

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061500.D
 Acq On : 6 Jun 2024 00:49
 Operator : MA/JU
 Sample : P2623-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 03:42:04 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	34334	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	137774	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	103456	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	238965	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	262653	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	296368	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.746	84	2672	1.224	ng/u1	0.00
7) Phenol-d5	7.071	99	12311	4.366	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.201	67	7719	4.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	10360	4.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	10718	4.458	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	5210	4.912	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	5544	4.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	12557	5.188	ng/u1	0.01
31) 4-Chloroaniline-d4	10.814	131	7249	2.289	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	40409	5.036	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	44276	5.308	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	2379m	2.398	ng/u1	0.04
60) Fluorene-d10	15.503	176	35717	5.156	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.359	188	58264	5.530	ng/u1	0.00
81) Pyrene-d10	19.657	212	65156	4.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	58363	4.096	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	10193	1.402	ng/u1	97
52) Acenaphthene	14.574	153	10164	1.675	ng/u1	94
56) Dibenzofuran	14.909	168	16063	1.851	ng/u1	98
61) Fluorene	15.562	166	16706	2.225	ng/u1	89
72) Phenanthrene	17.307	178	332624	28.679	ng/u1	97
74) Anthracene	17.395	178	67767	5.651	ng/u1	100
77) Carbazole	17.671	167	33893	3.475	ng/u1	99
80) Fluoranthene	19.322	202	567864	35.100	ng/u1	99
82) Pyrene	19.686	202	380148	22.637	ng/u1	97
85) Benzo(a)anthracene	21.502	228	297748	16.429	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.402	149	11374	1.332	ng/u1	93
87) Chrysene	21.560	228	266097	15.946	ng/u1	97
90) Benzo(b)fluoranthene	23.634	252	330346	18.721	ng/u1	98
91) Benzo(k)fluoranthene	23.693	252	129765m	7.244	ng/u1	
93) Benzo(a)pyrene	24.463	252	134092	8.003	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.129	276	98823m	4.877	ng/u1	
95) Dibenzo(a,h)anthracene	28.153	278	36875m	2.207	ng/u1	

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

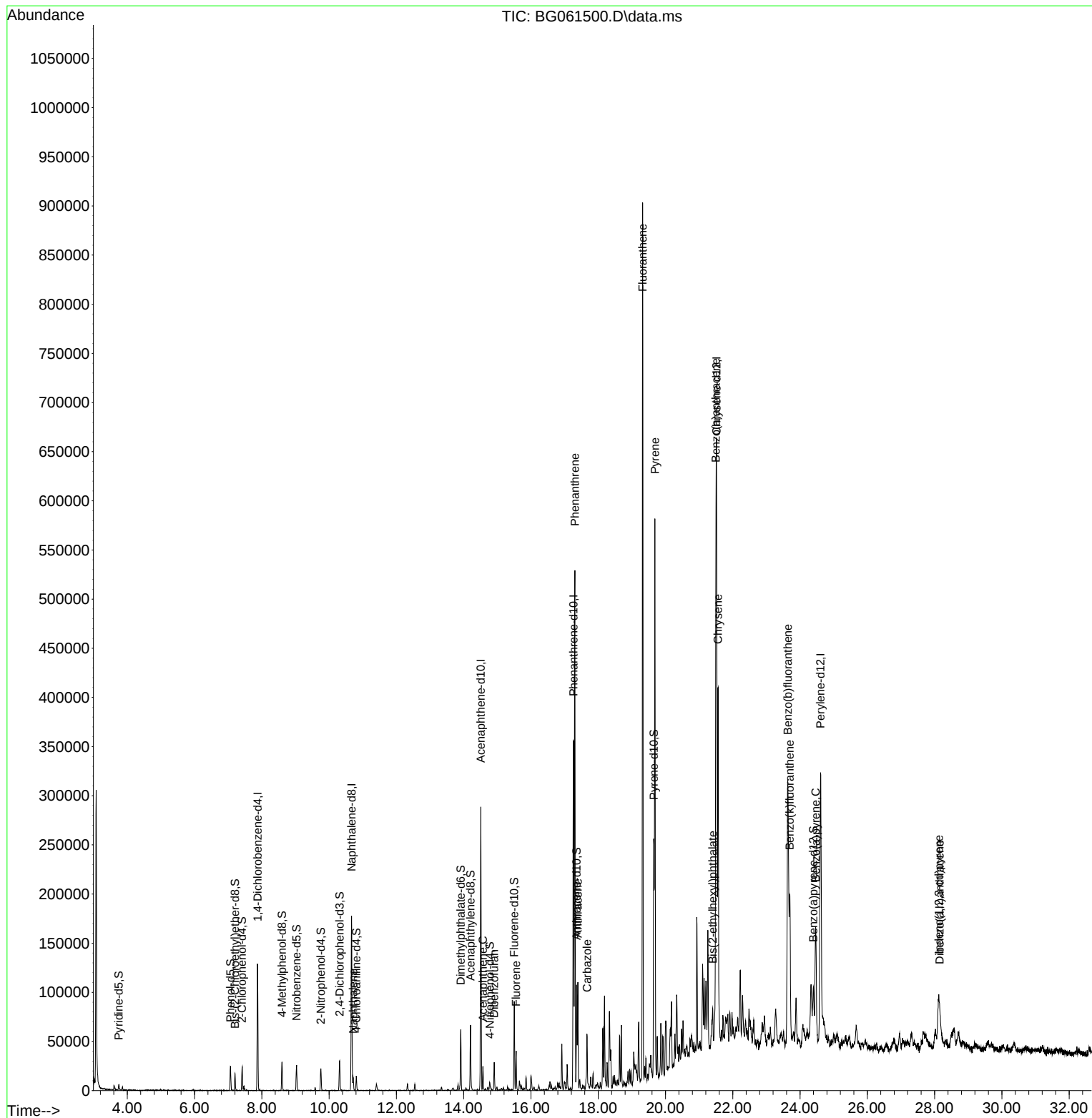
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061500.D
Acq On : 6 Jun 2024 00:49
Operator : MA/JU
Sample : P2623-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

