

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061439.D
 Acq On : 4 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2577-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH639

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 03:00:07 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	7.878	152	41936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	164137	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	120214	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	275957	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240	295852	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	343357	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	3004	4.009	ng/uL	0.00
4) Pyridine-d5	3.748	84	42446	15.922	ng/ul	0.00
7) Phenol-d5	7.062	99	77409	22.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	49233	22.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	64344	25.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	65103	22.170	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	33952	26.866	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	40416	27.326	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	79513	27.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	72131	19.122	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	254637	27.311	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	276737	28.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	26546	23.030	ng/ul	0.02
60) Fluorene-d10	15.505	176	220992	27.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	32821	19.665	ng/ul	0.02
73) Anthracene-d10	17.361	188	358997	29.508	ng/ul	0.00
81) Pyrene-d10	19.659	212	434217	28.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.400	264	485084	29.386	ng/ul	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.303	178	62405m	4.659	ng/ul	
80) Fluoranthene	19.324	202	196017	10.756	ng/ul	98
82) Pyrene	19.682	202	184393	9.748	ng/ul	100
83) Butylbenzylphthalate	20.569	149	14212	2.187	ng/ul	96
85) Benzo(a)anthracene	21.498	228	117138	5.738	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	37819	3.932	ng/ul#	95
87) Chrysene	21.562	228	116061	6.174	ng/ul	98
90) Benzo(b)fluoranthene	23.631	252	158215	7.739	ng/ul#	97
91) Benzo(k)fluoranthene	23.689	252	58927m	2.839	ng/ul	
93) Benzo(a)pyrene	24.465	252	109018	5.616	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.119	276	75205m	3.204	ng/ul	
95) Dibenzo(a,h)anthracene	28.161	278	19809m	1.023	ng/ul	
96) Benzo(g,h,i)perylene	29.206	276	68669m	3.677	ng/ul	

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

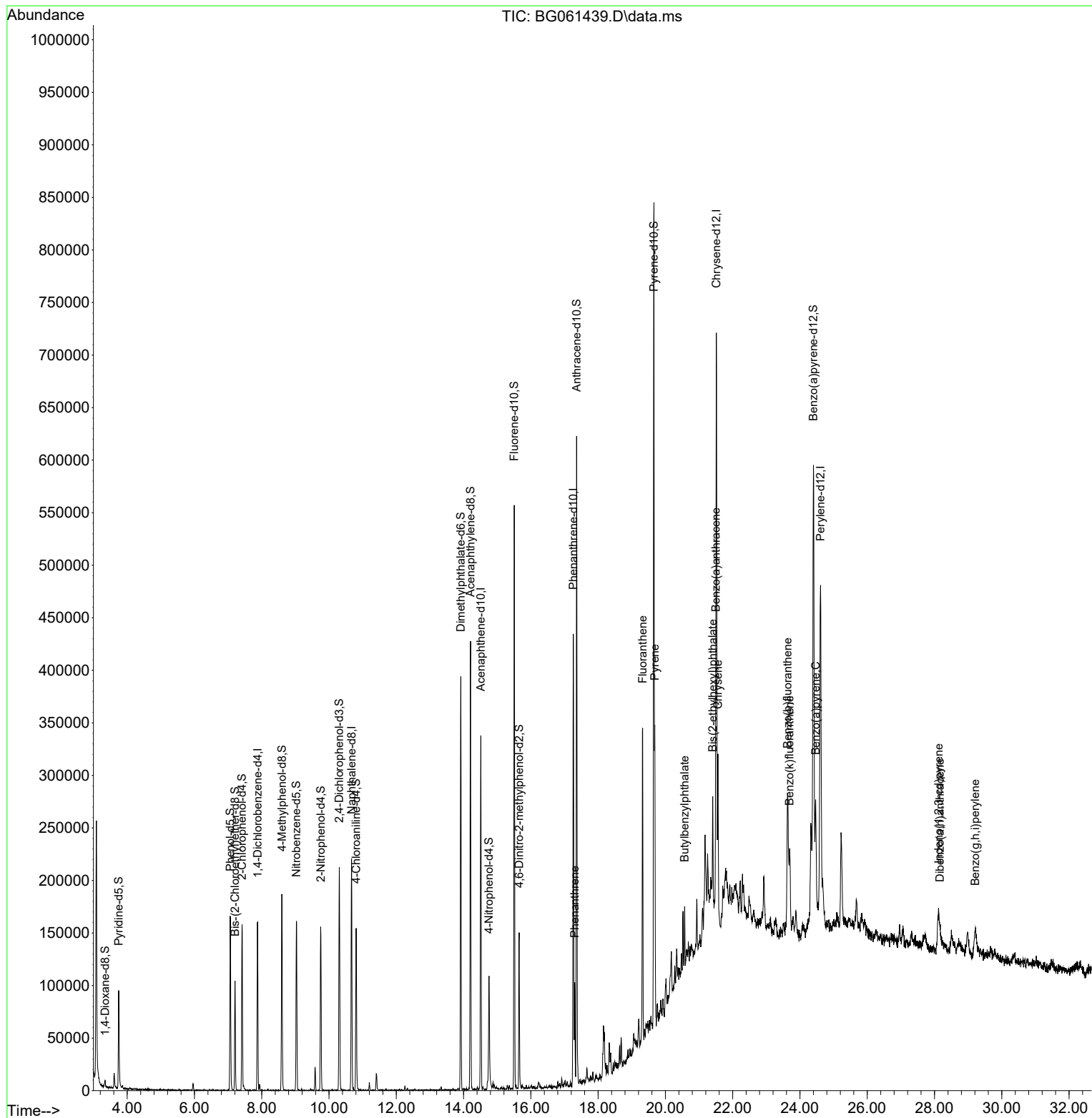
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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 Sample : P2577-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

