

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
 Data File : BP020604.D
 Acq On : 12 Jun 2024 17:29
 Operator : MA/JU
 Sample : P2812-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 12 18:25:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	251958	20.000	ng	-0.02
21) Naphthalene-d8	10.510	136	965953	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	606492	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1233571	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	1110346	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1282537	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	879819	62.521	ng	0.00
7) Phenol-d6	6.928	99	1131651	57.023	ng	0.00
23) Nitrobenzene-d5	8.899	82	702169	39.792	ng	-0.02
42) 2,4,6-Tribromophenol	15.887	330	469362	74.570	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	1662334	40.859	ng	-0.03
79) Terphenyl-d14	19.922	244	2478269	37.156	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	17.216	178	220988	3.644	ng	100
75) Fluoranthene	19.316	202	393193	5.481	ng	99
78) Pyrene	19.698	202	394723	4.726	ng	98
81) Benzo(a)anthracene	21.622	228	201444	2.755	ng	94
83) Chrysene	21.686	228	227074m	3.296	ng	
88) Benzo(b)fluoranthene	23.939	252	269777	3.376	ng	# 86
90) Benzo(a)pyrene	24.839	252	196152	2.964	ng	# 91
92) Benzo(g,h,i)perylene	29.986	276	144645	2.225	ng	# 92

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

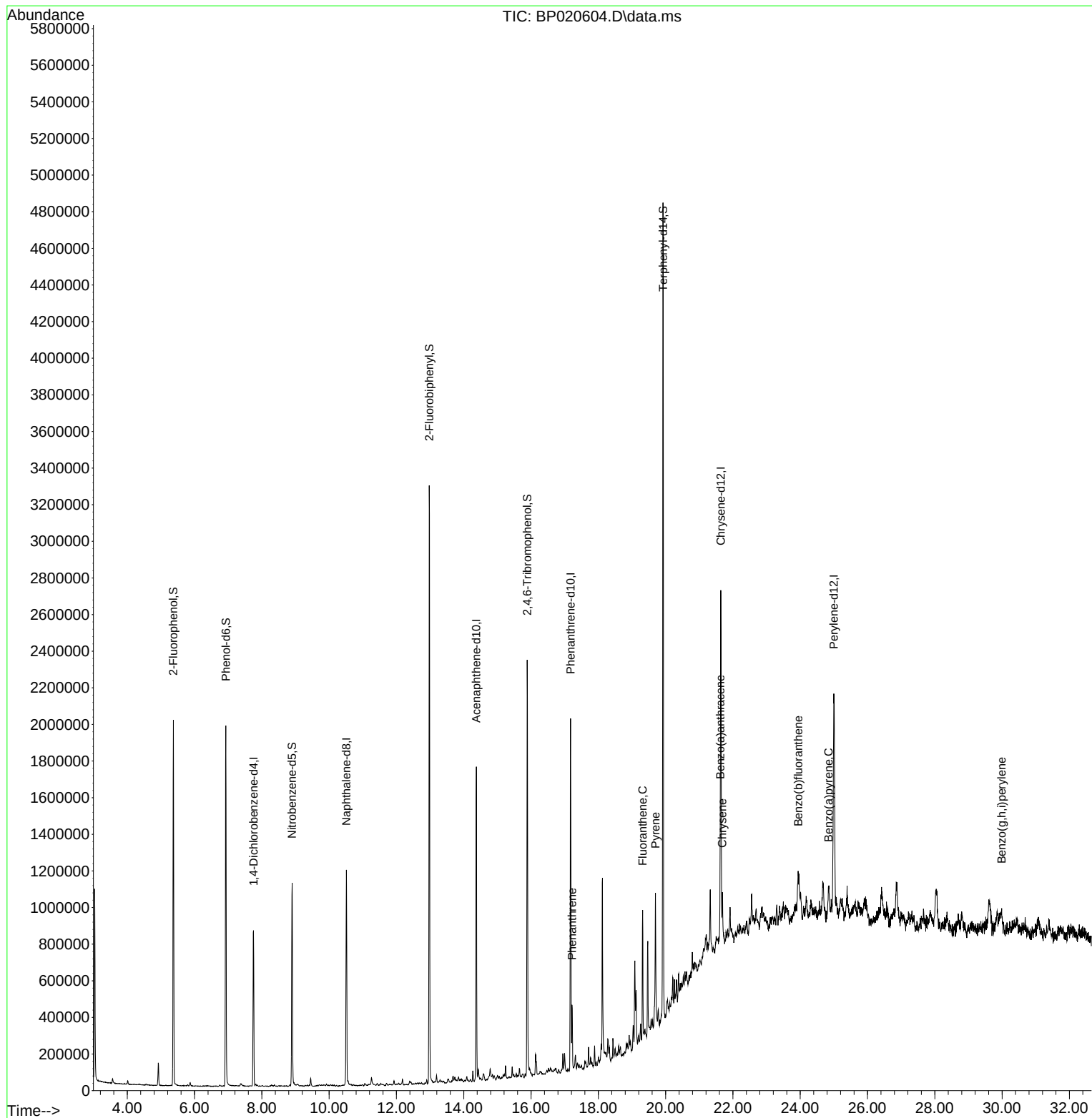
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020604.D
Acq On : 12 Jun 2024 17:29
Operator : MA/JU
Sample : P2812-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

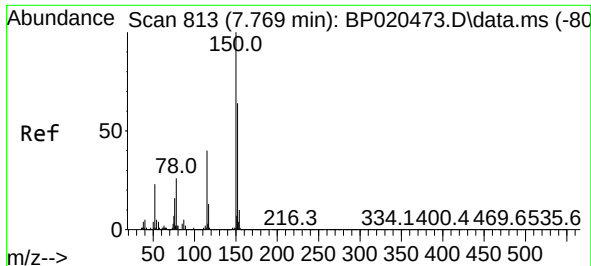
Instrument :
BNA_P
ClientSampleId :
TR-05-061024

