

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061871.D
 Acq On : 3 Jul 2024 19:43
 Operator : MA/JU
 Sample : P2964-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:30:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	39906	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	192693	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	143765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	351900	20.000	ng/u1	0.00
79) Chrysene-d12	21.720	240	303521	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	365236	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3631	3.419	ng/uL	0.00
4) Pyridine-d5	3.911	84	6483	1.985	ng/u1	0.00
7) Phenol-d5	7.248	99	75984	17.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.413	67	46949	16.976	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	56553	18.878	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	56160	16.333	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	28557	19.486	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	32667	19.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	63492	19.669	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.038	131	60868	12.988	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	233047	19.717	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	257091	20.802	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	31577	16.729	ng/u1	0.00
60) Fluorene-d10	15.709	176	210982	21.204	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	30575	16.544	ng/u1	-0.01
73) Anthracene-d10	17.560	188	343605	20.914	ng/u1	0.00
81) Pyrene-d10	19.834	212	346403	19.403	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.740	264	267319	14.758	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.501	178	63528	3.424	ng/u1	98
80) Fluoranthene	19.499	202	99977	4.732	ng/u1#	95
82) Pyrene	19.863	202	71807	3.290	ng/u1	97
85) Benzo(a)anthracene	21.702	228	46760	2.128	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.602	149	15927	1.212	ng/u1#	99
87) Chrysene	21.767	228	47117	2.290	ng/u1	96
90) Benzo(b)fluoranthene	23.929	252	58147	2.527	ng/u1	97
91) Benzo(k)fluoranthene	23.993	252	27953m	1.218	ng/u1	
93) Benzo(a)pyrene	24.804	252	26034m	1.195	ng/u1	

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

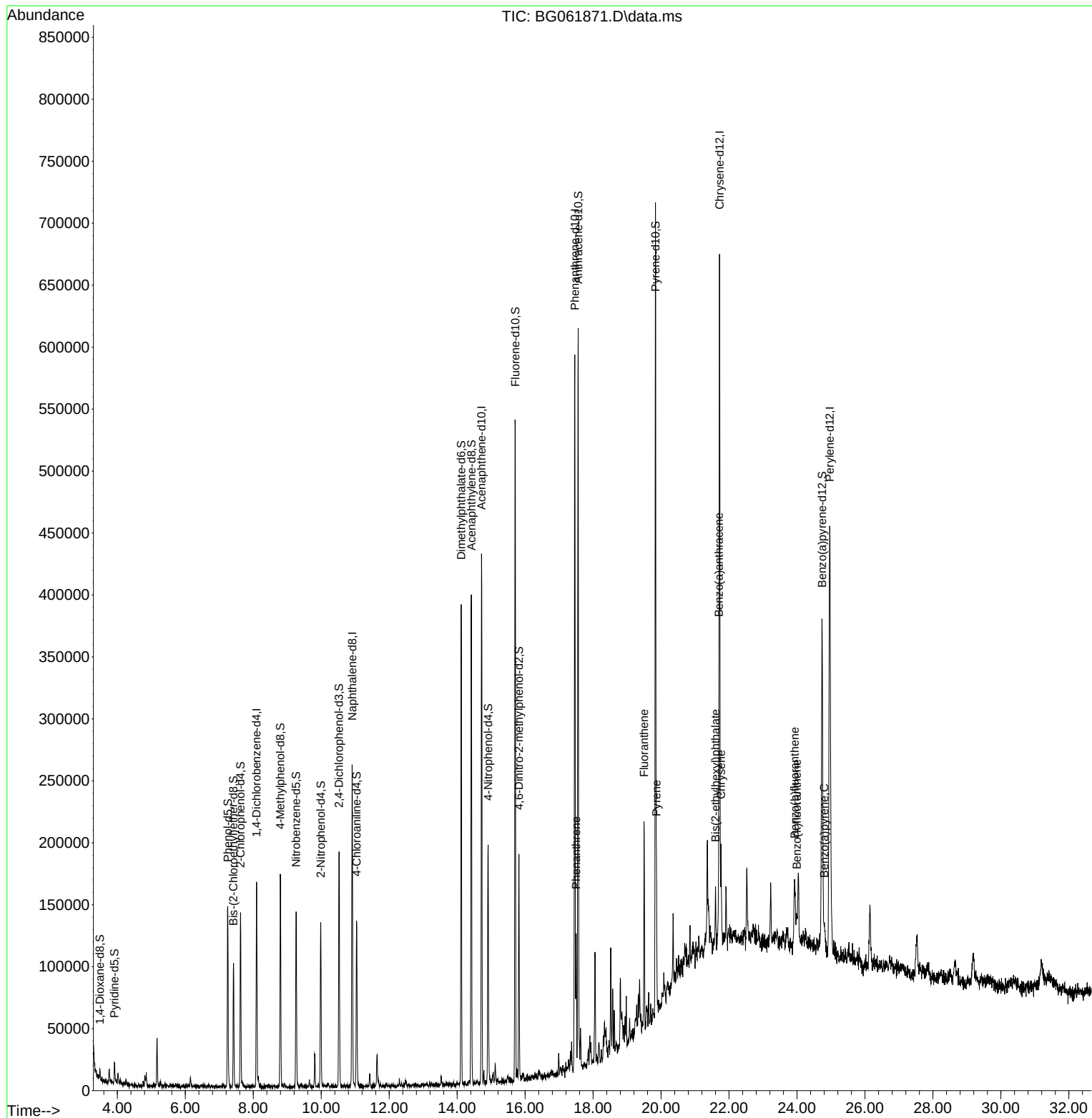
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061871.D
Acq On : 3 Jul 2024 19:43
Operator : MA/JU
Sample : P2964-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

