

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061428.D
 Acq On : 3 Jun 2024 18:11
 Operator : MA/JU
 Sample : P2577-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBP2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 23:50:35 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	7.877	152	35415	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	141251	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	109945	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	263767	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	283970	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264	330109	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3022m	4.775	ng/uL	0.00
4) Pyridine-d5	3.746	84	36797	16.344	ng/ul	0.00
7) Phenol-d5	7.060	99	69956	24.054	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	42973	23.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	55614	25.838	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	57591	23.223	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	28936	26.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	31953	25.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	66193	26.676	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	55714	17.163	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	211419	24.794	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	232763	26.256	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	22019m	20.886	ng/ul	0.02
60) Fluorene-d10	15.503	176	190259	25.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	30970	19.413	ng/ul	0.01
73) Anthracene-d10	17.360	188	300230	25.818	ng/ul	0.00
81) Pyrene-d10	19.657	212	388170	26.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	421999	26.591	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	20112	1.571	ng/ul	96
80) Fluoranthene	19.322	202	52496	3.001	ng/ul	99
82) Pyrene	19.681	202	51441	2.833	ng/ul	99
85) Benzo(a)anthracene	21.496	228	32626	1.665	ng/ul	95
87) Chrysene	21.561	228	37985m	2.105	ng/ul	
90) Benzo(b)fluoranthene	23.629	252	53484	2.721	ng/ul#	96
93) Benzo(a)pyrene	24.457	252	35061	1.879	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	28.106	276	31792m	1.409	ng/ul	
96) Benzo(g,h,i)perylene	29.205	276	27603m	1.537	ng/ul	

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

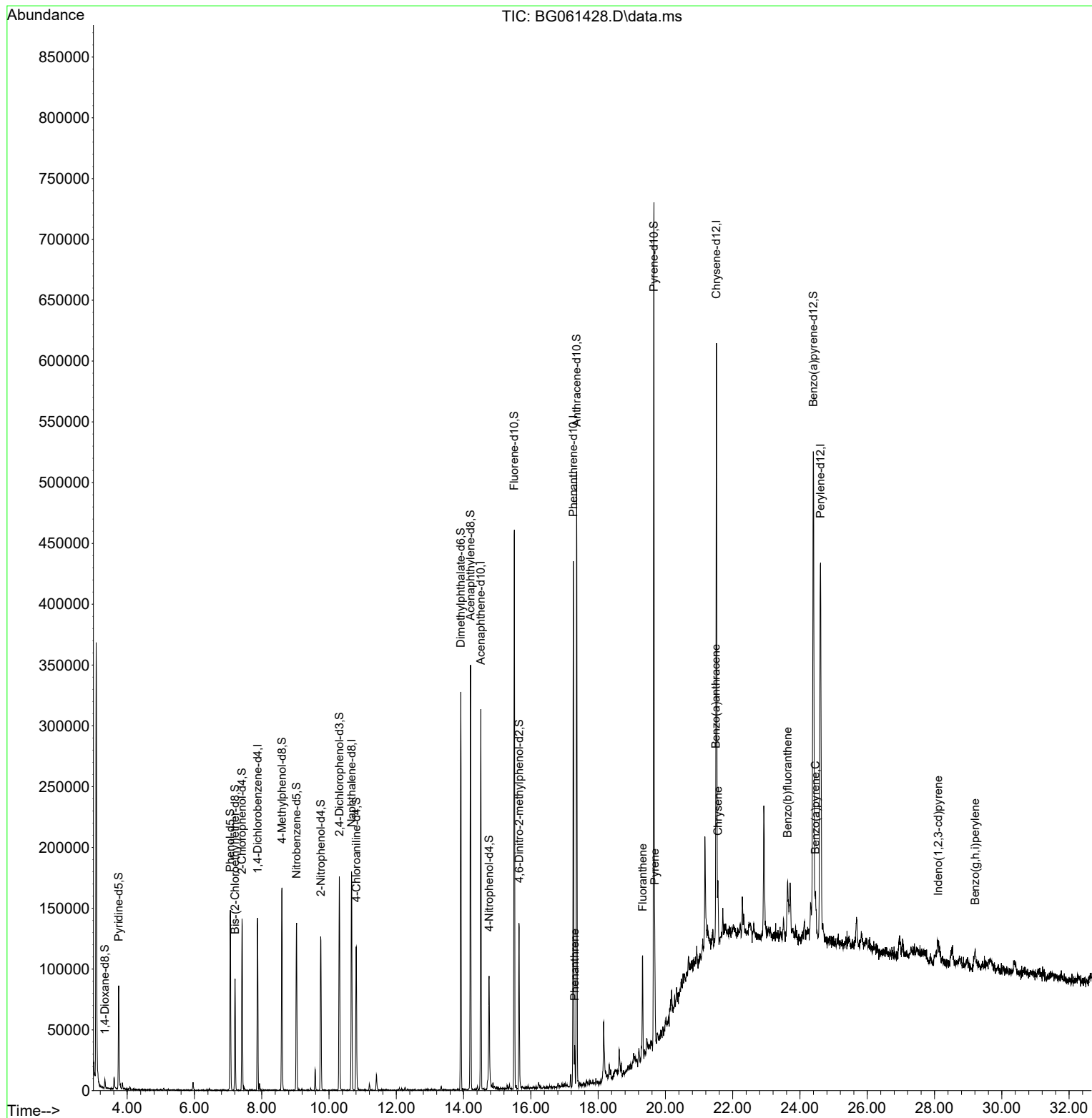
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061428.D
Acq On : 3 Jun 2024 18:11
Operator : MA/JU
Sample : P2577-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

