

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020532.D
 Acq On : 06 Jun 2024 01:41
 Operator : MA/JU
 Sample : P2668-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:24:25 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	7.769	152	299344	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1164966	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	754260	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1454732m	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1383425	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1606710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1333079	79.735	ng	0.00
7) Phenol-d6	6.934	99	1715753	72.770	ng	0.00
23) Nitrobenzene-d5	8.916	82	1078076	50.657	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	732706	93.604	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2415212	47.734	ng	0.00
79) Terphenyl-d14	19.927	244	3594989	43.260	ng	-0.02
Target Compounds						Qvalue
52) Acenaphthene	14.457	154	169588	4.282	ng	99
58) Fluorene	15.457	166	145548	2.890	ng	100
71) Phenanthrene	17.245	178	1727921	24.163	ng	96
72) Anthracene	17.339	178	579825	8.263	ng	98
73) Carbazole	17.616	167	237881	3.505	ng	98
75) Fluoranthene	19.339	202	4733912	55.956	ng	99
78) Pyrene	19.710	202	4142650	39.811	ng	100
81) Benzo(a)anthracene	21.627	228	2256234	24.769	ng	99
83) Chrysene	21.698	228	1987122	23.151	ng	97
84) Bis(2-ethylhexyl)phtha...	21.586	149	182708m	3.085	ng	
87) Indeno(1,2,3-cd)pyrene	28.827	276	1533115	15.692	ng	# 90
88) Benzo(b)fluoranthene	23.951	252	2813996	28.113	ng	100
89) Benzo(k)fluoranthene	24.021	252	930262	9.529	ng	97
90) Benzo(a)pyrene	24.851	252	2118571	25.557	ng	98
91) Dibenzo(a,h)anthracene	28.909	278	344342	4.225	ng	94
92) Benzo(g,h,i)perylene	30.015	276	1596548	19.600	ng	98

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

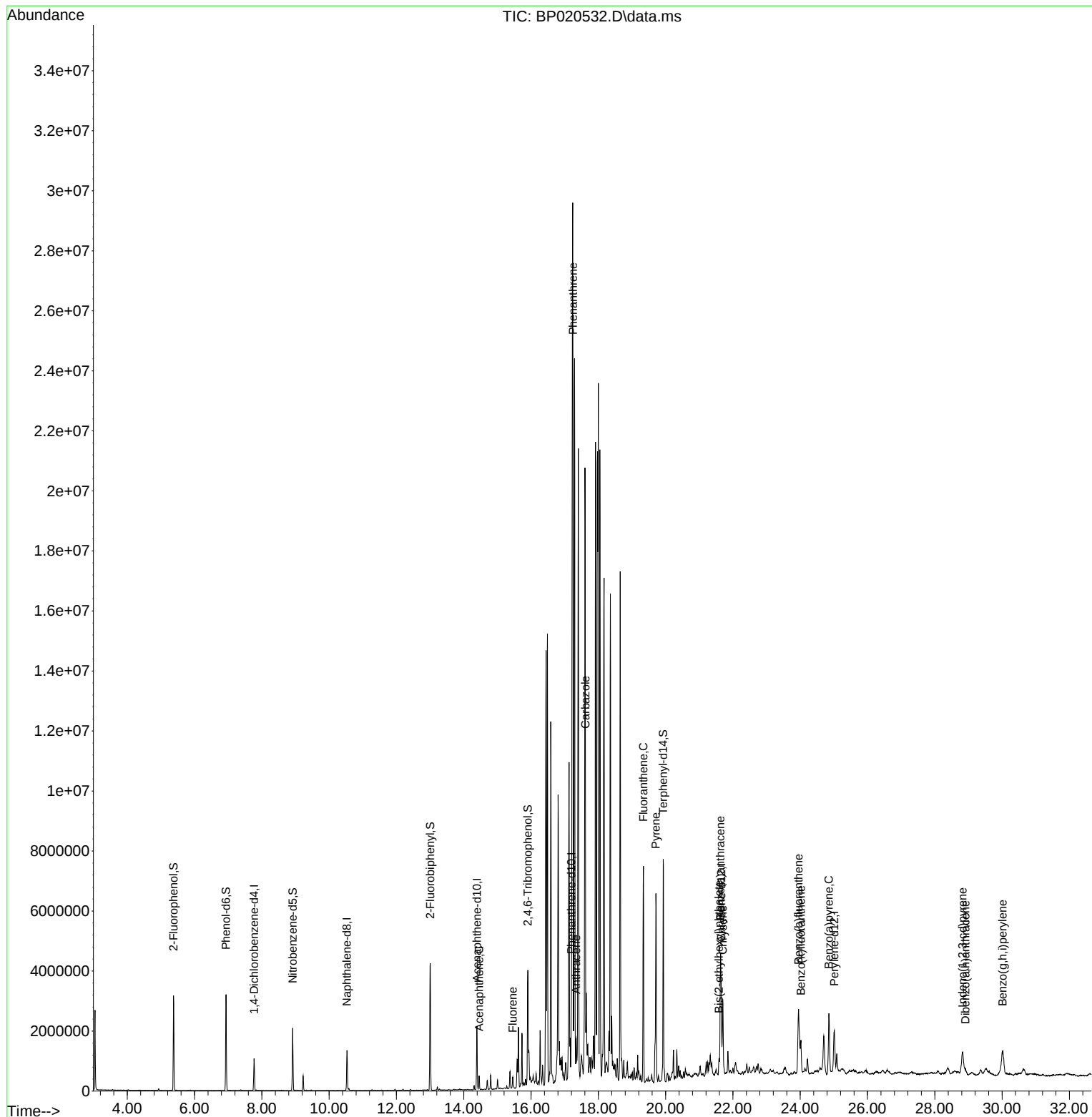
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020532.D
Acq On : 06 Jun 2024 01:41
Operator : MA/JU
Sample : P2668-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

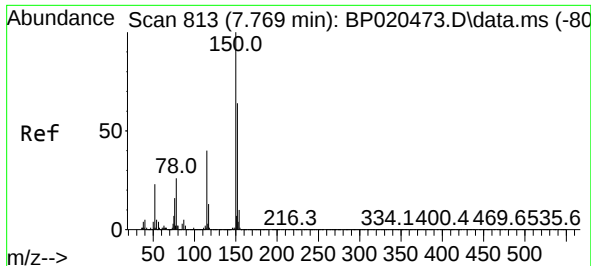
Instrument :
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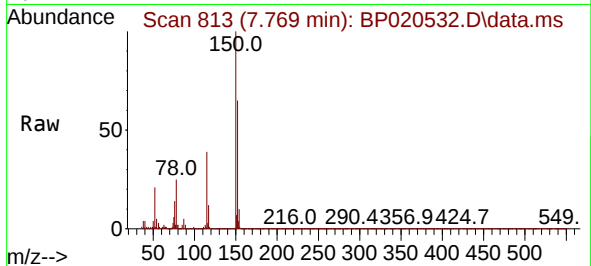
Quant Time: Jun 06 02:24:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

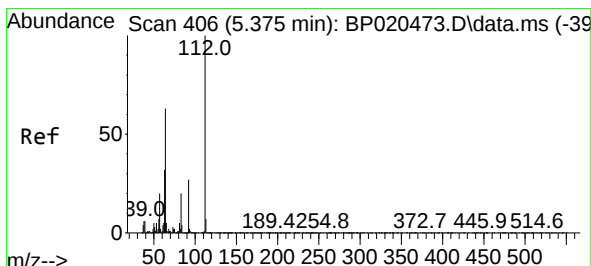
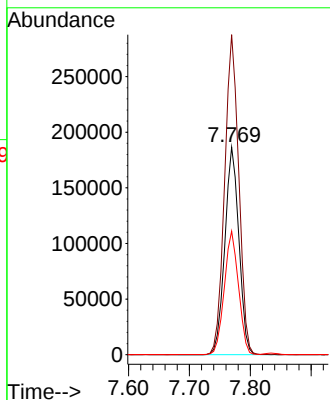
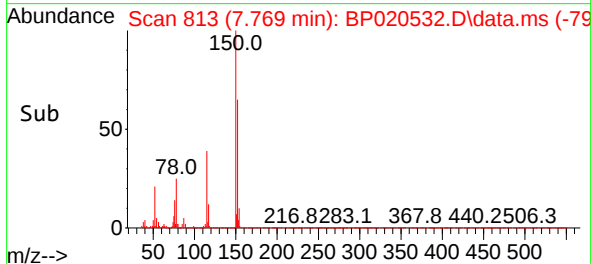
Instrument :
BNA_P
Client SampleId :
WC-TP-1



