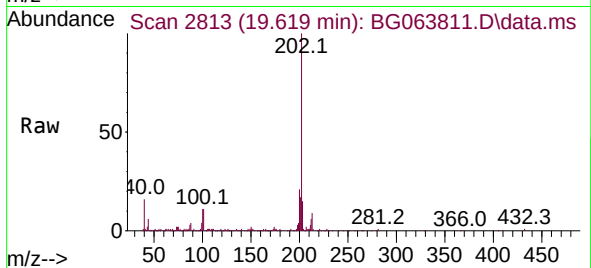
Tgt Ion:	202	Resp:	124454
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.7	13.1
100	10.8	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.537 ng/ul

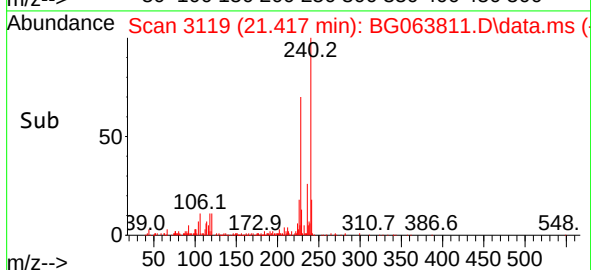
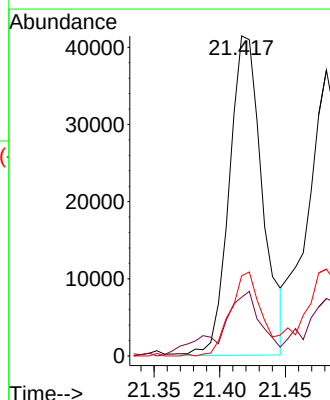
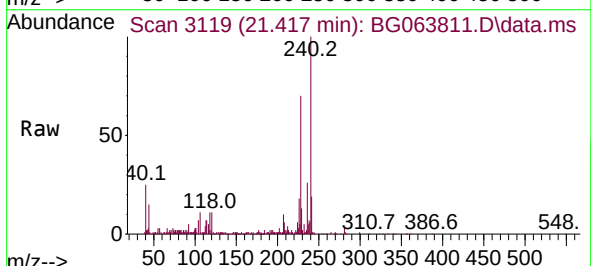
RT: 21.417 min Scan# 3119

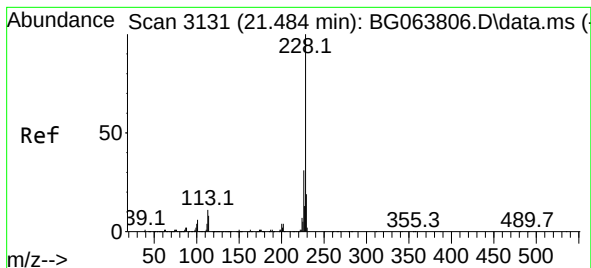
Delta R.T. -0.002 min

Lab File: BG063811.D

Acq: 24 Dec 2024 9:13

Tgt Ion:	228	Resp:	72643
Ion Ratio	Lower	Upper	
228	100		
229	18.4	15.7	23.5
226	25.1	22.0	33.0





#87

Chrysene

Concen: 1.523 ng/ul

RT: 21.481 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG063811.D

Acq: 24 Dec 2024 9:13

Instrument :

BNA_G

ClientSampleId :

E2923

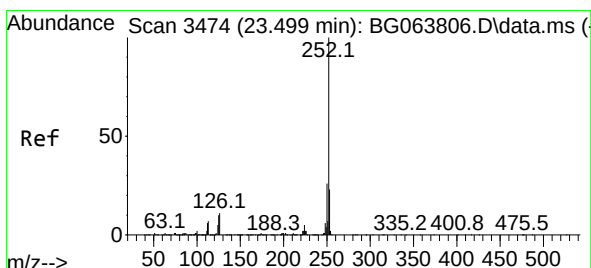
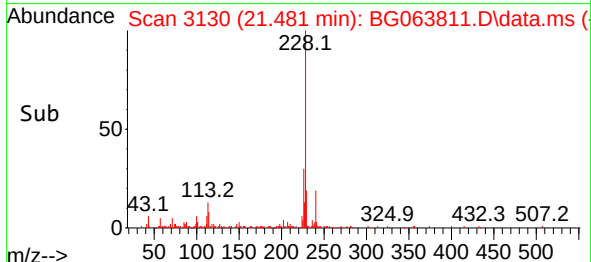
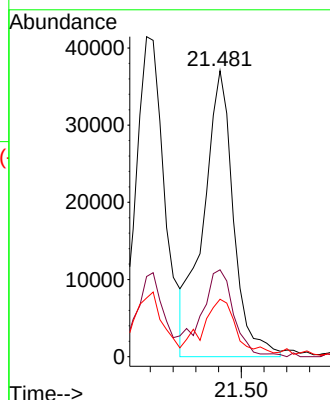
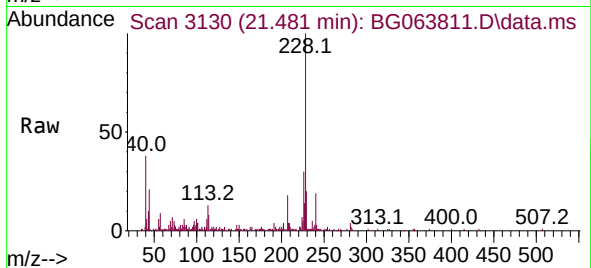
Tgt Ion:228	Resp:	6860
Ion Ratio	Lower	Upper
228	100	
226	30.4	23.4 35.0
229	20.1	14.8 22.2

