

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020543.D
 Acq On : 06 Jun 2024 16:02
 Operator : MA/JU
 Sample : P2683-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 16:52:04 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	270532	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	1072447	20.000	ng	-0.01
39) Acenaphthene-d10	14.393	164	680995	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1410462	20.000	ng	-0.02
76) Chrysene-d12	21.651	240	1310916	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1539217	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1214946	80.408	ng	-0.01
7) Phenol-d6	6.928	99	1588078	74.528	ng	0.00
23) Nitrobenzene-d5	8.899	82	980696	50.057	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	684013	96.784	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	2176697	47.649	ng	-0.01
79) Terphenyl-d14	19.928	244	3300036	41.907	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	9.775	122	67213m	12.123	ng	
71) Phenanthrene	17.228	178	1026347	14.803	ng	99
72) Anthracene	17.328	178	267810	3.936	ng	99
75) Fluoranthene	19.328	202	2065692	25.184	ng	99
78) Pyrene	19.704	202	1871603	18.981	ng	99
81) Benzo(a)anthracene	21.627	228	1103759	12.787	ng	96
83) Chrysene	21.698	228	1033146	12.703	ng	97
87) Indeno(1,2,3-cd)pyrene	28.798	276	759613	8.116	ng	# 90
88) Benzo(b)fluoranthene	23.933	252	1441227	15.030	ng	98
89) Benzo(k)fluoranthene	23.998	252	451217	4.825	ng	95
90) Benzo(a)pyrene	24.845	252	1053021	13.260	ng	98
91) Dibenzo(a,h)anthracene	28.880	278	190862	2.445	ng	# 89
92) Benzo(g,h,i)perylene	29.974	276	713782	9.147	ng	97

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

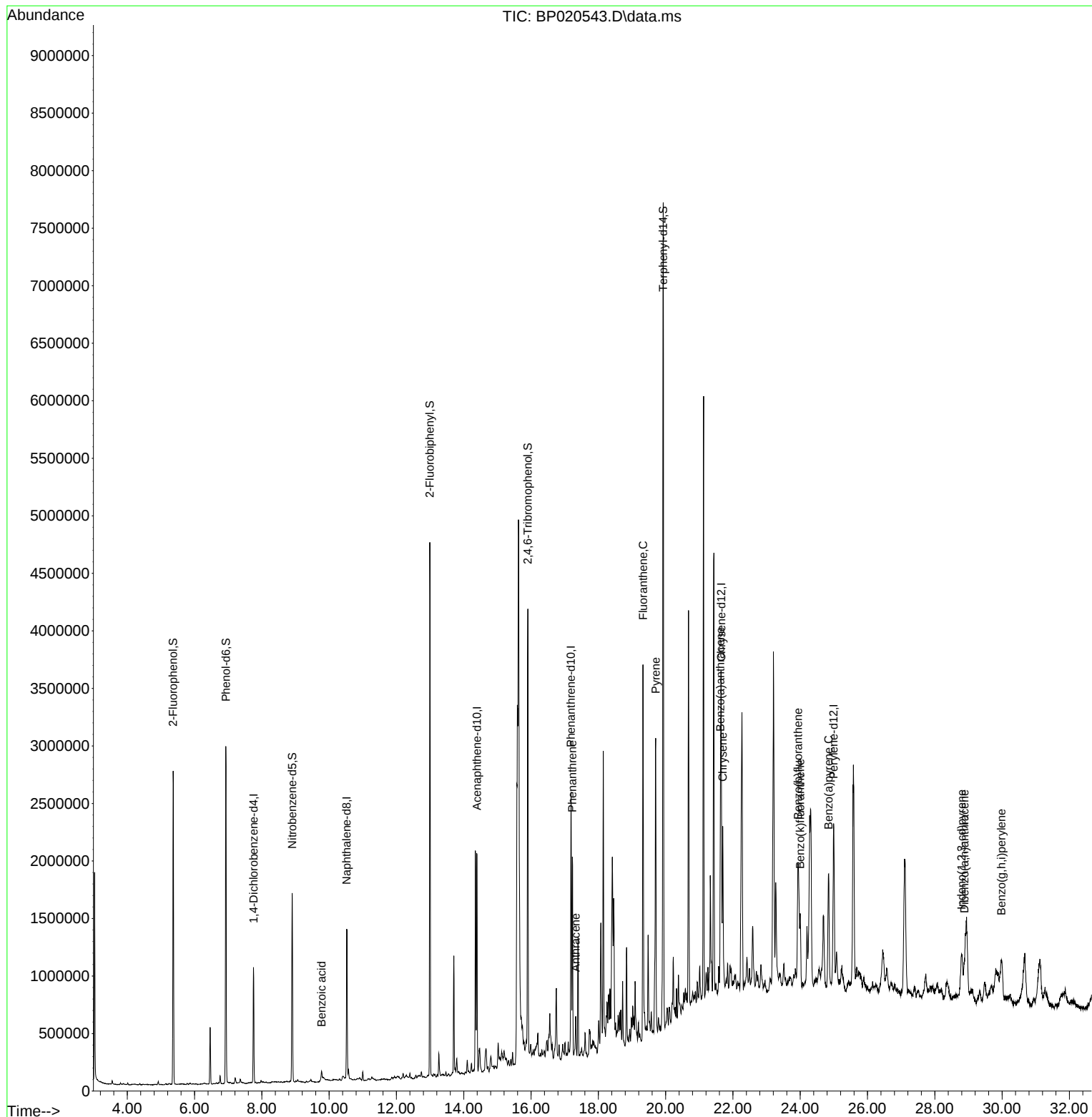
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020543.D
Acq On : 06 Jun 2024 16:02
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ALS Vial : 8 Sample Multiplier: 1