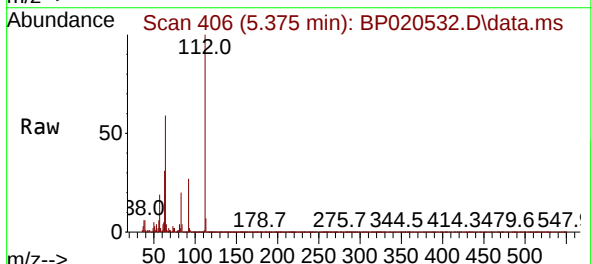
Tgt Ion:152 Resp: 299344
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 59.5 49.5 74.3

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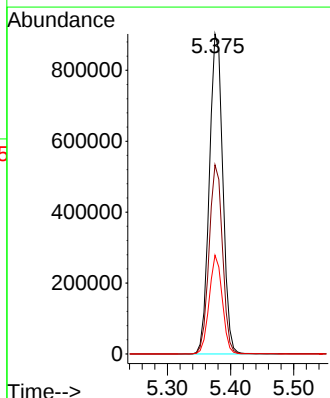
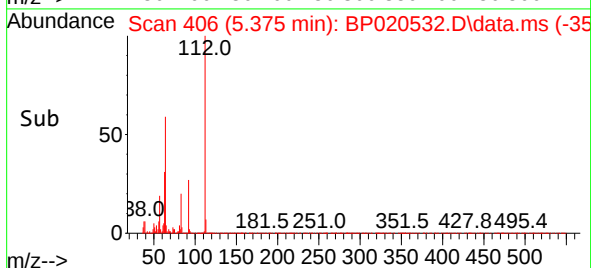
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

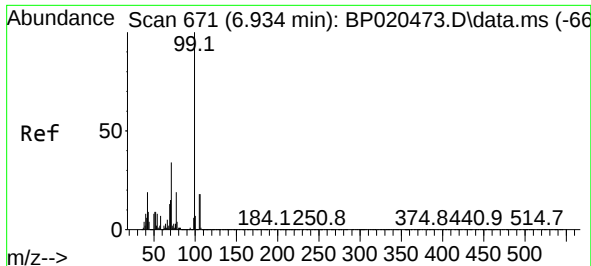


#5
2-Fluorophenol
Concen: 79.735 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41



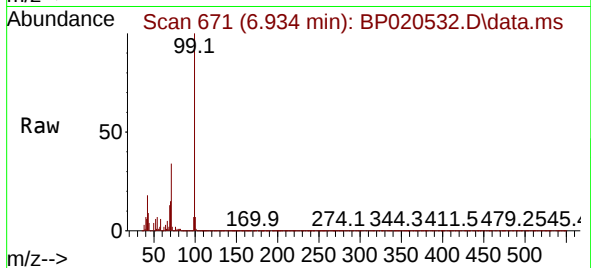
Tgt Ion:112 Resp: 1333079
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.9 25.7 38.5





#7
Phenol-d6
Concen: 72.770 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

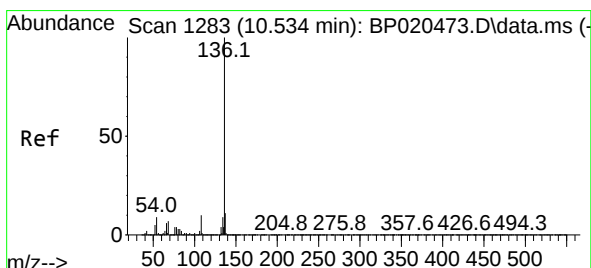
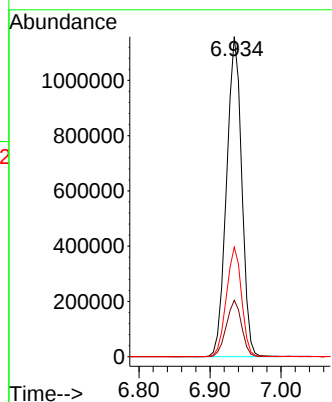
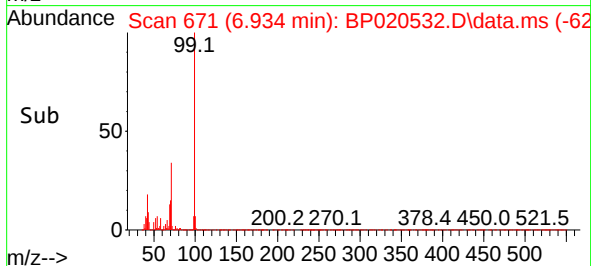
Instrument :
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ClientSampleId :
WC-TP-1



Tgt Ion: 99 Resp: 171575
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.3 27.3 40.9

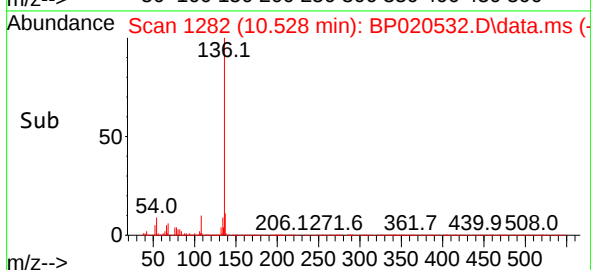
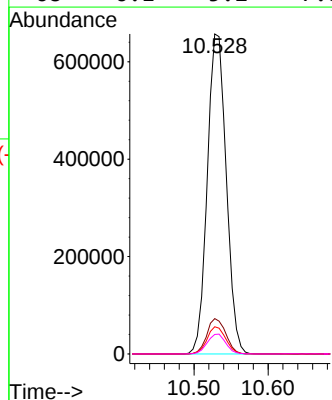
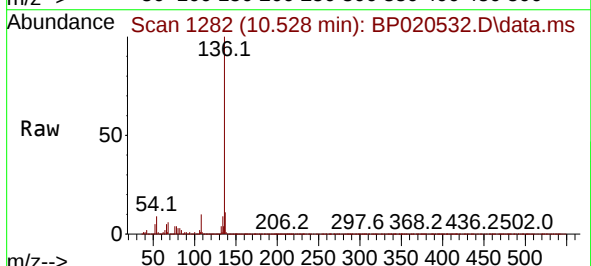
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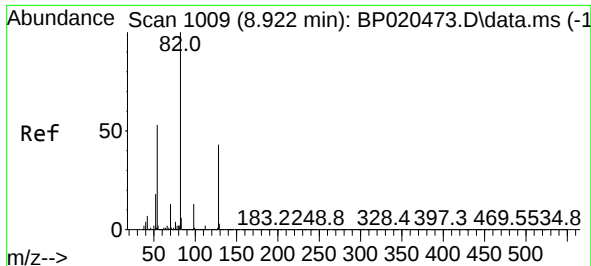
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:136 Resp: 1164966
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.5 7.4 11.0
68 6.1 5.2 7.8





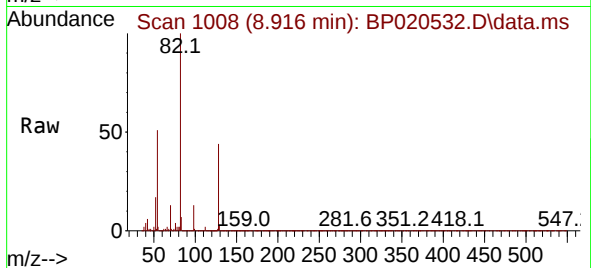
#23
Nitrobenzene-d5
Concen: 50.657 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

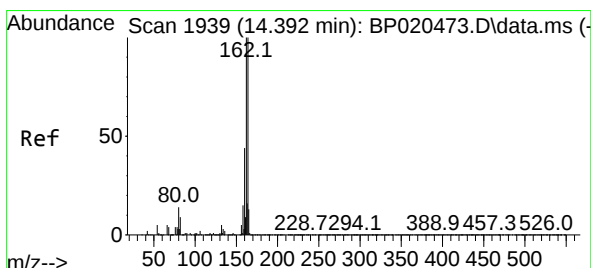
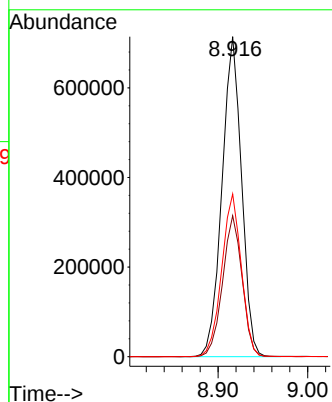
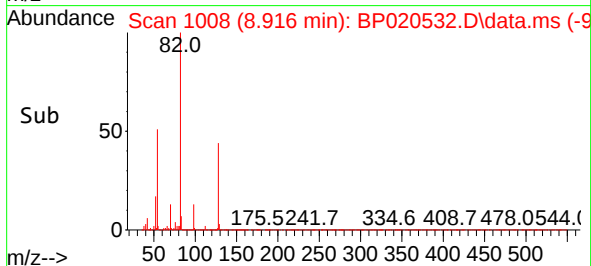


