

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061468.D
 Acq On : 4 Jun 2024 23:47
 Operator : MA/JU
 Sample : P2590-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 00:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	28905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	120075	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	91529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	209241	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	230566	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	262019	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1538	2.978	ng/uL	0.00
4) Pyridine-d5	3.740	84	21753	11.838	ng/u1	0.00
7) Phenol-d5	7.065	99	50745	21.378	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	28096	18.831	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	37372	21.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	38352	18.948	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	20594	22.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	24719	22.846	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49071	23.264	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	48974	17.747	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	179811	25.330	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	186585	25.282	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	13975m	15.923	ng/u1	0.02
60) Fluorene-d10	15.508	176	154098	25.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	22169	17.518	ng/u1	0.01
73) Anthracene-d10	17.359	188	223394	24.217	ng/u1	0.00
81) Pyrene-d10	19.656	212	314638	26.577	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	344894	27.380	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.300	178	27546	2.712	ng/u1	98
80) Fluoranthene	19.321	202	67841	4.777	ng/u1	99
82) Pyrene	19.686	202	62079	4.211	ng/u1	98
85) Benzo(a)anthracene	21.501	228	36601	2.301	ng/u1	98
87) Chrysene	21.501	228	36400	2.485	ng/u1	96
90) Benzo(b)fluoranthene	23.628	252	50212	3.219	ng/u1	99
91) Benzo(k)fluoranthene	23.687	252	20822m	1.315	ng/u1	
93) Benzo(a)pyrene	24.462	252	35826	2.418	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.111	276	27560m	1.538	ng/u1	
96) Benzo(g,h,i)perylene	29.222	276	26416m	1.854	ng/u1	

