

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061481.D
 Acq On : 5 Jun 2024 9:20
 Operator : MA/JU
 Sample : P2577-15DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHP8DL

Manual Integrations APPROVED

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

Quant Time: Jun 05 10:55:19 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	7.871	152	39041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	149586	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	111134	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	258215	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.526	240	285472	20.000	ng/ul	0.01
88) Perylene-d12	24.616	264	336161	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1325	1.899	ng/uL	0.00
4) Pyridine-d5	3.741	84	10305	4.152	ng/ul	0.00
7) Phenol-d5	7.066	99	36432	11.363	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	21963	10.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	29706	12.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	28920	10.579	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	15053	13.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	17606	13.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	36941	14.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	13001	3.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	109188	12.668	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	120181	13.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	9658	9.063	ng/ul	0.03
60) Fluorene-d10	15.509	176	96013	12.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	12636	8.091	ng/ul	0.01
73) Anthracene-d10	17.360	188	154801	13.598	ng/ul	0.00
81) Pyrene-d10	19.657	212	195203	13.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	213711	13.224	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.019	77	1958	1.168	ng/ul#	73
16) Acetophenone	8.700	105	9666	2.072	ng/ul	92
52) Acenaphthene	14.575	153	8211	1.260	ng/ul	95
61) Fluorene	15.562	166	8761	1.086	ng/ul	95
72) Phenanthrene	17.307	178	251257	20.048	ng/ul	99
74) Anthracene	17.395	178	38291	2.955	ng/ul	96
77) Carbazole	17.672	167	28786	2.731	ng/ul	95
78) Di-n-butylphthalate	18.224	149	80450	6.092	ng/ul	97
80) Fluoranthene	19.328	202	872205	49.603	ng/ul	98
82) Pyrene	19.687	202	782788	42.888	ng/ul	99
83) Butylbenzylphthalate	20.574	149	9483	1.512	ng/ul	92
85) Benzo(a)anthracene	21.502	228	500700	25.419	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	45506	4.903	ng/ul#	96
87) Chrysene	21.567	228	529123	29.173	ng/ul	98
90) Benzo(b)fluoranthene	23.647	252	744045	37.175	ng/ul	98
91) Benzo(k)fluoranthene	23.700	252	275449m	13.557	ng/ul	
93) Benzo(a)pyrene	24.475	252	501556	26.390	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.136	276	357145	15.539	ng/ul	99
95) Dibenzo(a,h)anthracene	28.171	278	96645m	5.100	ng/ul	
96) Benzo(g,h,i)perylene	29.240	276	142935m	7.817	ng/ul	

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

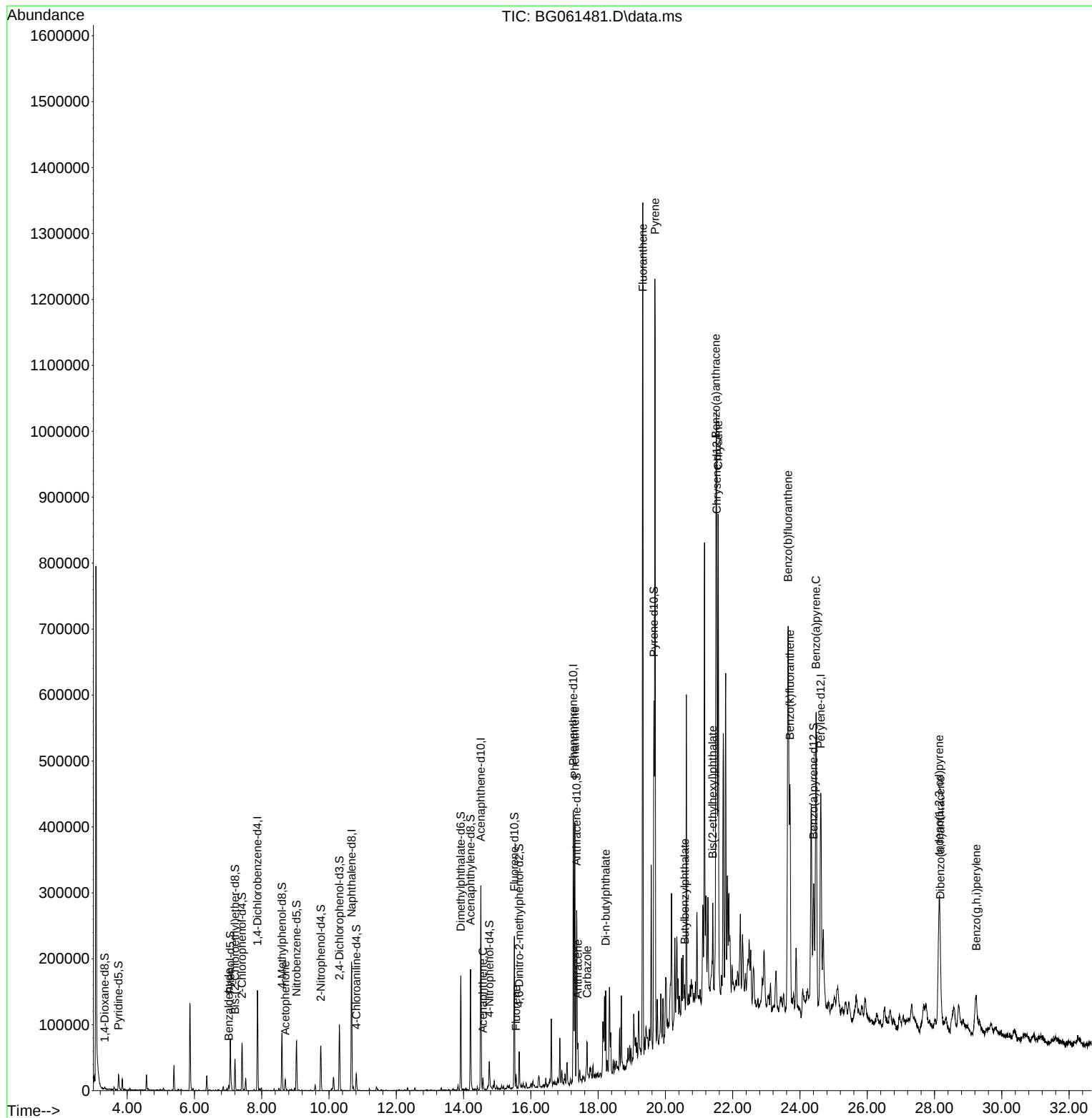
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061481.D
 Acq On : 5 Jun 2024 9:20
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 Sample : P2577-15DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