Quant Time: Jun 12 18:25:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

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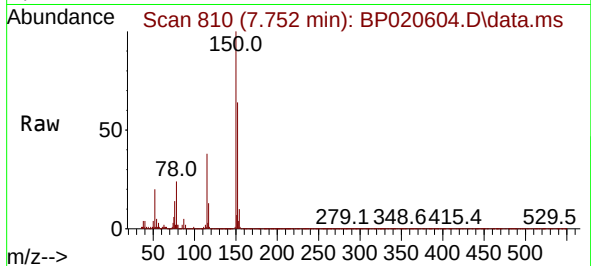
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

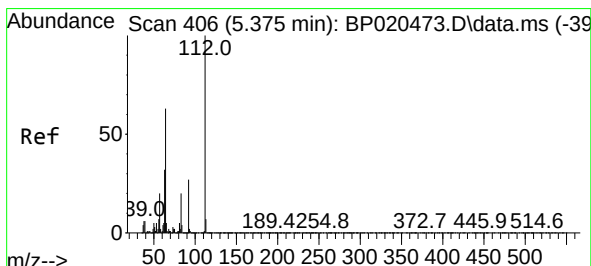
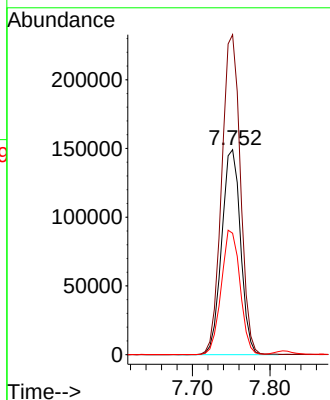
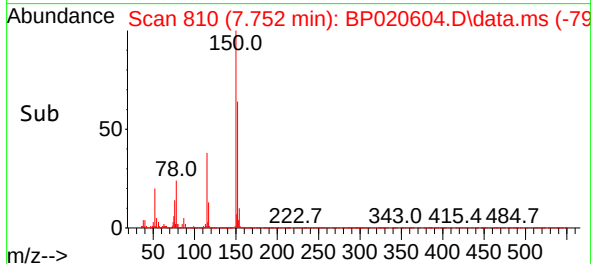
Instrument :
BNA_P
ClientSampleId :
TR-05-061024



Tgt Ion:152 Resp: 251958
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 59.2 49.5 74.3

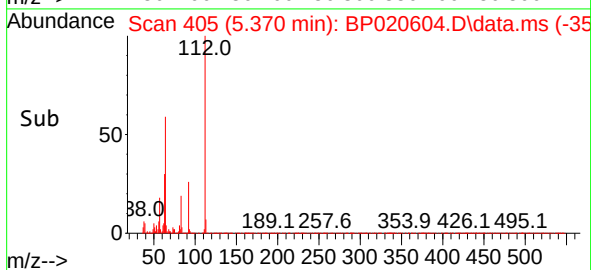
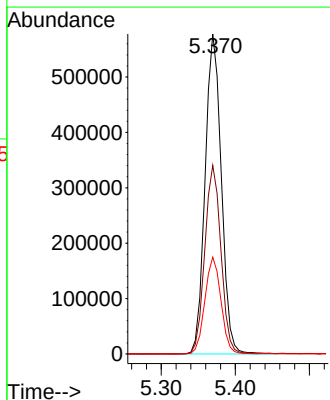
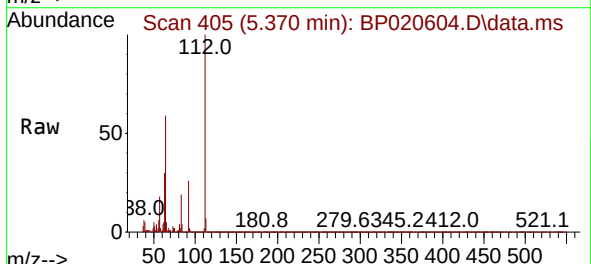
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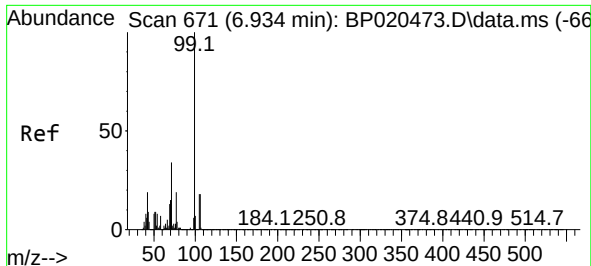
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#5
2-Fluorophenol
Concen: 62.521 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

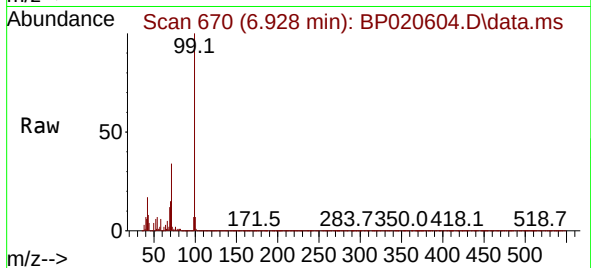
Tgt Ion:112 Resp: 879819
Ion Ratio Lower Upper
112 100
64 59.0 50.1 75.1
63 30.2 25.7 38.5





#7
Phenol-d6
Concen: 57.023 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

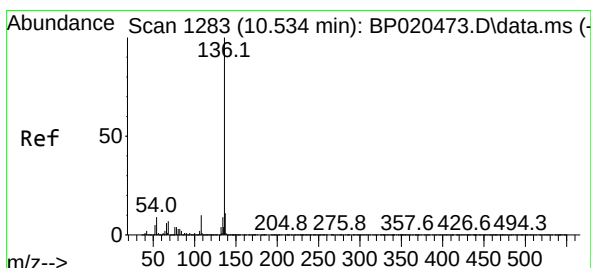
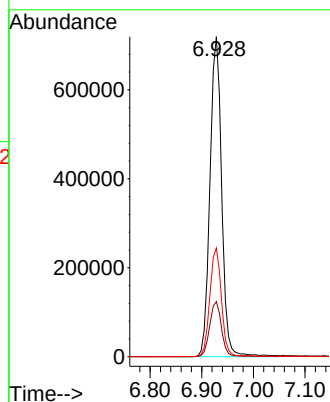
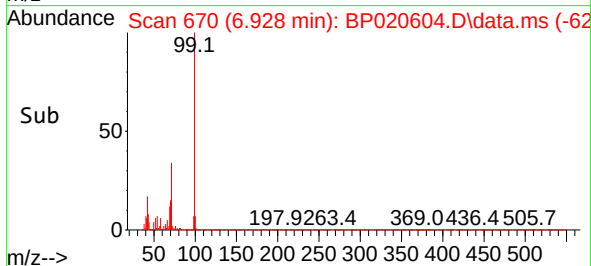
Instrument :
BNA_P
ClientSampleId :
TR-05-061024