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

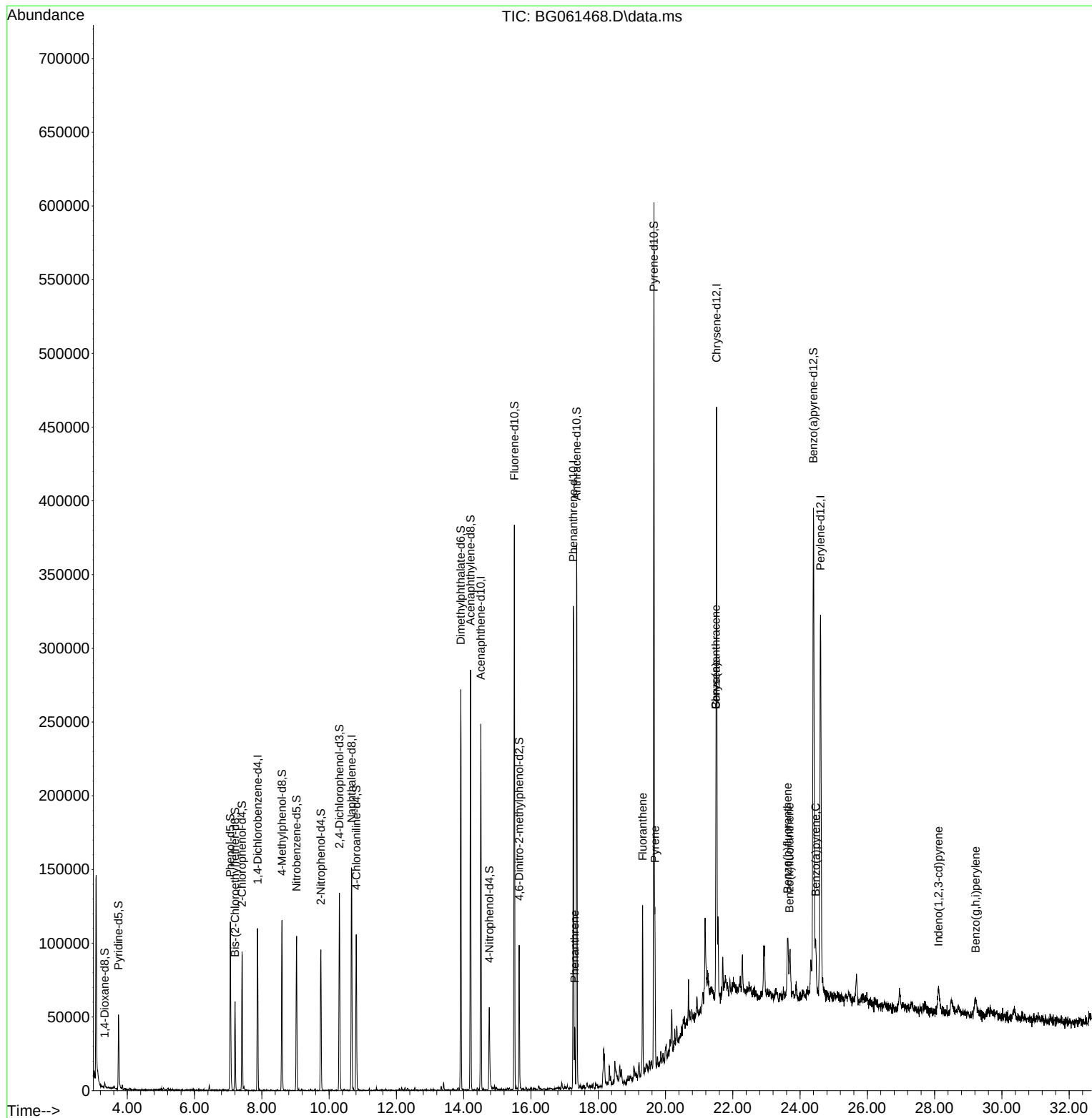
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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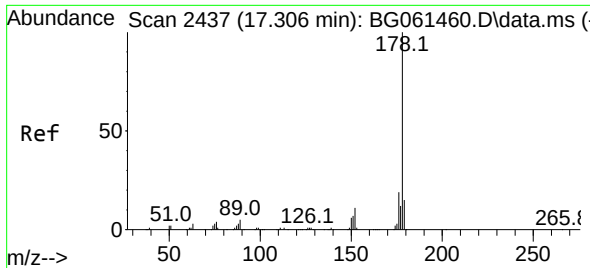
Instrument :
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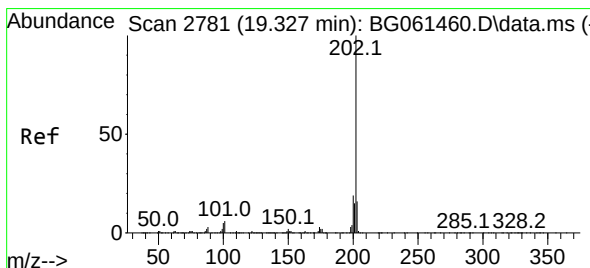
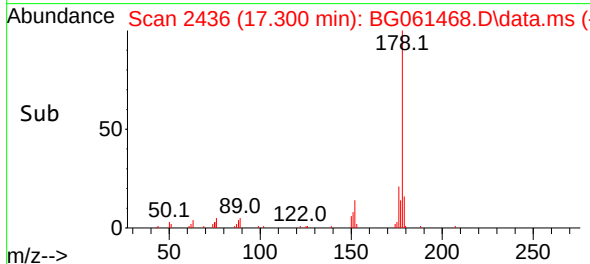
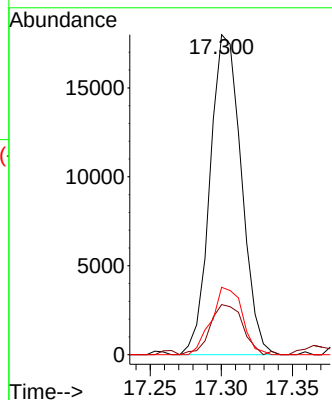
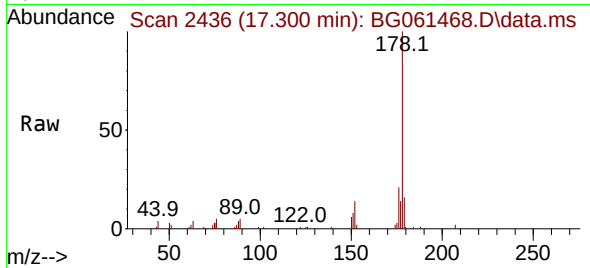
#72
Phenanthrene
Concen: 2.712 ng/ul
RT: 17.300 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BG061468.D
Acq: 4 Jun 2024 23:47