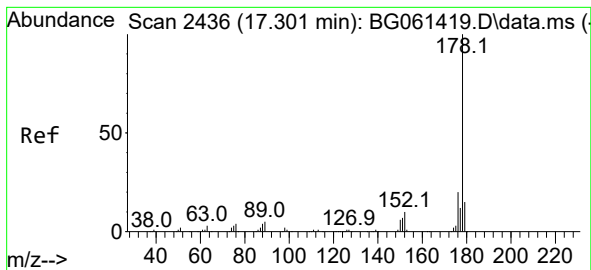
Instrument :
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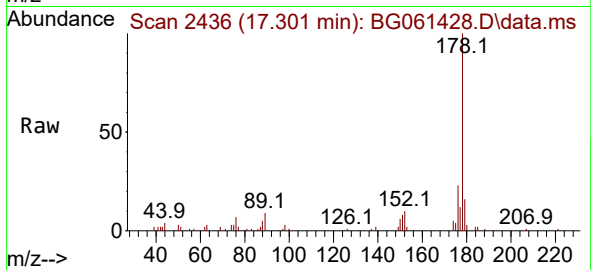
Quant Time: Jun 03 23:50:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.571 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061428.D
Acq: 3 Jun 2024 18:11

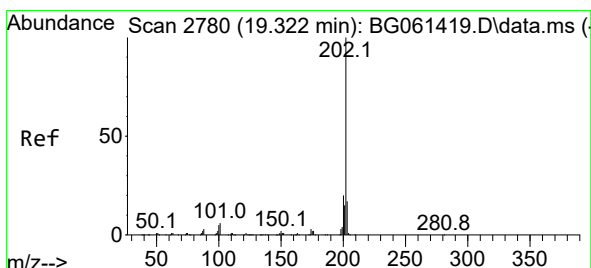
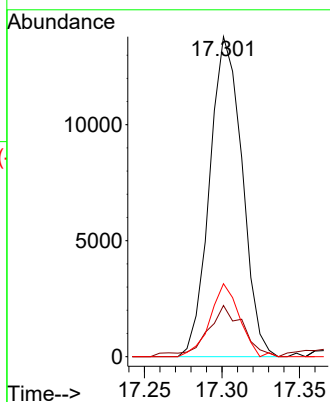
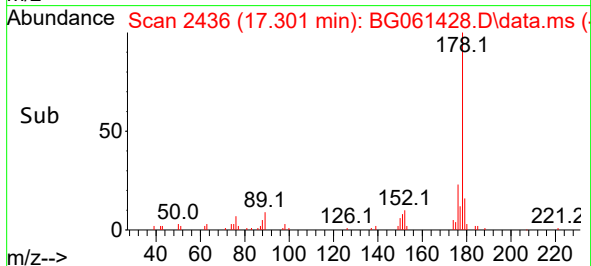
Instrument :
BNA_G
ClientSampleId :
BHBP2



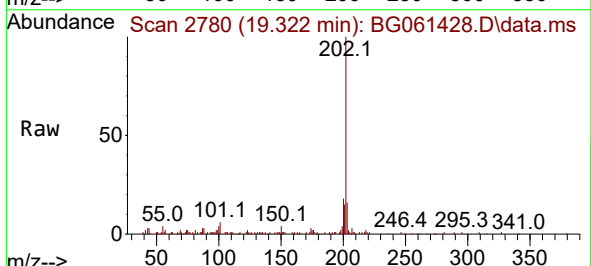
Tgt Ion:178 Resp: 2011
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 22.8 15.5 23.3