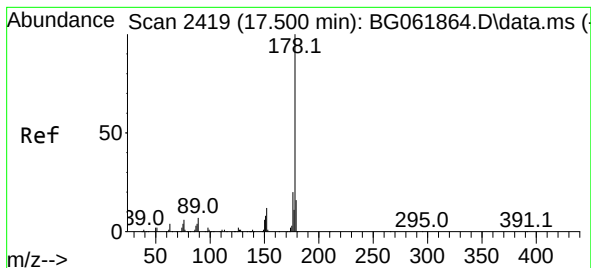
Instrument :
BNA_G
ClientSampleId :
A4CT6

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.424 ng/ul

RT: 17.501 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG061871.D

Acq: 3 Jul 2024 19:43

Instrument :

BNA_G

ClientSampleId :

A4CT6

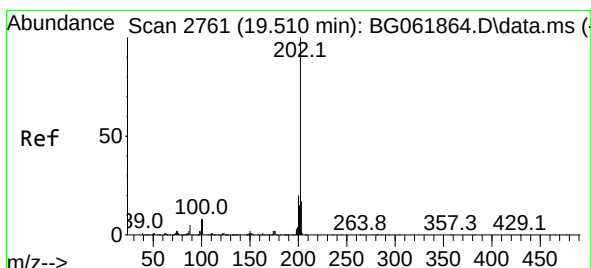
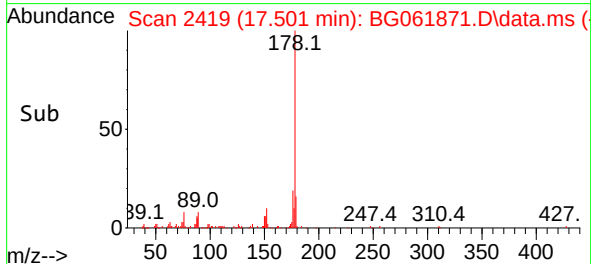
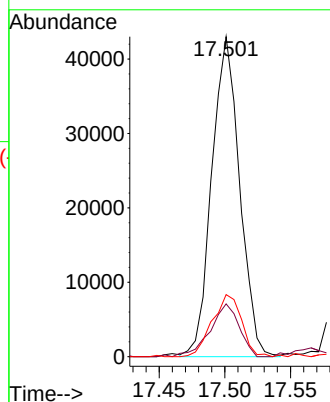
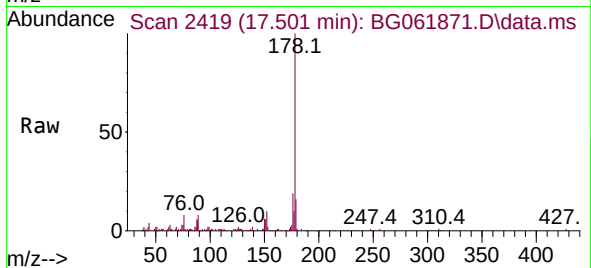
Tgt Ion:178 Resp: 63528
 Ion Ratio Lower Upper
 178 100
 179 16.5 11.9 17.9
 176 19.4 15.5 23.3