Instrument :
BNA_G
ClientSampleId :
BHBM2

Tgt Ion:178 Resp: 27540
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 21.1 15.5 23.3

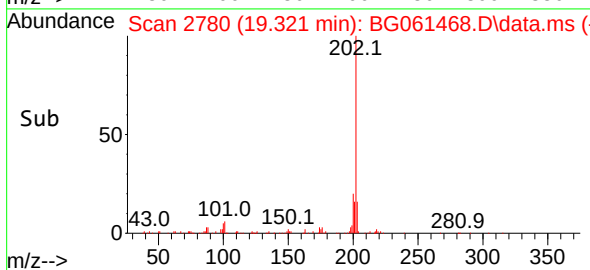
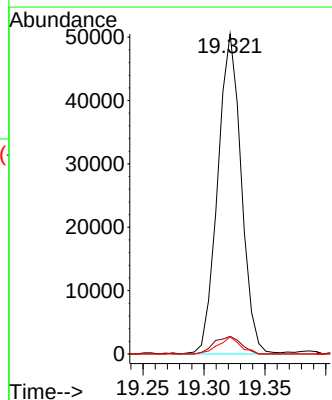
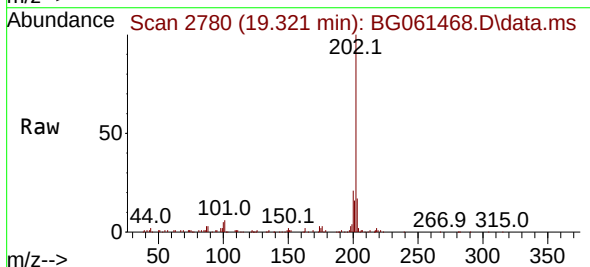
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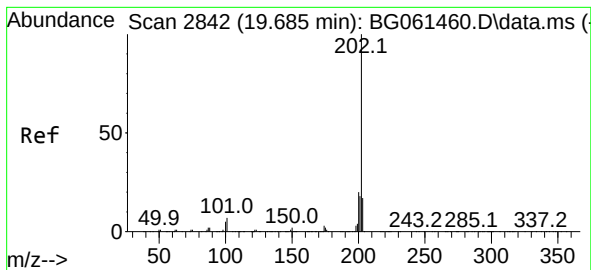
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#80
Fluoranthene
Concen: 4.777 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. 0.007 min
Lab File: BG061468.D
Acq: 4 Jun 2024 23:47

Tgt Ion:202 Resp: 67841
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 5.4 4.1 6.1





#82

Pyrene

Concen: 4.211 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Instrument :

BNA_G

ClientSampleId :