Manual Integrations
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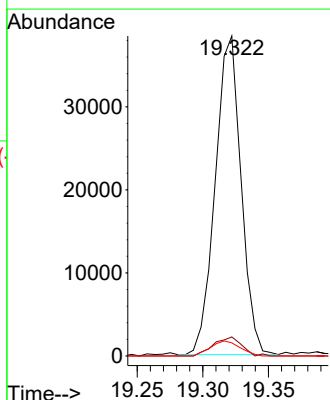
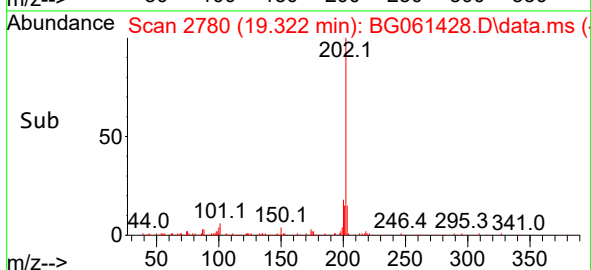
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

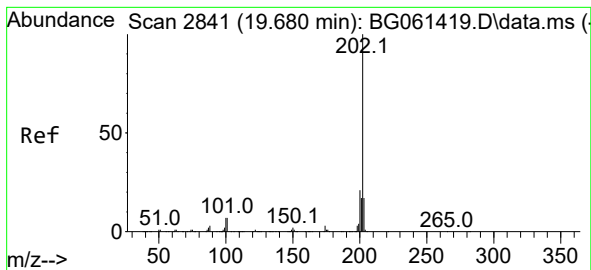


#80
Fluoranthene
Concen: 3.001 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. 0.007 min
Lab File: BG061428.D
Acq: 3 Jun 2024 18:11



Tgt Ion:202 Resp: 52496
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.1 4.1 6.1





#82

Pyrene

Concen: 2.833 ng/ul

RT: 19.681 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

Instrument :

BNA_G

ClientSampleId :

BHBP2

Tgt Ion:202 Resp: 5144

Ion Ratio Lower Upper

202 100

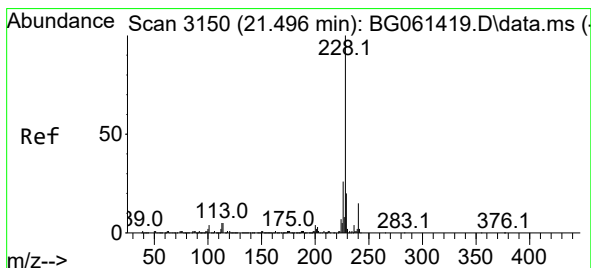
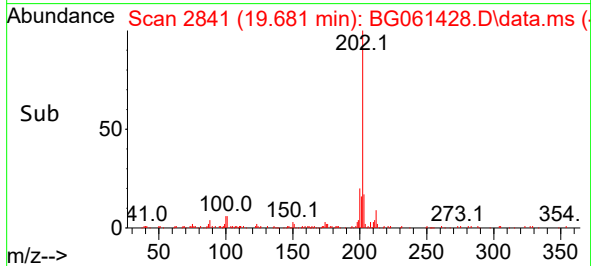
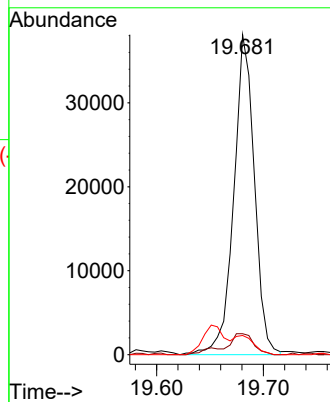
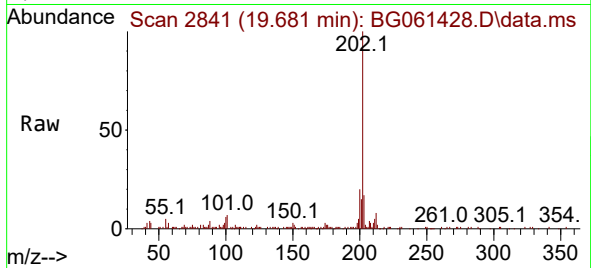
101 6.5 5.7 8.5