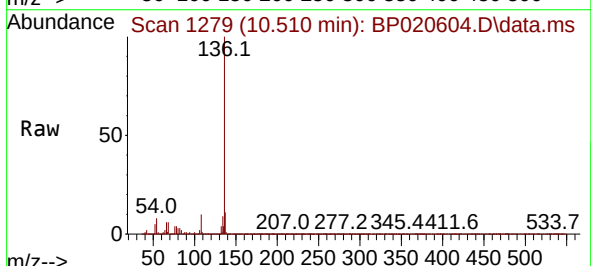
Tgt Ion: 99 Resp: 113165
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 33.9 27.3 40.9

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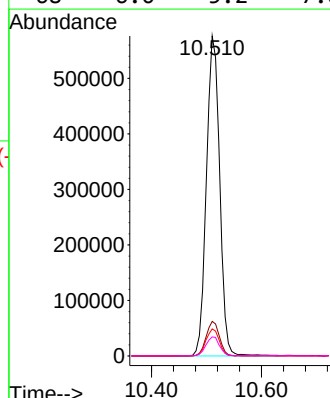
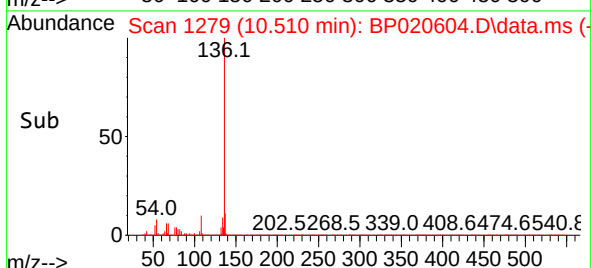
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

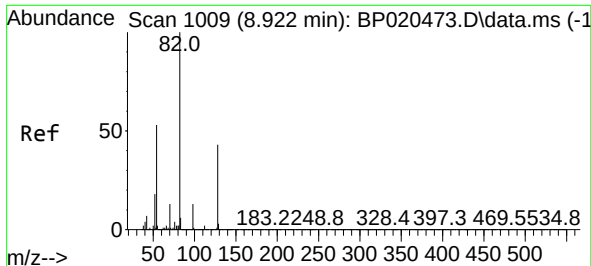


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29



Tgt Ion:136 Resp: 965953
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 7.4 11.0
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 39.792 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

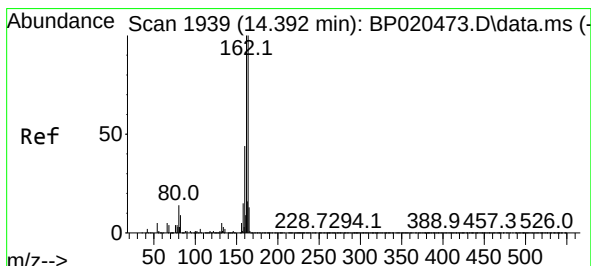
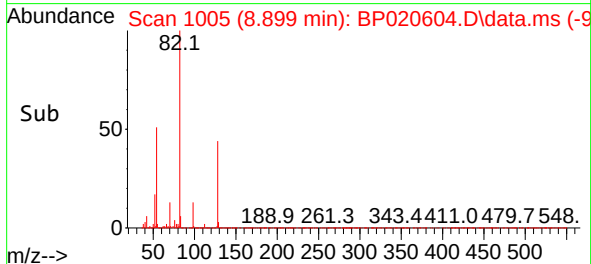
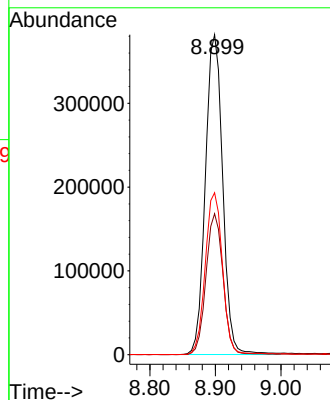
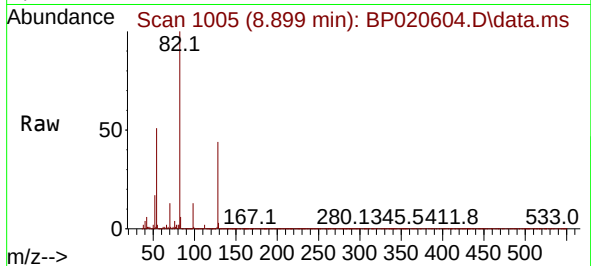
TR-05-061024

Tgt Ion: 82 Resp: 702169
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 50.6 42.7 64.1

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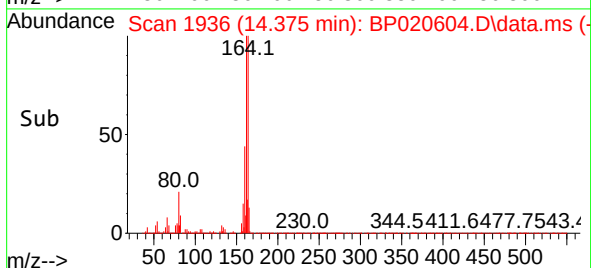
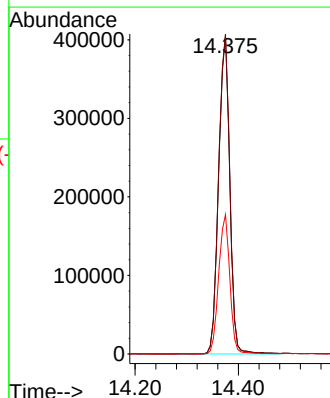
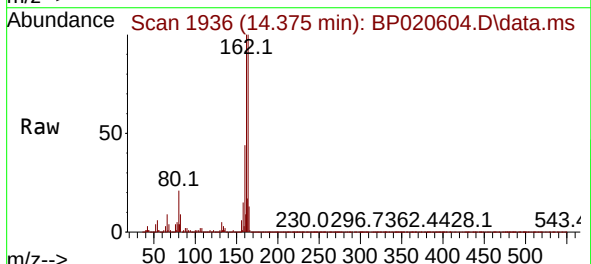
APPROVED