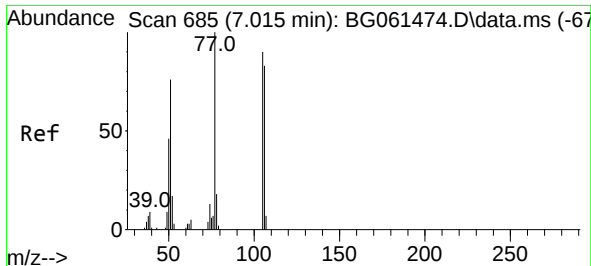
Instrument :
 BNA_G
 ClientSampleId :
 BHBP8DL

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 Supervised By :mohammad ahmed 06/07/2024

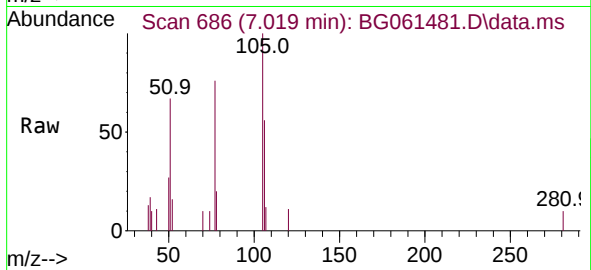
Quant Time: Jun 05 10:55:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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#6
Benzaldehyde
Concen: 1.168 ng/ul
RT: 7.019 min Scan# 685
Delta R.T. 0.008 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

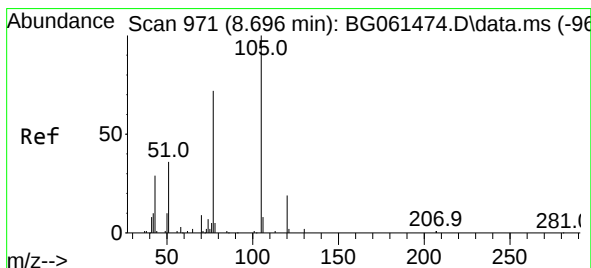
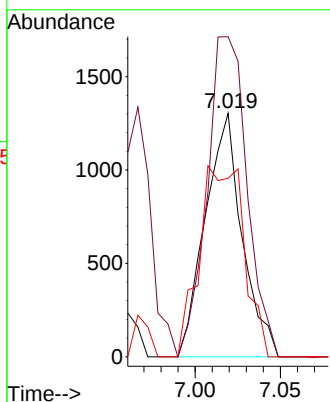
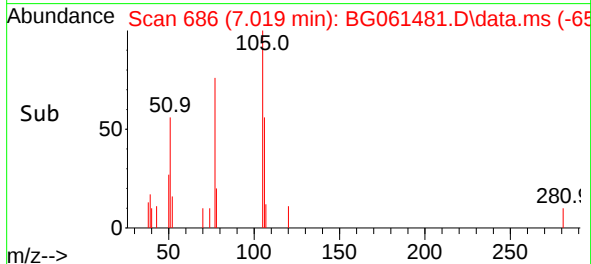
Instrument :
BNA_G
ClientSampleId :
BHBP8DL



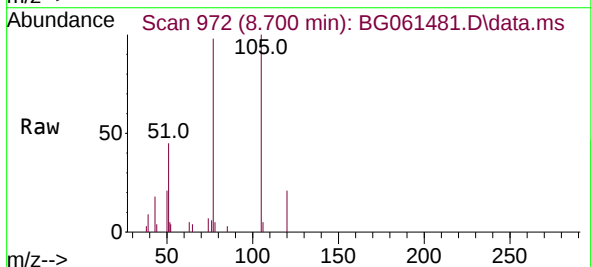
Tgt Ion: 77 Resp: 1958
Ion Ratio Lower Upper
77 100
105 131.4 71.0 106.6
106 73.3 63.4 95.2

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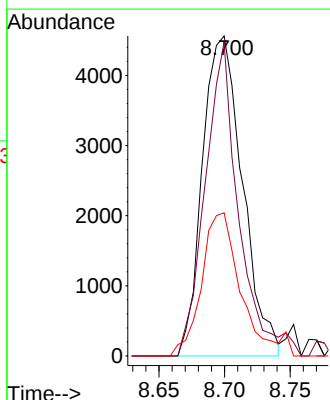
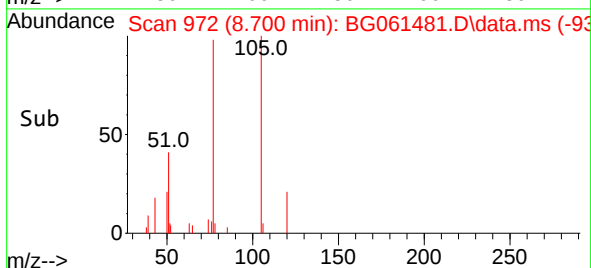
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

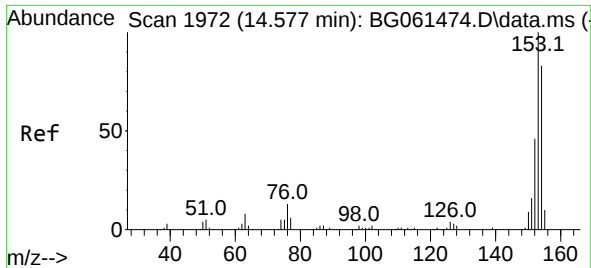


#16
Acetophenone
Concen: 2.072 ng/ul
RT: 8.700 min Scan# 972
Delta R.T. 0.008 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20



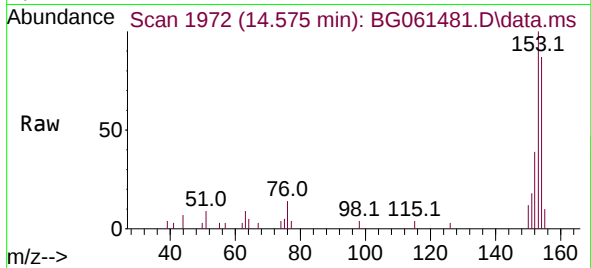
Tgt Ion:105 Resp: 9666
Ion Ratio Lower Upper
105 100
77 98.1 70.4 105.6
51 49.5 38.4 57.6





#52
Acenaphthene
Concen: 1.260 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

