

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061494.D
 Acq On : 5 Jun 2024 20:00
 Operator : MA/JU
 Sample : P2623-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS0

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 23:07:24 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	7.875	152	26763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	107378	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	80250	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	185302	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	211442	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	235237	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1961	4.101	ng/uL	0.00
4) Pyridine-d5	3.739	84	27675	16.267	ng/u1	0.00
7) Phenol-d5	7.065	99	51859	23.596	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	30371	21.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	42125	25.898	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	38412	20.497	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	19966	24.150	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	22443	23.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44910	23.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	49272	19.966	ng/u1	0.00
46) Dimethylphthalate-d6	13.915	166	146778	23.582	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	161254	24.921	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	13704	17.809	ng/u1	0.02
60) Fluorene-d10	15.508	176	127584	23.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	16120	14.383	ng/u1	0.02
73) Anthracene-d10	17.364	188	206202	25.241	ng/u1	0.00
81) Pyrene-d10	19.656	212	261262	24.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.403	264	291946	25.815	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	75676	8.414	ng/u1	100
74) Anthracene	17.394	178	15521m	1.669	ng/u1	
80) Fluoranthene	19.321	202	157728	12.111	ng/u1	99
82) Pyrene	19.685	202	126172	9.333	ng/u1	99
85) Benzo(a)anthracene	21.501	228	87457	5.994	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	10869	1.581	ng/u1#	99
87) Chrysene	21.559	228	80559	5.997	ng/u1	94
90) Benzo(b)fluoranthene	23.633	252	102685	7.332	ng/u1	100
91) Benzo(k)fluoranthene	23.692	252	37137	2.612	ng/u1	95
93) Benzo(a)pyrene	24.468	252	66493	5.000	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.128	276	44238m	2.751	ng/u1	
95) Dibenzo(a,h)anthracene	28.152	278	14806m	1.116	ng/u1	
96) Benzo(g,h,i)perylene	29.215	276	37908m	2.963	ng/u1	

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

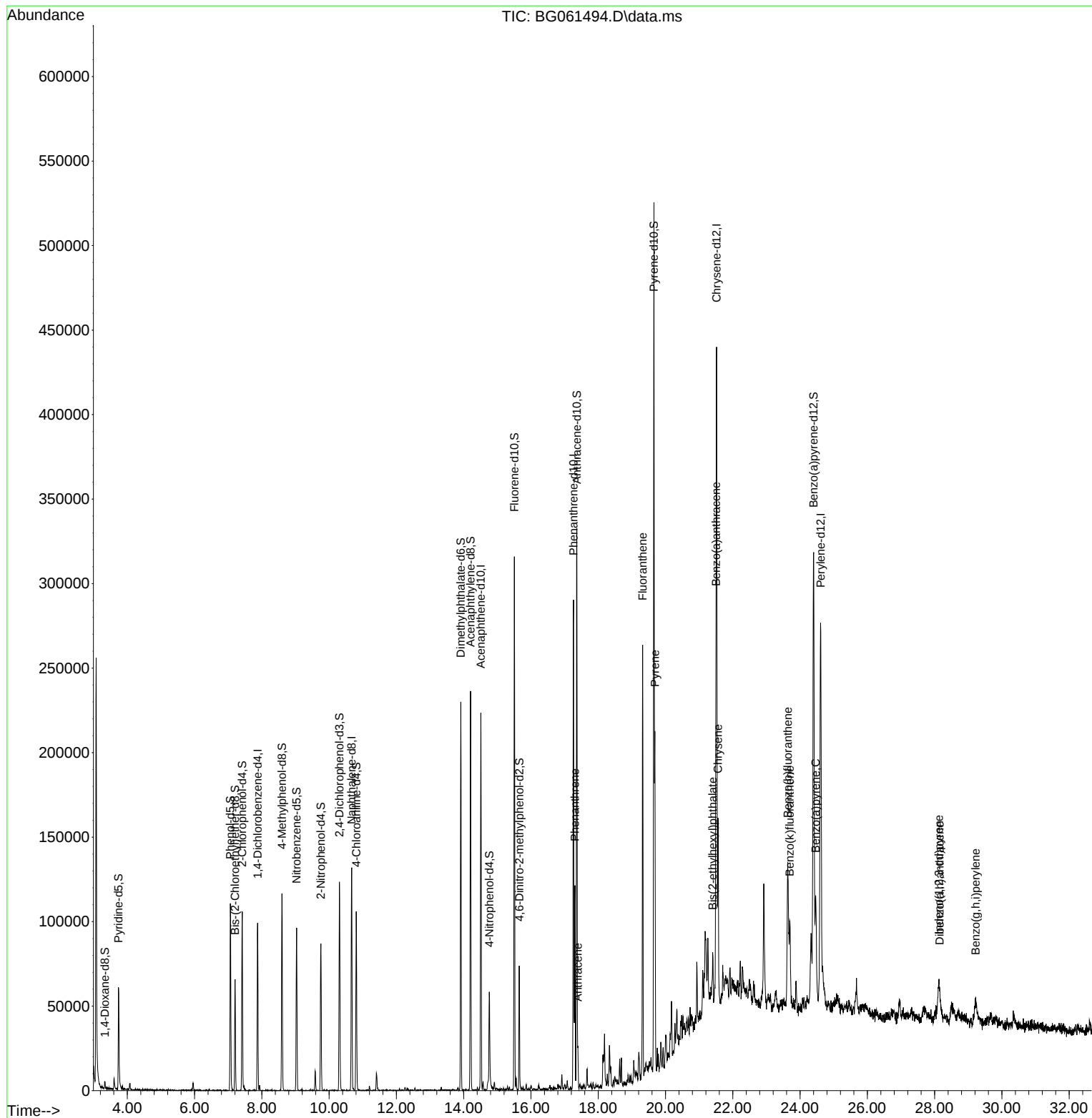
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061494.D
 Acq On : 5 Jun 2024 20:00
 Operator : MA/JU
 Sample : P2623-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