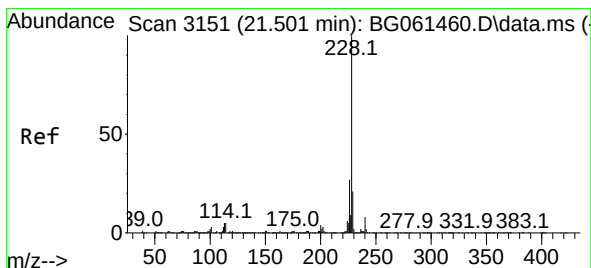
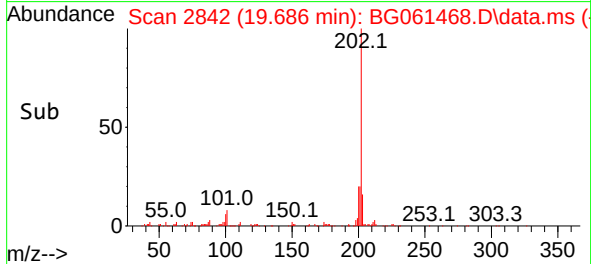
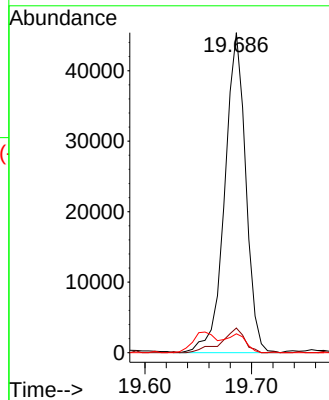
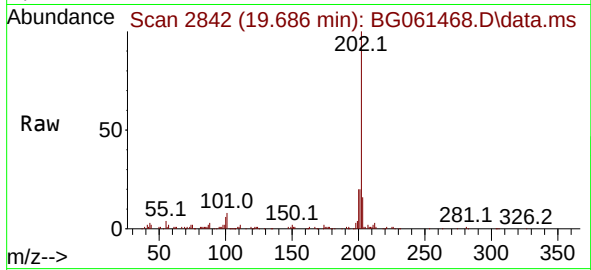
BHBM2

Tgt Ion:202 Resp: 62079
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.7 8.5
 100 5.9 5.1 7.7

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#85

Benzo(a)anthracene

Concen: 2.301 ng/ul

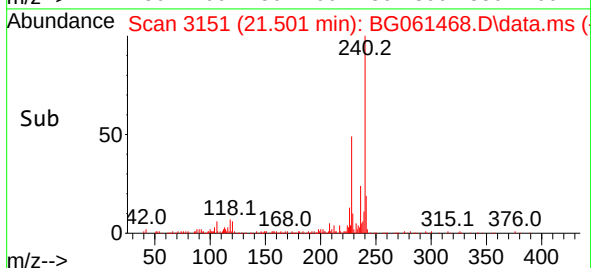
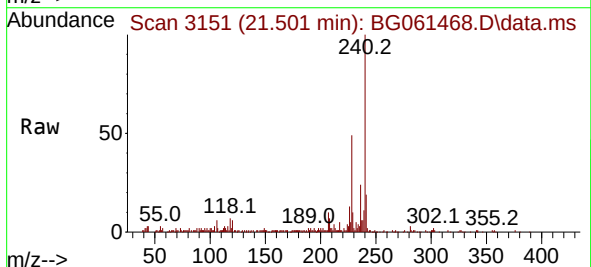
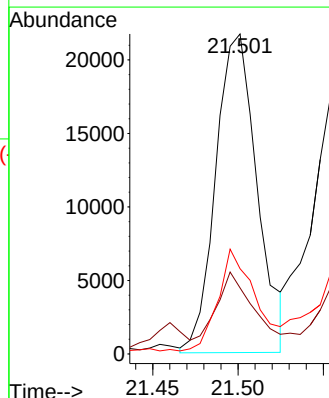
RT: 21.501 min Scan# 3151

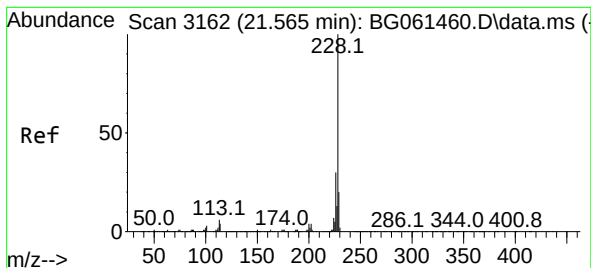
Delta R.T. 0.007 min

Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Tgt Ion:228 Resp: 36601
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.2 22.8
 226 26.6 21.4 32.2





#87

Chrysene

Concen: 2.485 ng/ul

RT: 21.501 min Scan# 3162

Delta R.T. -0.052 min

Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Instrument :

BNA_G

ClientSampleId :