Tgt Ion: 82 Resp: 1078070
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 50.8 42.7 64.1

Manual Integrations

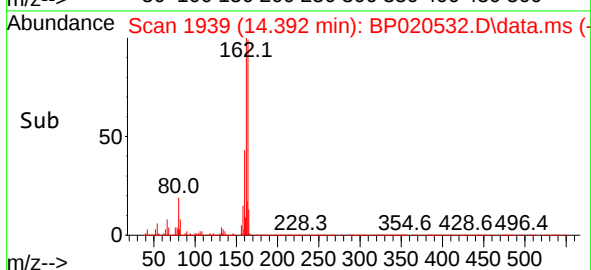
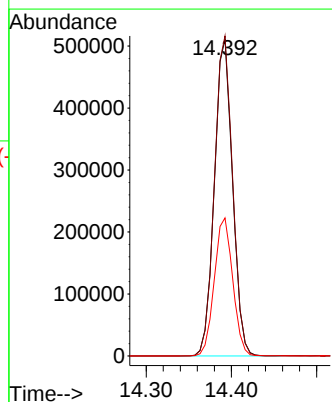
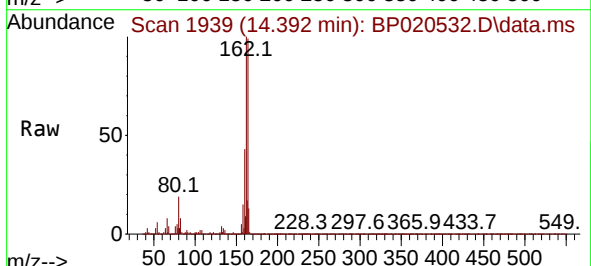
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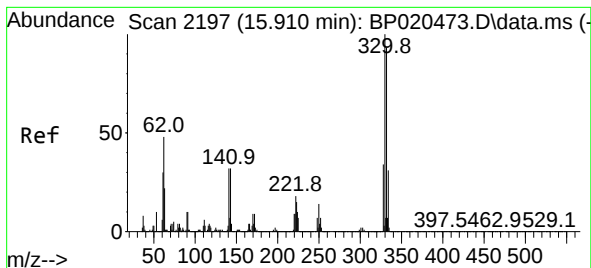
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:164 Resp: 754260
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 93.604 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:330 Resp: 732700

Ion Ratio Lower Upper

330 100

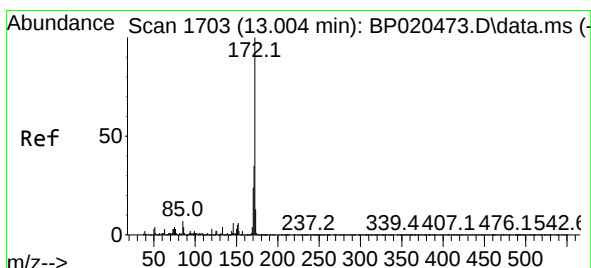
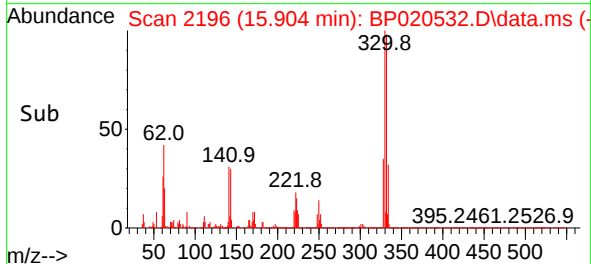
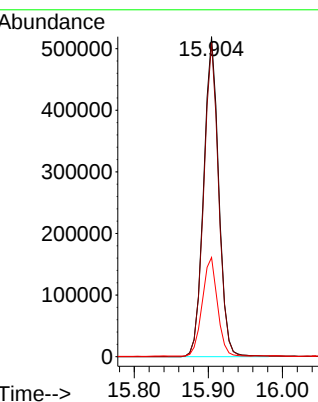
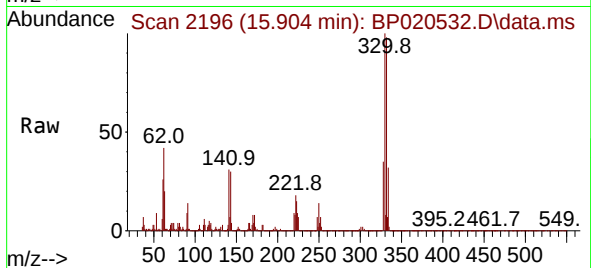
332 97.1 76.6 114.8

141 31.0 27.1 40.7

Manual Integrations

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#45

2-Fluorobiphenyl

Concen: 47.734 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

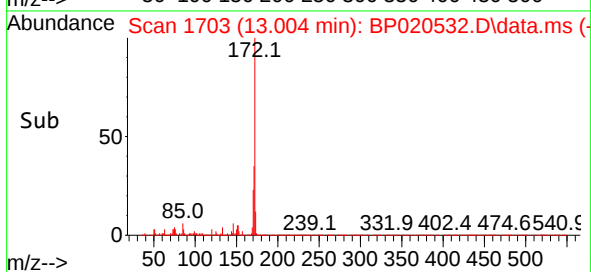
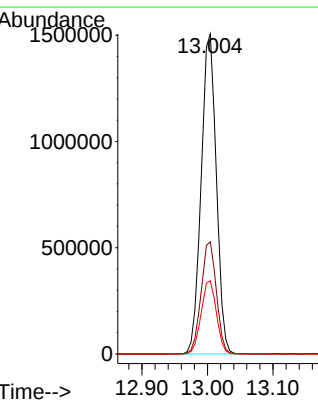
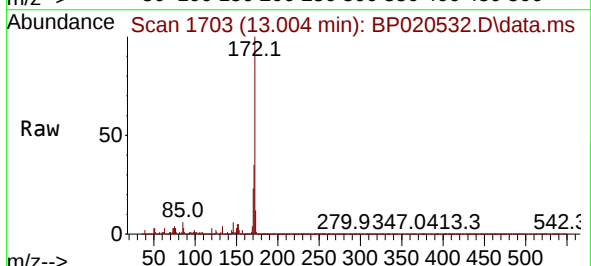
Tgt Ion:172 Resp: 2415212

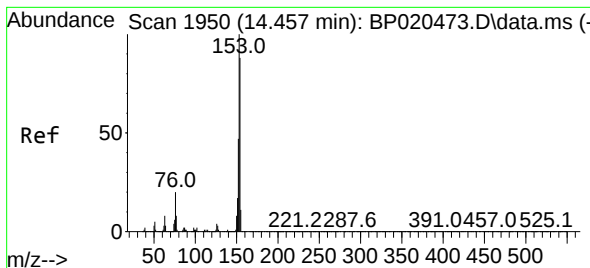
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 22.9 18.9 28.3





#52

Acenaphthene

Concen: 4.282 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:154 Resp: 16958

Ion Ratio Lower Upper

154 100

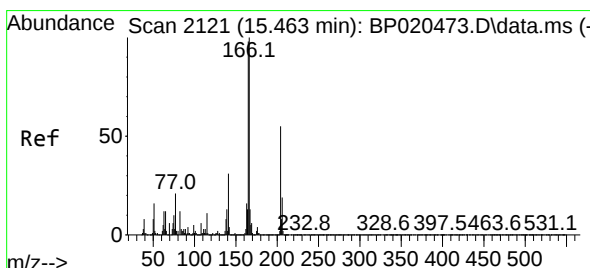
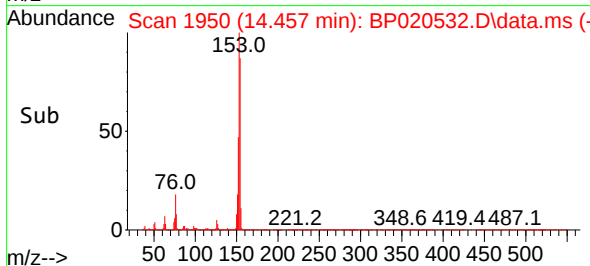
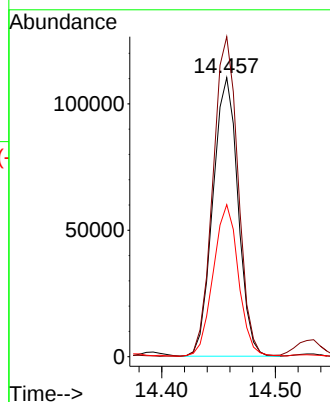
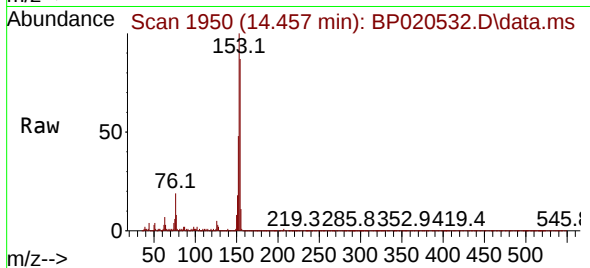
153 114.7 90.6 136.0