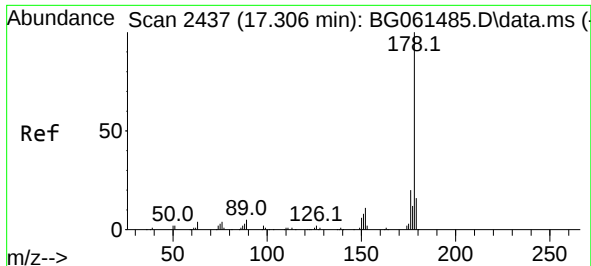
Instrument :
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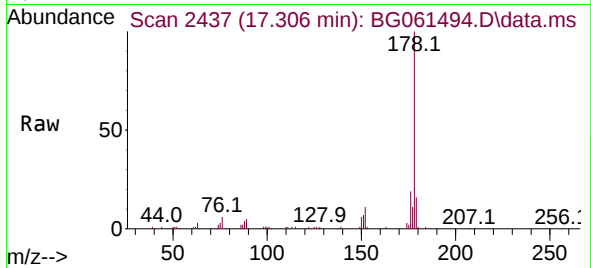
Quant Time: Jun 05 23:07:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 8.414 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00

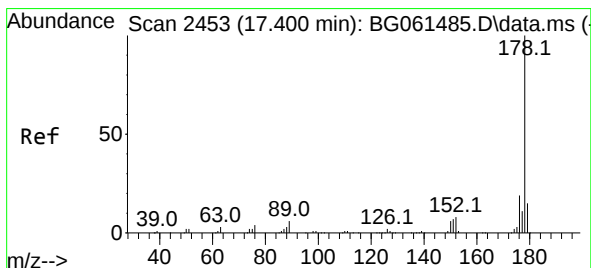
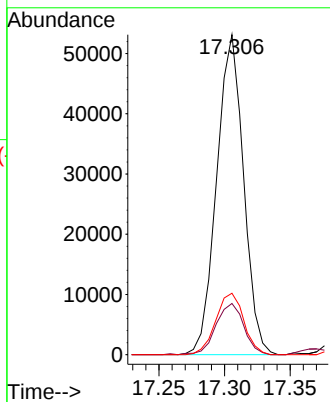
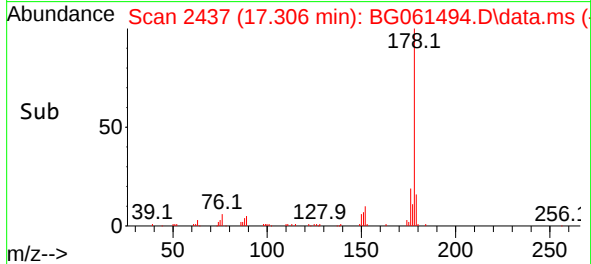
Instrument :
BNA_G
ClientSampleId :
BHBS0