100 6.0 5.1 7.7

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#85

Benzo(a)anthracene

Concen: 1.665 ng/ul

RT: 21.496 min Scan# 3150

Delta R.T. 0.002 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

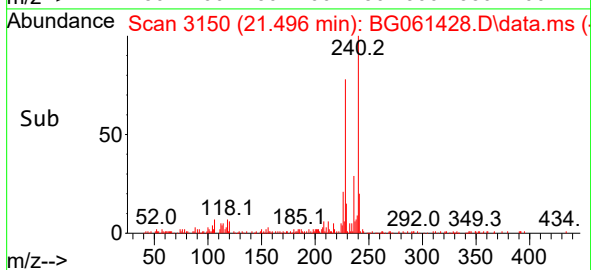
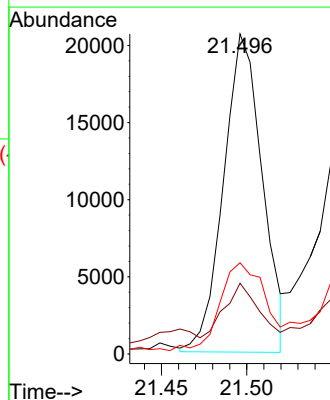
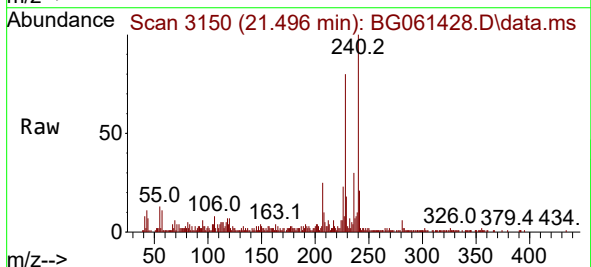
Tgt Ion:228 Resp: 32626

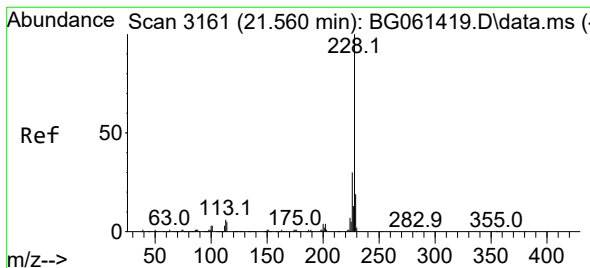
Ion Ratio Lower Upper

228 100

229 22.1 15.2 22.8

226 28.5 21.4 32.2





#87

Chrysene

Concen: 2.105 ng/ul m

RT: 21.561 min Scan# 3161

Delta R.T. 0.007 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

Instrument :

BNA_G

ClientSampleId :

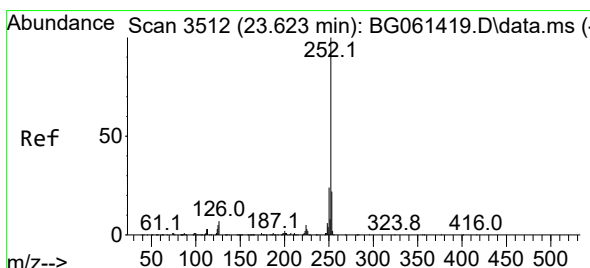
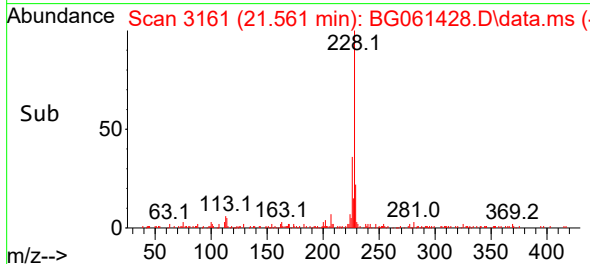
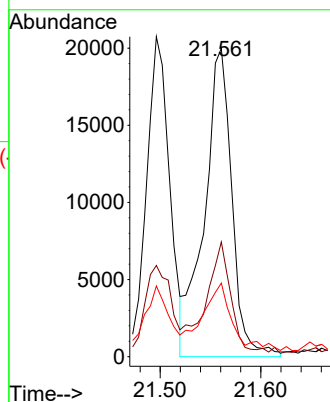
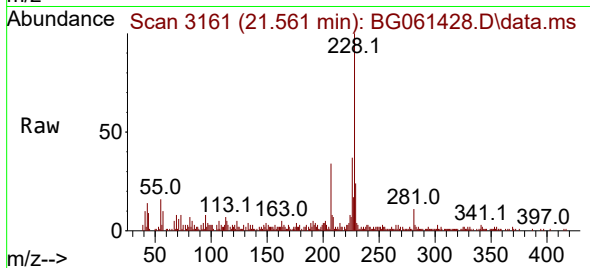
BHBP2