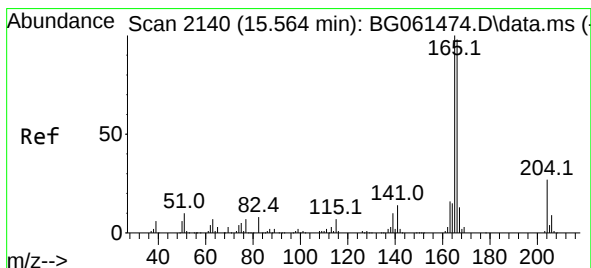
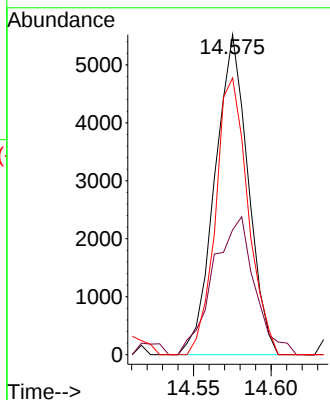
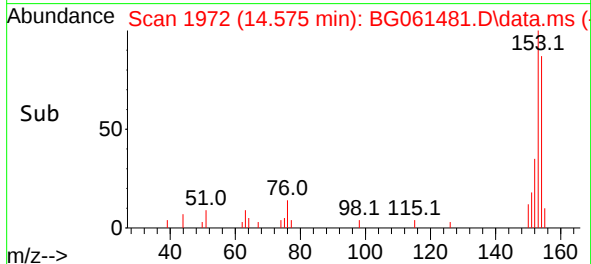
Instrument :
BNA_G
ClientSampleId :
BHBP8DL



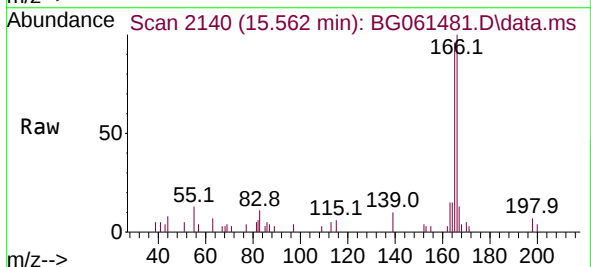
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Ion Ratio Lower Upper
153 100
152 39.0 37.8 56.8
154 86.5 69.0 103.6

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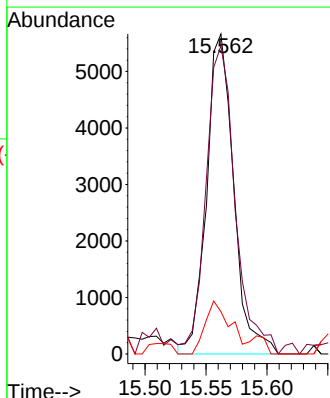
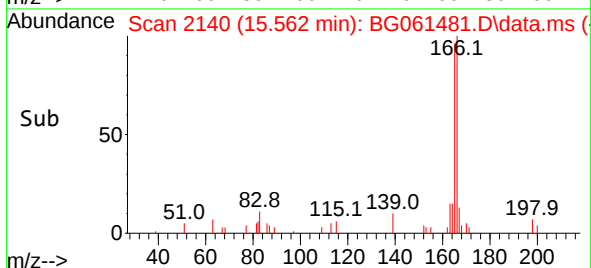
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

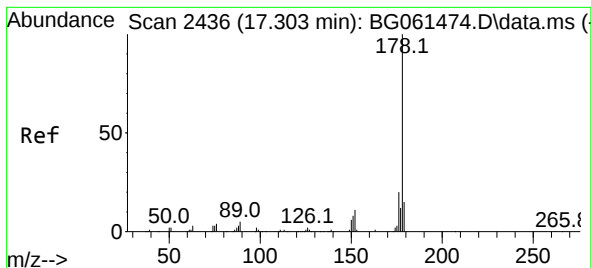


#61
Fluorene
Concen: 1.086 ng/ul
RT: 15.562 min Scan# 2140
Delta R.T. 0.002 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20



Tgt Ion:166 Resp: 8761
Ion Ratio Lower Upper
166 100
165 96.3 81.8 122.8
167 13.2 10.6 16.0





#72

Phenanthrene

Concen: 20.048 ng/uI

RT: 17.307 min Scan# 2436

Delta R.T. 0.008 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

Instrument :

BNA_G

ClientSampleId :

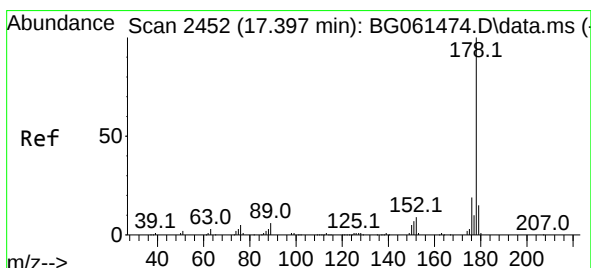
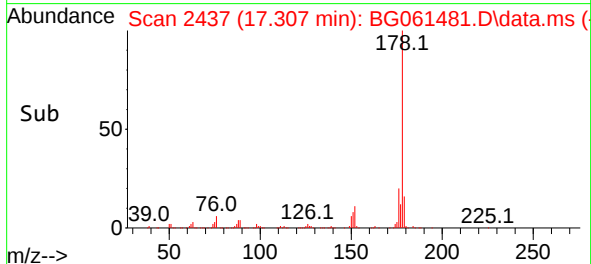
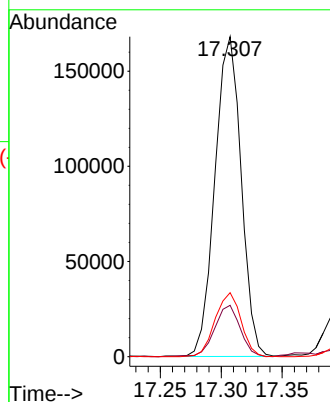
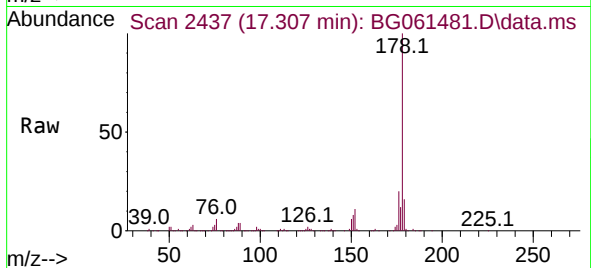
BHBP8DL

Tgt Ion:	178	Resp:	25125
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.7	19.1
176	20.0	15.5	23.3