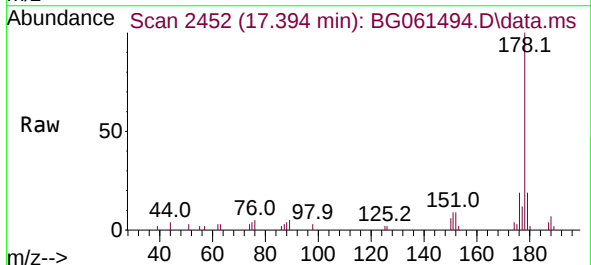
Tgt Ion:178 Resp: 75670
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.2 15.5 23.3

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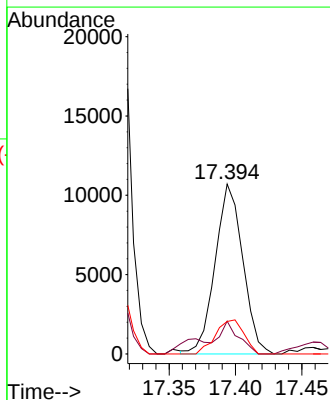
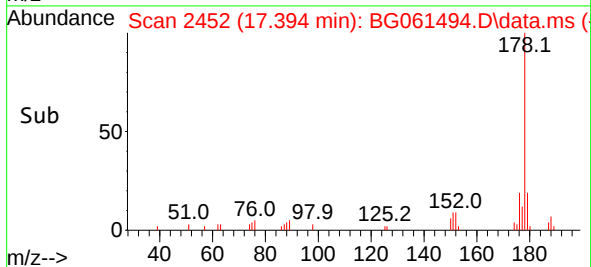
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

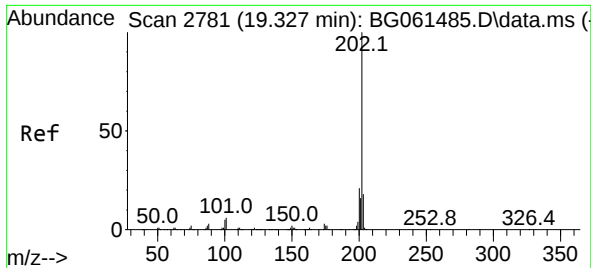


#74
Anthracene
Concen: 1.669 ng/ul m
RT: 17.394 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00



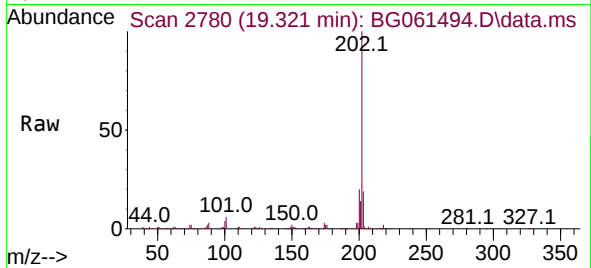
Tgt Ion:178 Resp: 15521
Ion Ratio Lower Upper
178 100
179 19.3 11.8 17.6#
176 19.1 14.9 22.3





#80
Fluoranthene
Concen: 12.111 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00

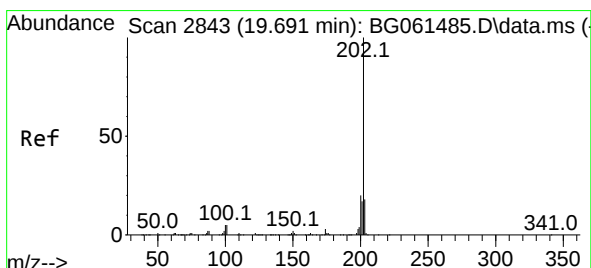
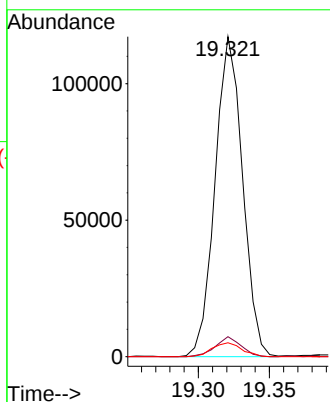
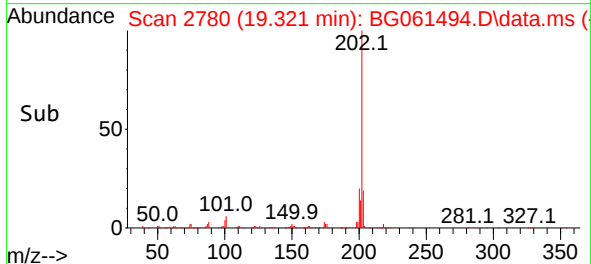
Instrument :
BNA_G
ClientSampleId :
BHBS0