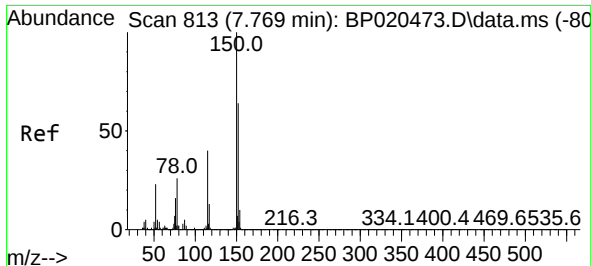
Instrument :
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Quant Time: Jun 06 16:52:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
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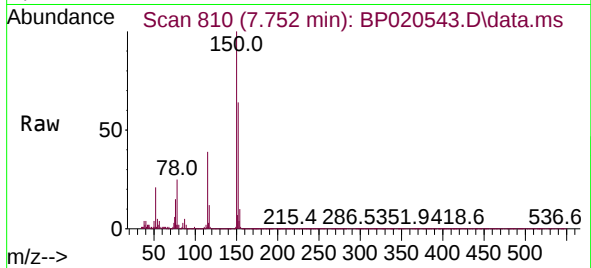
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

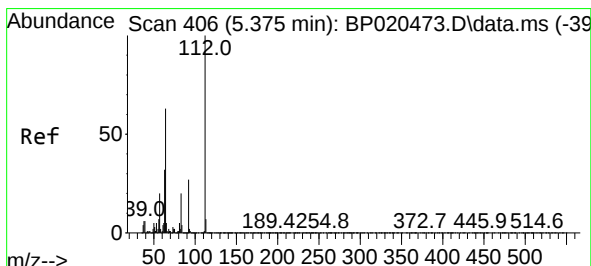
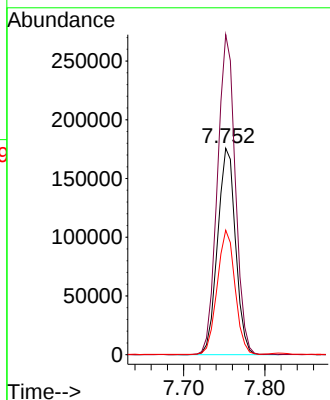
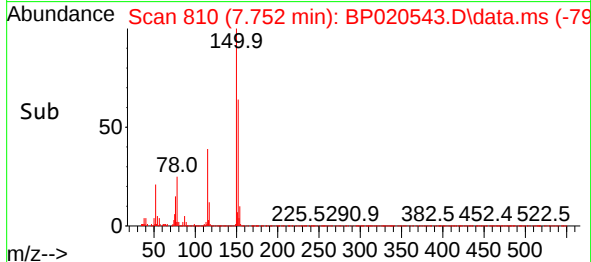
Instrument :
BNA_P
ClientSampleId :
WC-4



Tgt Ion:152 Resp: 270532
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 60.4 49.5 74.3

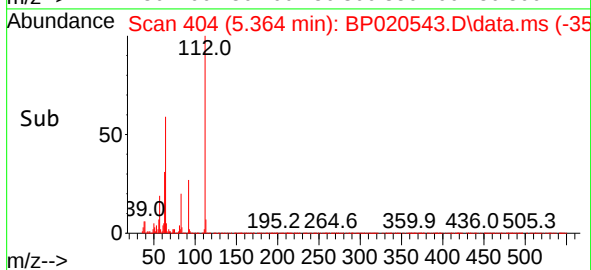
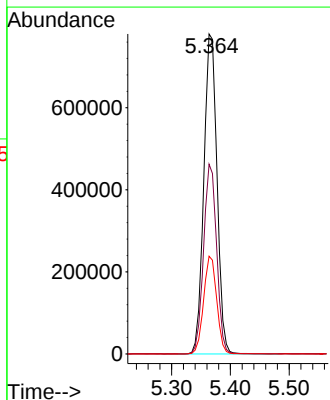
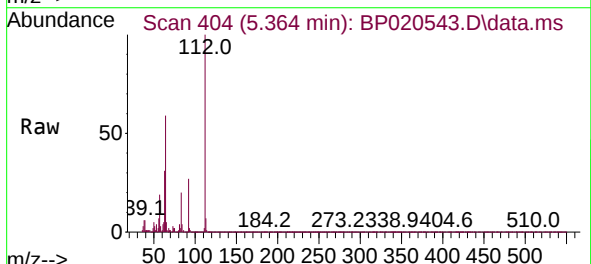
Manual Integrations
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Supervised By :mohammad ahmed 06/08/2024



#5
2-Fluorophenol
Concen: 80.408 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

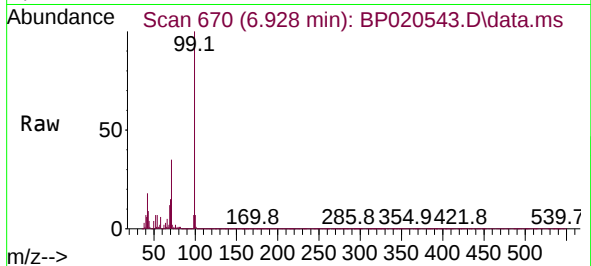
Tgt Ion:112 Resp: 1214946
Ion Ratio Lower Upper
112 100
64 59.3 50.1 75.1
63 30.6 25.7 38.5





#7
Phenol-d6
Concen: 74.528 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