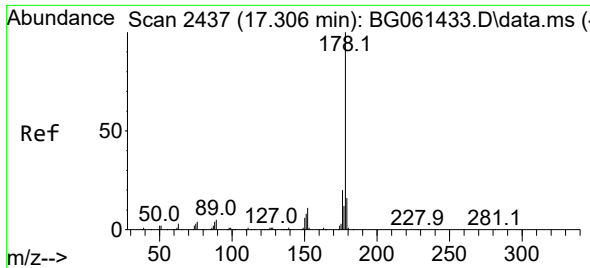
Instrument :
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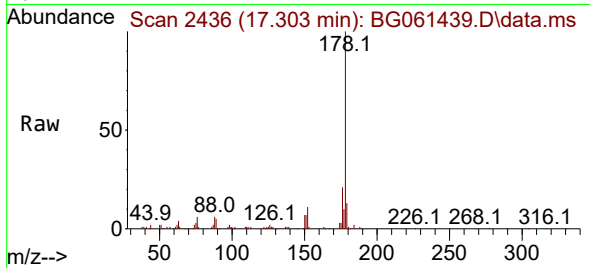
Quant Time: Jun 04 03:00:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 4.659 ng/ul m
RT: 17.303 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG061439.D
Acq: 4 Jun 2024 2:24

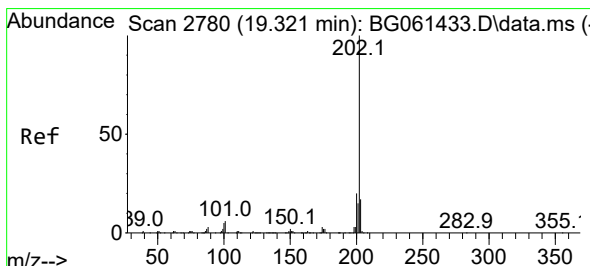
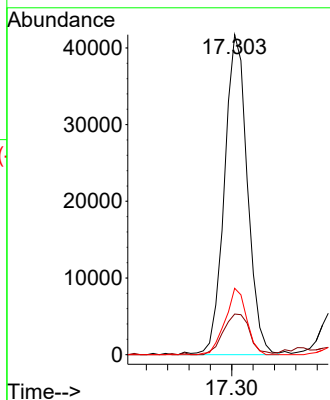
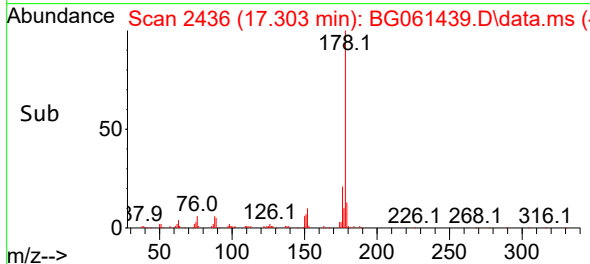
Instrument :
BNA_G
ClientSampleId :
BH639



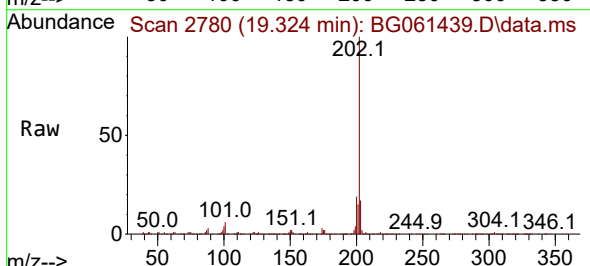
Tgt Ion:178 Resp: 62405
Ion Ratio Lower Upper
178 100
179 12.7 12.7 19.1
176 20.7 15.5 23.3