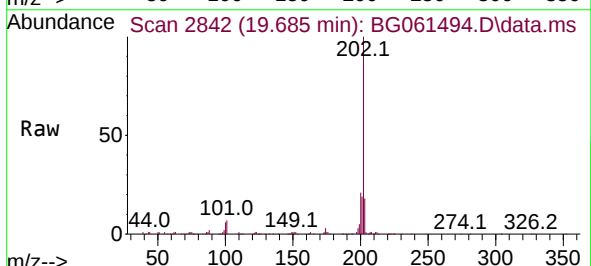
Tgt Ion:202 Resp: 157728
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 4.3 4.1 6.1

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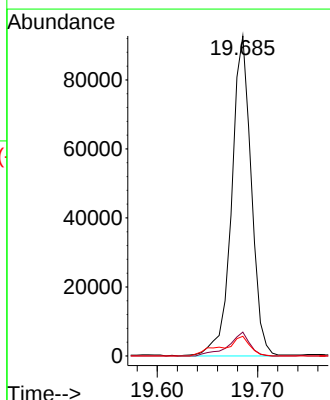
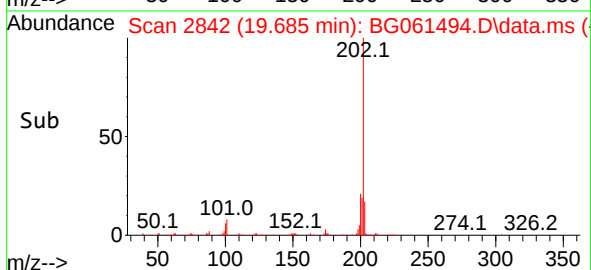
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

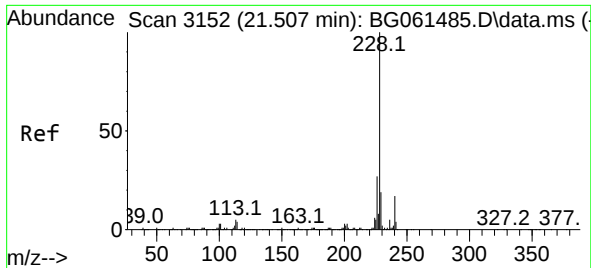


#82
Pyrene
Concen: 9.333 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00



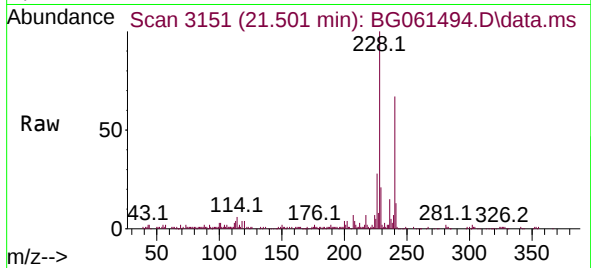
Tgt Ion:202 Resp: 126172
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.1 5.1 7.7





#85
Benzo(a)anthracene
Concen: 5.994 ng/ul
RT: 21.501 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00

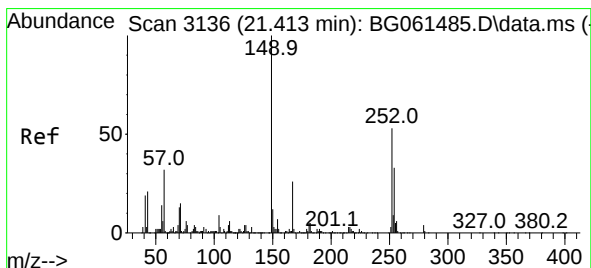
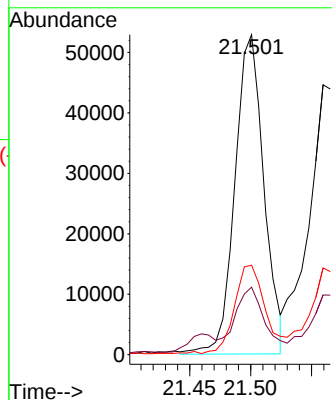
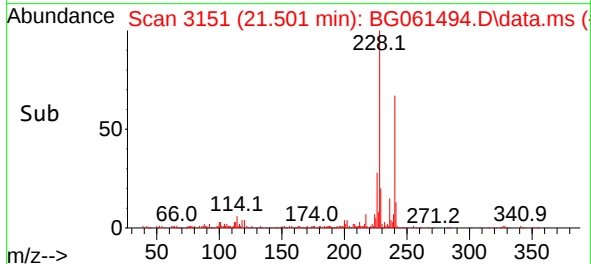
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 8745
Ion Ratio Lower Upper
228 100
229 21.1 15.2 22.8
226 28.0 21.4 32.2