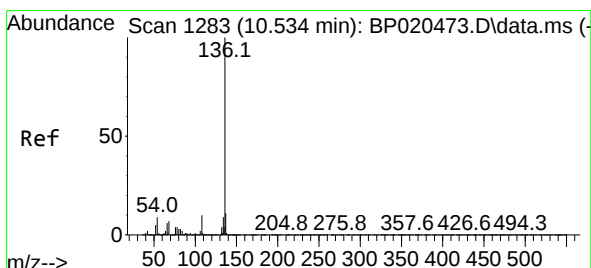
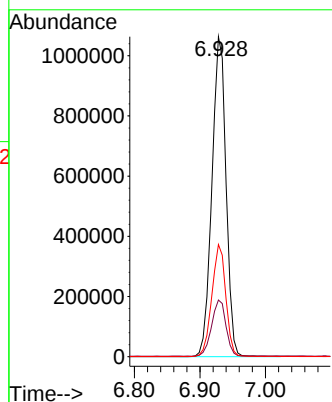
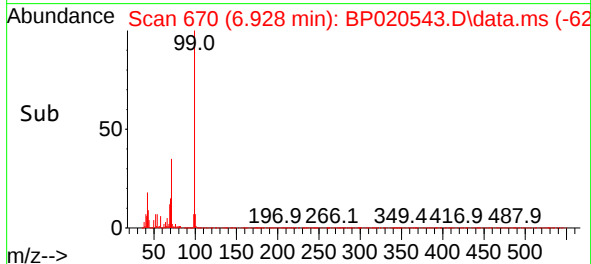
Instrument :
BNA_P
ClientSampleId :
WC-4



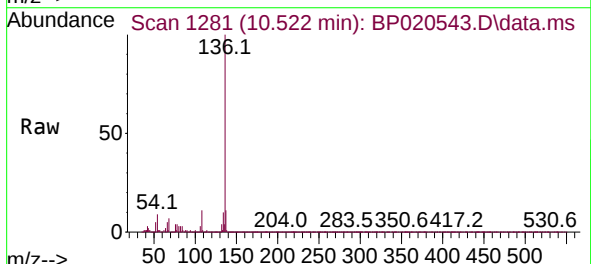
Tgt Ion: 99 Resp: 1588078
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 35.1 27.3 40.9

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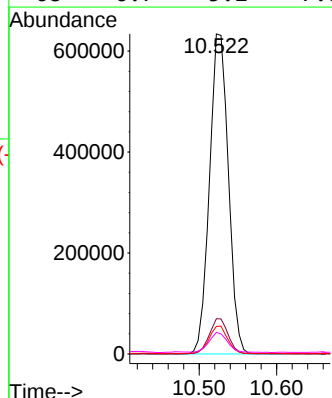
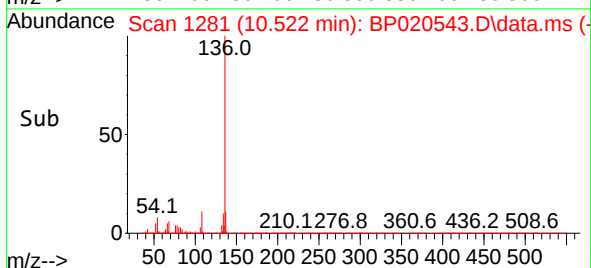
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

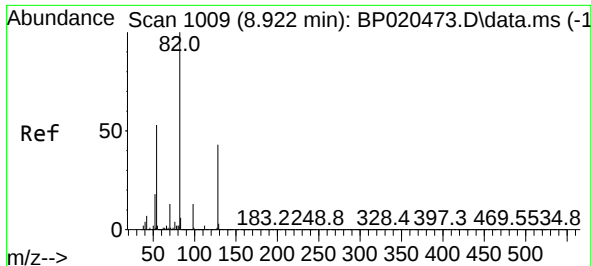


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02



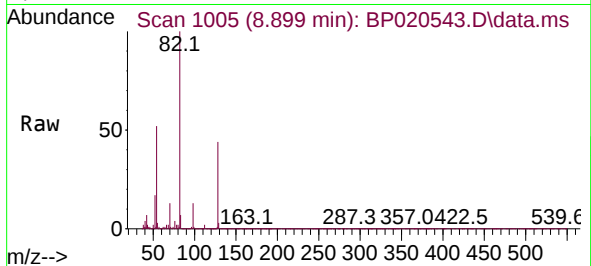
Tgt Ion:136 Resp: 1072447
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.4 11.0
68 6.7 5.2 7.8





#23
Nitrobenzene-d5
Concen: 50.057 ng
RT: 8.899 min Scan# 1105
Delta R.T. -0.023 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

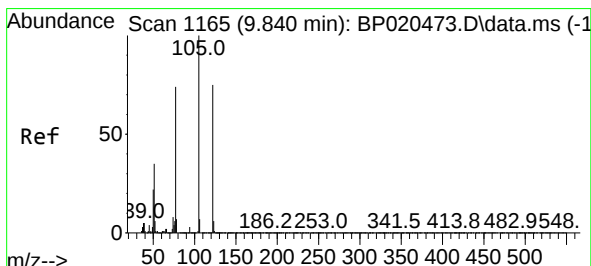
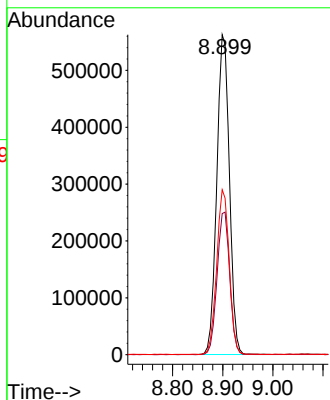
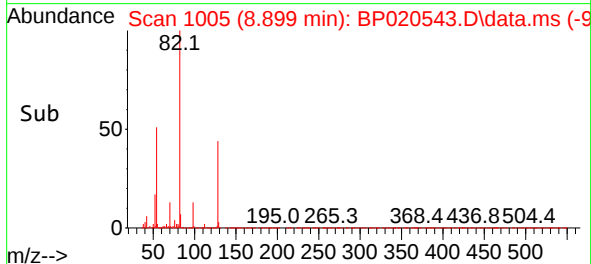
Instrument :
BNA_P
ClientSampleId :
WC-4