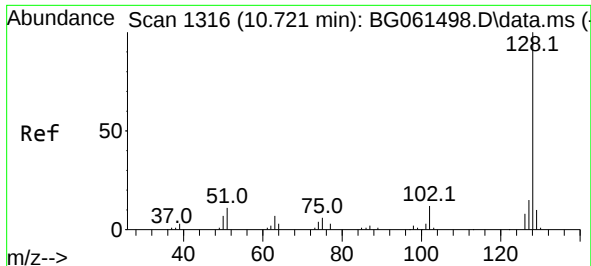
Instrument :
BNA_G
ClientSampleId :
BHBR1DL

Quant Time: Jun 06 03:42:04 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

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APPROVED

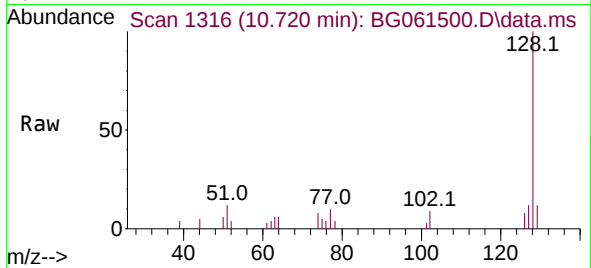
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024





#30
Naphthalene
Concen: 1.402 ng/ul
RT: 10.720 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

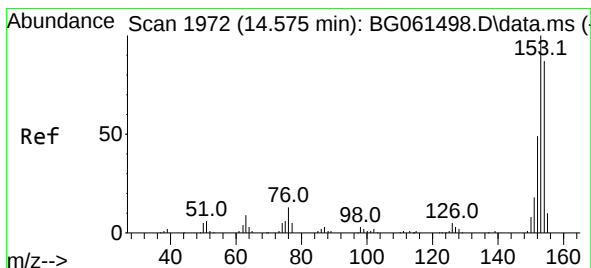
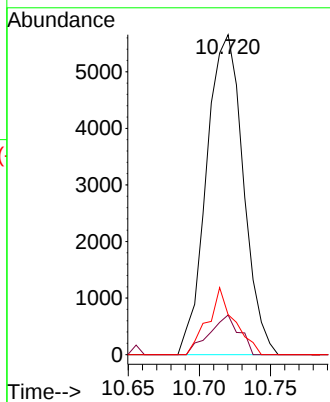
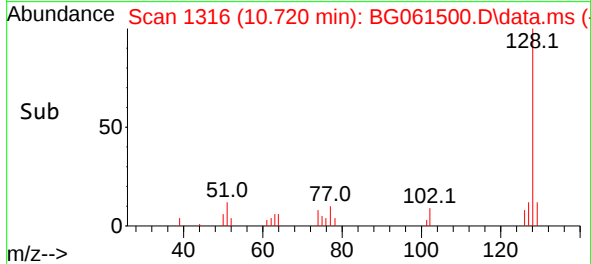
Instrument :
BNA_G
ClientSampleId :
BHBR1DL



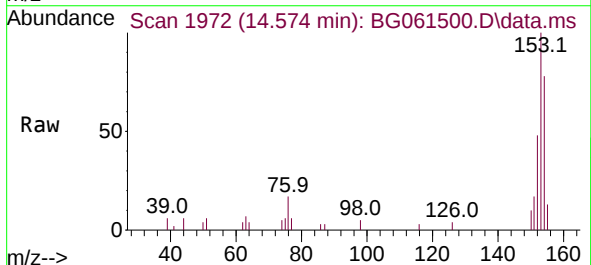
Tgt Ion:128 Resp: 1019
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 12.5 10.8 16.2

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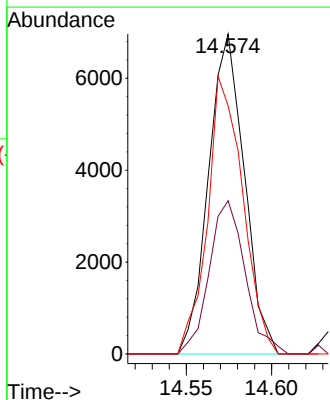
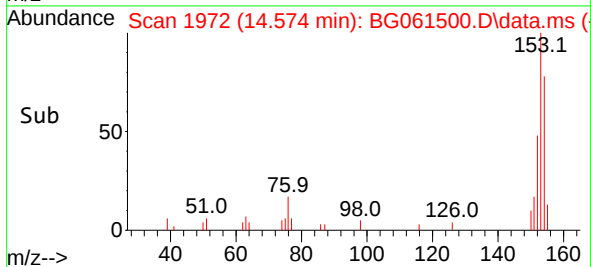
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

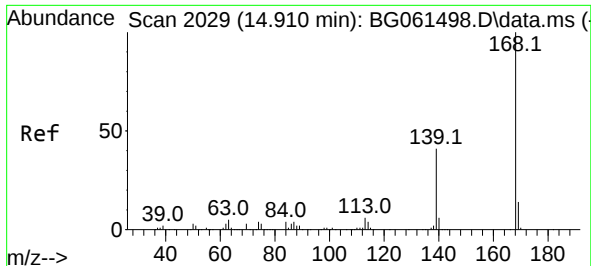


#52
Acenaphthene
Concen: 1.675 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49