152 54.5 42.6 63.8

Manual Integrations

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#58

Fluorene

Concen: 2.890 ng

RT: 15.457 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

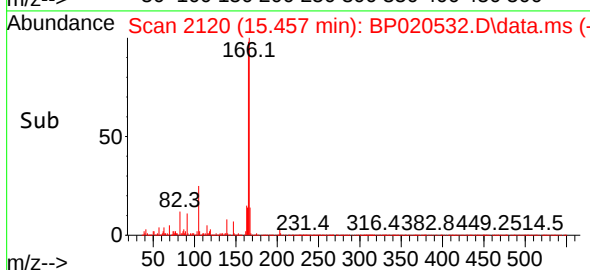
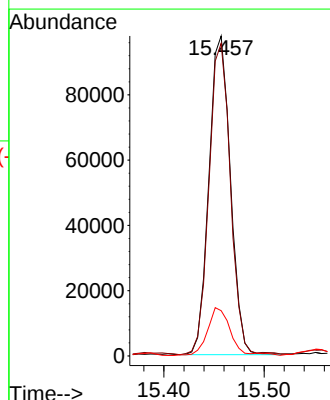
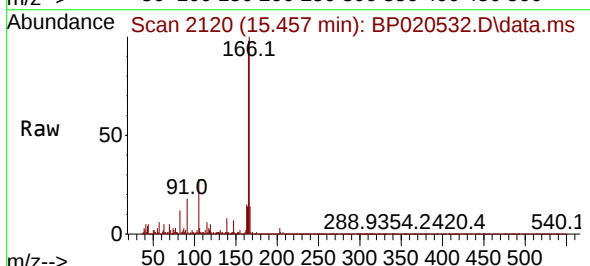
Tgt Ion:166 Resp: 145548

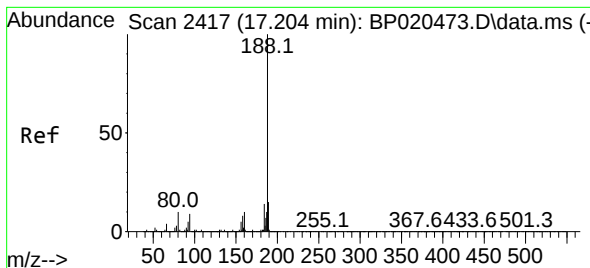
Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.4

167 14.2 10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng m

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:188 Resp: 145473

Ion Ratio Lower Upper

188 100

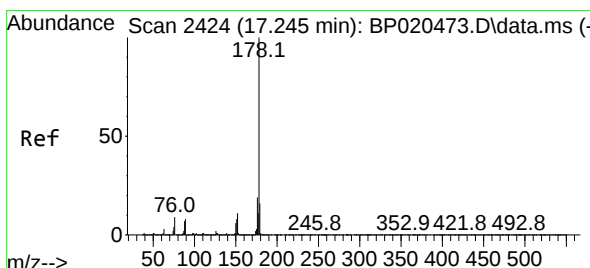
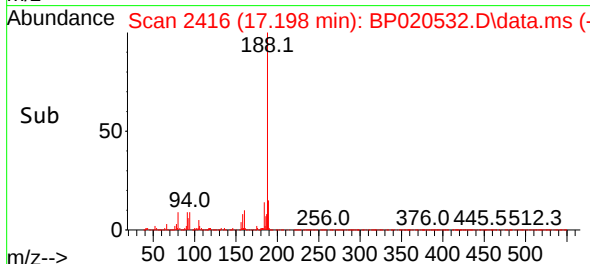
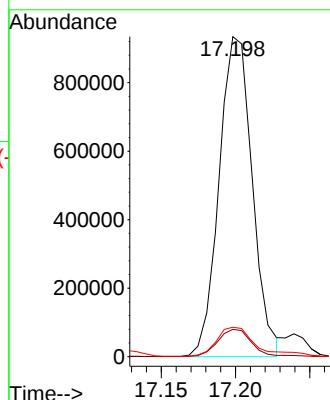
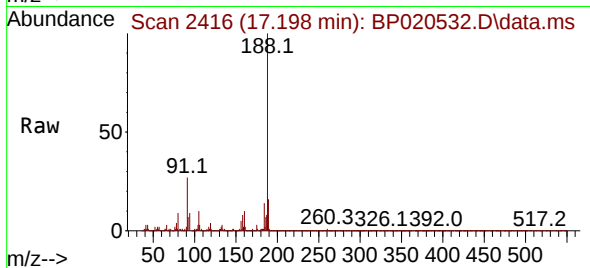
94 8.6 7.2 10.8

80 9.2 8.1 12.1

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#71

Phenanthrene

Concen: 24.163 ng

RT: 17.245 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

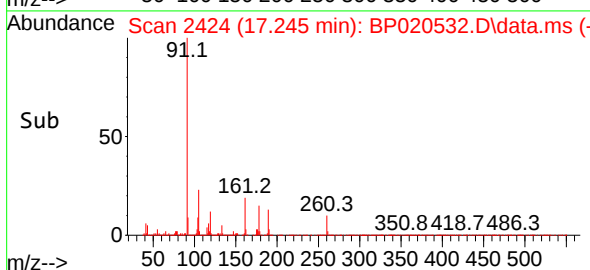
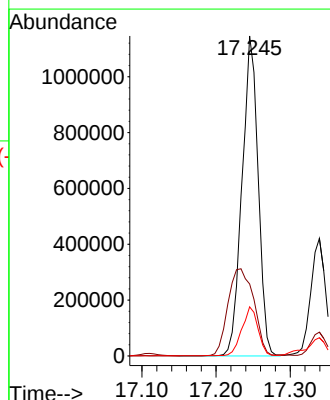
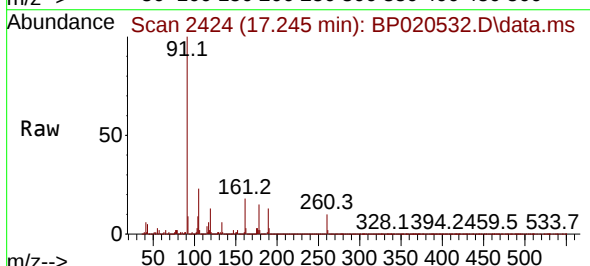
Tgt Ion:178 Resp: 1727921

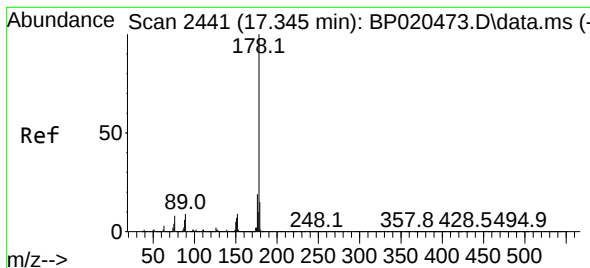
Ion Ratio Lower Upper

178 100

176 22.5 15.4 23.2

179 15.4 12.5 18.7





#72

Anthracene

Concen: 8.263 ng

RT: 17.339 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:178 Resp: 579825