Manual Integrations

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#80

Fluoranthene

Concen: 4.732 ng/ul

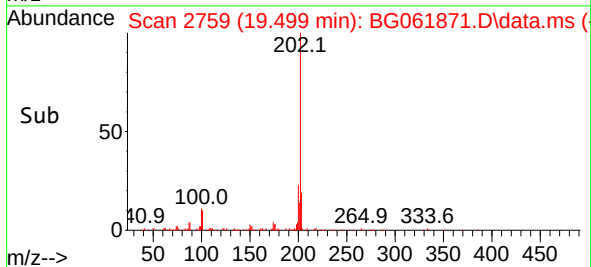
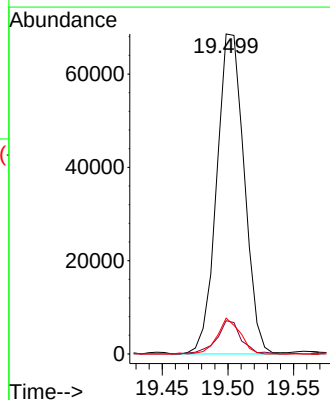
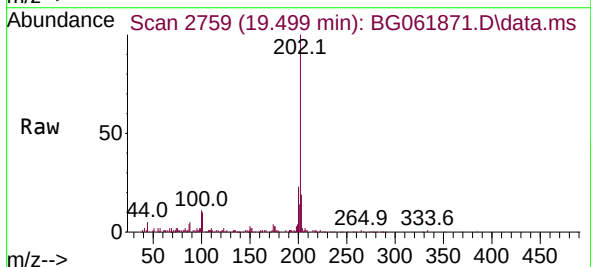
RT: 19.499 min Scan# 2759

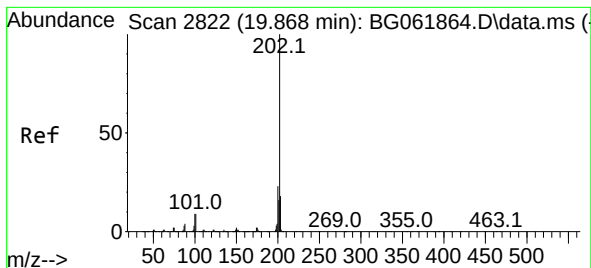
Delta R.T. -0.006 min

Lab File: BG061871.D

Acq: 3 Jul 2024 19:43

Tgt Ion:202 Resp: 99977
 Ion Ratio Lower Upper
 202 100
 101 10.4 7.4 11.2
 100 11.2 6.6 10.0#





#82

Pyrene

Concen: 3.290 ng/ul

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061871.D

Acq: 3 Jul 2024 19:43

Instrument :

BNA_G

ClientSampleId :