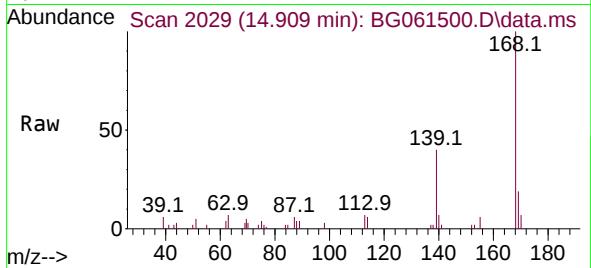
Tgt Ion:153 Resp: 10164
Ion Ratio Lower Upper
153 100
152 47.9 37.8 56.8
154 77.5 69.0 103.6





#56
Dibenzenofuran
Concen: 1.851 ng/ul
RT: 14.909 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

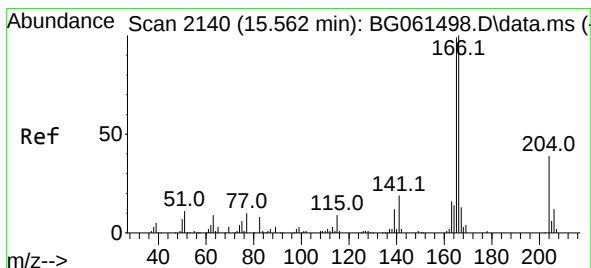
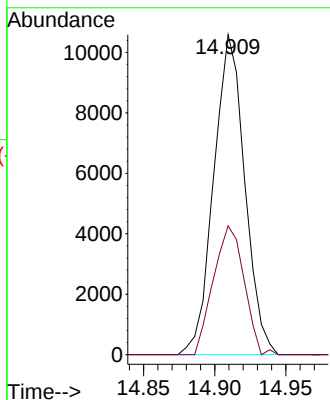
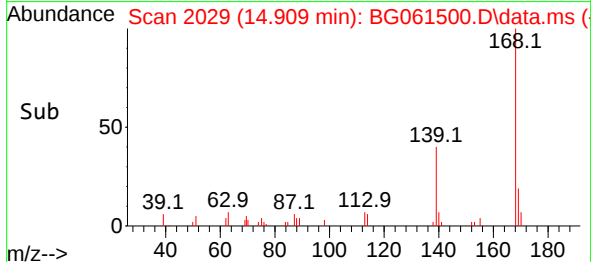
Instrument :
BNA_G
ClientSampleId :
BHBR1DL



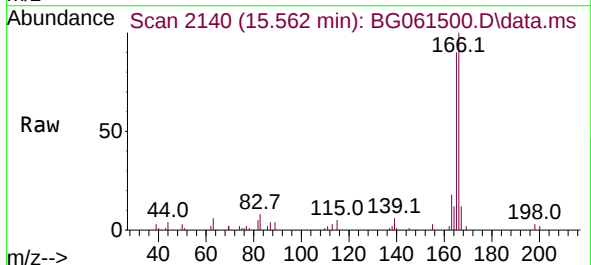
Tgt Ion:168 Resp: 1606
Ion Ratio Lower Upper
168 100
139 40.2 33.4 50.2

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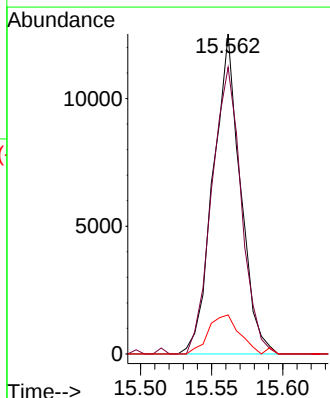
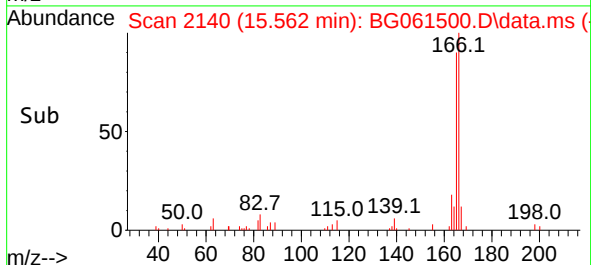
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

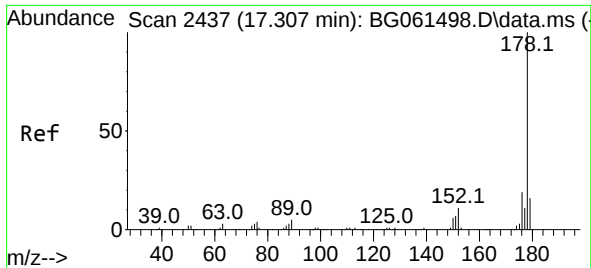


#61
Fluorene
Concen: 2.225 ng/ul
RT: 15.562 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49



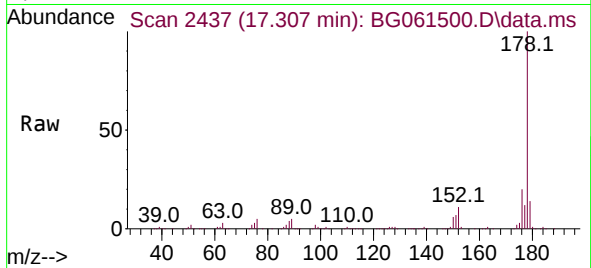
Tgt Ion:166 Resp: 16706
Ion Ratio Lower Upper
166 100
165 89.6 81.8 122.8
167 12.2 10.6 16.0





#72
Phenanthrene
Concen: 28.679 ng/uI
RT: 17.307 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