Manual Integrations

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#74

Anthracene

Concen: 2.955 ng/uI

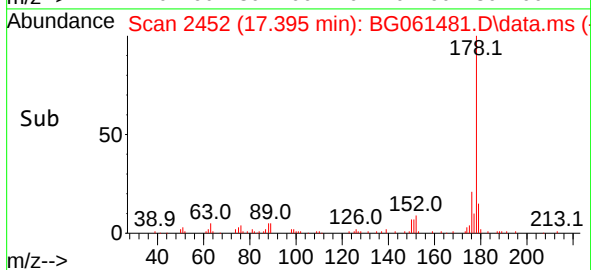
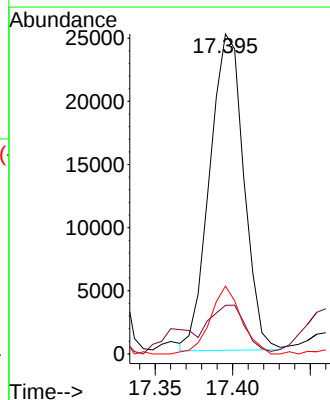
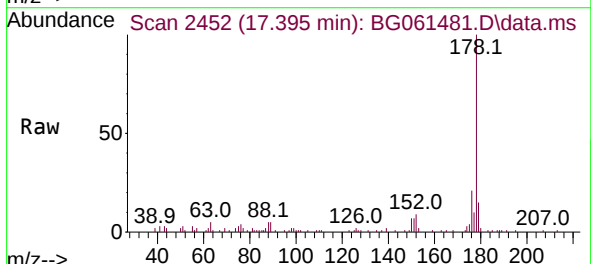
RT: 17.395 min Scan# 2452

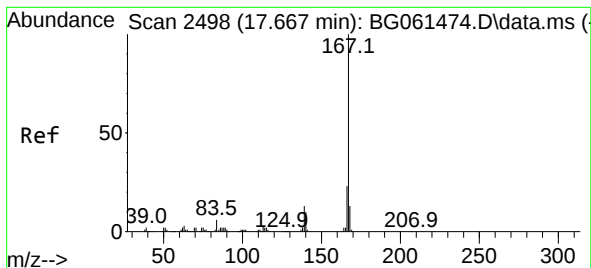
Delta R.T. 0.002 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

Tgt Ion:	178	Resp:	38291
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.6
176	21.2	14.9	22.3





#77

Carbazole

Concen: 2.731 ng/ul

RT: 17.672 min Scan# 2498

Delta R.T. 0.008 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

Instrument :

BNA_G

ClientSampleId :

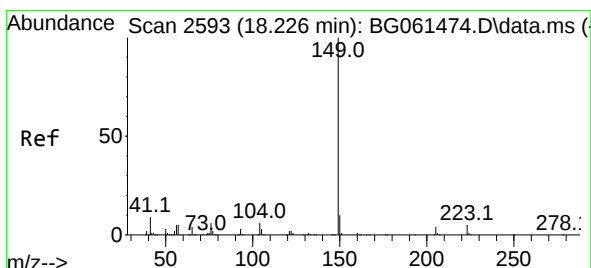
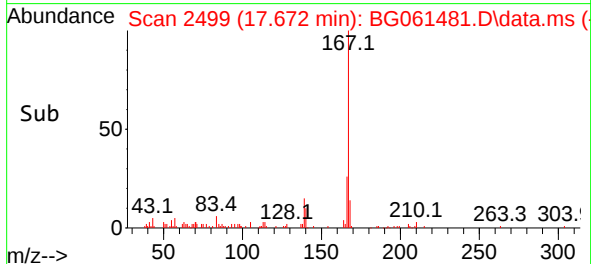
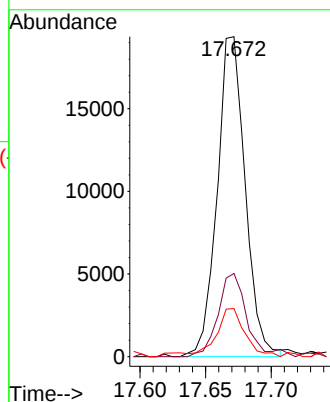
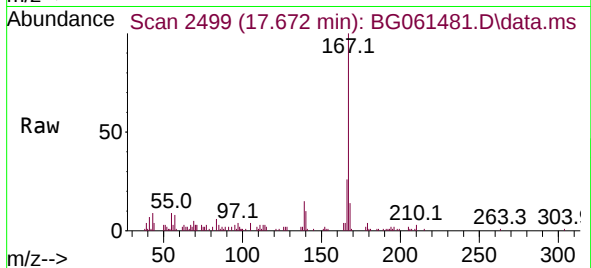
BHBP8DL

Tgt Ion:167	Resp:	28780
Ion Ratio	Lower	Upper
167	100	
166	26.0	18.6 28.0
139	15.0	10.6 15.8

Manual Integrations

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#78

Di-n-butylphthalate

Concen: 6.092 ng/ul

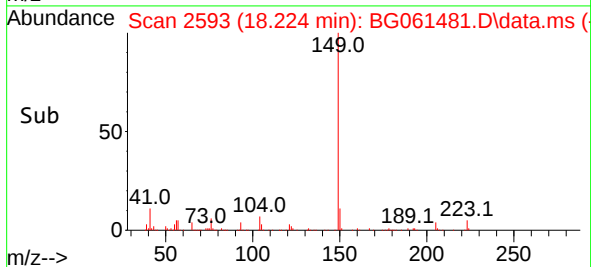
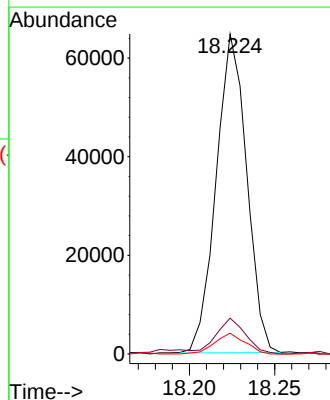
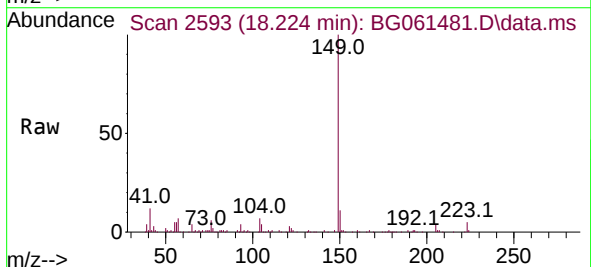
RT: 18.224 min Scan# 2593

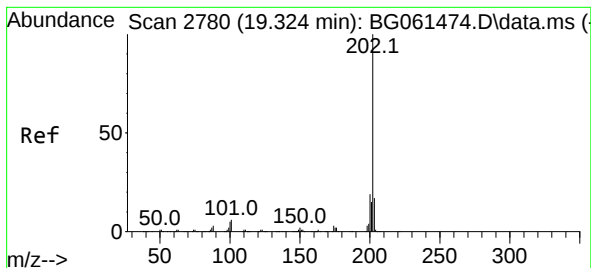
Delta R.T. 0.002 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