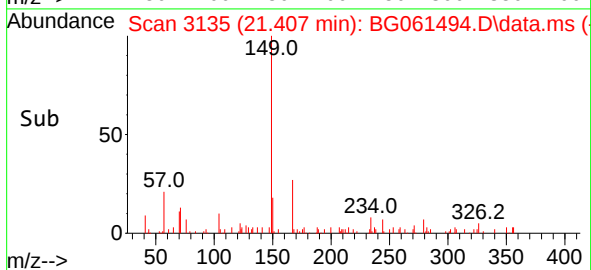
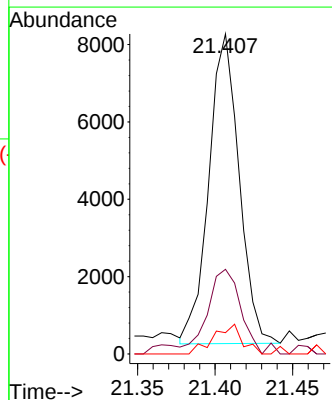
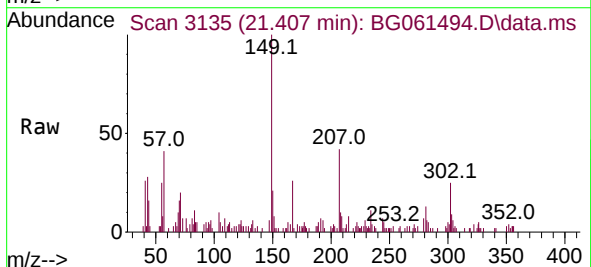
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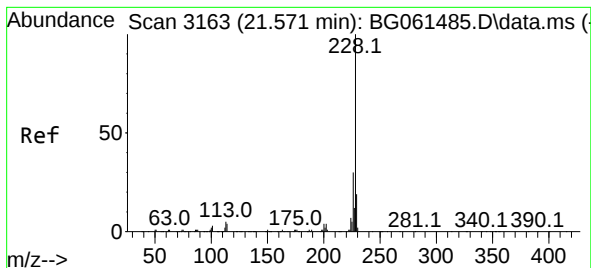
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.581 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00

Tgt Ion:149 Resp: 10869
Ion Ratio Lower Upper
149 100
167 26.5 21.1 31.7
279 6.6 3.3 4.9#





#87

Chrysene

Concen: 5.997 ng/u1

RT: 21.559 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BG061494.D

Acq: 5 Jun 2024 20:00

Instrument :

BNA_G

ClientSampleId :

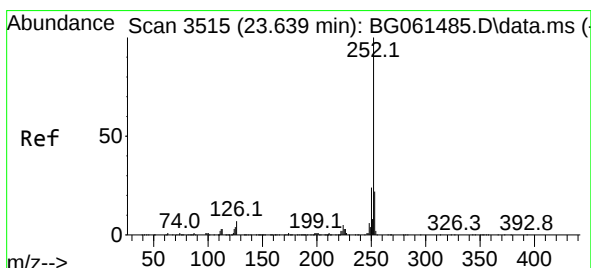
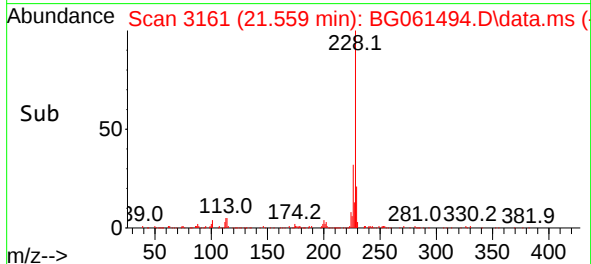
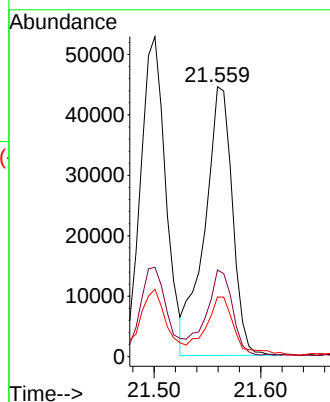
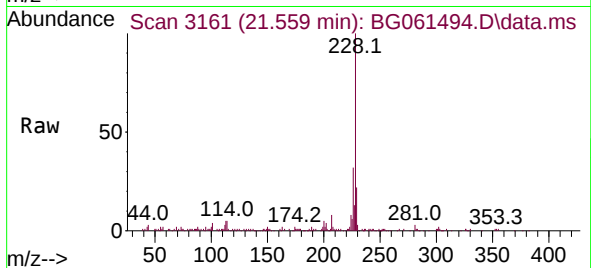
BHBS0