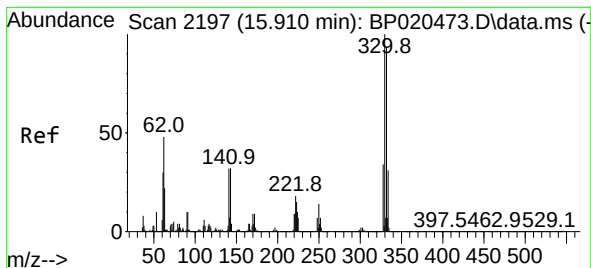
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:164 Resp: 606492
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 43.7 35.4 53.2





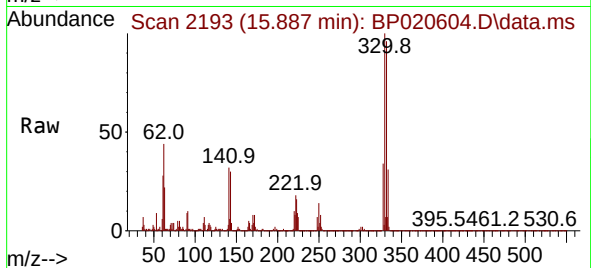
#42
2,4,6-Tribromophenol
Concen: 74.570 ng
RT: 15.887 min Scan# 2197
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

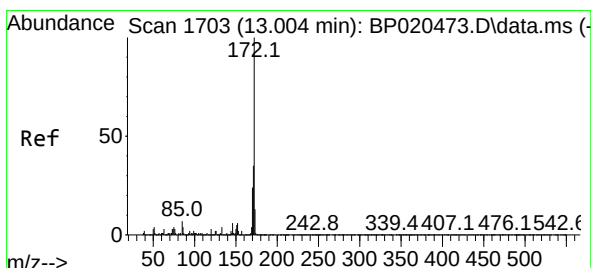
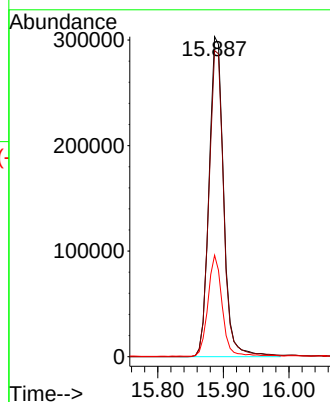
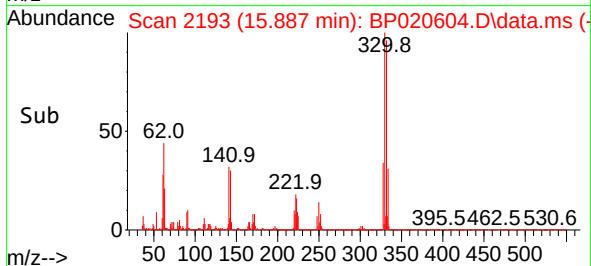


Tgt Ion:330 Resp: 469362
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 30.7 27.1 40.7

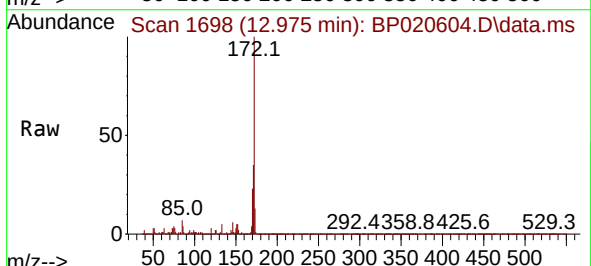
Manual Integrations

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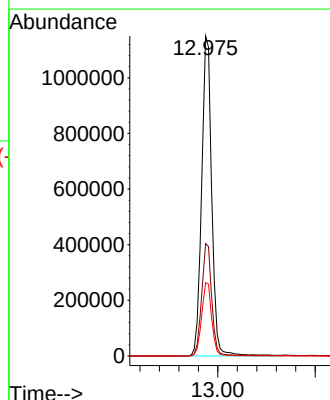
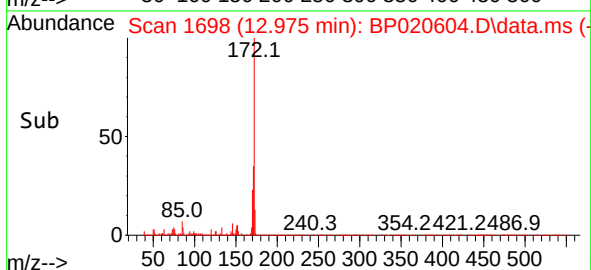
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

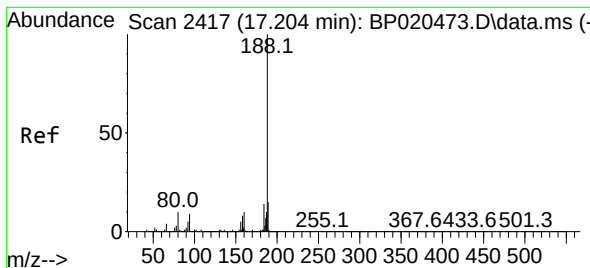


#45
2-Fluorobiphenyl
Concen: 40.859 ng
RT: 12.975 min Scan# 1698
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29



Tgt Ion:172 Resp: 1662334
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 22.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.029 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