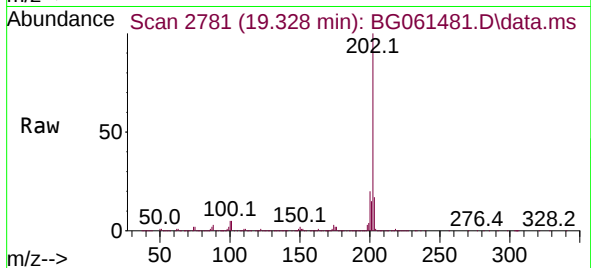
Tgt Ion:149	Resp:	80450
Ion Ratio	Lower	Upper
149	100	
150	11.2	7.8 11.8
104	6.5	4.8 7.2





#80
Fluoranthene
Concen: 49.603 ng/u1
RT: 19.328 min Scan# 21
Delta R.T. 0.014 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

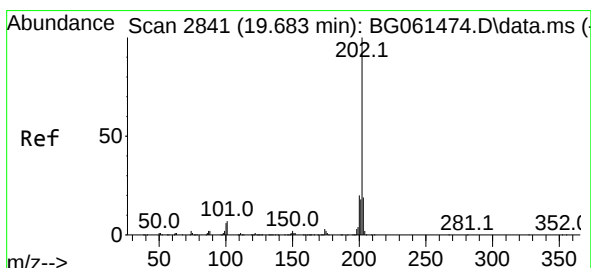
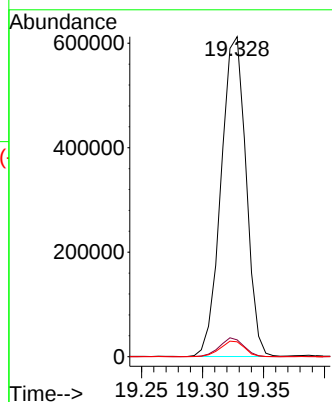
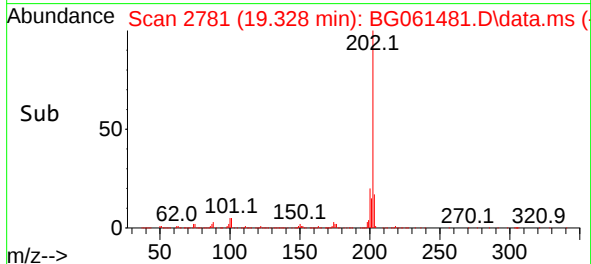
Instrument :
BNA_G
ClientSampleId :
BHP8DL



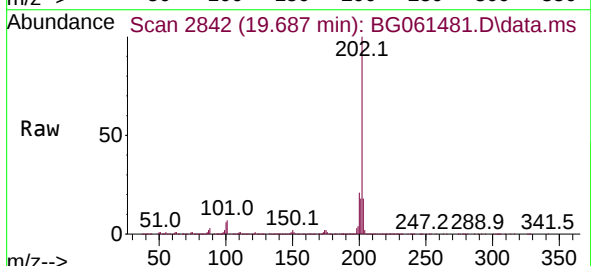
Tgt Ion:202 Resp: 872205
Ion Ratio Lower Upper
202 100
101 5.3 4.8 7.2
100 4.6 4.1 6.1

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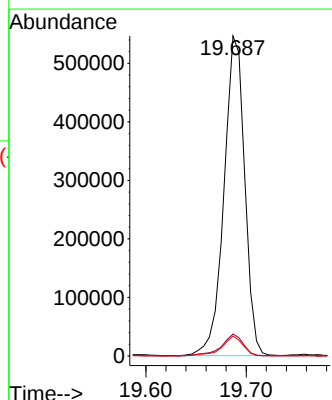
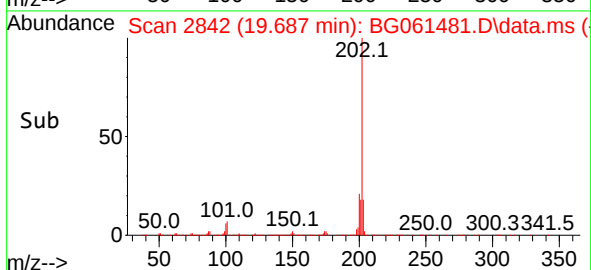
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

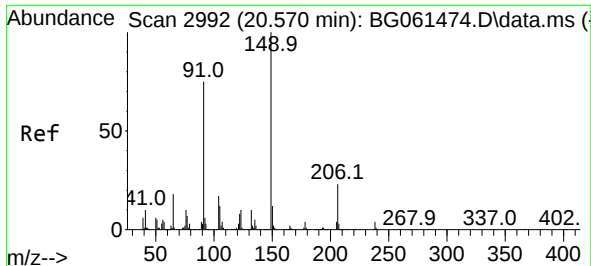


#82
Pyrene
Concen: 42.888 ng/u1
RT: 19.687 min Scan# 2842
Delta R.T. 0.008 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20



Tgt Ion:202 Resp: 782788
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 6.2 5.1 7.7





#83
Butylbenzylphthalate
Concen: 1.512 ng/ul
RT: 20.574 min Scan# 2992
Delta R.T. 0.002 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

Instrument :

BNA_G

ClientSampleId :

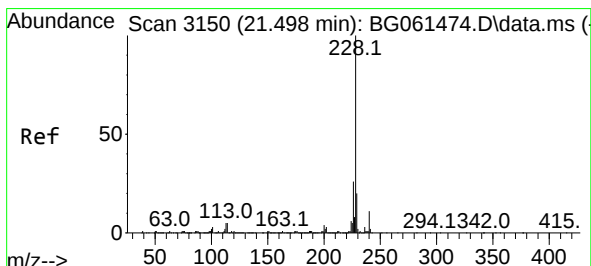
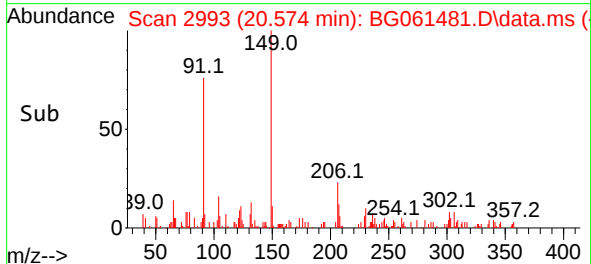
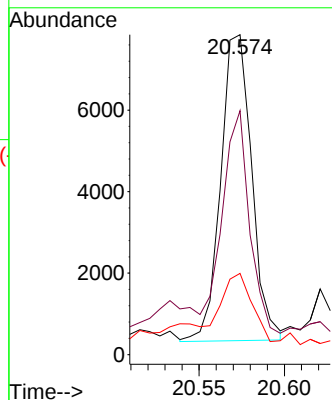
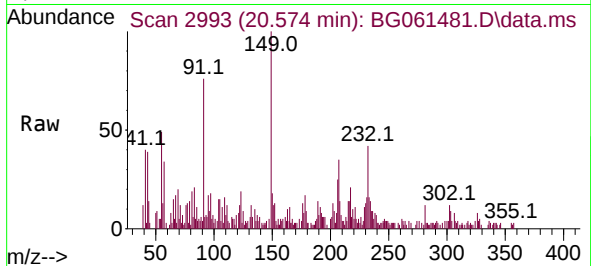
BHBP8DL