A4CT6

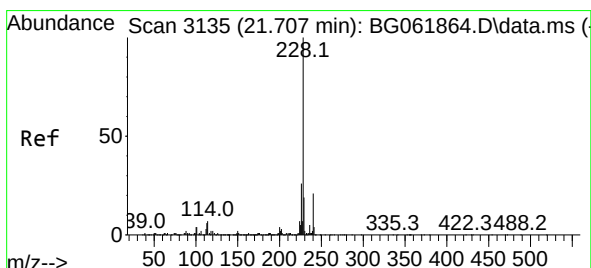
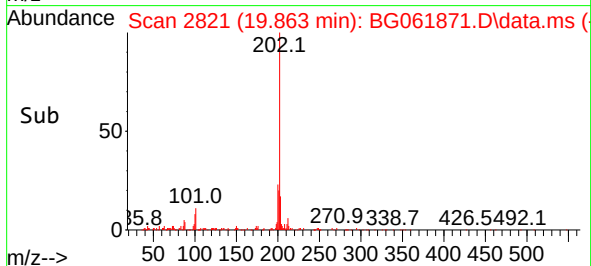
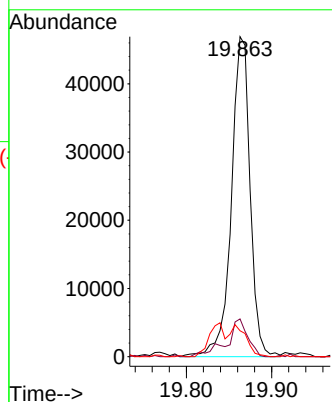
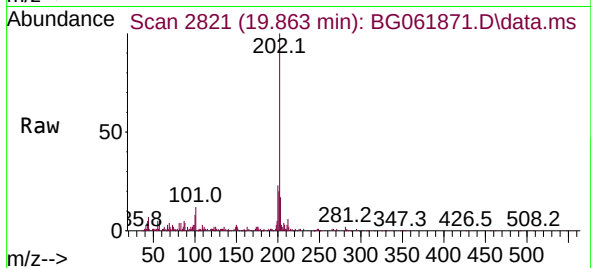
Tgt Ion:	202	Resp:	7180
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.8	13.2
100	8.1	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.128 ng/ul

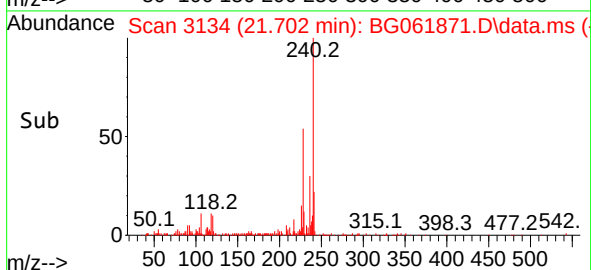
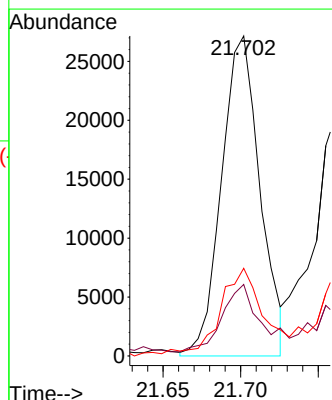
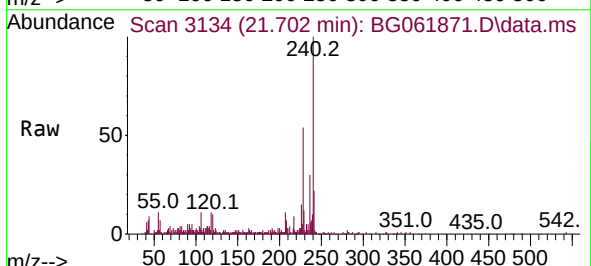
RT: 21.702 min Scan# 3134