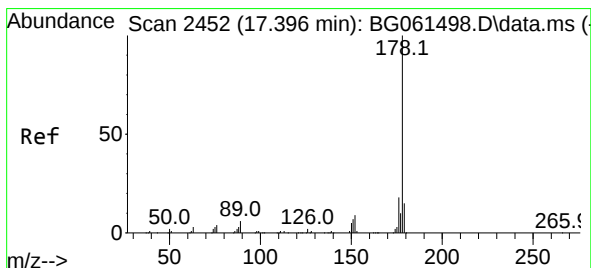
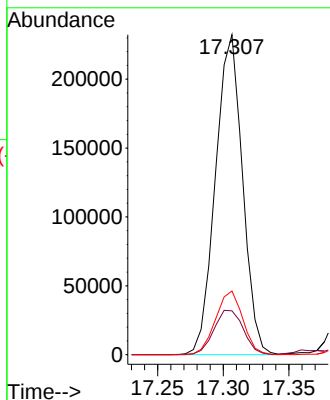
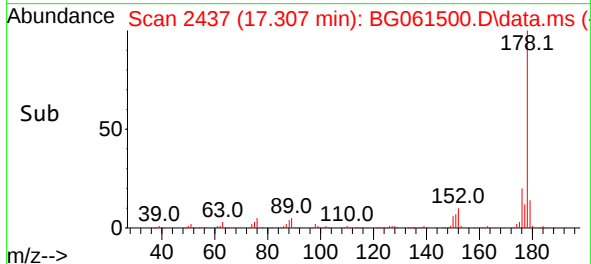
Instrument :
BNA_G
ClientSampleId :
BHBR1DL



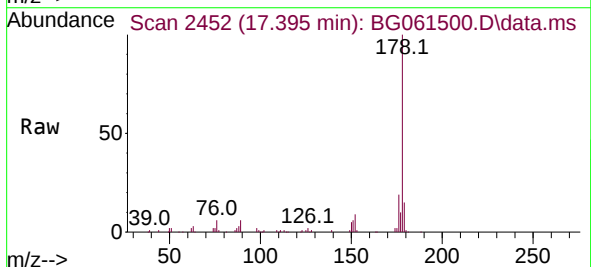
Tgt Ion:178 Resp: 332624
Ion Ratio Lower Upper
178 100
179 13.7 12.7 19.1
176 19.9 15.5 23.3

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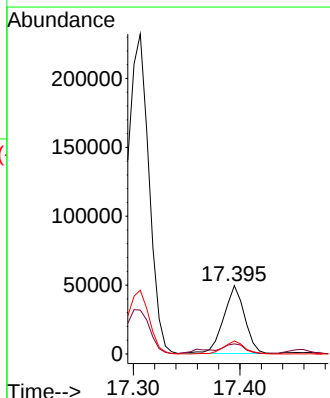
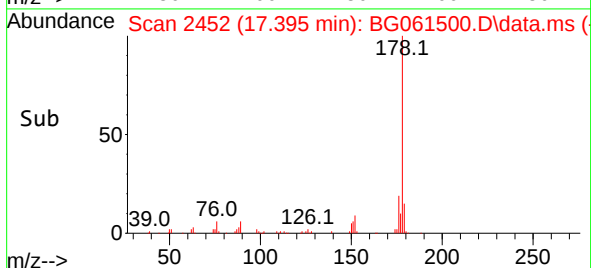
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

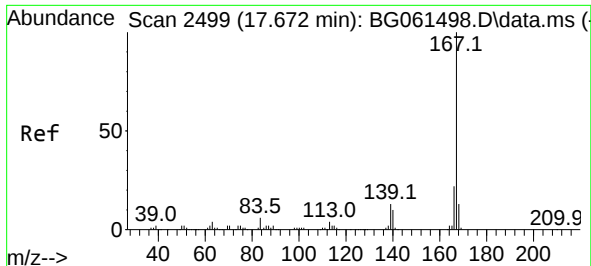


#74
Anthracene
Concen: 5.651 ng/uI
RT: 17.395 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49



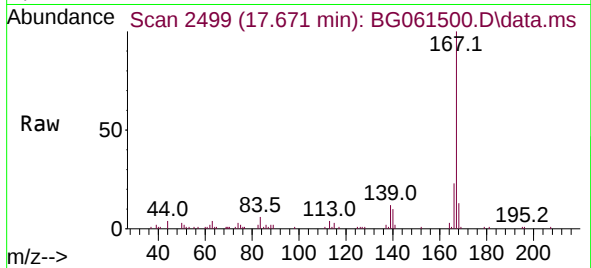
Tgt Ion:178 Resp: 67767
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.6
176 18.9 14.9 22.3





#77
 Carbazole
 Concen: 3.475 ng/ul
 RT: 17.671 min Scan# 2499
 Delta R.T. 0.007 min
 Lab File: BG061500.D
 Acq: 6 Jun 2024 00:49

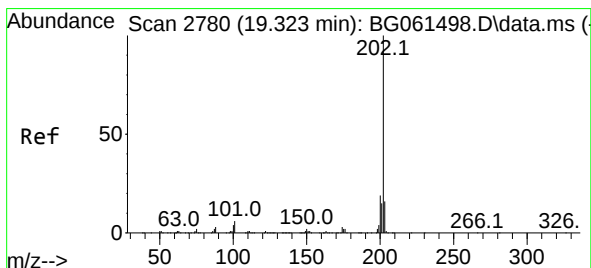
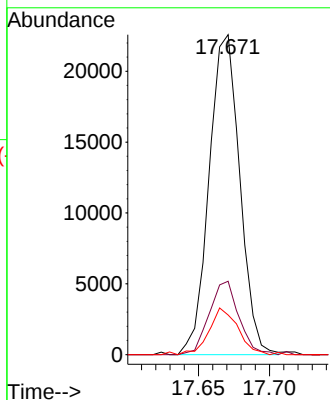
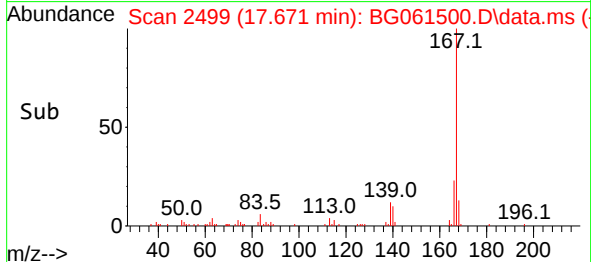
Instrument :
 BNA_G
 ClientSampleId :
 BHBR1DL