Ion Ratio Lower Upper

178 100

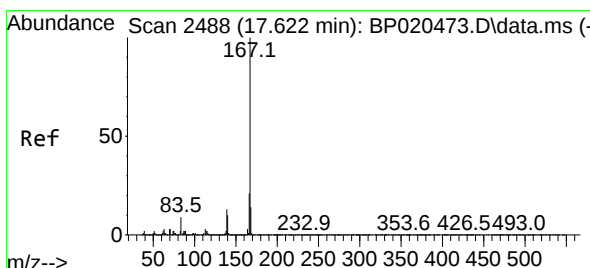
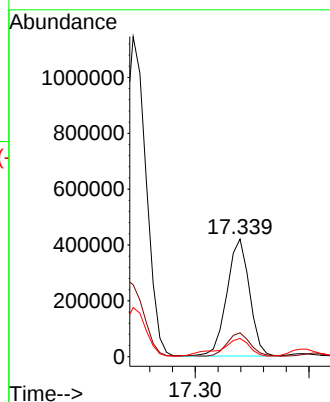
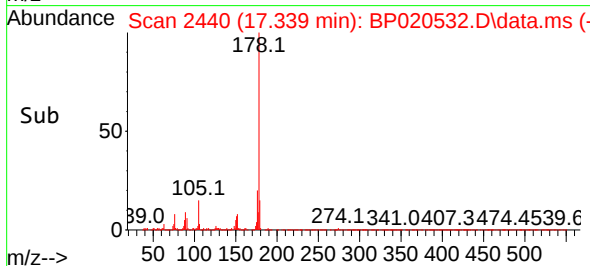
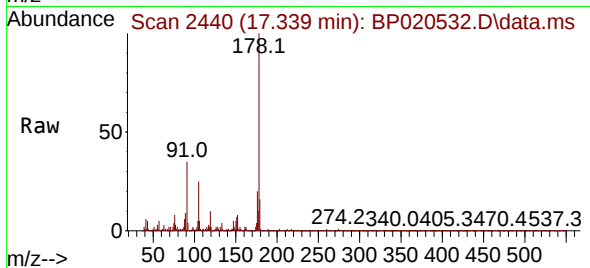
176 20.3 14.8 22.2

179 15.5 12.2 18.4

Manual Integrations

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#73

Carbazole

Concen: 3.505 ng

RT: 17.616 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

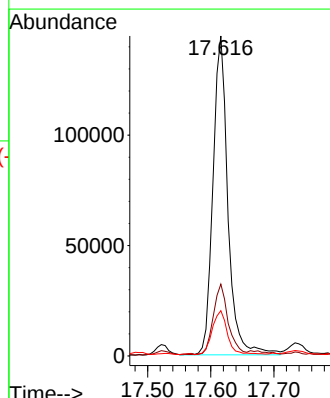
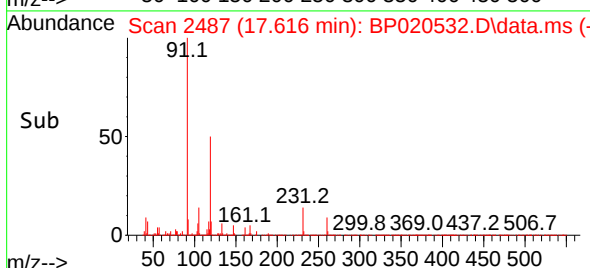
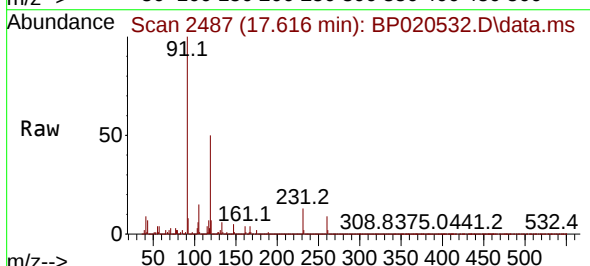
Tgt Ion:167 Resp: 237881

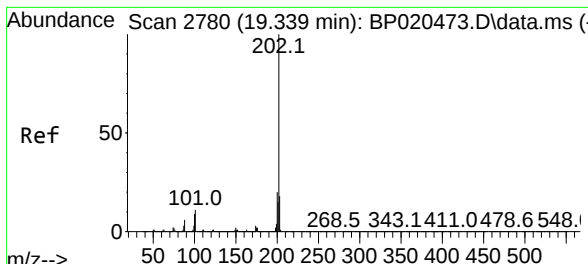
Ion Ratio Lower Upper

167 100

166 22.5 17.1 25.7

139 14.1 10.5 15.7





#75
 Fluoranthene
 Concen: 55.956 ng
 RT: 19.339 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP020532.D
 Acq: 06 Jun 2024 01:41

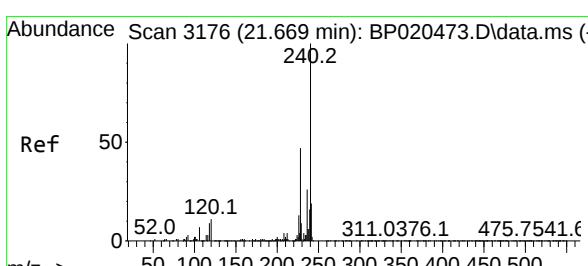
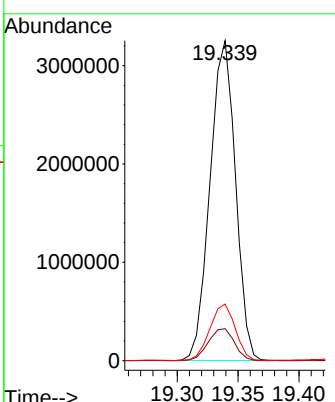
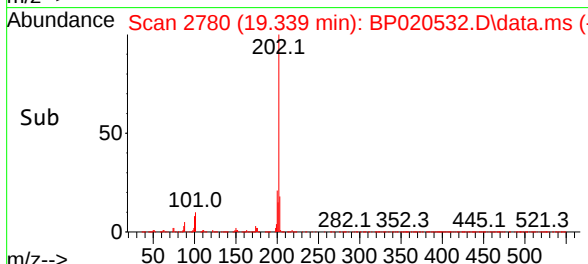
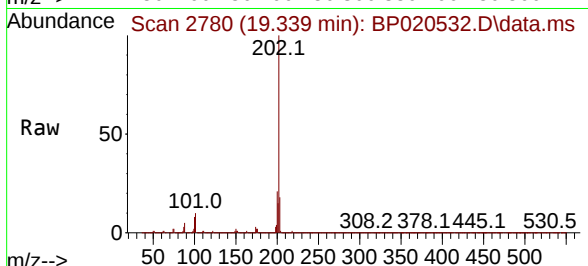
Instrument : BNA_P
 ClientSampleId : WC-TP-1

Tgt Ion: 202 Resp: 473391

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
 APPROVED

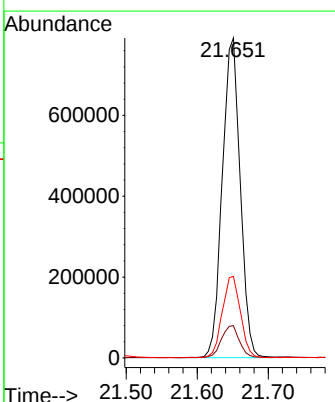
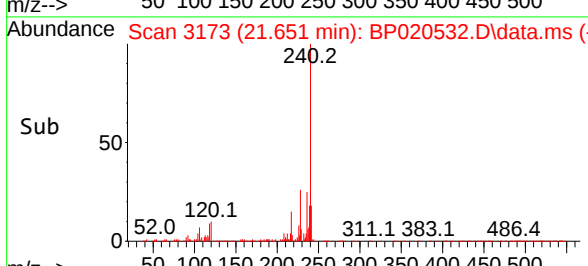
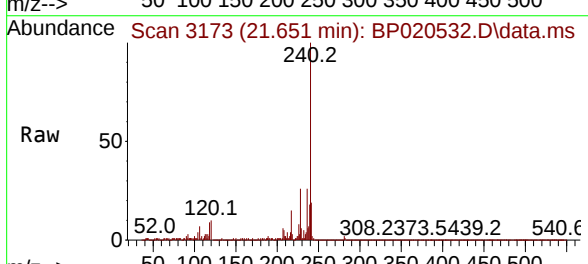
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

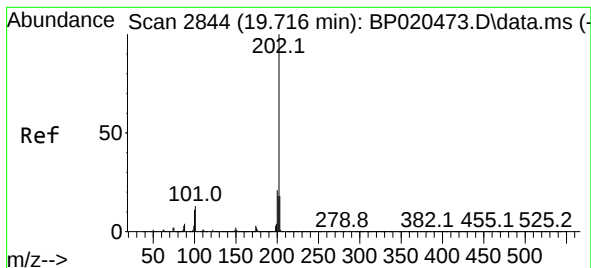


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. -0.018 min
 Lab File: BP020532.D
 Acq: 06 Jun 2024 01:41