Tgt Ion:188 Resp: 123357

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

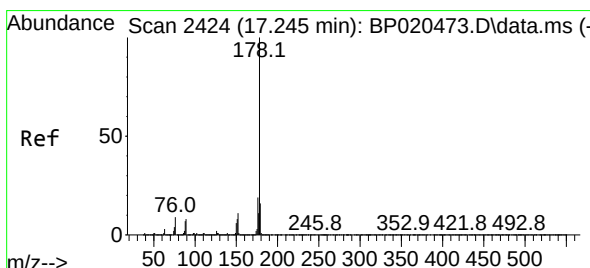
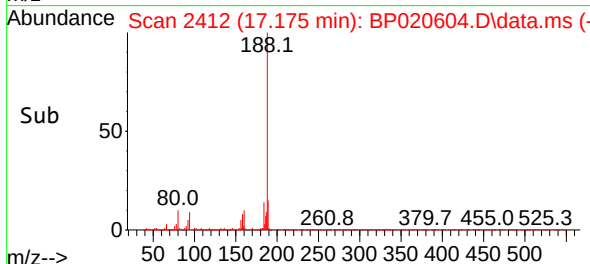
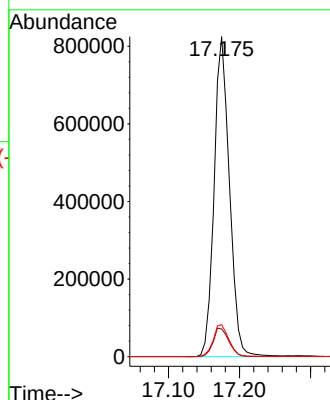
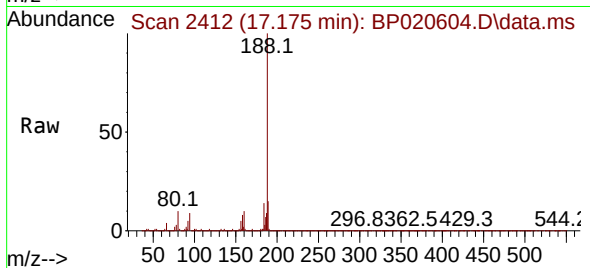
80 10.0 8.1 12.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/15/2024



#71

Phenanthrene

Concen: 3.644 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.029 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

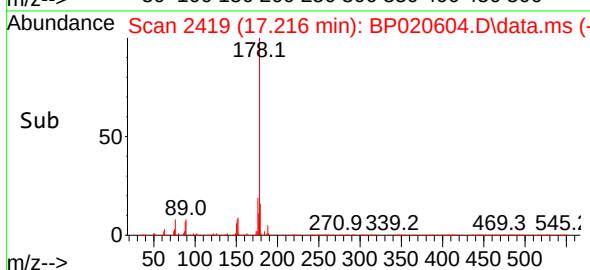
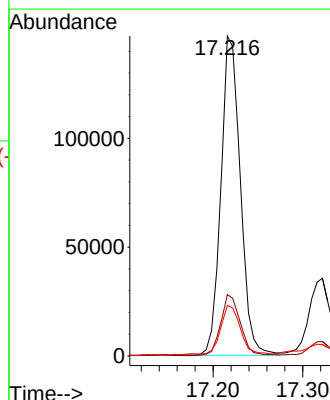
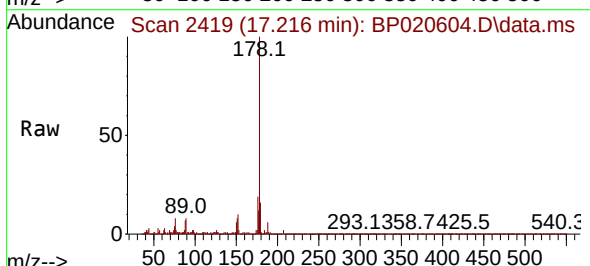
Tgt Ion:178 Resp: 220988

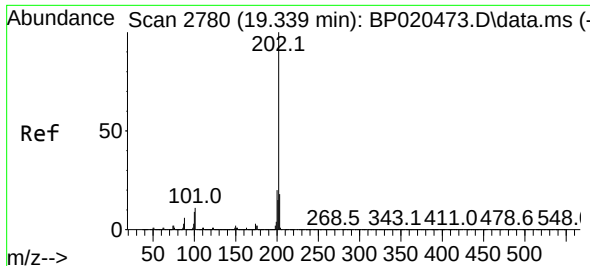
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.8 12.5 18.7





#75
Fluoranthene
Concen: 5.481 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

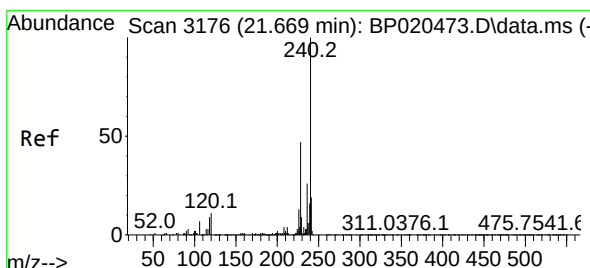
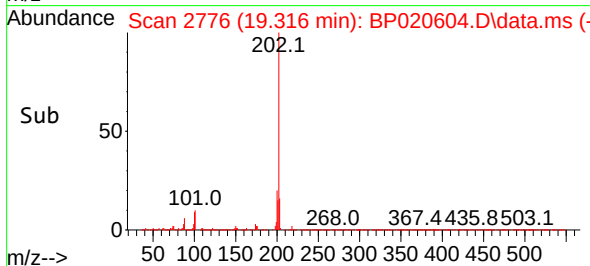
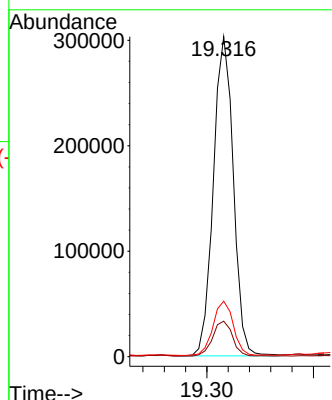
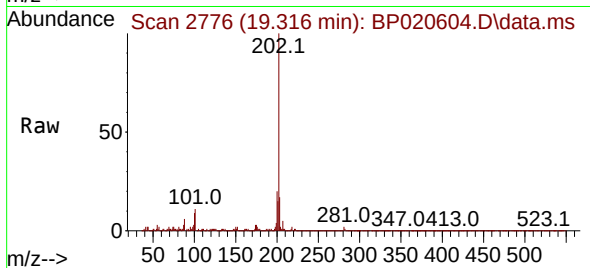
TR-05-061024

Tgt Ion:202 Resp: 39319
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.3 0.0 37.7