Tgt Ion:149 Resp: 948
Ion Ratio Lower Upper
149 100
91 76.2 54.8 82.2
206 25.4 19.4 29.0

Manual Integrations

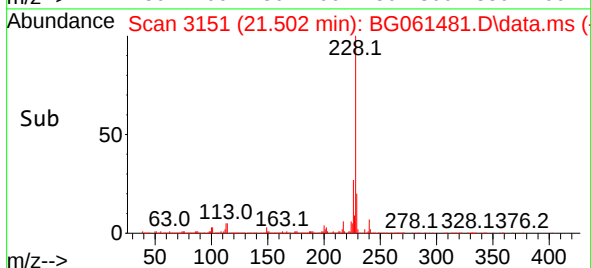
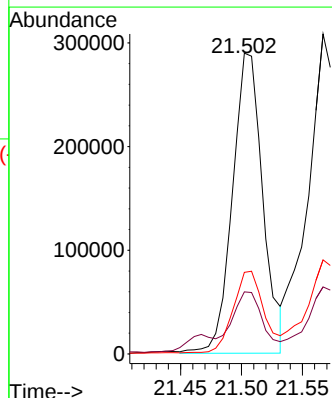
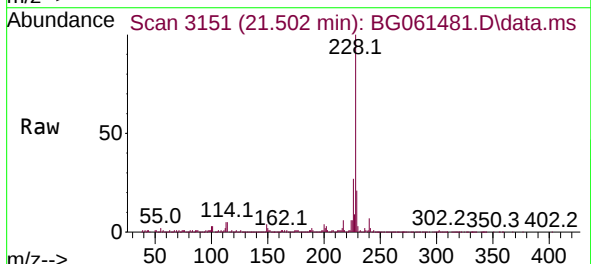
APPROVED

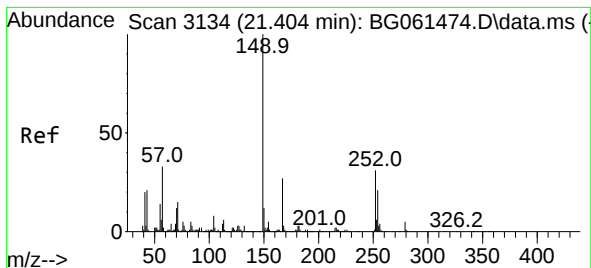
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#85
Benzo(a)anthracene
Concen: 25.419 ng/ul
RT: 21.502 min Scan# 3151
Delta R.T. 0.008 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

Tgt Ion:228 Resp: 500700
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 27.2 21.4 32.2





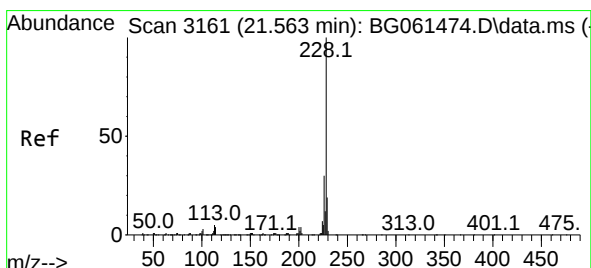
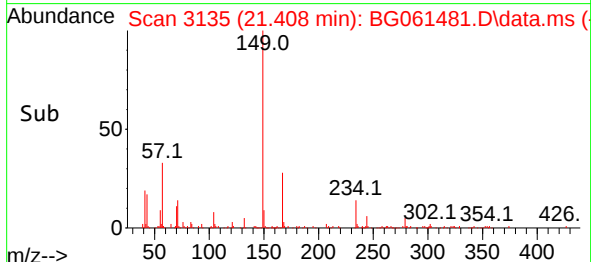
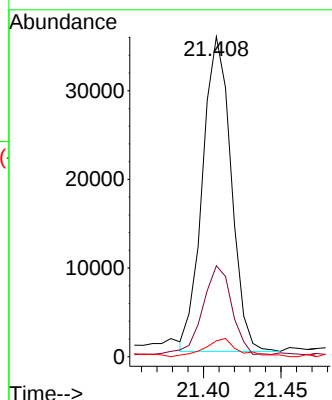
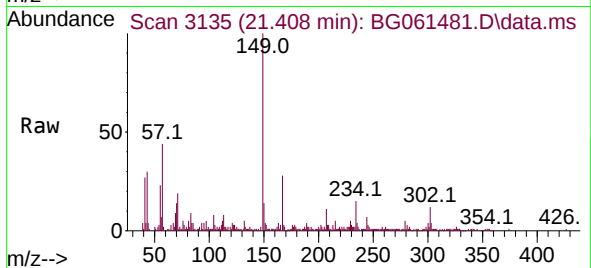
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.903 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

Instrument :
BNA_G
ClientSampleId :
BHP8DL

Tgt Ion:149 Resp: 45500
Ion Ratio Lower Upper
149 100
167 28.4 21.1 31.7
279 5.0 3.3 4.9

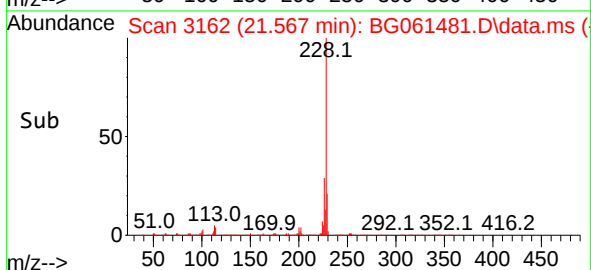
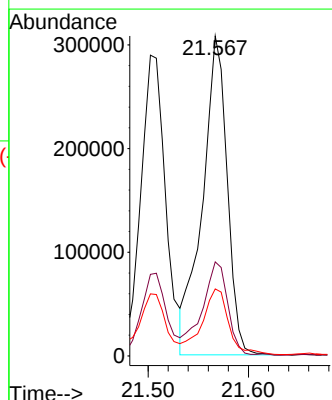
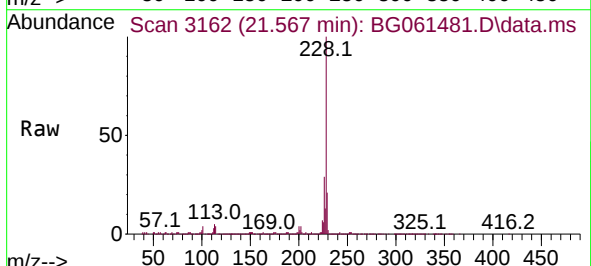
Manual Integrations
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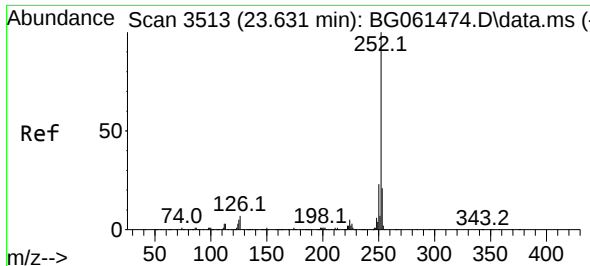
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#87
Chrysene
Concen: 29.173 ng/ul
RT: 21.567 min Scan# 3162
Delta R.T. 0.014 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