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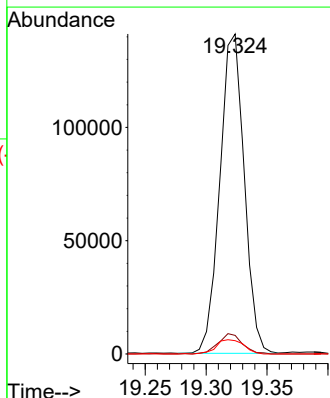
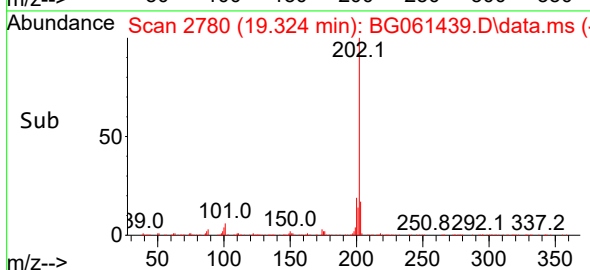
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

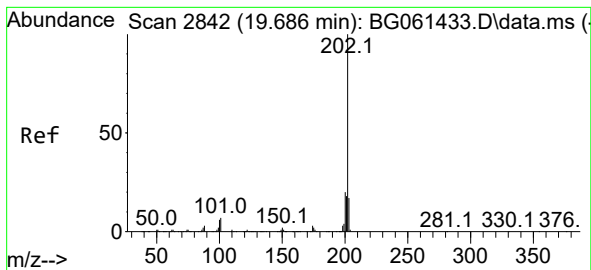


#80
Fluoranthene
Concen: 10.756 ng/ul
RT: 19.324 min Scan# 2780
Delta R.T. 0.009 min
Lab File: BG061439.D
Acq: 4 Jun 2024 2:24



Tgt Ion:202 Resp: 196017
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 4.2 4.1 6.1





#82

Pyrene

Concen: 9.748 ng/ul

RT: 19.682 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Instrument :

BNA_G

ClientSampleId :

BH639

Tgt Ion:202 Resp: 18439

Ion Ratio Lower Upper

202 100

101 7.3 5.7 8.5

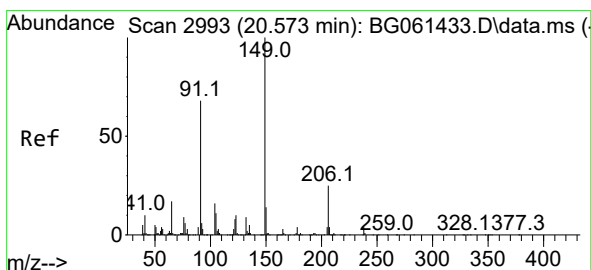
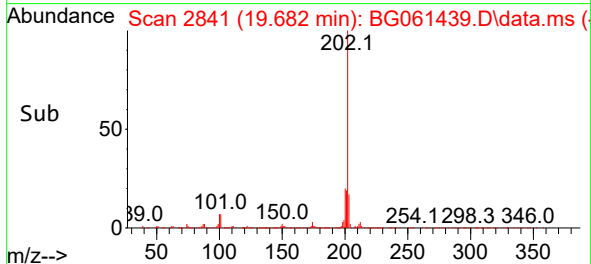
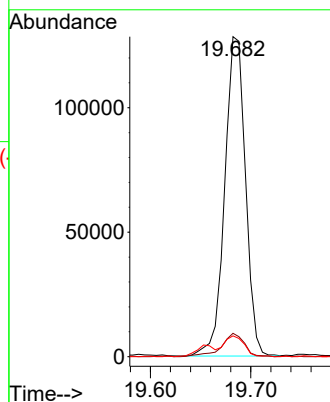
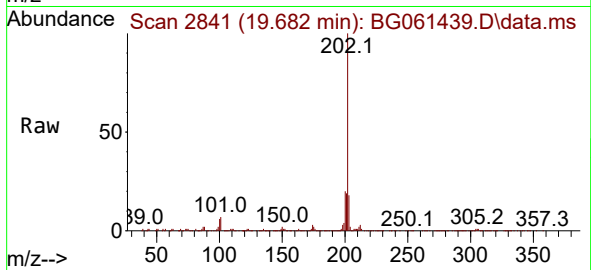
100 6.5 5.1 7.7