Manual Integrations

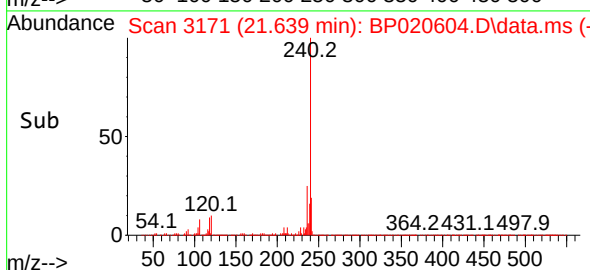
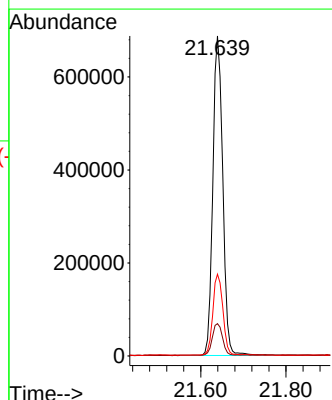
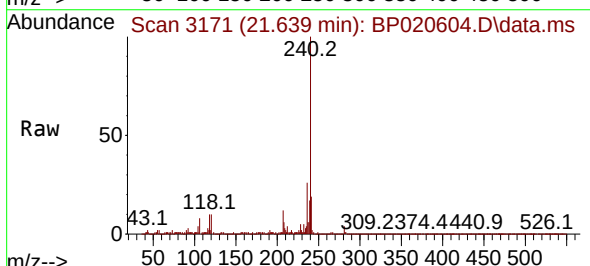
APPROVED

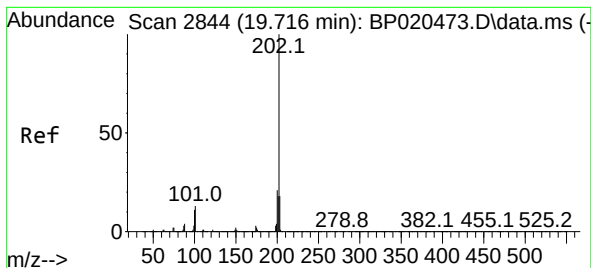
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020604.D
Acq: 12 Jun 2024 17:29

Tgt Ion:240 Resp: 1110346
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.6 20.5 30.7





#78

Pyrene

Concen: 4.726 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

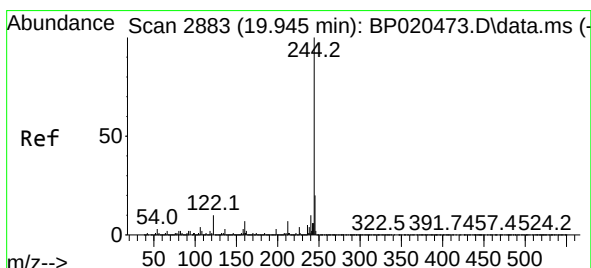
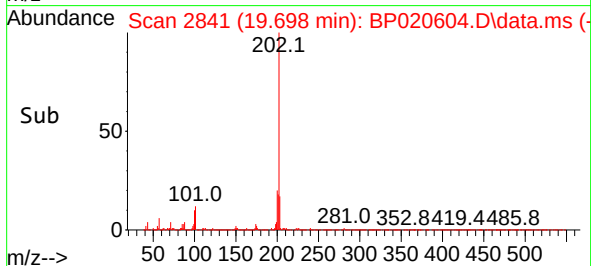
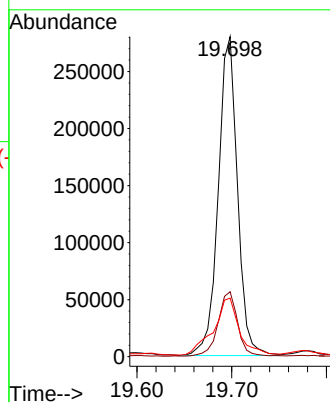
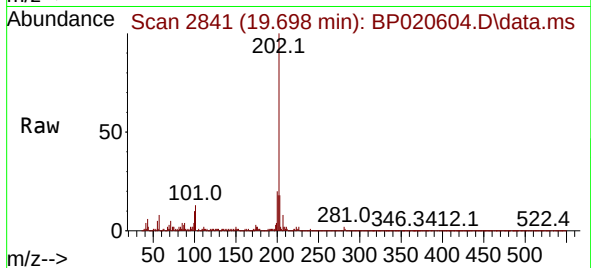
TR-05-061024

Tgt Ion:	202	Resp:	39472
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.9	25.3
203	18.3	14.1	21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 37.156 ng

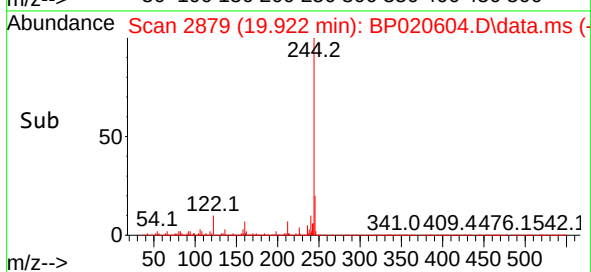
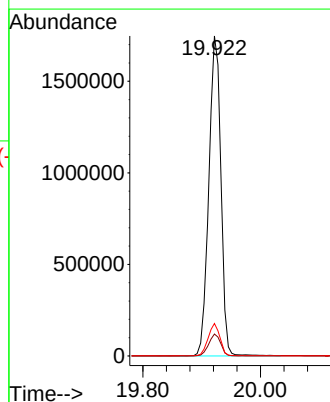
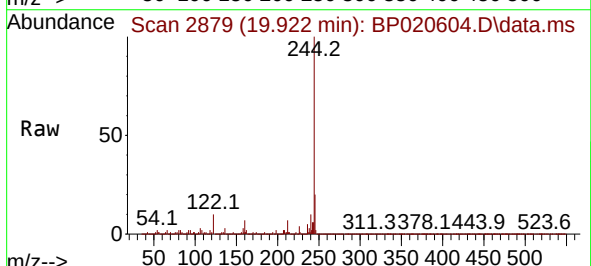
RT: 19.922 min Scan# 2879