BHBM2

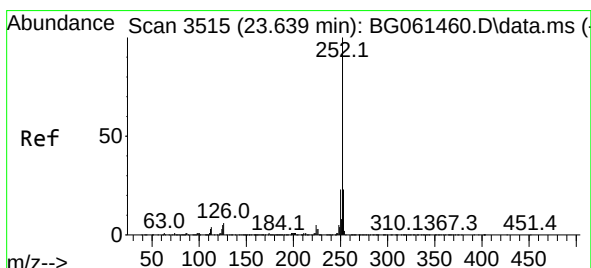
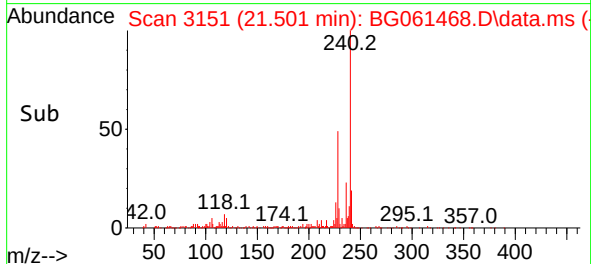
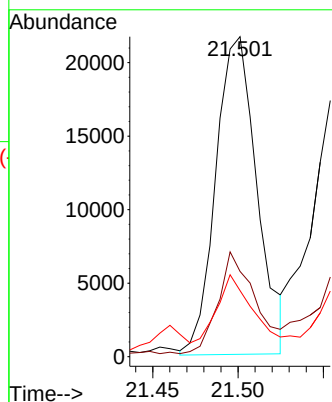
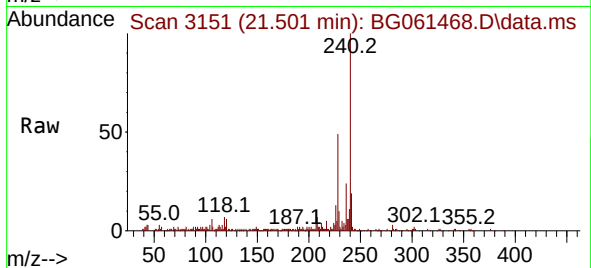
Tgt Ion:228 Resp: 36400

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.0
229	20.7	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 3.219 ng/ul

RT: 23.628 min Scan# 3513

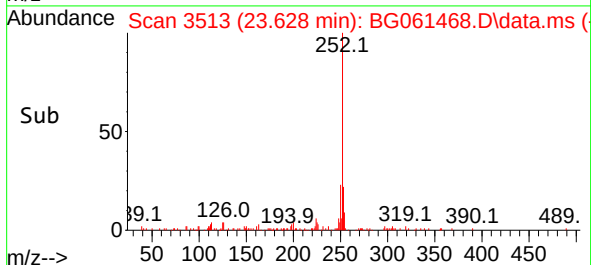
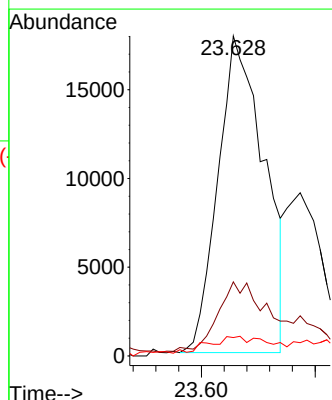
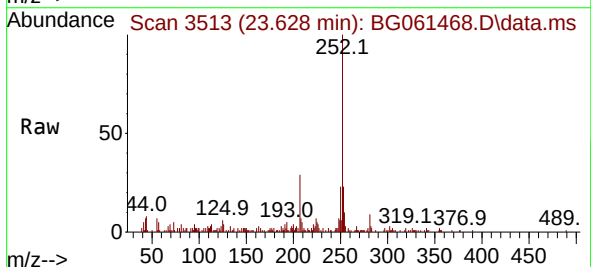
Delta R.T. 0.013 min