Tgt Ion:	228	Resp:	80559
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	22.1	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 7.332 ng/u1

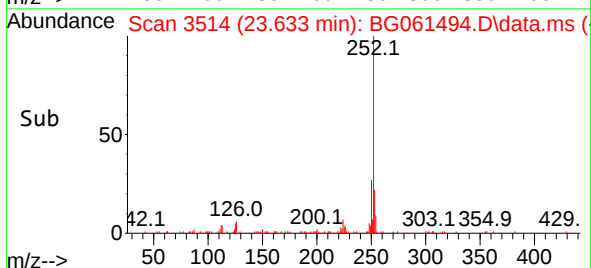
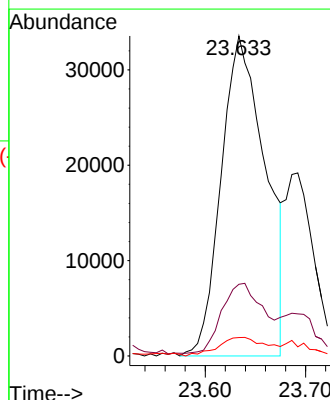
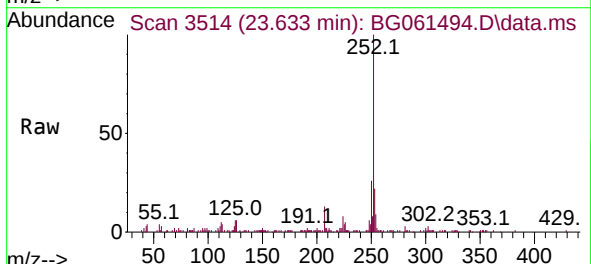
RT: 23.633 min Scan# 3514

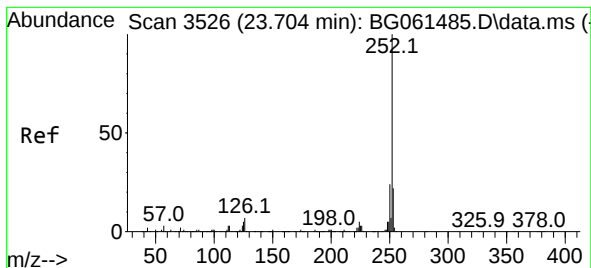
Delta R.T. 0.018 min

Lab File: BG061494.D

Acq: 5 Jun 2024 20:00

Tgt Ion:	252	Resp:	102685
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	5.8	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 2.612 ng/u1

RT: 23.692 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BG061494.D

Acq: 5 Jun 2024 20:00

Instrument :

BNA_G

ClientSampleId :

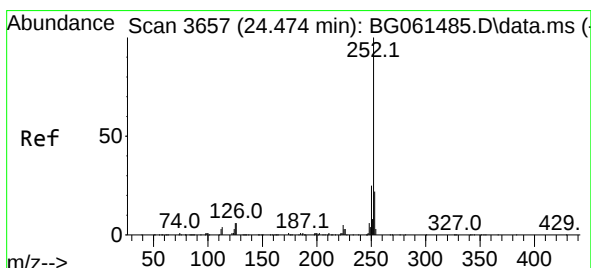
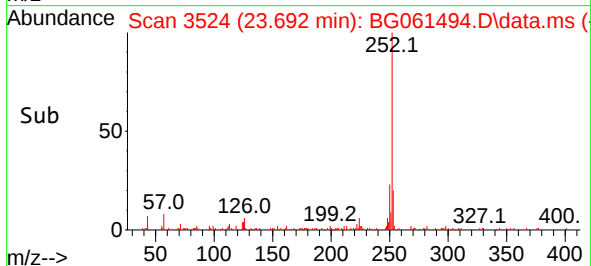
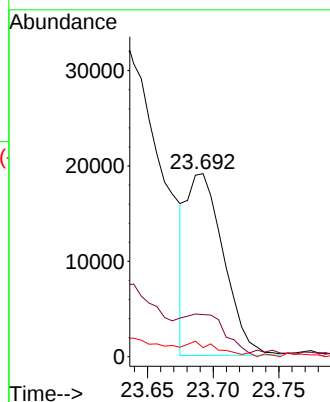
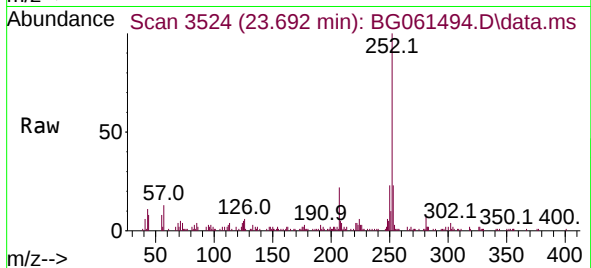
BHBS0