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#83

Butylbenzylphthalate

Concen: 2.187 ng/ul

RT: 20.569 min Scan# 2992

Delta R.T. -0.003 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

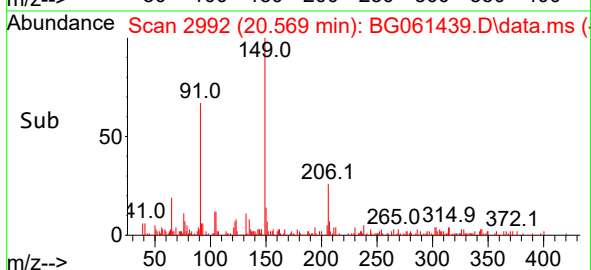
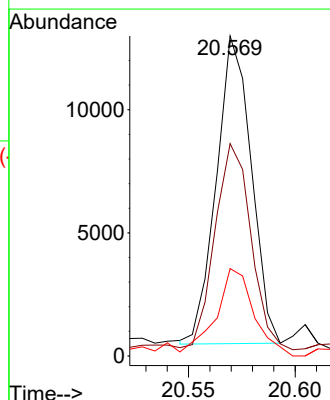
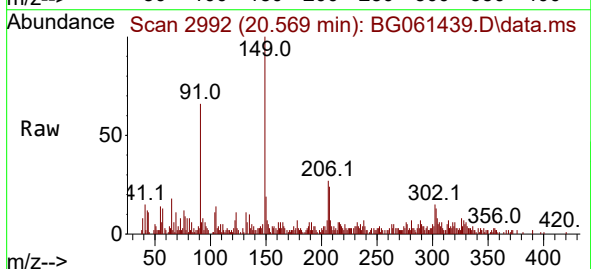
Tgt Ion:149 Resp: 14212

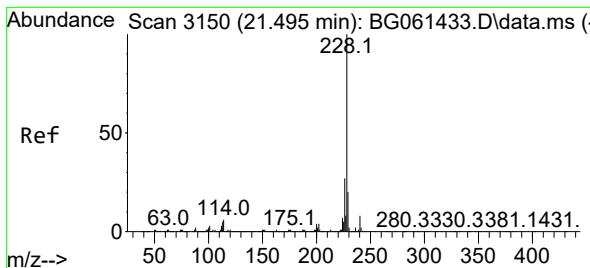
Ion Ratio Lower Upper

149 100

91 66.4 54.8 82.2

206 27.3 19.4 29.0





#85

Benzo(a)anthracene

Concen: 5.738 ng/ul

RT: 21.498 min Scan# 3150

Delta R.T. 0.003 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Instrument :

BNA_G

ClientSampleId :

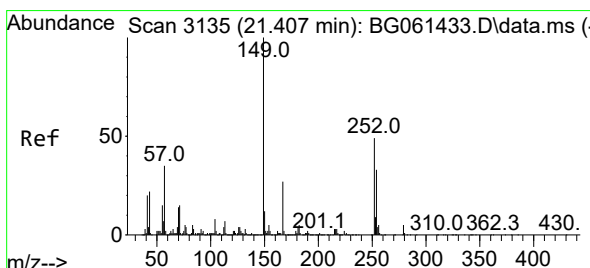
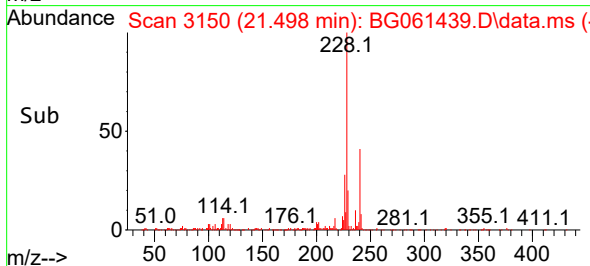
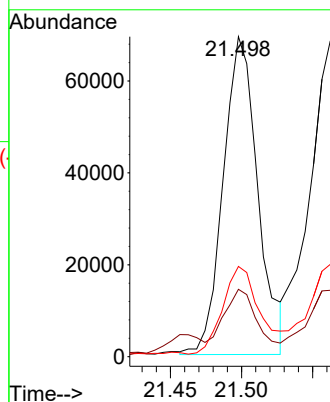
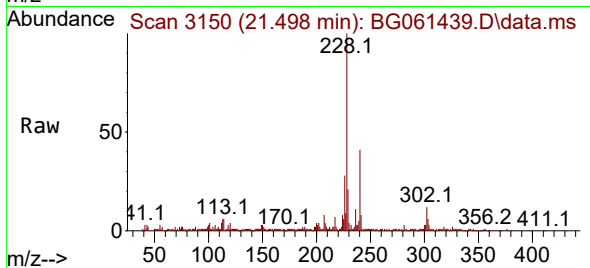
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Tgt Ion:	228	Resp:	117138
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.2	22.8
226	28.2	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.932 ng/ul