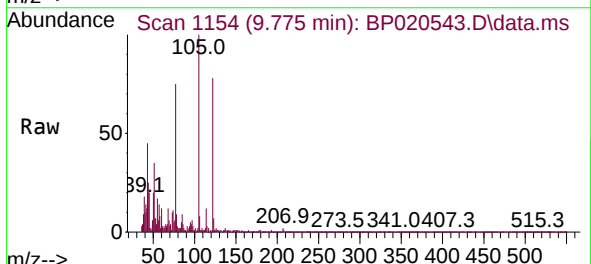
Tgt Ion: 82 Resp: 980690
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 51.5 42.7 64.1

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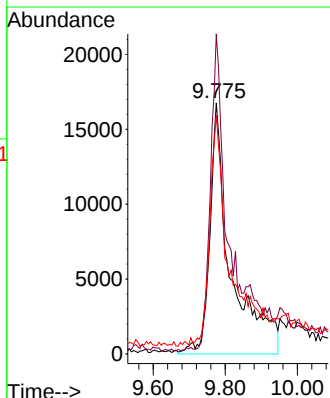
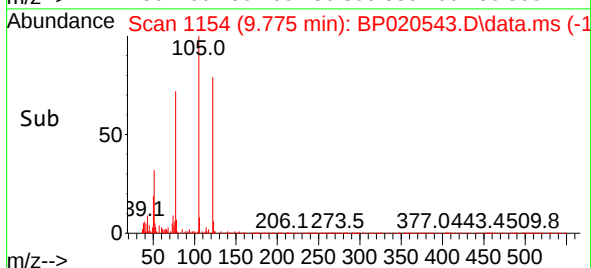
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

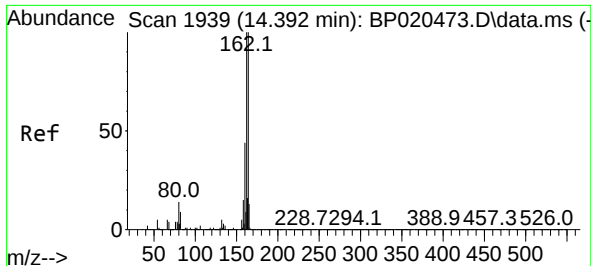


#32
Benzoic acid
Concen: 12.123 ng m
RT: 9.775 min Scan# 1154
Delta R.T. -0.065 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02



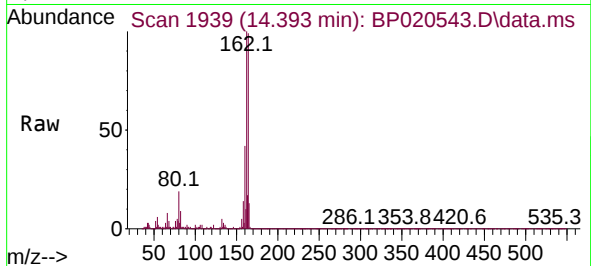
Tgt Ion:122 Resp: 67213
Ion Ratio Lower Upper
122 100
105 127.4 107.5 147.5
77 95.0 76.1 116.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

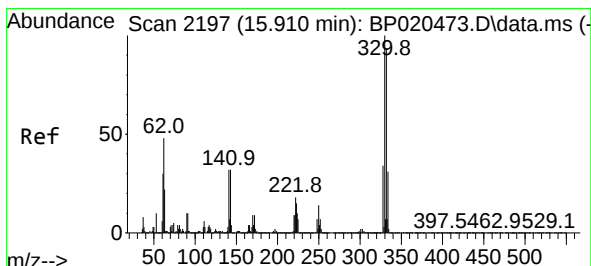
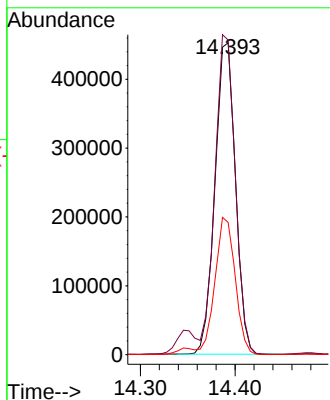
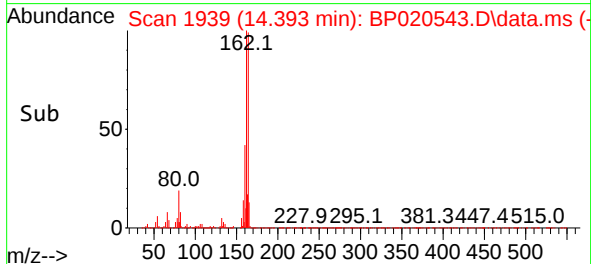
Instrument :
BNA_P
ClientSampleId :
WC-4



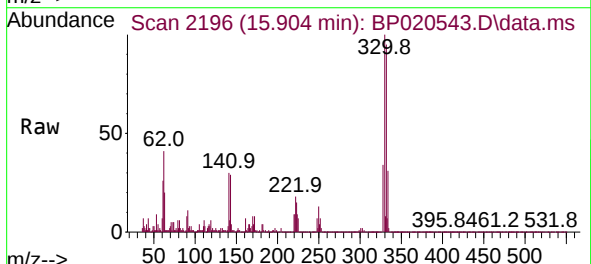
Tgt Ion:164 Resp: 68099
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 42.4 35.4 53.2

Manual Integrations
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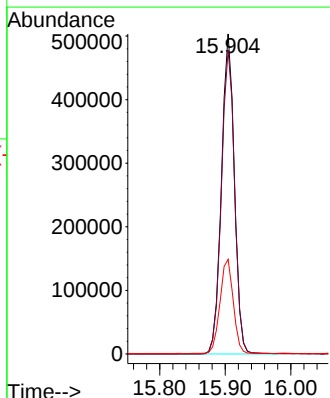
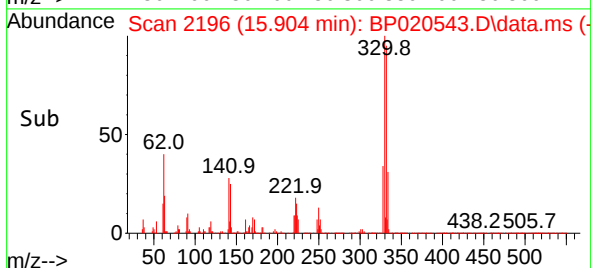
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