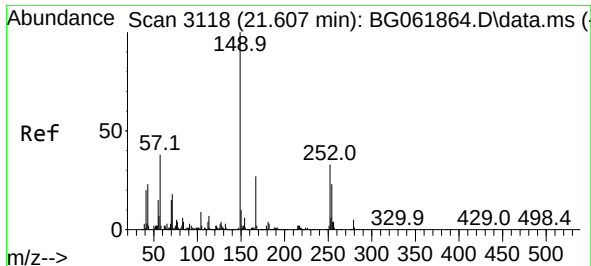
Delta R.T. 0.000 min

Lab File: BG061871.D

Acq: 3 Jul 2024 19:43

Tgt Ion:	228	Resp:	46760
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.7	23.5
226	27.4	21.7	32.5





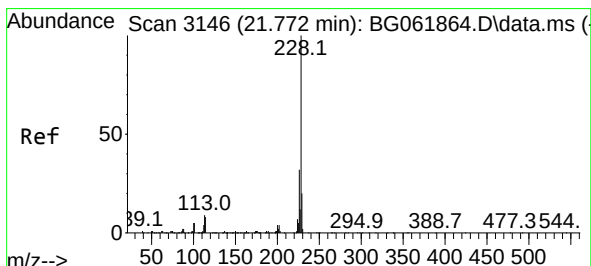
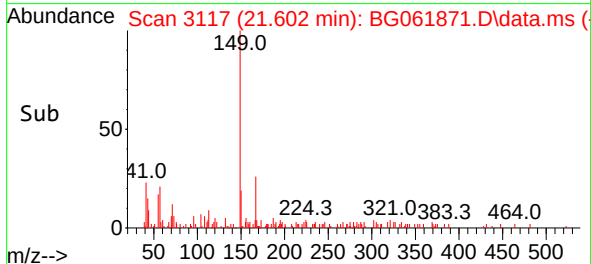
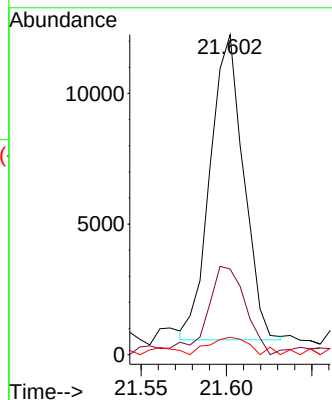
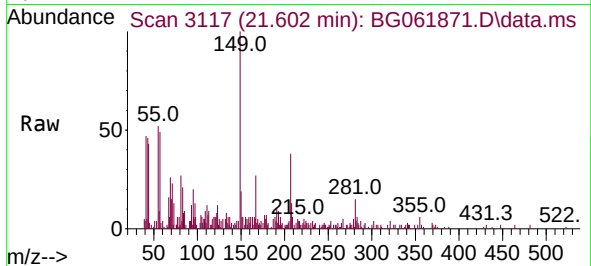
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.212 ng/ul
 RT: 21.602 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BG061871.D
 Acq: 3 Jul 2024 19:43

Instrument :
 BNA_G
 ClientSampleId :
 A4CT6

Tgt Ion:149 Resp: 1592
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.7 32.5
 279 5.5 2.8 4.2