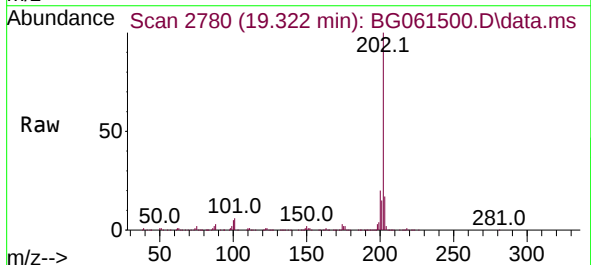
Tgt Ion:167 Resp: 3389
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.6 28.0
 139 12.4 10.6 15.8

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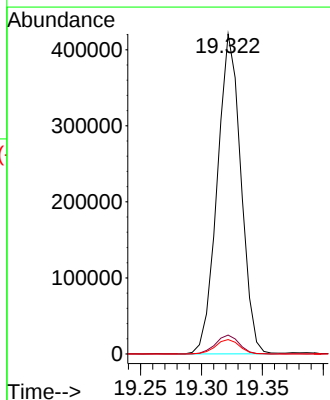
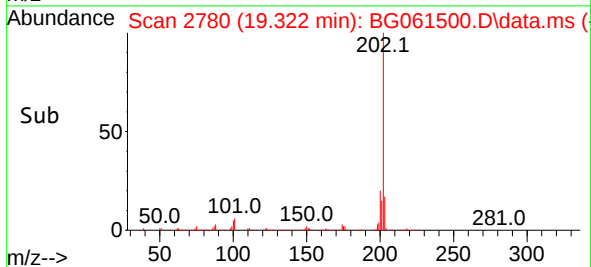
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

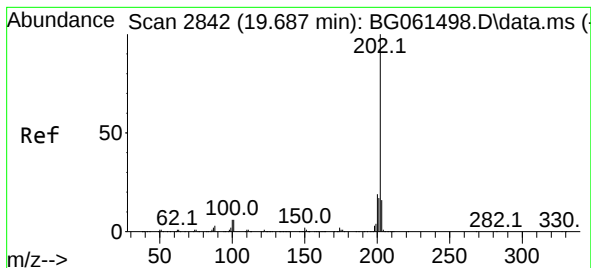


#80
 Fluoranthene
 Concen: 35.100 ng/ul
 RT: 19.322 min Scan# 2780
 Delta R.T. 0.007 min
 Lab File: BG061500.D
 Acq: 6 Jun 2024 00:49



Tgt Ion:202 Resp: 567864
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.8 7.2
 100 4.5 4.1 6.1





#82

Pyrene

Concen: 22.637 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061500.D

Acq: 6 Jun 2024 00:49

Instrument :

BNA_G

ClientSampleId :

BHBR1DL

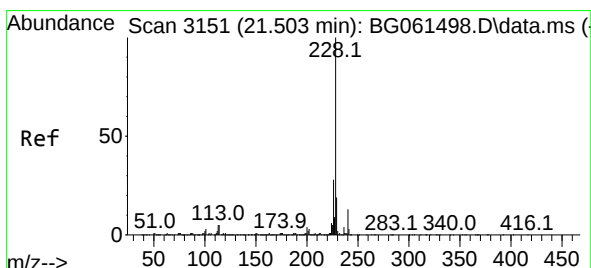
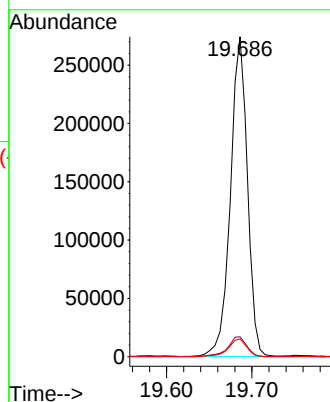
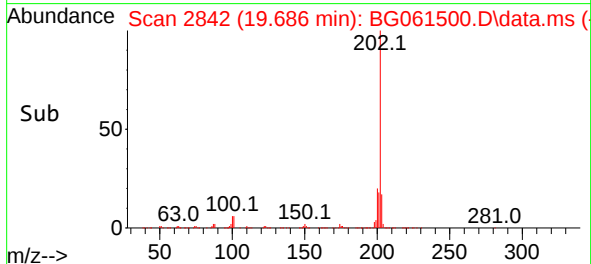
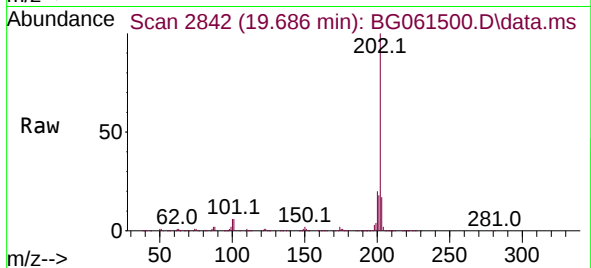
Tgt Ion:202 Resp: 38014