Tgt Ion: 240 Resp: 1383425

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	25.5	20.5	30.7





#78

Pyrene

Concen: 39.811 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:202 Resp: 4142650

Ion Ratio Lower Upper

202 100

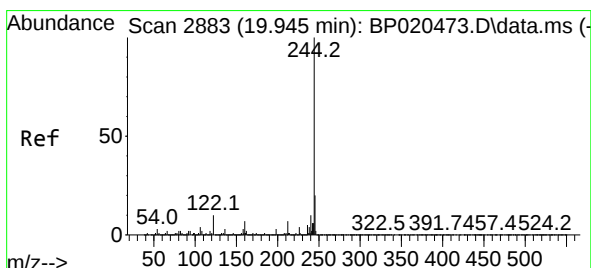
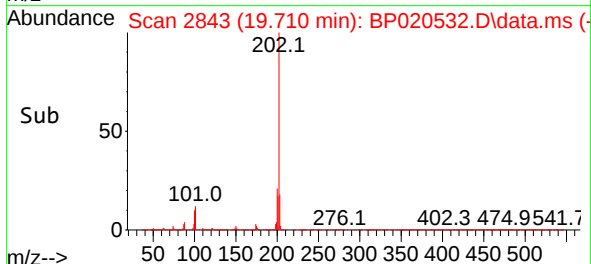
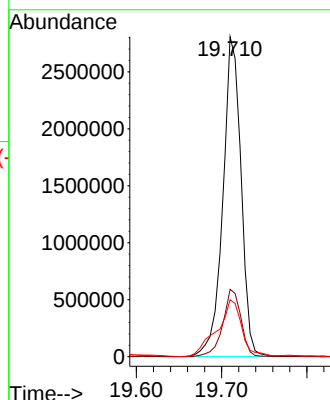
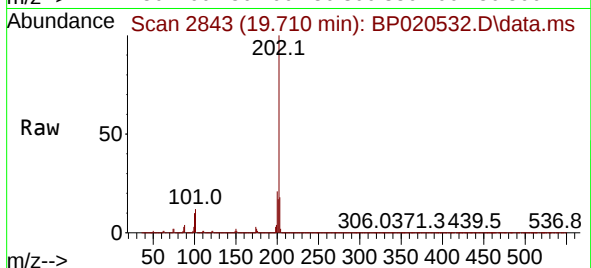
200 21.0 16.9 25.3

203 17.8 14.1 21.1

Manual Integrations

APPROVED

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



#79

Terphenyl-d14

Concen: 43.260 ng

RT: 19.927 min Scan# 2880

Delta R.T. -0.018 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

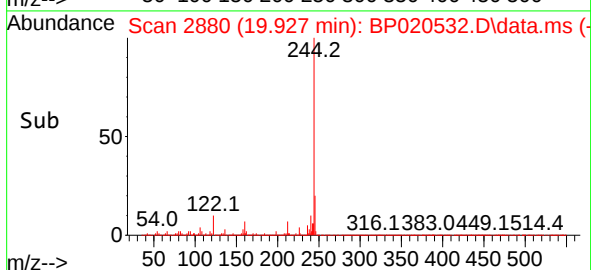
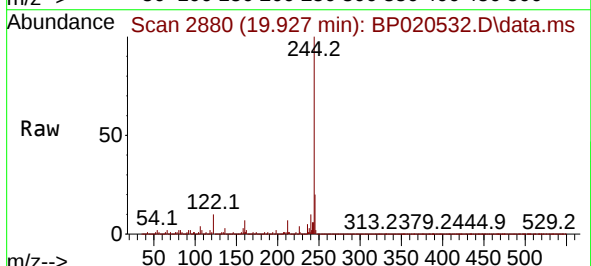
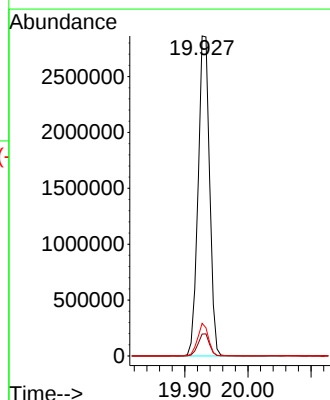
Tgt Ion:244 Resp: 3594989

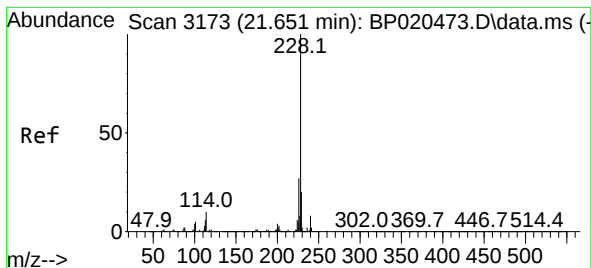
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.2 8.2 12.2





#81

Benzo(a)anthracene

Concen: 24.769 ng

RT: 21.627 min Scan# 3169

Delta R.T. -0.023 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:228 Resp: 2256234

Ion Ratio Lower Upper

228 100

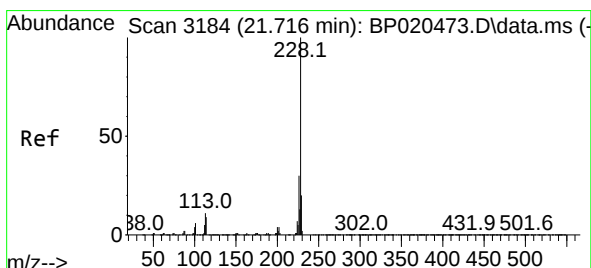
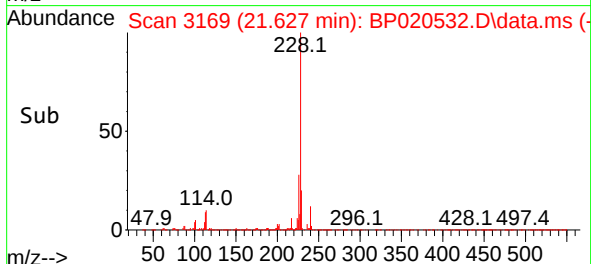
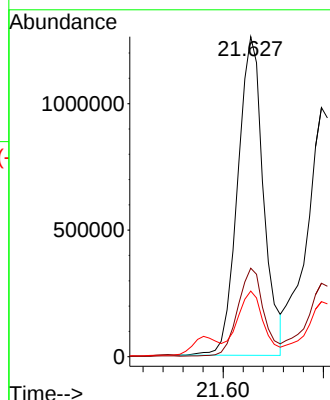
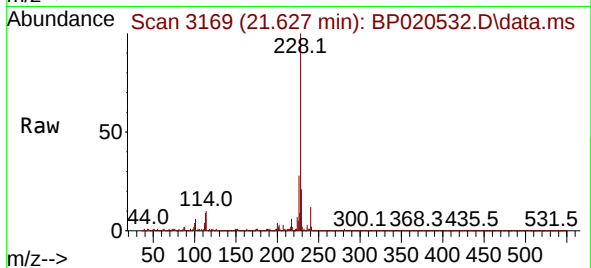
226 27.7 21.7 32.5

229 20.5 15.8 23.6

Manual Integrations

APPROVED

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



#83

Chrysene

Concen: 23.151 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

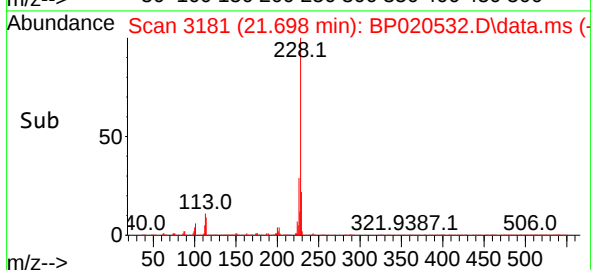
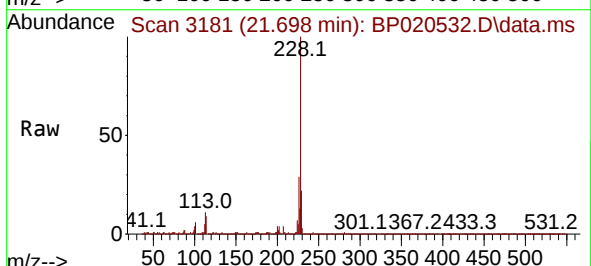
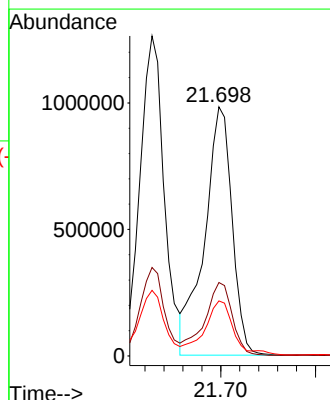
Tgt Ion:228 Resp: 1987122