Tgt Ion:	228	Resp:	3798
Ion Ratio	Lower	Upper	
228	100		
226	37.2	23.4	35.0
229	23.9	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.721 ng/ul

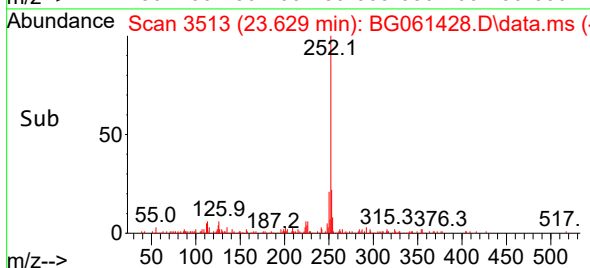
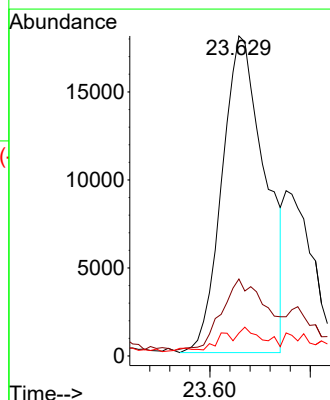
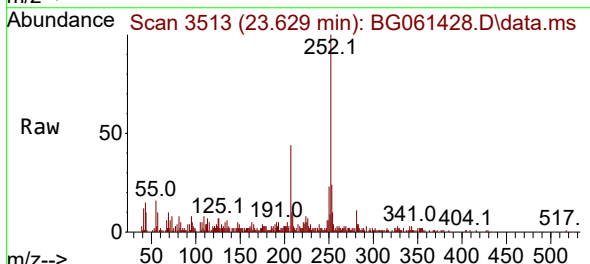
RT: 23.629 min Scan# 3513

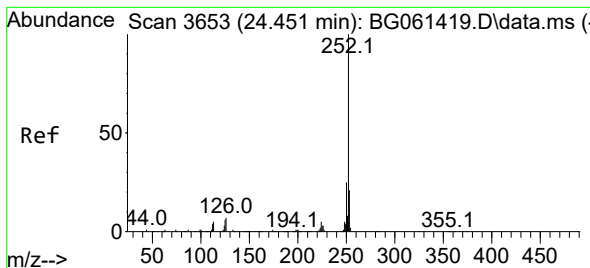
Delta R.T. 0.013 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

Tgt Ion:	252	Resp:	53484
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	7.2	4.6	6.8





#93

Benzo(a)pyrene

Concen: 1.879 ng/ul

RT: 24.457 min Scan# 30

Delta R.T. 0.007 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

Instrument :

BNA_G

ClientSampleId :

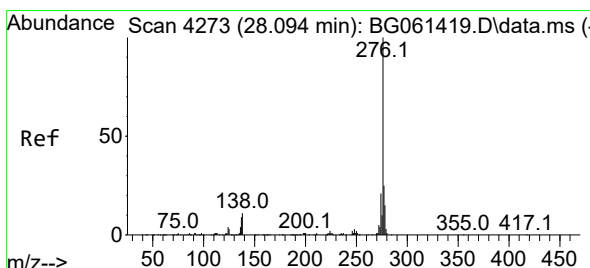
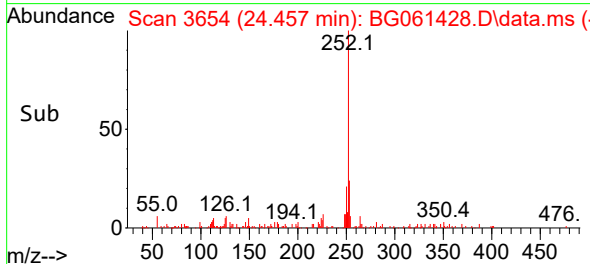
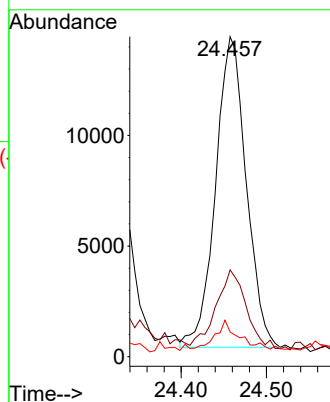
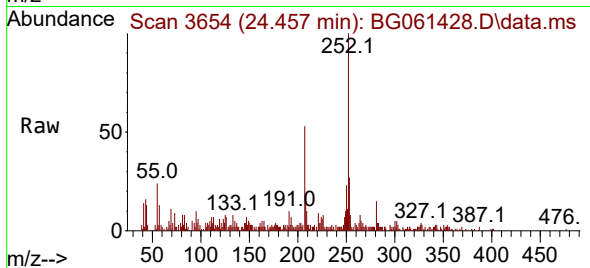
BHBP2