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.7	8.5
100	5.6	5.1	7.7

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#85

Benzo(a)anthracene

Concen: 16.429 ng/ul

RT: 21.502 min Scan# 3151

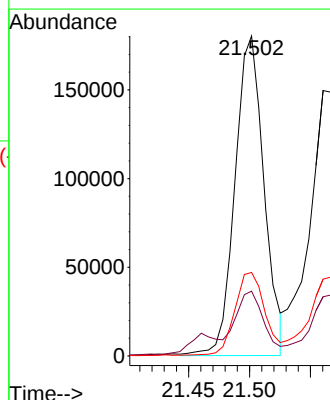
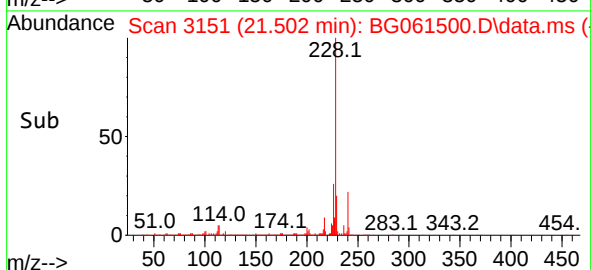
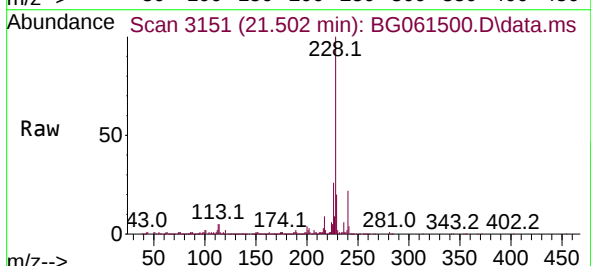
Delta R.T. 0.007 min

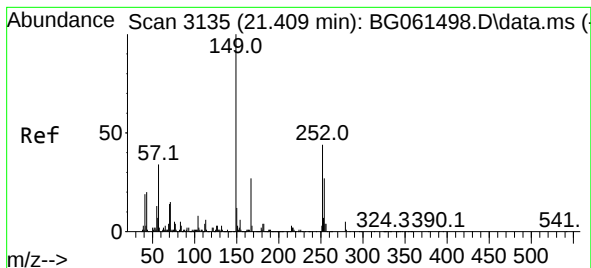
Lab File: BG061500.D

Acq: 6 Jun 2024 00:49

Tgt Ion:228 Resp: 297748

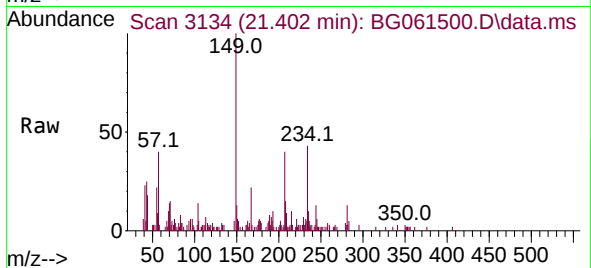
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.2	22.8
226	26.1	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.332 ng/ul
RT: 21.402 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

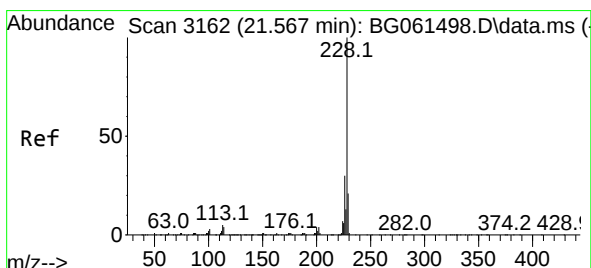
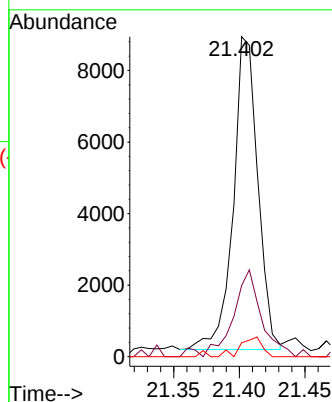
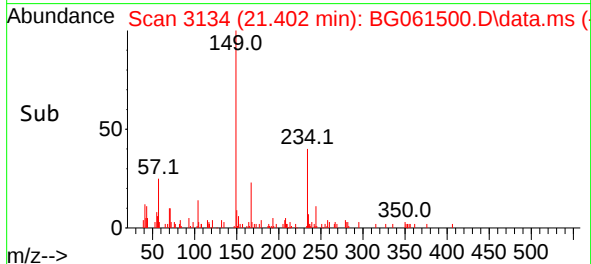
Instrument :
BNA_G
ClientSampleId :
BHBR1DL



Tgt Ion:149 Resp: 11374
Ion Ratio Lower Upper
149 100
167 22.2 21.1 31.7
279 4.4 3.3 4.9

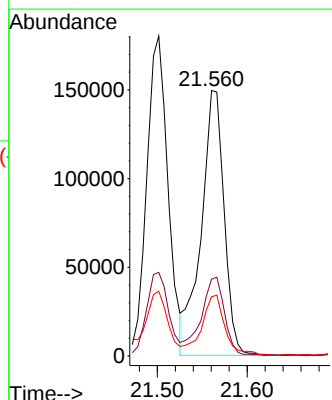
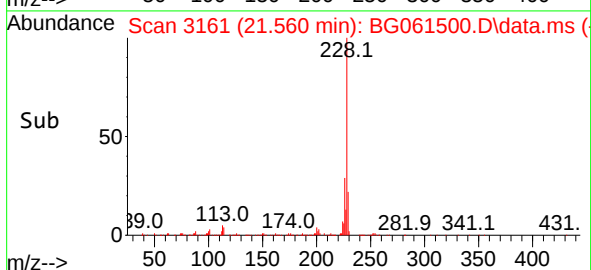
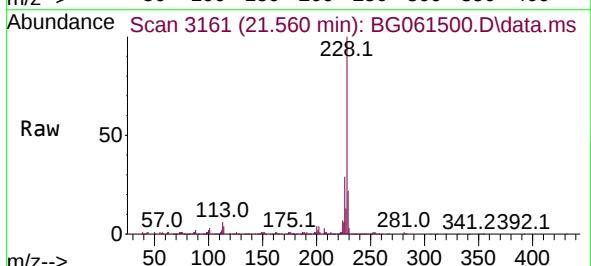
Manual Integrations
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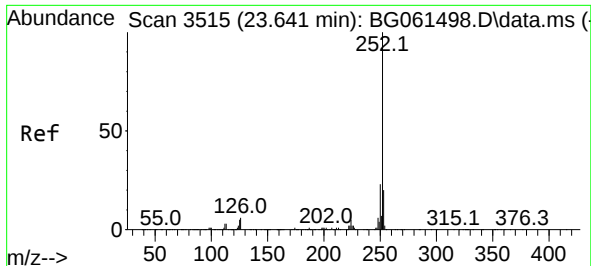
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#87
Chrysene
Concen: 15.946 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