Tgt Ion:252 Resp: 3713
Ion Ratio Lower Upper
252 100
253 23.0 16.0 24.0
125 5.0 4.3 6.5

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#93

Benzo(a)pyrene

Concen: 5.000 ng/u1

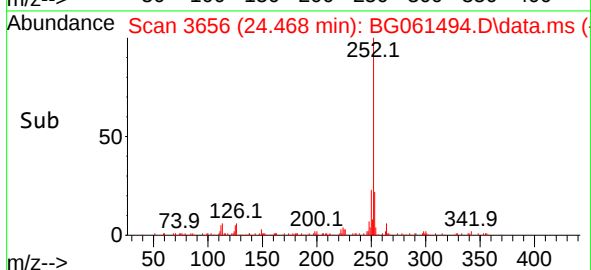
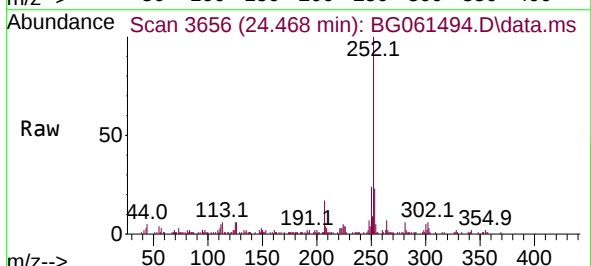
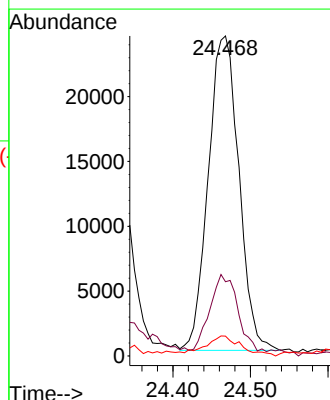
RT: 24.468 min Scan# 3656

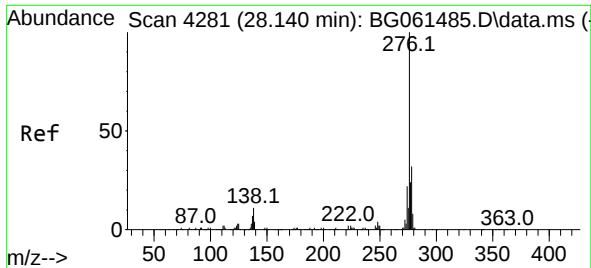
Delta R.T. 0.018 min

Lab File: BG061494.D

Acq: 5 Jun 2024 20:00

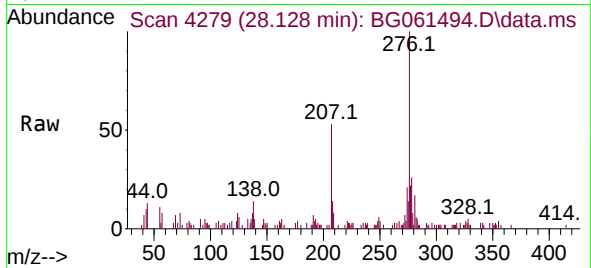
Tgt Ion:252 Resp: 66493
Ion Ratio Lower Upper
252 100
253 23.2 16.4 24.6
125 6.2 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.751 ng/ul m
RT: 28.128 min Scan# 4279
Delta R.T. 0.036 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00