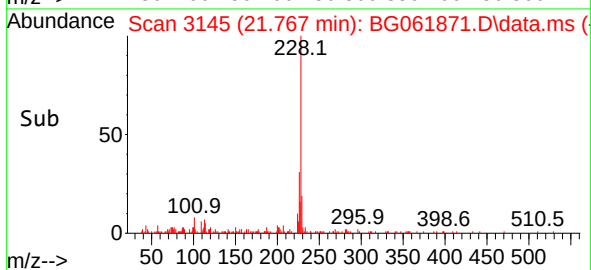
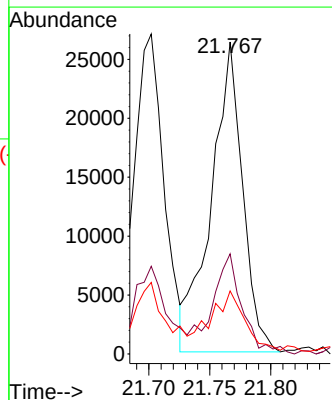
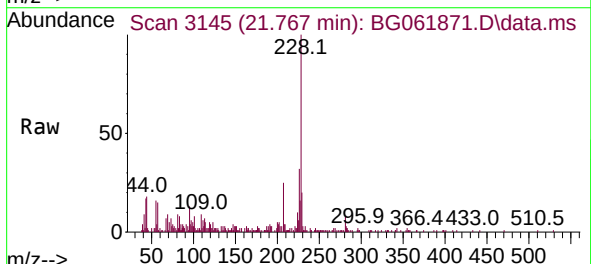
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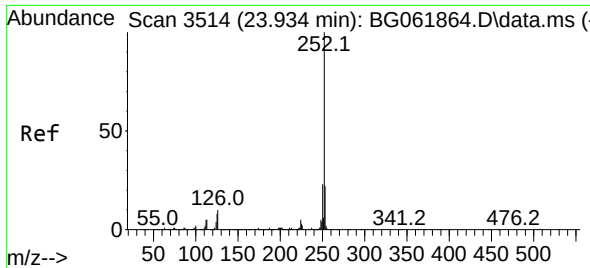
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#87
 Chrysene
 Concen: 2.290 ng/ul
 RT: 21.767 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BG061871.D
 Acq: 3 Jul 2024 19:43

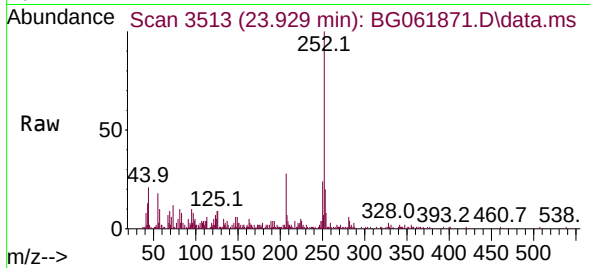
Tgt Ion:228 Resp: 47117
 Ion Ratio Lower Upper
 228 100
 226 32.1 23.3 34.9
 229 20.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.527 ng/ul
RT: 23.929 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BG061871.D
Acq: 3 Jul 2024 19:43

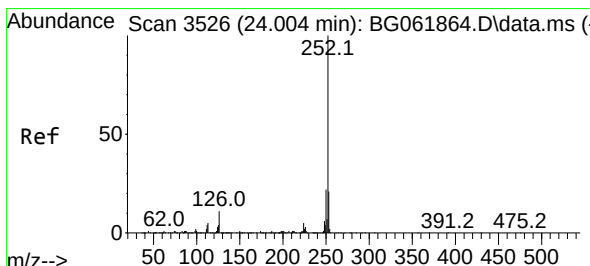
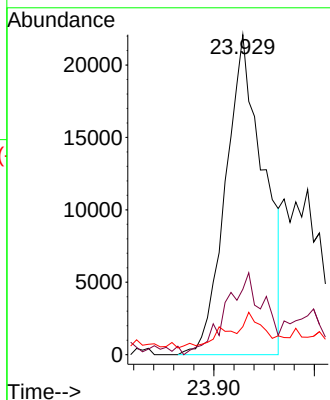
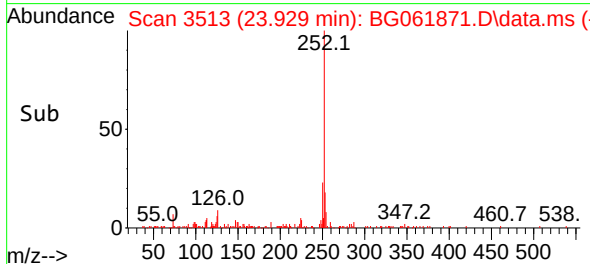
Instrument :
BNA_G
ClientSampleId :
A4CT6