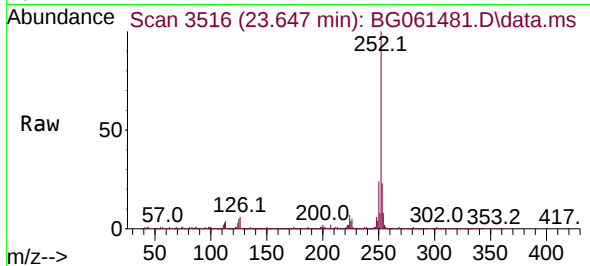
Tgt Ion:228 Resp: 529123
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.0
229 20.9 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 37.175 ng/ul
RT: 23.647 min Scan# 3516
Delta R.T. 0.031 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

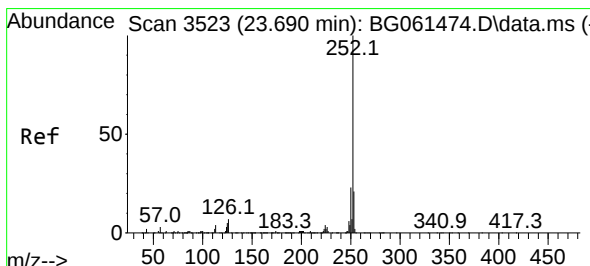
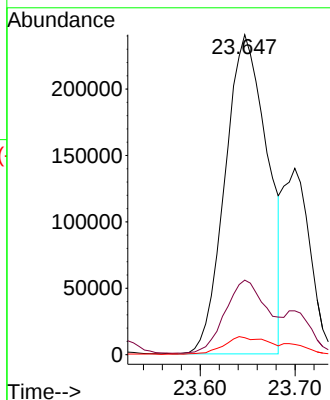
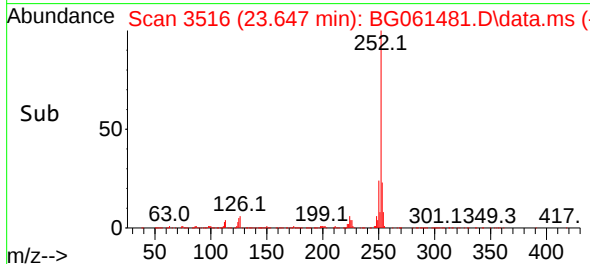
Instrument :
BNA_G
ClientSampleId :
BHBP8DL



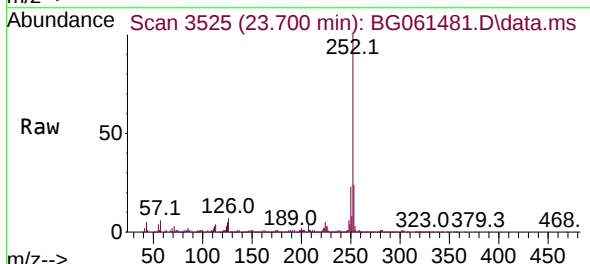
Tgt Ion:252 Resp: 744049
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.3 4.6 6.8

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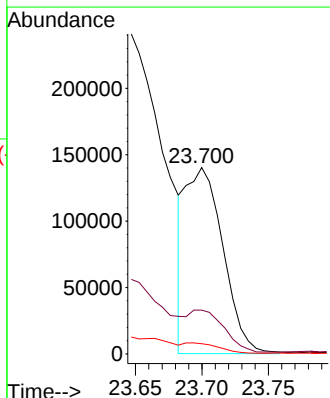
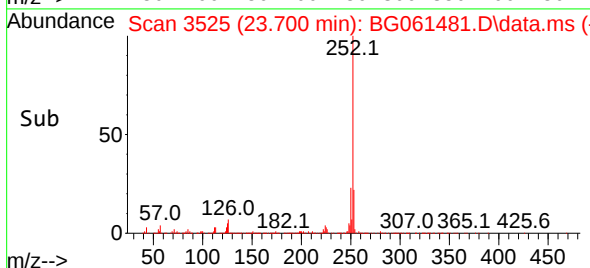
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

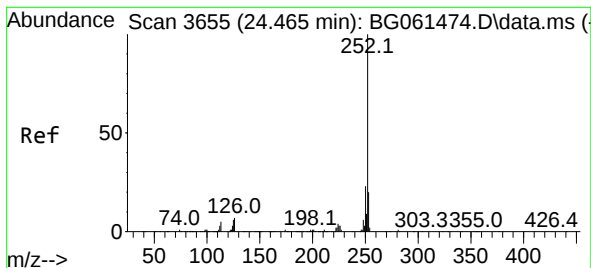


#91
Benzo(k)fluoranthene
Concen: 13.557 ng/ul m
RT: 23.700 min Scan# 3525
Delta R.T. 0.020 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20



Tgt Ion:252 Resp: 275449
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 5.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 26.390 ng/u1

RT: 24.475 min Scan# 3

Delta R.T. 0.025 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

Instrument :

BNA_G

ClientSampleId :