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#90

Benzo(b)fluoranthene

Concen: 1.825 ng/ul

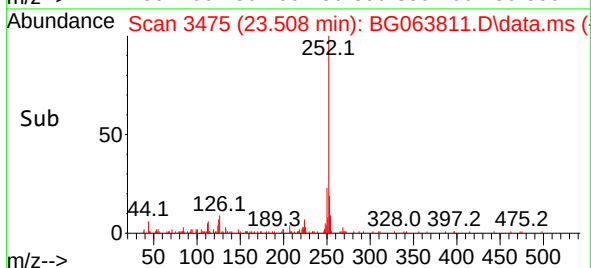
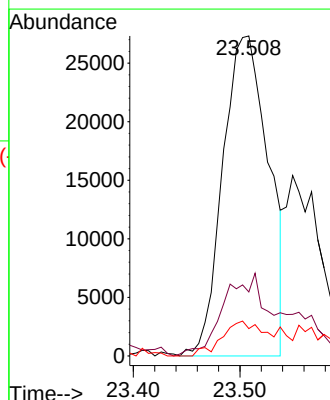
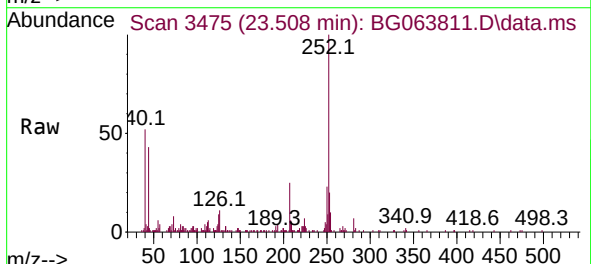
RT: 23.508 min Scan# 3475

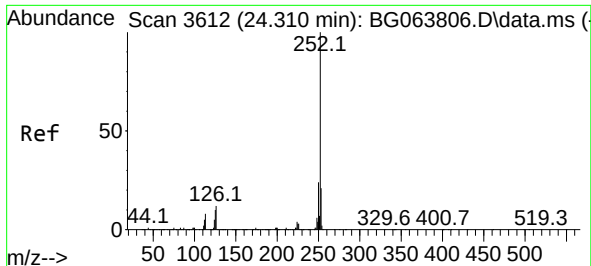
Delta R.T. 0.009 min

Lab File: BG063811.D

Acq: 24 Dec 2024 9:13

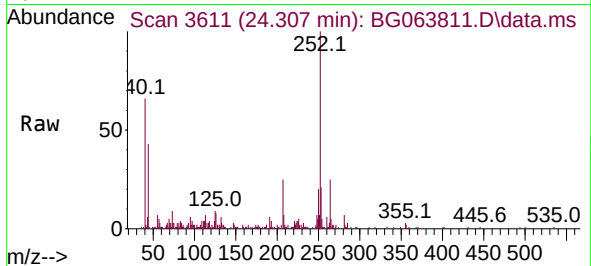
Tgt Ion:252	Resp:	81220
Ion Ratio	Lower	Upper
252	100	
253	20.0	17.7 26.5
125	8.6	7.0 10.4





#93
 Benzo(a)pyrene
 Concen: 1.446 ng/ul
 RT: 24.307 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG063811.D
 Acq: 24 Dec 2024 9:13

Instrument :
 BNA_G
 ClientSampleId :
 E2923



Tgt Ion:252 Resp: 6040
 Ion Ratio Lower Upper
 252 100
 253 21.2 16.6 24.8
 125 9.5 8.0 12.0

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