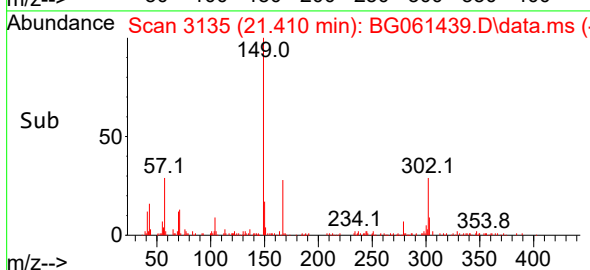
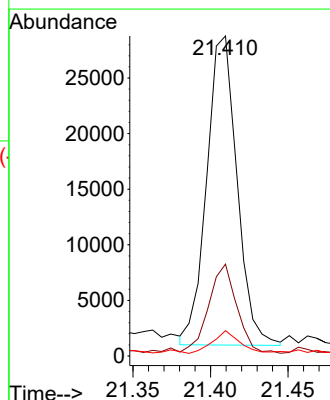
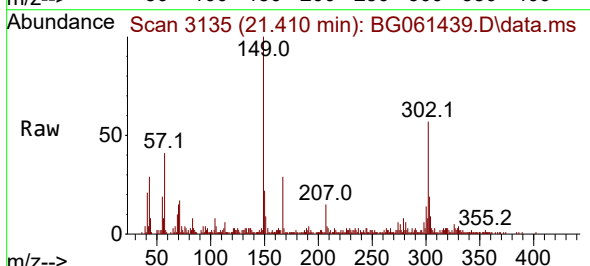
RT: 21.410 min Scan# 3135

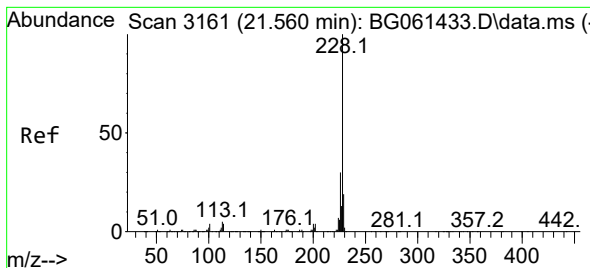
Delta R.T. 0.003 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Tgt Ion:	149	Resp:	37819
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.1	31.7
279	7.9	3.3	4.9





#87

Chrysene

Concen: 6.174 ng/ul

RT: 21.562 min Scan# 3161

Delta R.T. 0.009 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Instrument :

BNA_G

ClientSampleId :

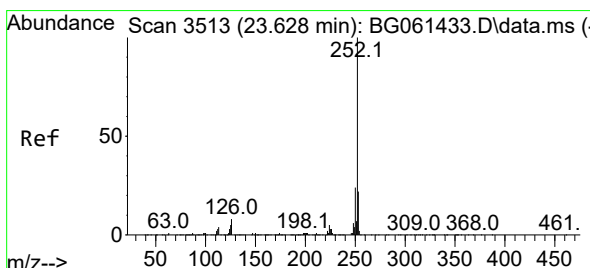
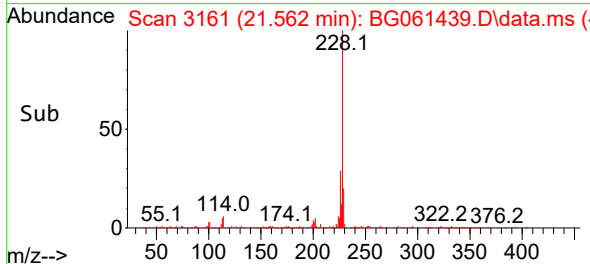
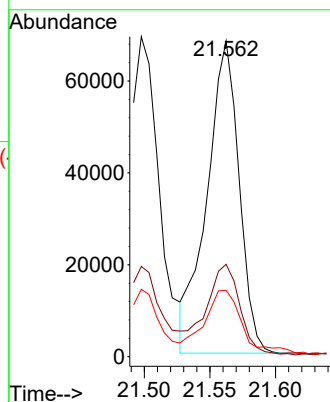
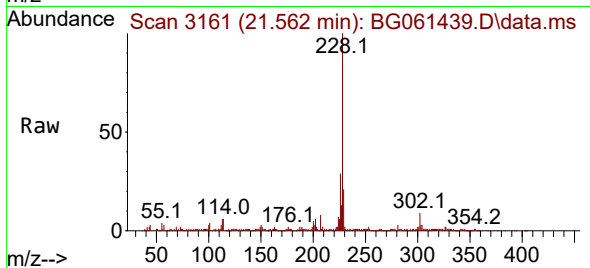
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Tgt Ion:228	Resp: 11606
Ion Ratio	Lower Upper
228 100	
226 29.2	23.4 35.0
229 21.0	15.4 23.2