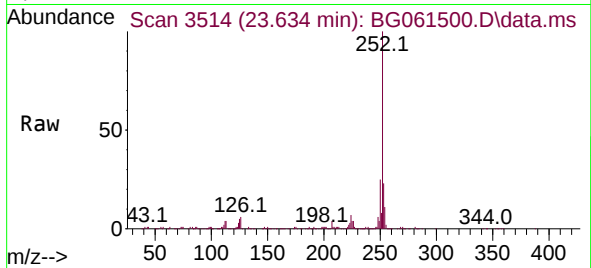
Tgt Ion:228 Resp: 266097
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.0
229 22.3 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 18.721 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. 0.019 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

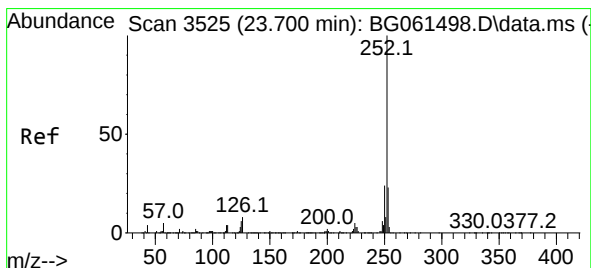
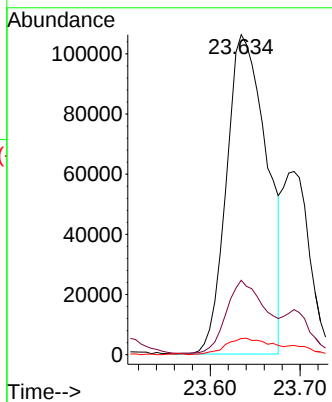
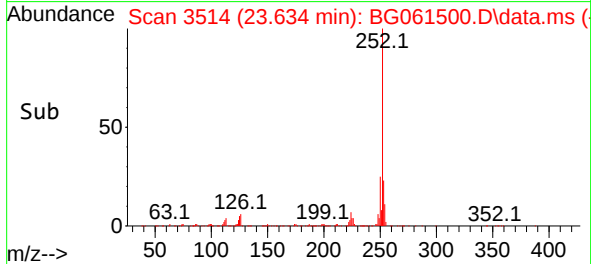
Instrument :
BNA_G
ClientSampleId :
BHBR1DL



Tgt Ion:252 Resp: 330340
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.1 4.6 6.8

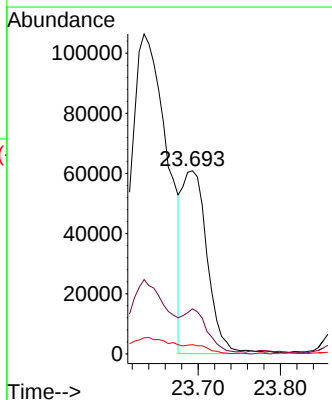
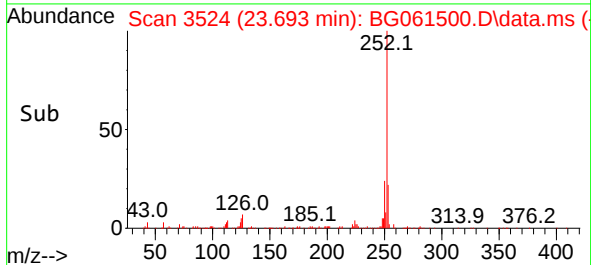
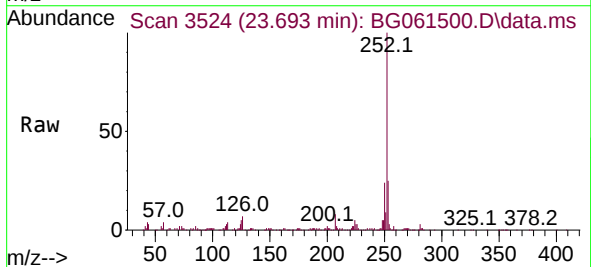
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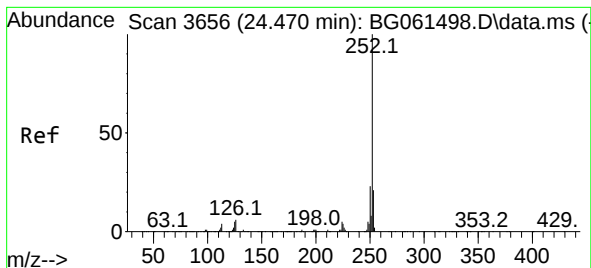
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#91
Benzo(k)fluoranthene
Concen: 7.244 ng/ul m
RT: 23.693 min Scan# 3524
Delta R.T. 0.013 min
Lab File: BG061500.D
Acq: 6 Jun 2024 00:49

Tgt Ion:252 Resp: 129765
Ion Ratio Lower Upper
252 100
253 24.6 16.0 24.0#
125 5.0 4.3 6.5





#93

Benzo(a)pyrene

Concen: 8.003 ng/ul

RT: 24.463 min Scan# 3655

Delta R.T. 0.013 min

Lab File: BG061500.D

Acq: 6 Jun 2024 00:49

Instrument :