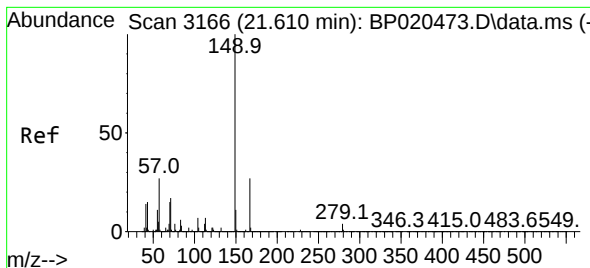
Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 22.1 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.085 ng m

RT: 21.586 min Scan# 3166

Delta R.T. -0.024 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:149 Resp: 182708

Ion Ratio Lower Upper

149 100

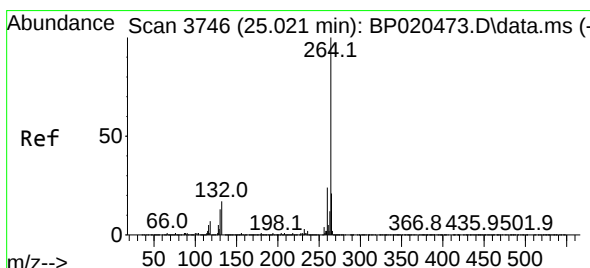
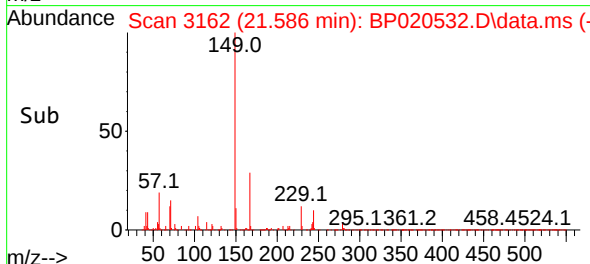
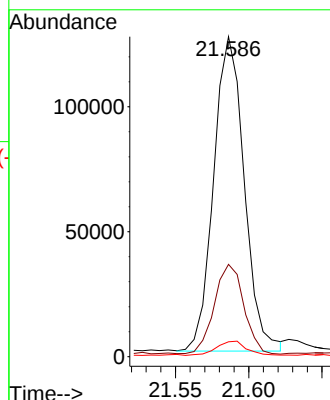
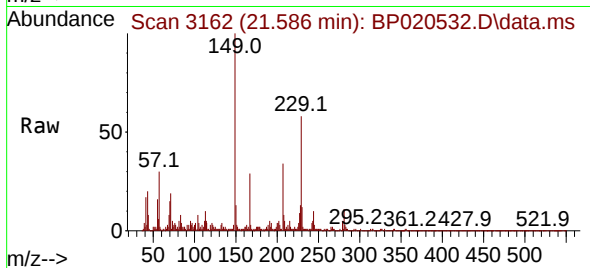
167 28.9 21.8 32.6

279 4.6 3.4 5.0

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

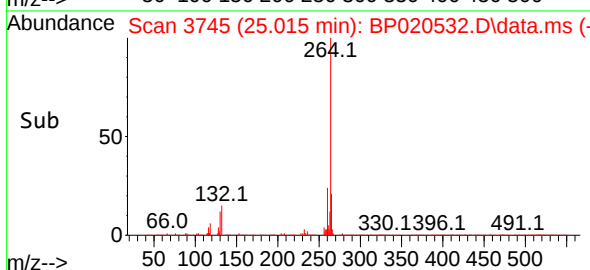
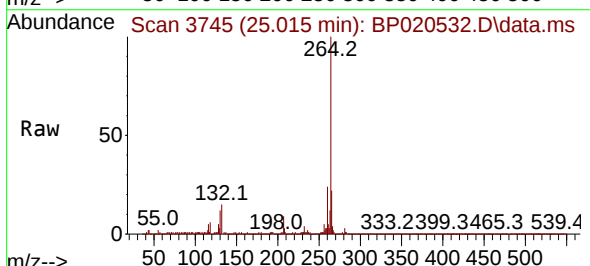
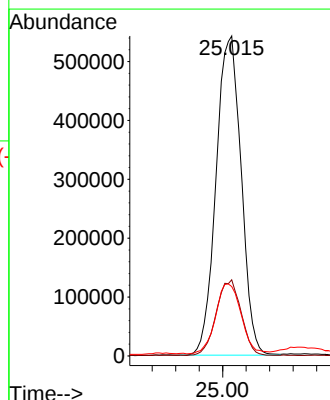
Tgt Ion:264 Resp: 1606710

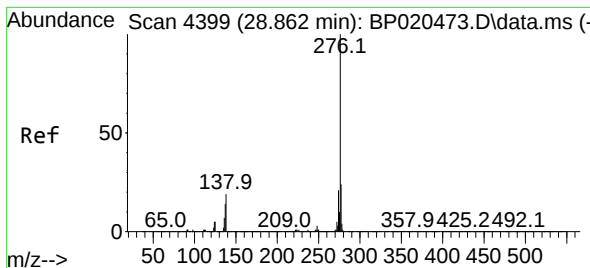
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.692 ng

RT: 28.827 min Scan# 4399

Delta R.T. -0.035 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:276 Resp: 153311

Ion Ratio Lower Upper

276 100

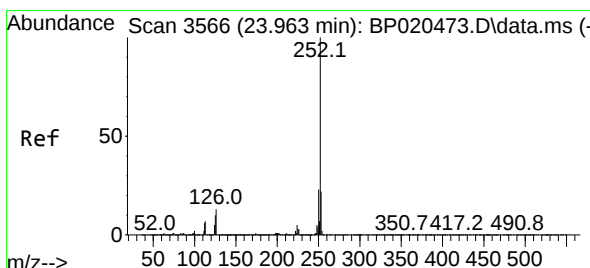
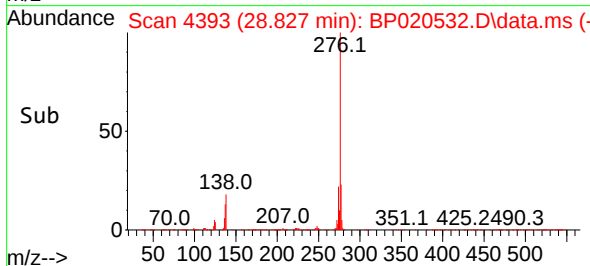
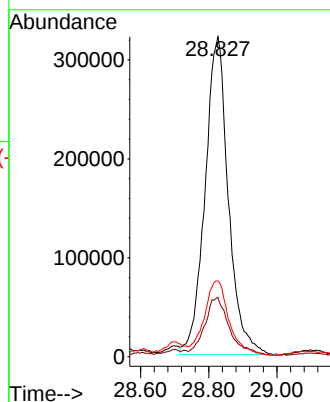
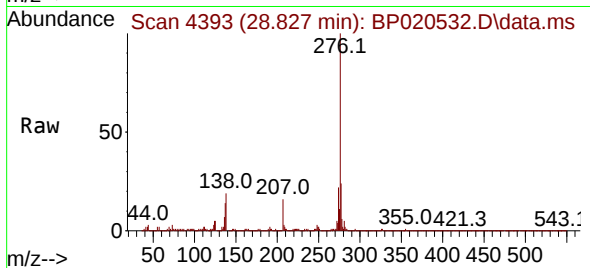
138 19.3 12.8 19.2