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#90

Benzo(b)fluoranthene

Concen: 7.739 ng/ul

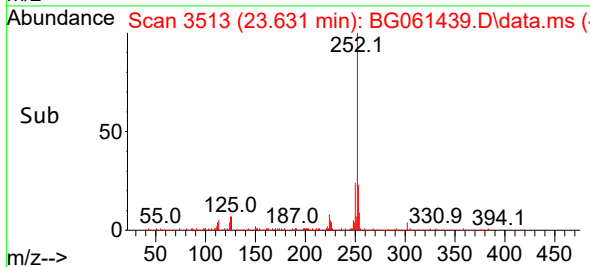
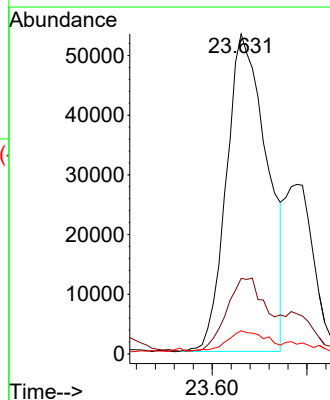
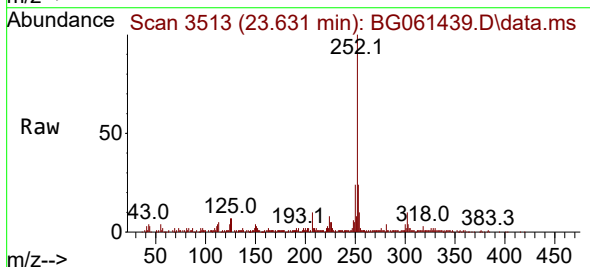
RT: 23.631 min Scan# 3513

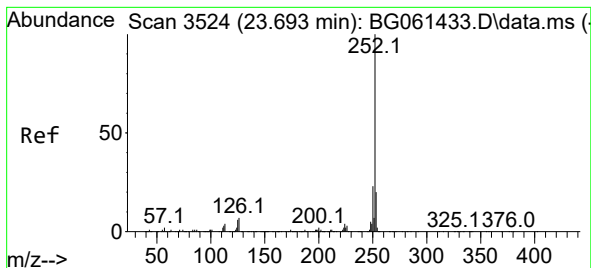
Delta R.T. 0.015 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Tgt Ion:252	Resp: 158215
Ion Ratio	Lower Upper
252 100	
253 23.6	17.8 26.8
125 7.3	4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 2.839 ng/ul m

RT: 23.689 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Instrument :

BNA_G

ClientSampleId :

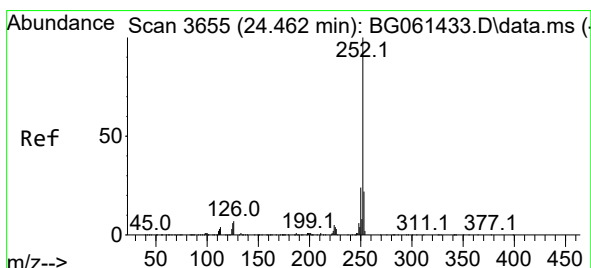
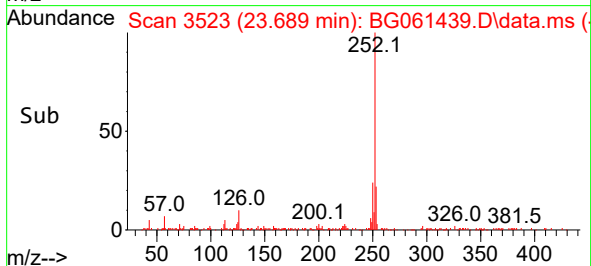
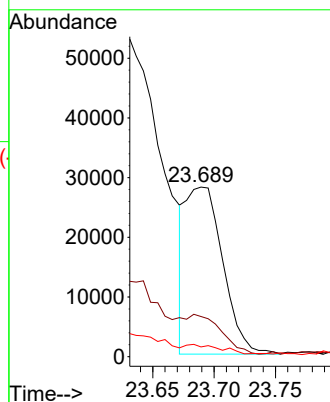
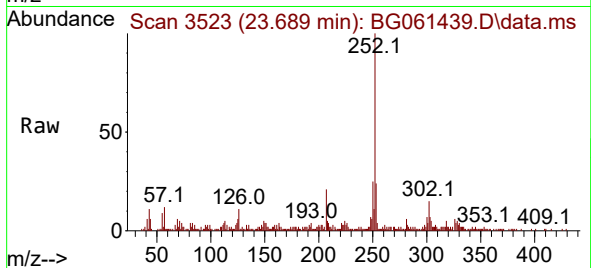
BH639