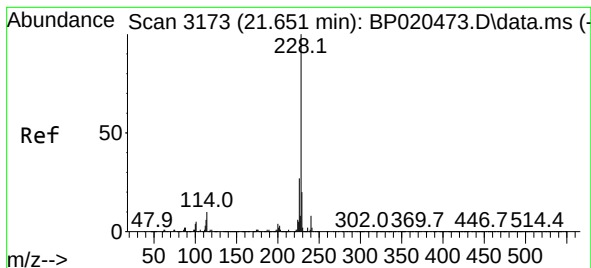
Delta R.T. -0.023 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Tgt Ion:	244	Resp:	2478269
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	10.1	8.2	12.2





#81

Benzo(a)anthracene

Concen: 2.755 ng

RT: 21.622 min Scan# 3179

Delta R.T. -0.029 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

Tgt Ion:228 Resp: 20144

Ion Ratio Lower Upper

228 100

226 29.8 21.7 32.5

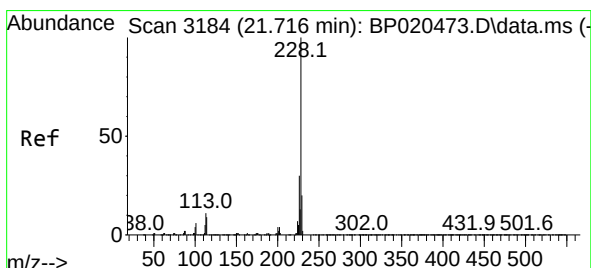
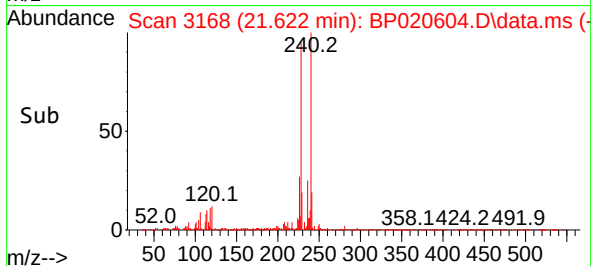
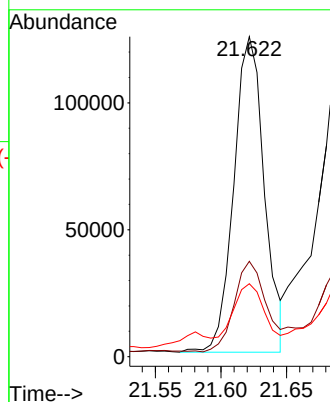
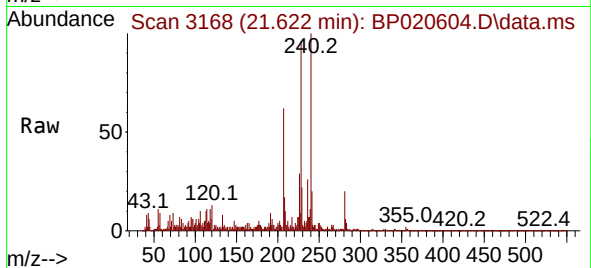
229 22.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/15/2024



#83

Chrysene

Concen: 3.296 ng m

RT: 21.686 min Scan# 3179

Delta R.T. -0.029 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

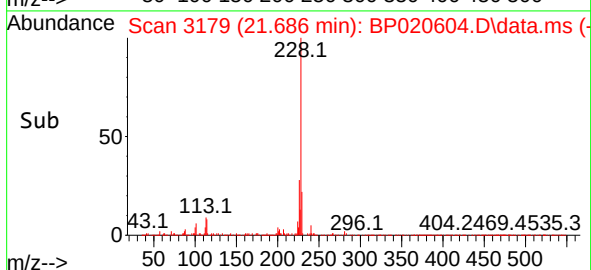
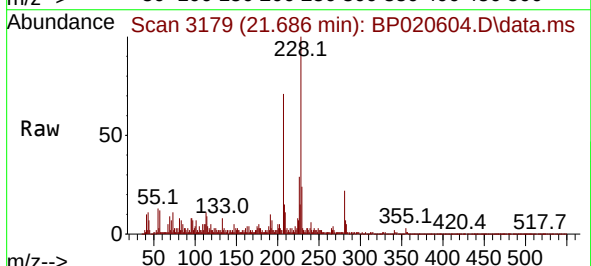
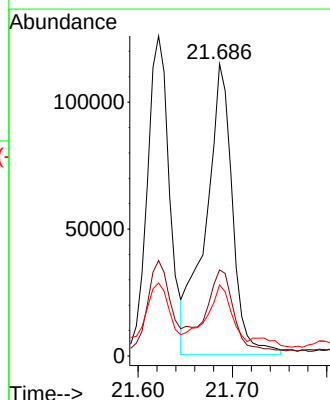
Tgt Ion:228 Resp: 227074

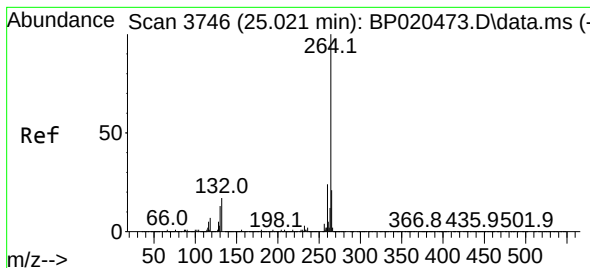
Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 24.3 15.7 23.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