Tgt Ion:	252	Resp:	3506
Ion Ratio	Lower	Upper	
252	100		
253	27.1	16.4	24.6
125	7.7	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.409 ng/ul m

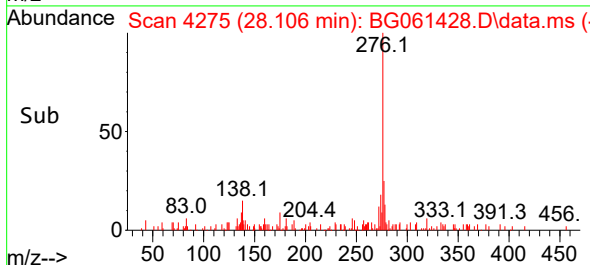
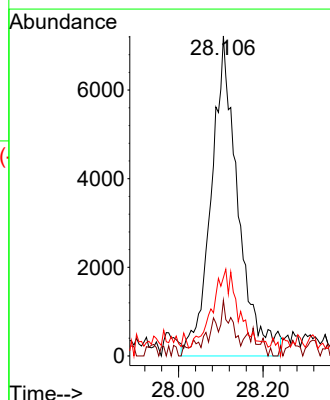
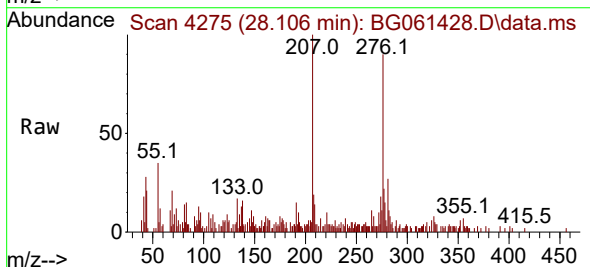
RT: 28.106 min Scan# 4275

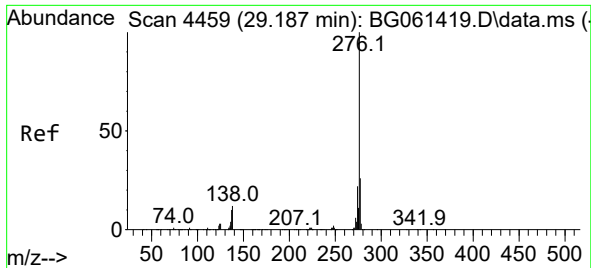
Delta R.T. 0.013 min

Lab File: BG061428.D

Acq: 3 Jun 2024 18:11

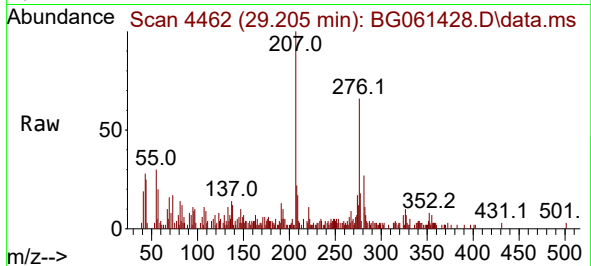
Tgt Ion:	276	Resp:	31792
Ion Ratio	Lower	Upper	
276	100		
138	17.4	8.6	13.0
277	24.5	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 1.537 ng/ul m
RT: 29.205 min Scan# 44
Delta R.T. 0.031 min
Lab File: BG061428.D
Acq: 3 Jun 2024 18:11

Instrument :
BNA_G
ClientSampleId :
BHBP2



Tgt Ion:276 Resp: 2760
Ion Ratio Lower Upper
276 100
138 18.3 8.7 13.1
277 27.6 18.2 27.2

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