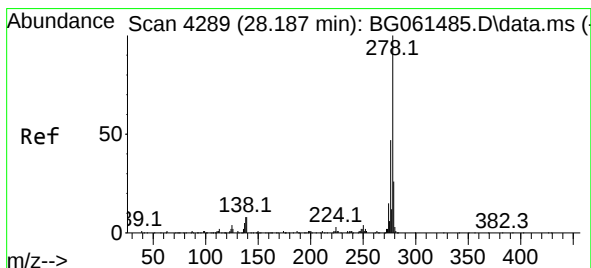
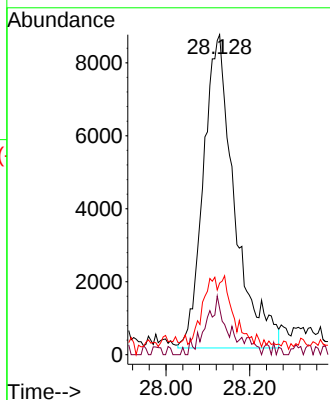
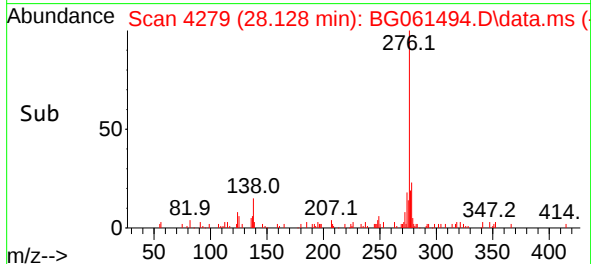
Instrument :
BNA_G
ClientSampleId :
BHBS0



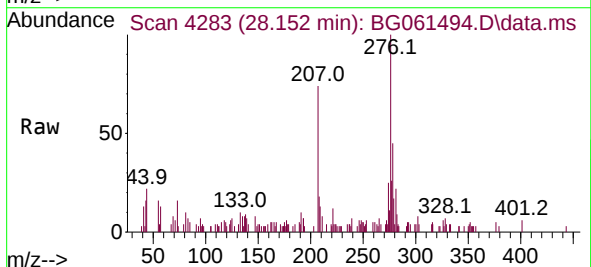
Tgt Ion:276 Resp: 44238
Ion Ratio Lower Upper
276 100
138 14.4 8.6 13.0#
277 22.4 19.7 29.5#

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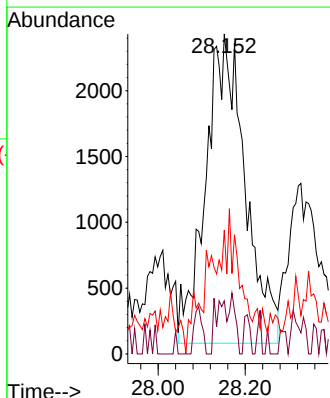
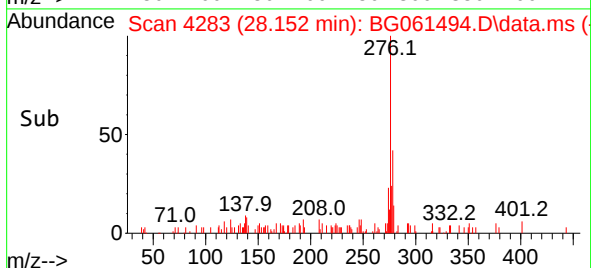
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

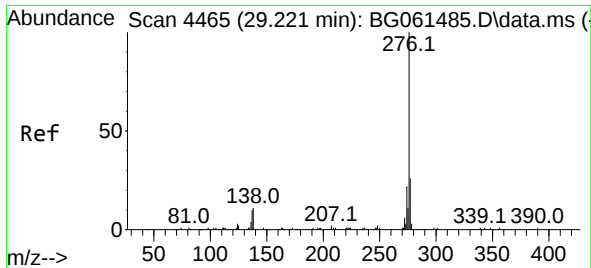


#95
Dibenzo(a,h)anthracene
Concen: 1.116 ng/ul m
RT: 28.152 min Scan# 4283
Delta R.T. 0.012 min
Lab File: BG061494.D
Acq: 5 Jun 2024 20:00



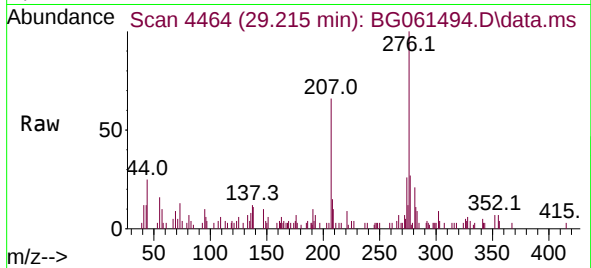
Tgt Ion:278 Resp: 14806
Ion Ratio Lower Upper
278 100
139 16.6 6.4 9.6#
279 38.6 19.9 29.9#





#96
 Benzo(g,h,i)perylene
 Concen: 2.963 ng/ul m
 RT: 29.215 min Scan# 44
 Delta R.T. 0.041 min
 Lab File: BG061494.D
 Acq: 5 Jun 2024 20:00

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	276	Resp:	37908
Ion Ratio	Lower	Upper	
276	100		
138	11.3	8.7	13.1
277	27.5	18.2	27.2

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