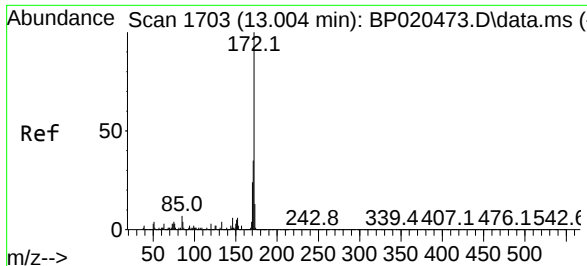


#42
2,4,6-Tribromophenol
Concen: 96.784 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02



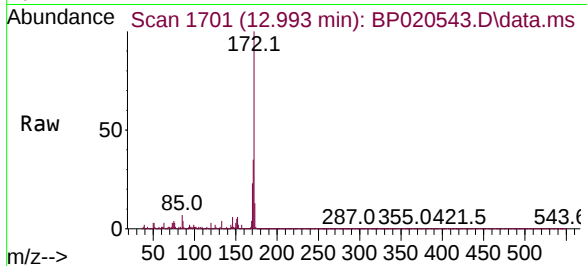
Tgt Ion:330 Resp: 684013
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 30.2 27.1 40.7





#45
2-Fluorobiphenyl
Concen: 47.649 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

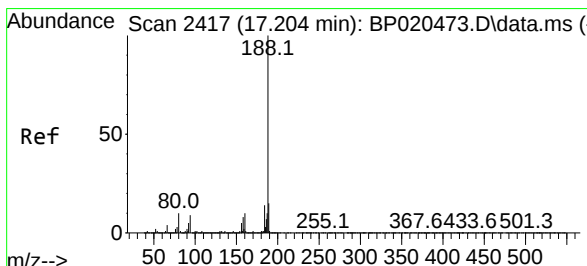
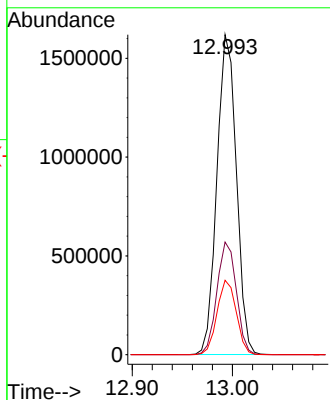
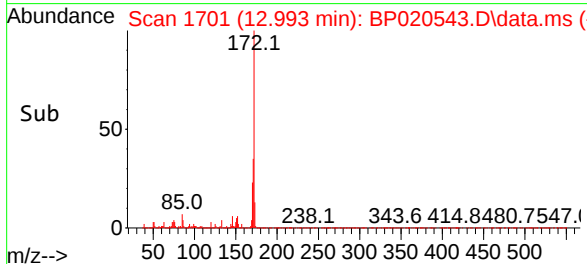
Instrument :
BNA_P
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WC-4



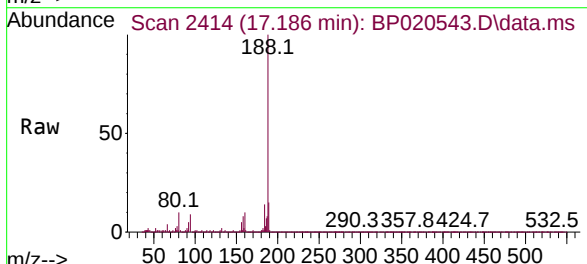
Tgt Ion:172 Resp: 217669
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 18.9 28.3

Manual Integrations
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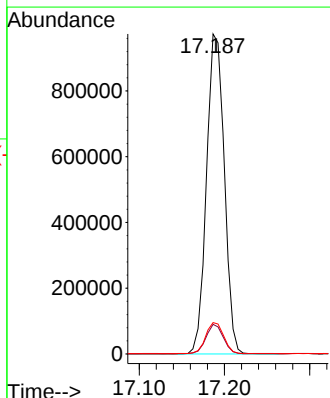
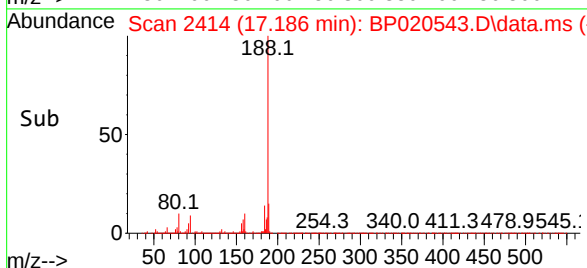
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

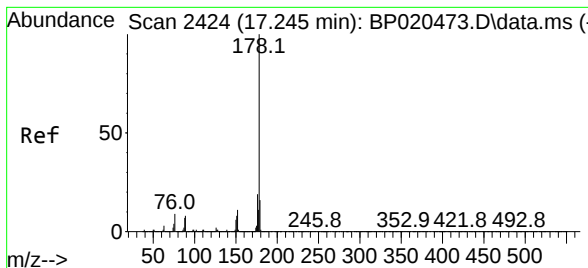


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02



Tgt Ion:188 Resp: 1410462
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.8 8.1 12.1





#71

Phenanthrene

Concen: 14.803 ng

RT: 17.228 min Scan# 2424

Delta R.T. -0.018 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

Instrument :

BNA_P

ClientSampleId :