TR-05-061024

Tgt Ion:264 Resp: 128253

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

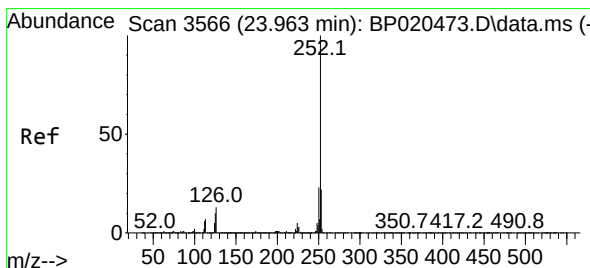
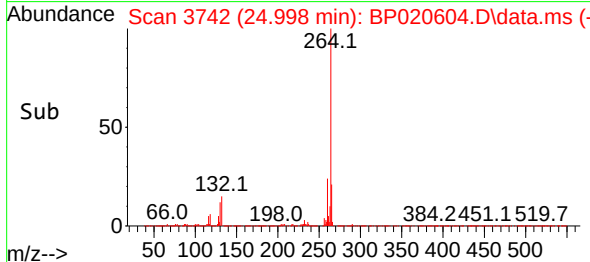
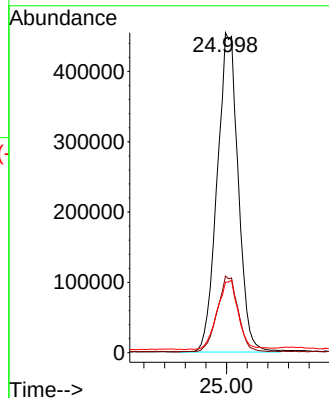
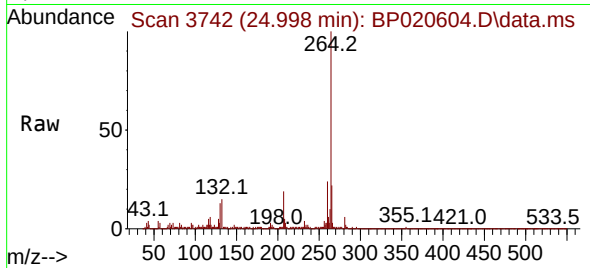
265 22.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/15/2024



#88

Benzo(b)fluoranthene

Concen: 3.376 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.023 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

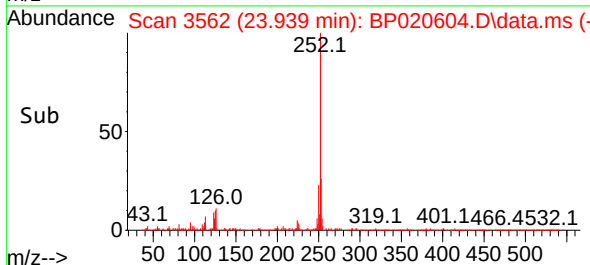
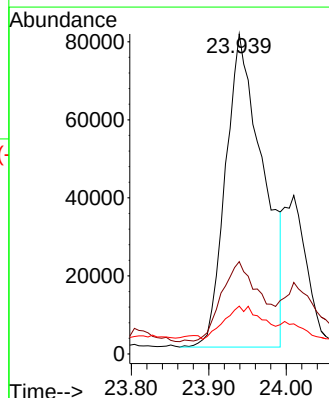
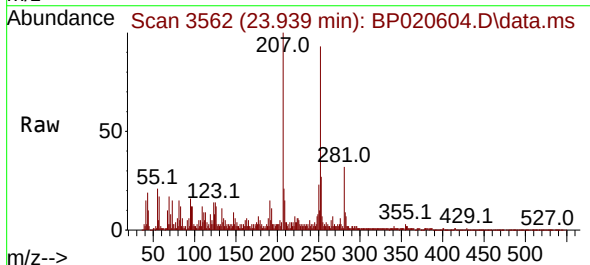
Tgt Ion:252 Resp: 269777

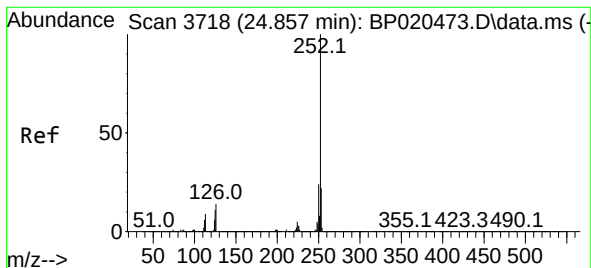
Ion Ratio Lower Upper

252 100

253 28.8 17.6 26.4#

125 15.0 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.964 ng

RT: 24.839 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Instrument :

BNA_P

ClientSampleId :

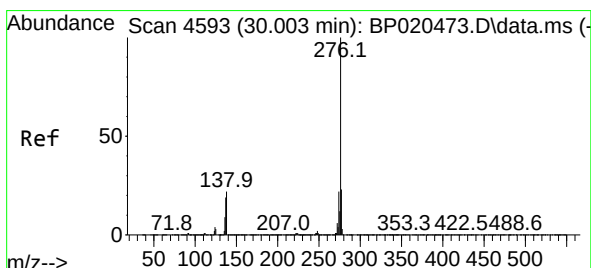
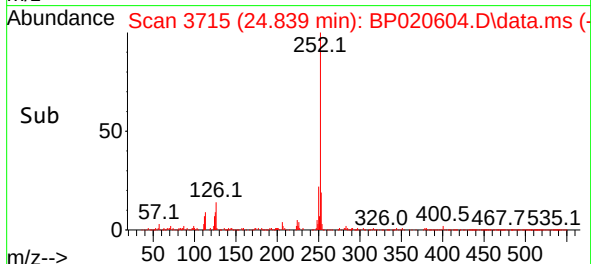
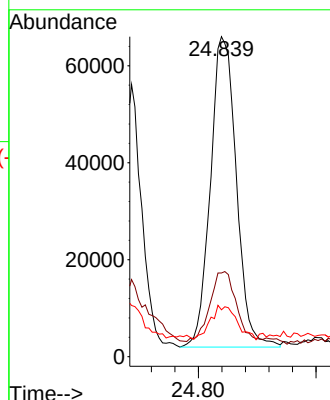
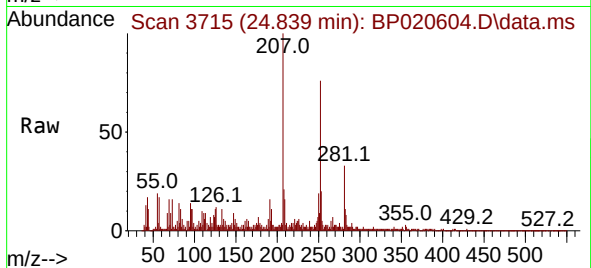
TR-05-061024

Tgt Ion:	252	Resp:	19615
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.4	26.2
125	14.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#92

Benzo(g,h,i)perylene

Concen: 2.225 ng

RT: 29.986 min Scan# 4590

Delta R.T. -0.018 min

Lab File: BP020604.D

Acq: 12 Jun 2024 17:29

Tgt Ion:	276	Resp:	144645
Ion Ratio	Lower	Upper	
276	100		
277	29.7	18.7	28.1
138	23.6	17.7	26.5