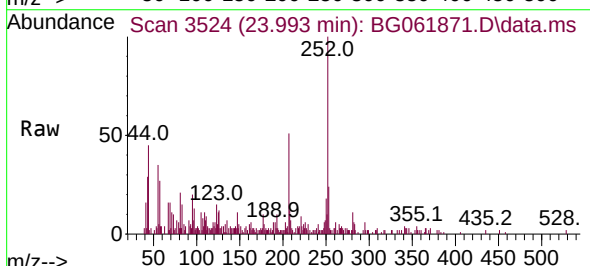
Tgt Ion:252 Resp: 5814
Ion Ratio Lower Upper
252 100
253 20.4 17.2 25.8
125 8.8 6.1 9.1

Manual Integrations
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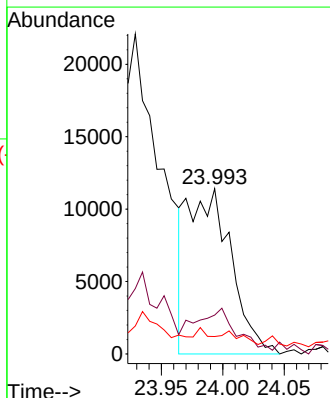
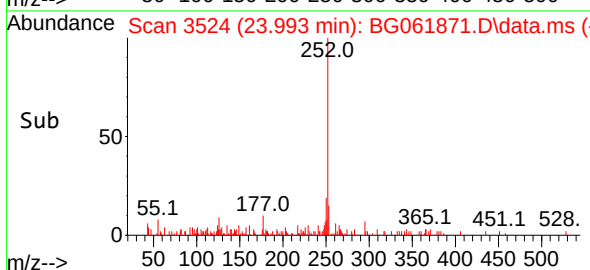
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

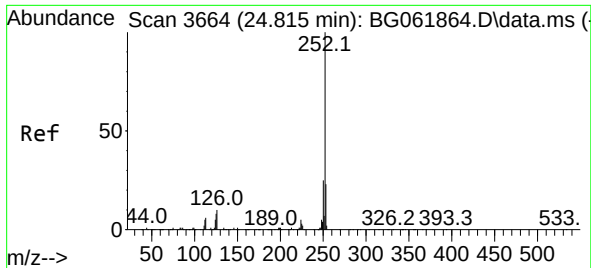


#91
Benzo(k)fluoranthene
Concen: 1.218 ng/ul m
RT: 23.993 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BG061871.D
Acq: 3 Jul 2024 19:43



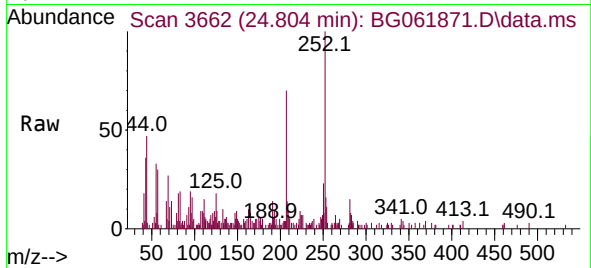
Tgt Ion:252 Resp: 27953
Ion Ratio Lower Upper
252 100
253 23.6 19.3 28.9
125 10.5 6.3 9.5#





#93
Benzo(a)pyrene
Concen: 1.195 ng/ul m
RT: 24.804 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG061871.D
Acq: 3 Jul 2024 19:43

Instrument :
BNA_G
ClientSampleId :
A4CT6



Tgt Ion:252 Resp: 26034
Ion Ratio Lower Upper
252 100
253 16.2 16.5 24.7
125 17.5 7.4 11.2

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