BNA_G

ClientSampleId :

BHBR1DL

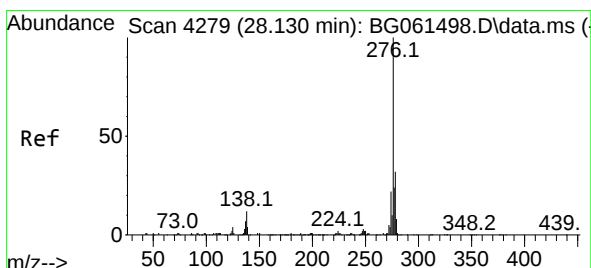
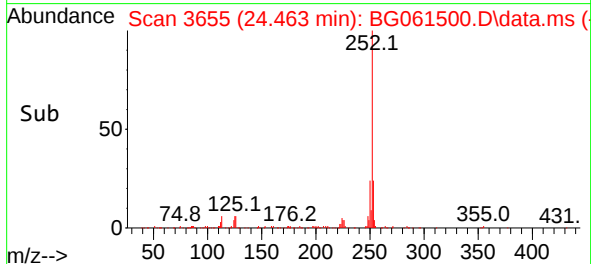
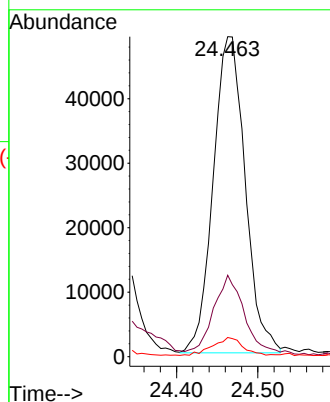
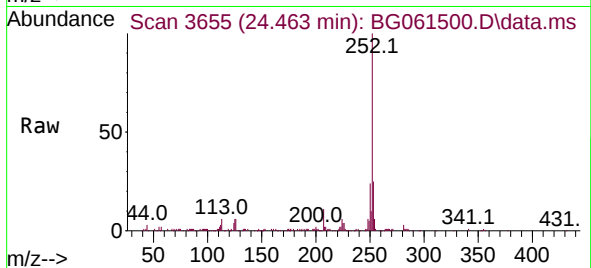
Tgt Ion:252 Resp: 134092

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.4	24.6
125	6.0	4.3	6.5

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.877 ng/ul m

RT: 28.129 min Scan# 4279

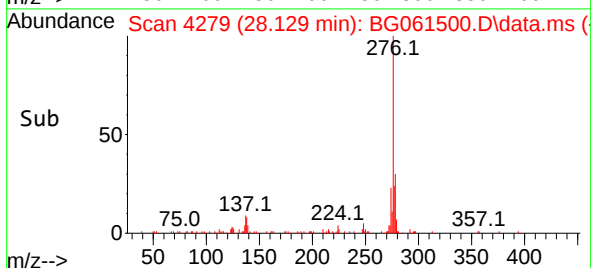
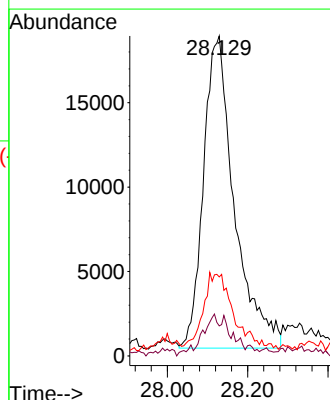
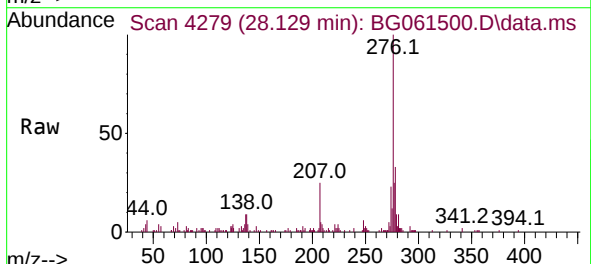
Delta R.T. 0.037 min

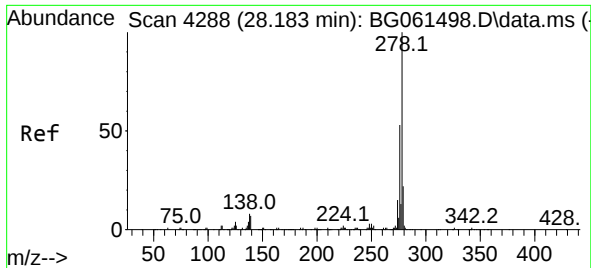
Lab File: BG061500.D

Acq: 6 Jun 2024 00:49

Tgt Ion:276 Resp: 98823

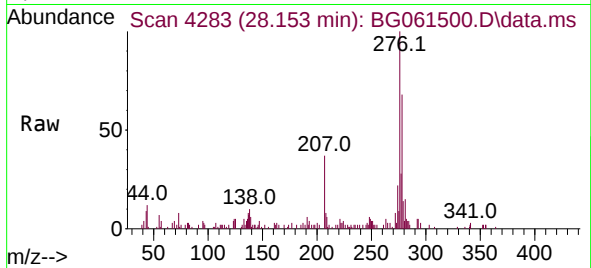
Ion	Ratio	Lower	Upper
276	100		
138	9.4	8.6	13.0
277	24.7	19.7	29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.207 ng/ul m
 RT: 28.153 min Scan# 4
 Delta R.T. 0.013 min
 Lab File: BG061500.D
 Acq: 6 Jun 2024 00:49

Instrument :
 BNA_G
 ClientSampleId :
 BHBR1DL



Tgt Ion:278 Resp: 3687
 Ion Ratio Lower Upper
 278 100
 139 9.1 6.4 9.6
 279 20.9 19.9 29.9

Manual Integrations
 APPROVED

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