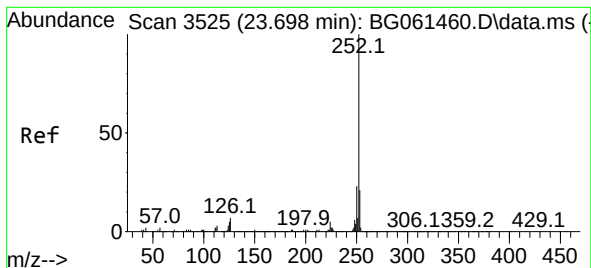
Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Tgt Ion:252 Resp: 50212

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	5.8	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 1.315 ng/ul m

RT: 23.687 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Instrument :

BNA_G

ClientSampleId :

BHBM2

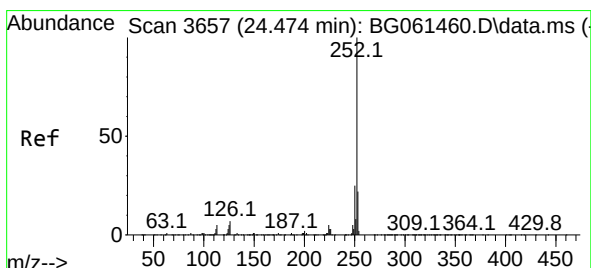
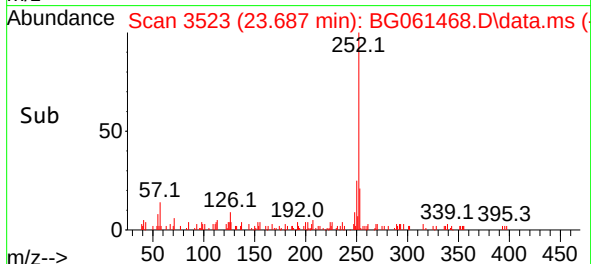
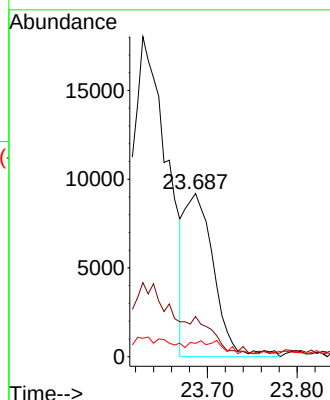
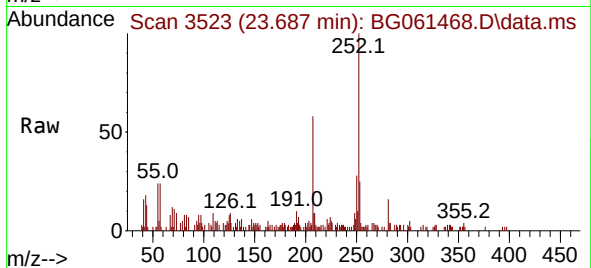
Tgt Ion:252 Resp: 2082

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0
125	8.2	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 2.418 ng/ul

RT: 24.462 min Scan# 3655

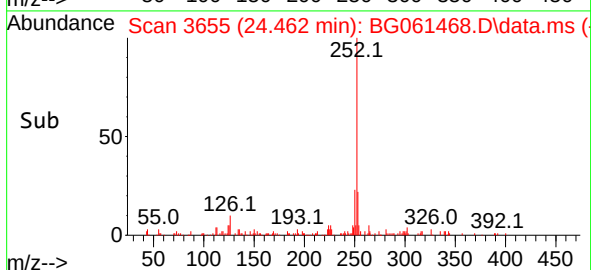
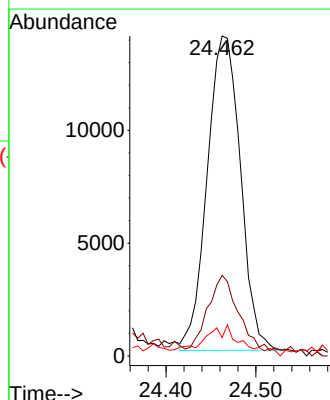
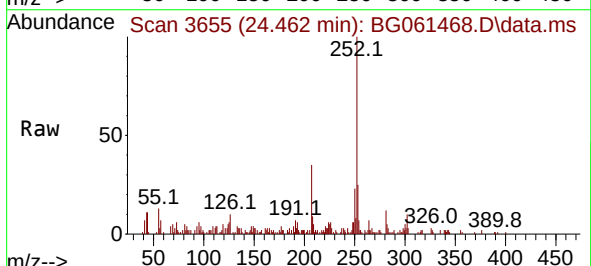
Delta R.T. 0.013 min