Tgt Ion:	252	Resp:	5892
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.0	24.0
125	5.8	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 5.616 ng/ul

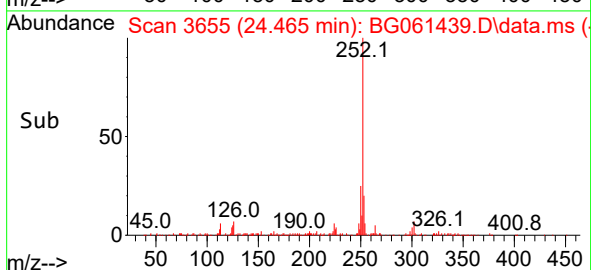
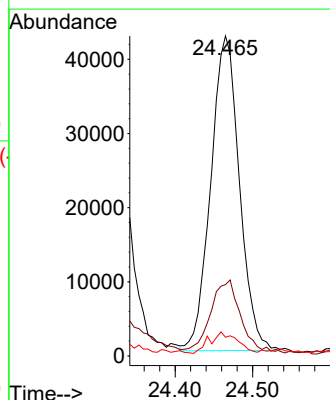
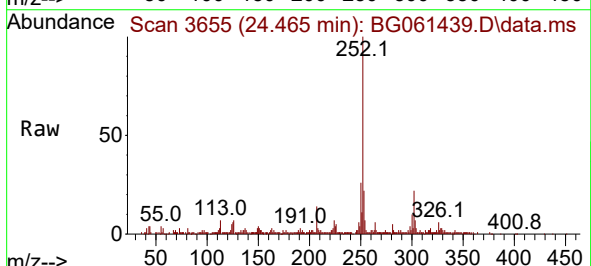
RT: 24.465 min Scan# 3655

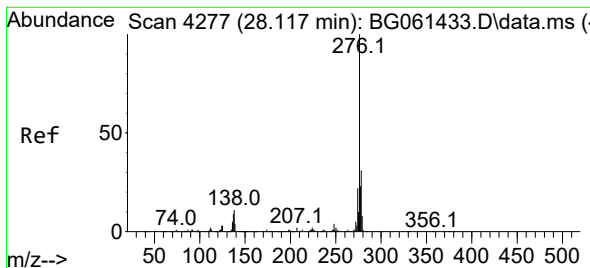
Delta R.T. 0.015 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Tgt Ion:	252	Resp:	109018
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.4	24.6
125	5.8	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.204 ng/ul m

RT: 28.119 min Scan# 4277

Delta R.T. 0.027 min

Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Instrument :

BNA_G

ClientSampleId :

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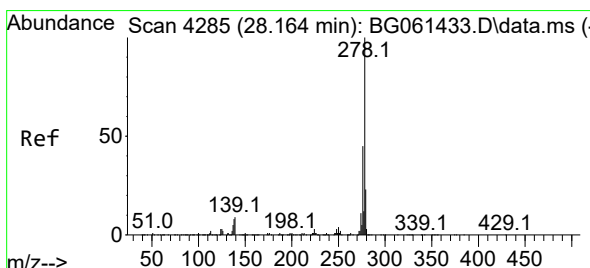
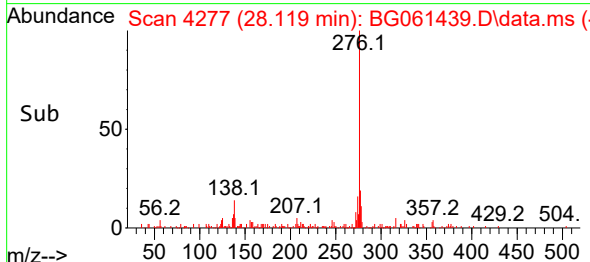
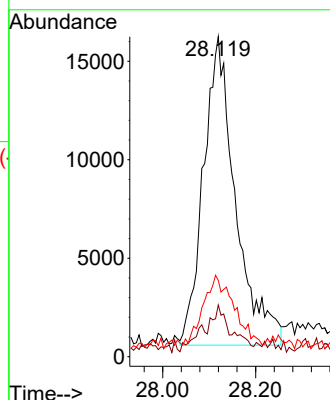
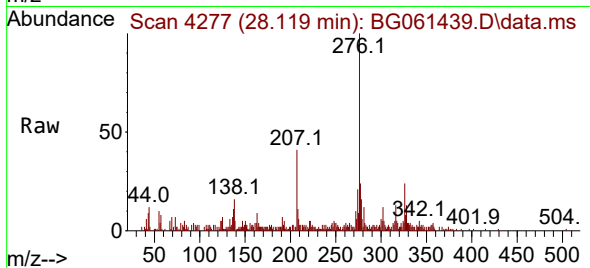
Tgt Ion:276 Resp: 7520