WC-4

Tgt Ion:178 Resp: 102634

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

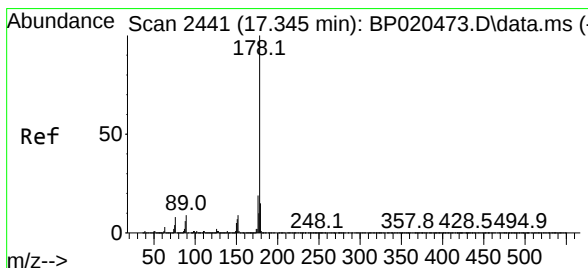
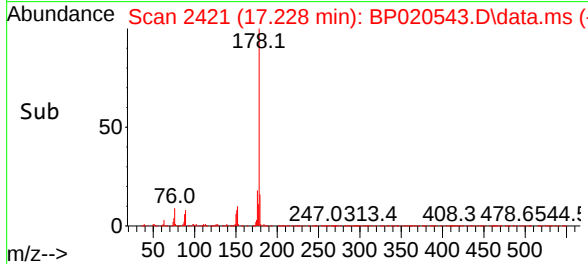
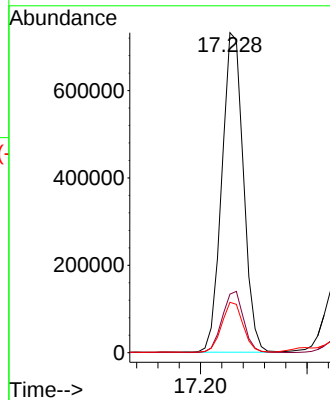
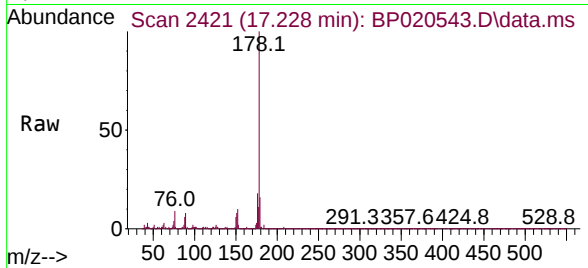
179 15.8 12.5 18.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#72

Anthracene

Concen: 3.936 ng

RT: 17.328 min Scan# 2438

Delta R.T. -0.018 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

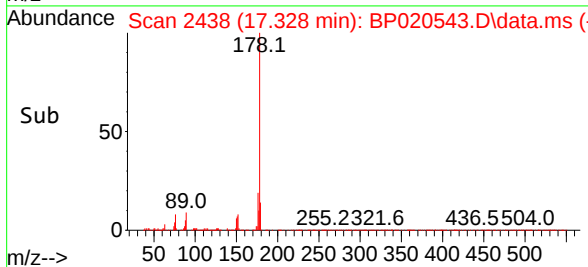
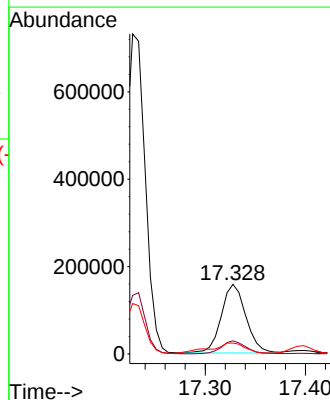
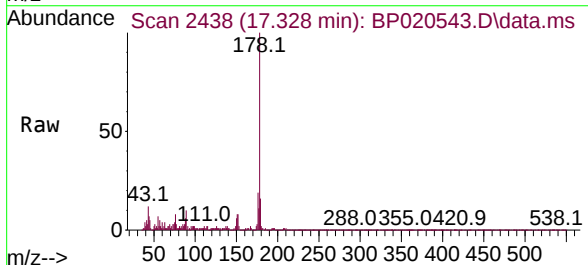
Tgt Ion:178 Resp: 267810

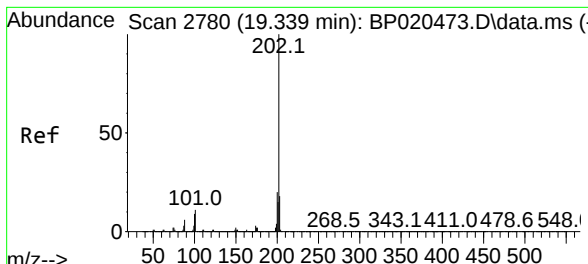
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.6 12.2 18.4





#75
 Fluoranthene
 Concen: 25.184 ng
 RT: 19.328 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP020543.D
 Acq: 06 Jun 2024 16:02

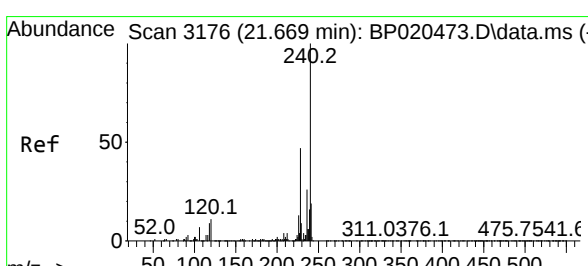
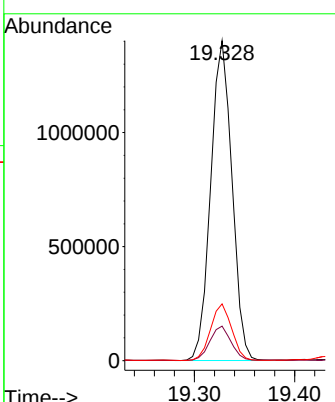
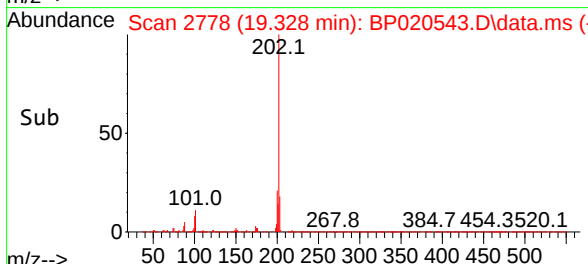
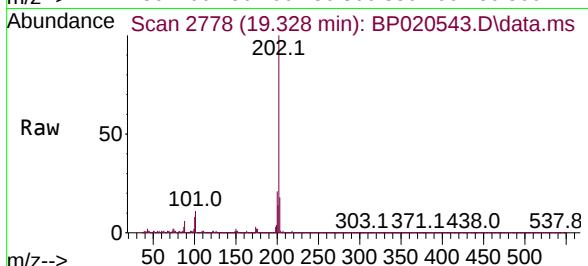
Instrument : BNA_P
 ClientSampleId : WC-4