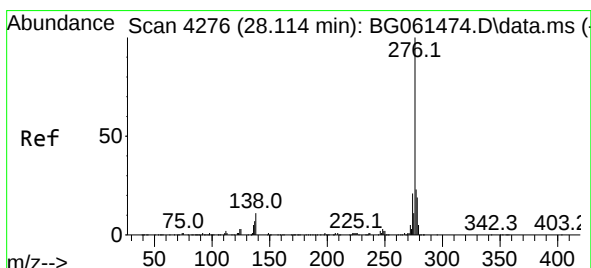
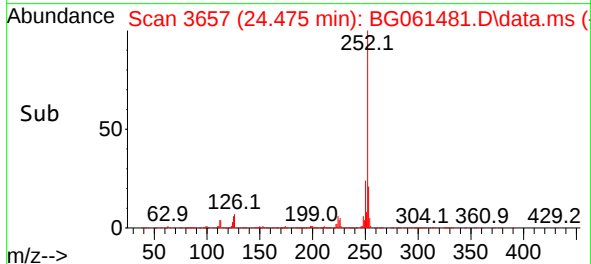
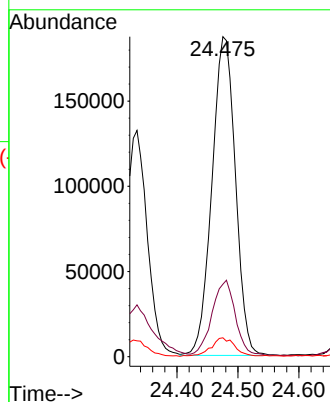
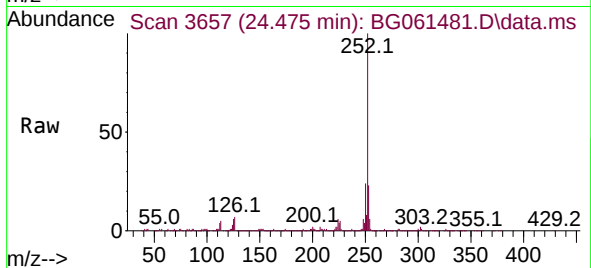
BHBP8DL

Tgt Ion:252 Resp: 501550
 Ion Ratio Lower Upper
 252 100
 253 22.6 16.4 24.6
 125 5.9 4.3 6.5

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 15.539 ng/u1

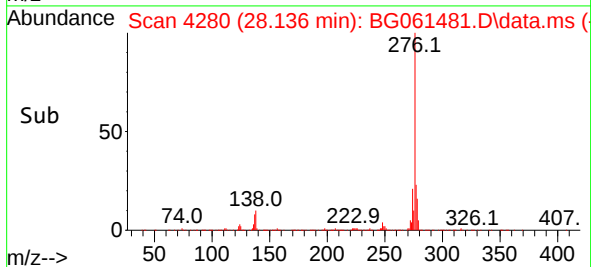
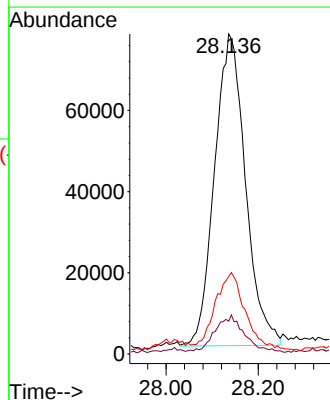
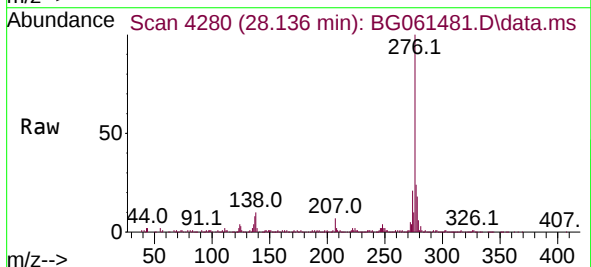
RT: 28.136 min Scan# 4280

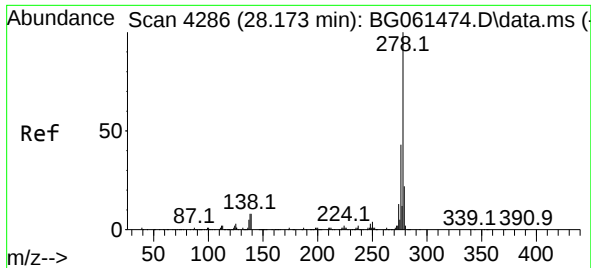
Delta R.T. 0.043 min

Lab File: BG061481.D

Acq: 5 Jun 2024 9:20

Tgt Ion:276 Resp: 357145
 Ion Ratio Lower Upper
 276 100
 138 10.2 8.6 13.0
 277 24.2 19.7 29.5





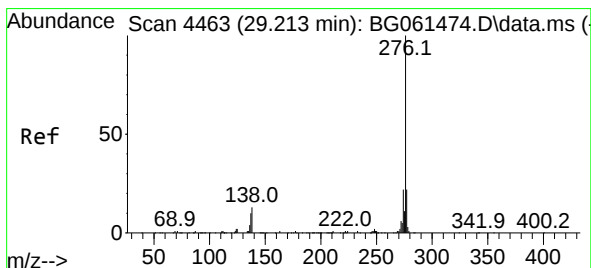
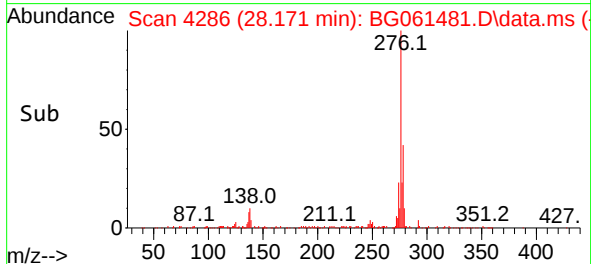
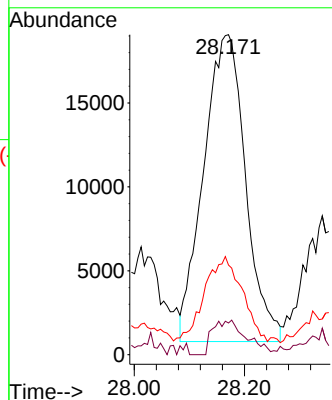
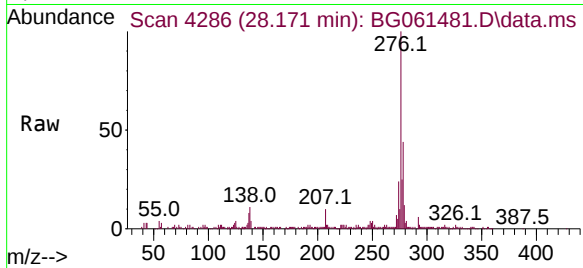
#95
Dibenzo(a,h)anthracene
Concen: 5.100 ng/ul m
RT: 28.171 min Scan# 4286
Delta R.T. 0.031 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

Instrument :
BNA_G
ClientSampleId :
BHBP8DL

Tgt Ion:278 Resp: 9664
Ion Ratio Lower Upper
278 100
139 9.9 6.4 9.6
279 28.0 19.9 29.9

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



#96
Benzo(g,h,i)perylene
Concen: 7.817 ng/ul m
RT: 29.240 min Scan# 4468
Delta R.T. 0.067 min
Lab File: BG061481.D
Acq: 5 Jun 2024 9:20

Tgt Ion:276 Resp: 142935
Ion Ratio Lower Upper
276 100
138 8.6 8.7 13.1#
277 24.0 18.2 27.2