277 24.9 15.6 23.4

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 28.113 ng

RT: 23.951 min Scan# 3564

Delta R.T. -0.012 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

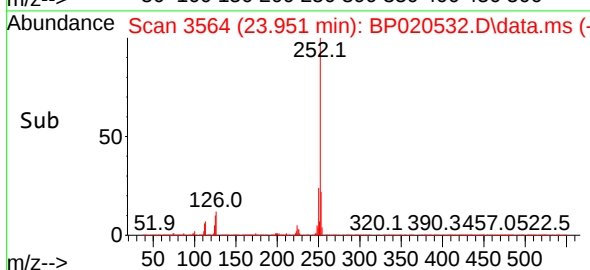
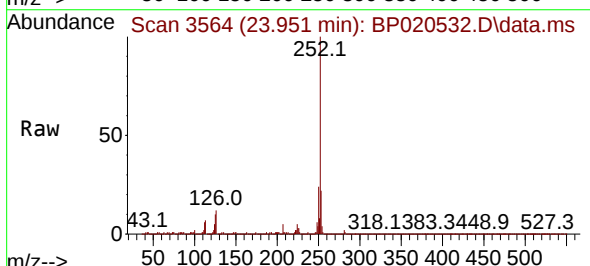
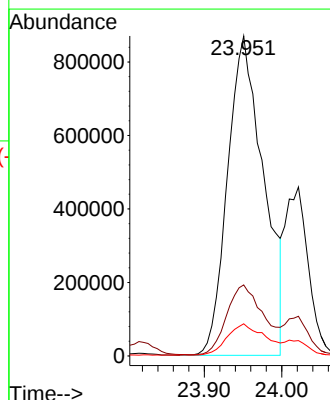
Tgt Ion:252 Resp: 2813996

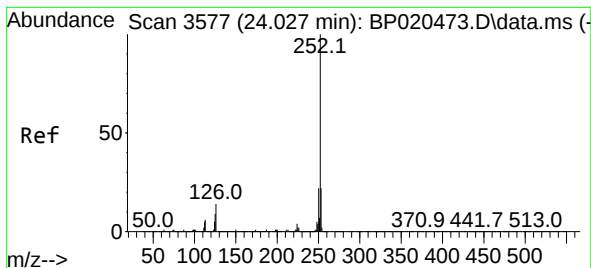
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 9.529 ng

RT: 24.021 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

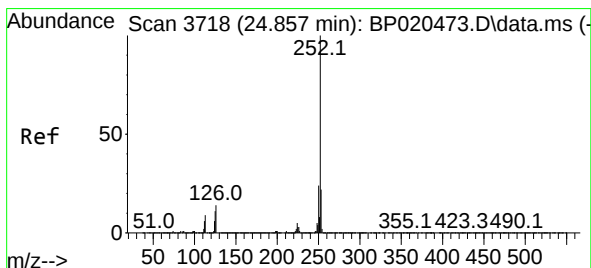
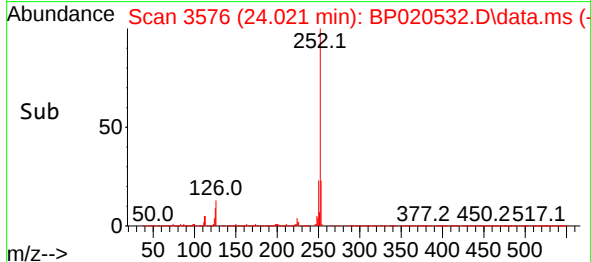
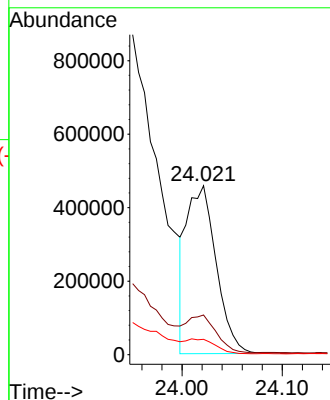
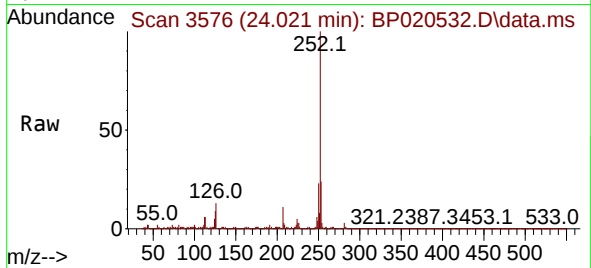
WC-TP-1

Tgt Ion:252 Resp: 930262
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.7 26.5
 125 9.1 7.8 11.6

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 25.557 ng

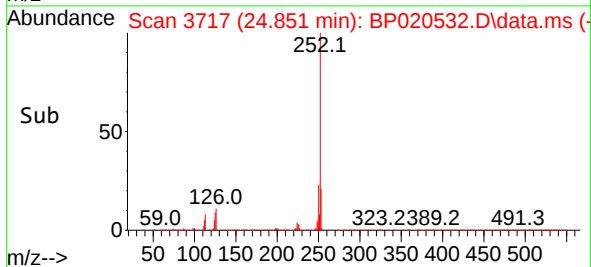
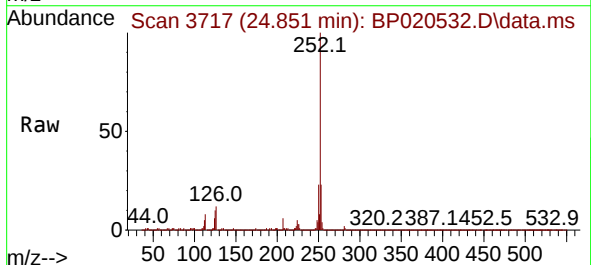
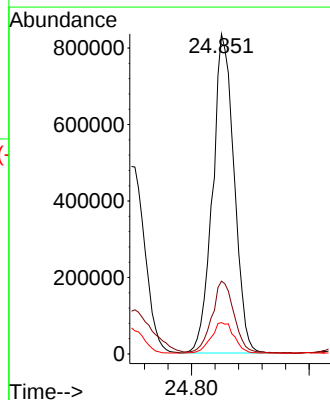
RT: 24.851 min Scan# 3717

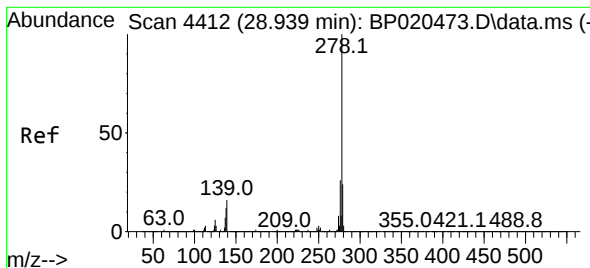
Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Tgt Ion:252 Resp: 2118571
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.2
 125 9.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 4.225 ng

RT: 28.909 min Scan# 4412

Delta R.T. -0.029 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

Tgt Ion:278 Resp: 34434

Ion Ratio Lower Upper

278 100

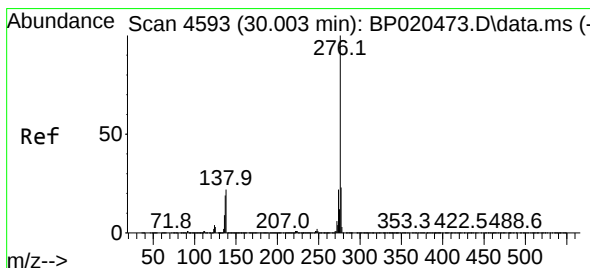
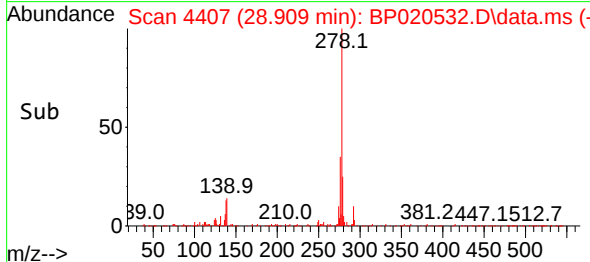
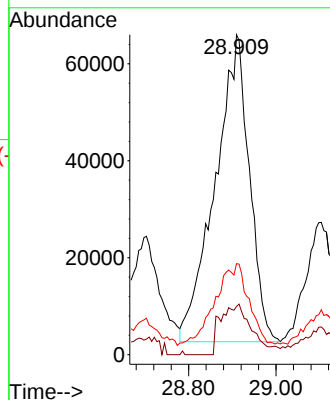
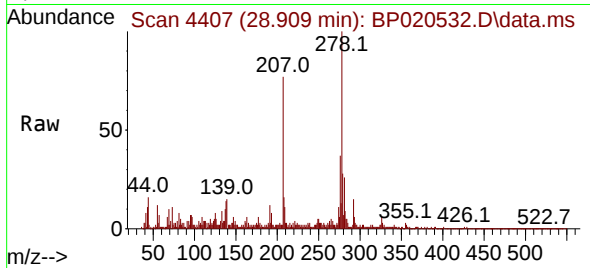
139 15.0 13.0 19.4

279 28.4 19.2 28.8

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 19.600 ng

RT: 30.015 min Scan# 4595

Delta R.T. 0.012 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Tgt Ion:276 Resp: 1596548

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.4 17.7 26.5