Tgt Ion: 202 Resp: 206569

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
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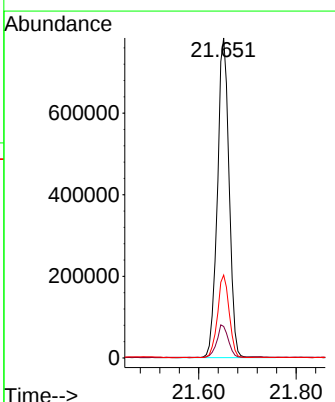
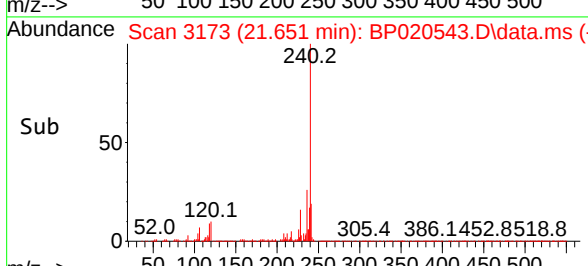
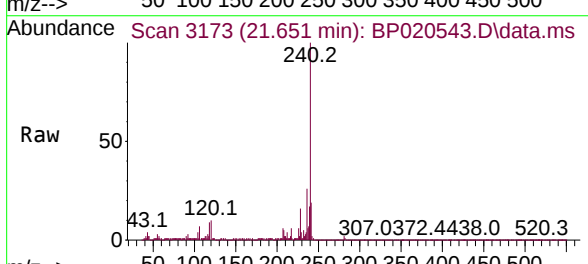
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

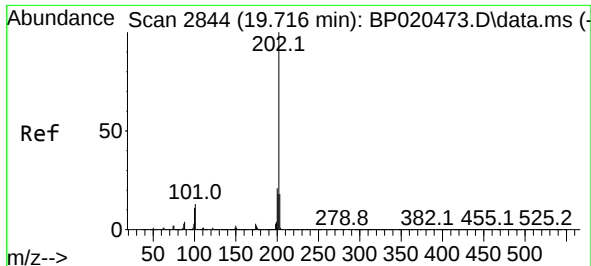


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. -0.018 min
 Lab File: BP020543.D
 Acq: 06 Jun 2024 16:02

Tgt Ion: 240 Resp: 1310916

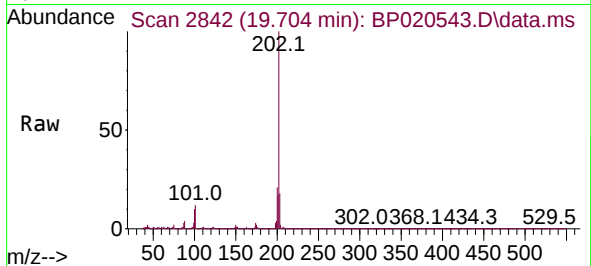
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	25.9	20.5	30.7





#78
Pyrene
Concen: 18.981 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

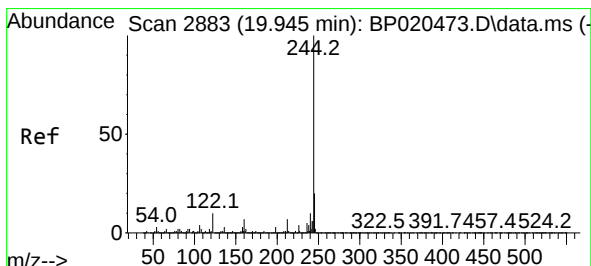
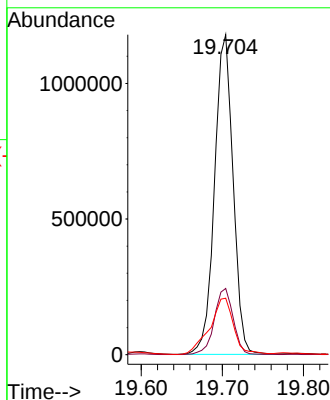
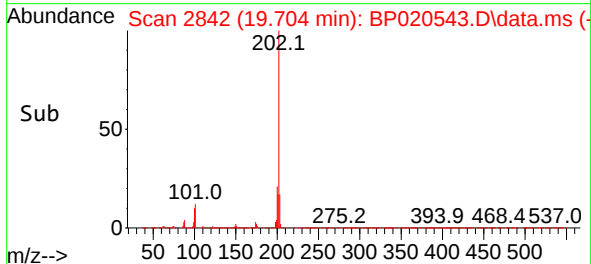
Instrument :
BNA_P
ClientSampleId :
WC-4



Tgt Ion:202 Resp: 187160
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.7 14.1 21.1