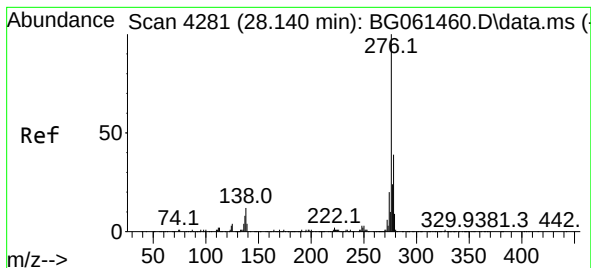
Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Tgt Ion:252 Resp: 35826

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.4	24.6
125	5.8	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.538 ng/ul m

RT: 28.111 min Scan# 4276

Delta R.T. 0.018 min

Lab File: BG061468.D

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BNA_G

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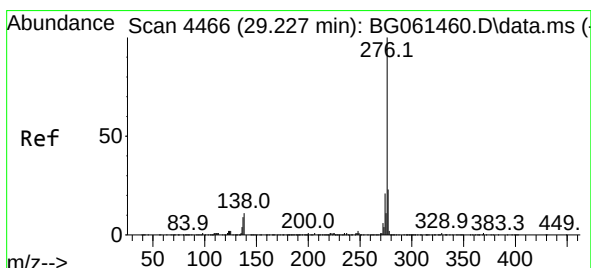
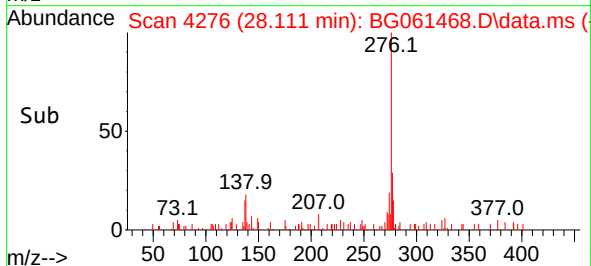
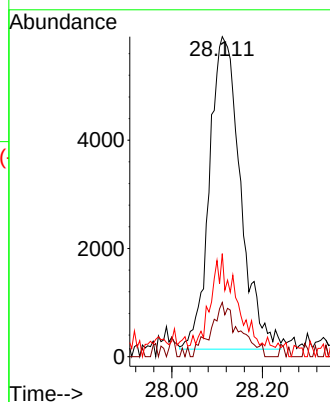
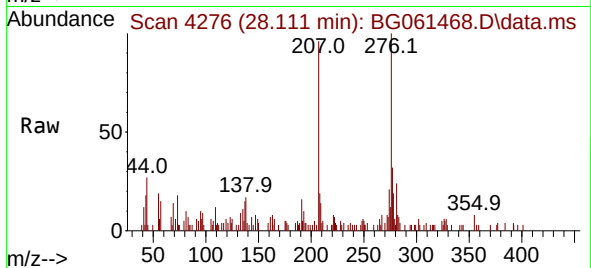
BHBM2

Tgt Ion:	276	Resp:	27560
Ion Ratio	Lower	Upper	
276	100		
138	17.0	8.6	13.0
277	32.2	19.7	29.5

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#96

Benzo(g,h,i)perylene

Concen: 1.854 ng/ul m

RT: 29.222 min Scan# 4465

Delta R.T. 0.048 min

Lab File: BG061468.D

Acq: 4 Jun 2024 23:47

Tgt Ion:	276	Resp:	26416
Ion Ratio	Lower	Upper	
276	100		
138	12.0	8.7	13.1
277	20.4	18.2	27.2