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.6	13.0
277	23.9	19.7	29.5

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#95

Dibenzo(a,h)anthracene

Concen: 1.023 ng/ul m

RT: 28.161 min Scan# 4284

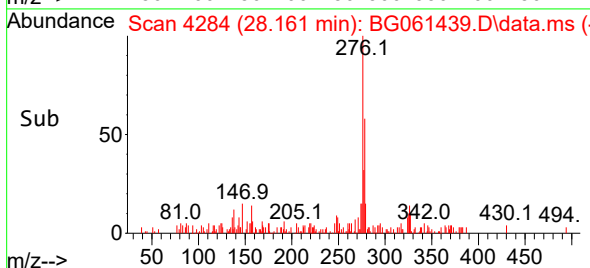
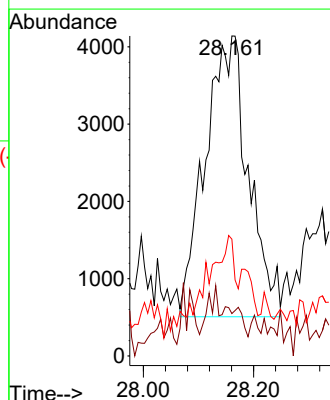
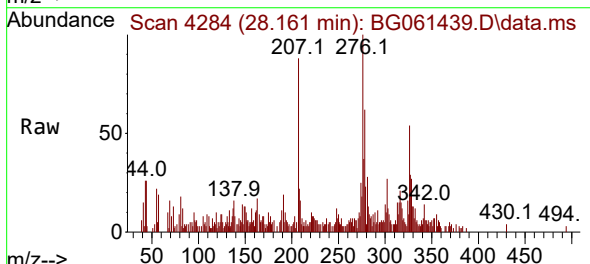
Delta R.T. 0.021 min

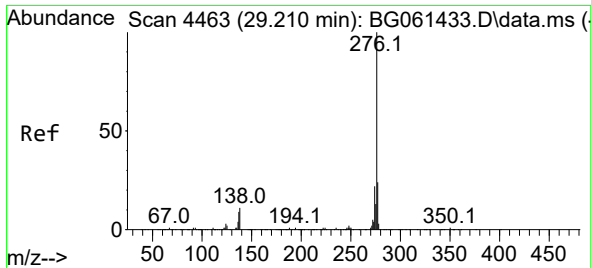
Lab File: BG061439.D

Acq: 4 Jun 2024 2:24

Tgt Ion:278 Resp: 19809

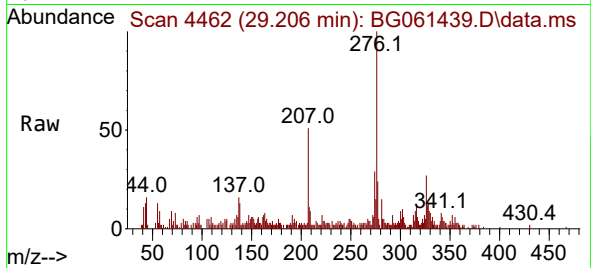
Ion	Ratio	Lower	Upper
278	100		
139	13.3	6.4	9.6
279	36.5	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 3.677 ng/ul m
RT: 29.206 min Scan# 44
Delta R.T. 0.033 min
Lab File: BG061439.D
Acq: 4 Jun 2024 2:24

Instrument :
BNA_G
ClientSampleId :
BH639



Tgt Ion:276 Resp: 68669
Ion Ratio Lower Upper
276 100
138 12.9 8.7 13.1
277 24.0 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
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