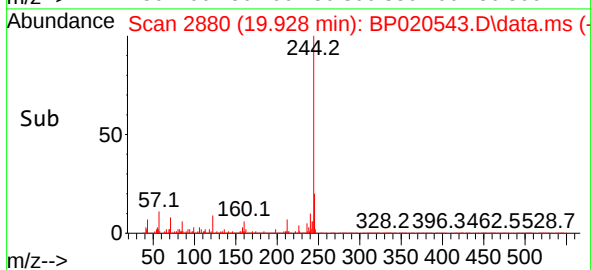
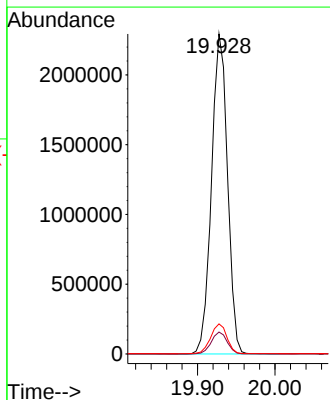
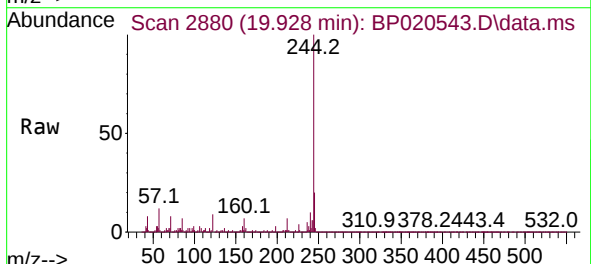
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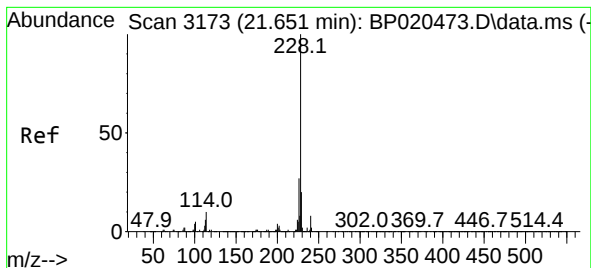
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#79
Terphenyl-d14
Concen: 41.907 ng
RT: 19.928 min Scan# 2880
Delta R.T. -0.017 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

Tgt Ion:244 Resp: 3300036
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.4 8.2 12.2





#81

Benzo(a)anthracene

Concen: 12.787 ng

RT: 21.627 min Scan# 3169

Delta R.T. -0.023 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

Instrument :

BNA_P

ClientSampleId :

WC-4

Tgt Ion:228 Resp: 1103759

Ion Ratio Lower Upper

228 100

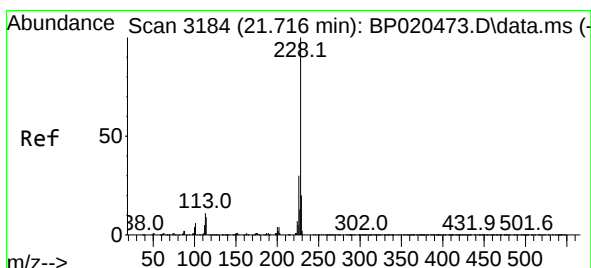
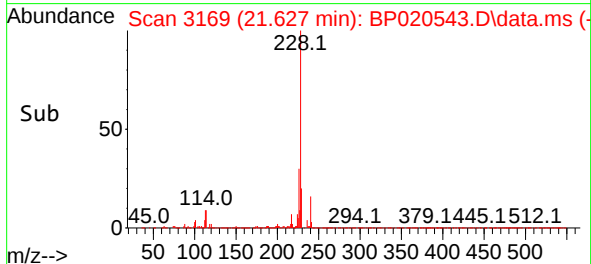
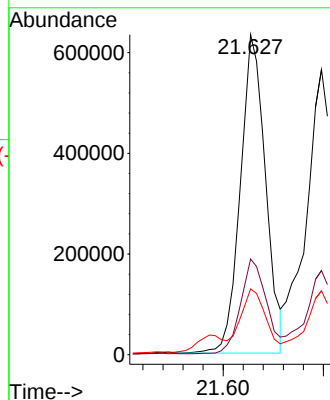
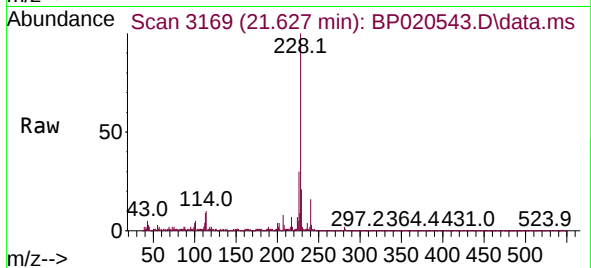
226 29.9 21.7 32.5

229 20.6 15.8 23.6

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Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#83

Chrysene

Concen: 12.703 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

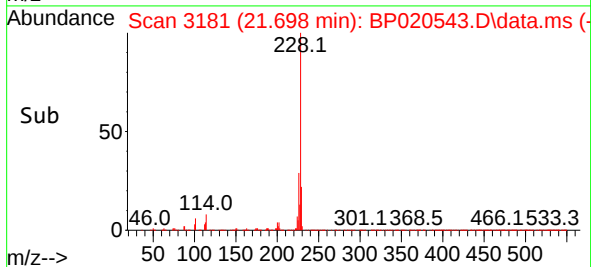
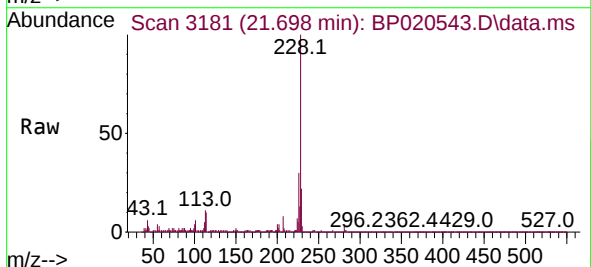
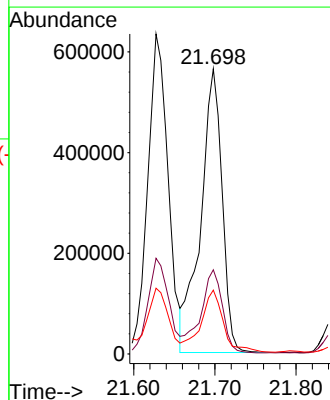
Tgt Ion:228 Resp: 1033146

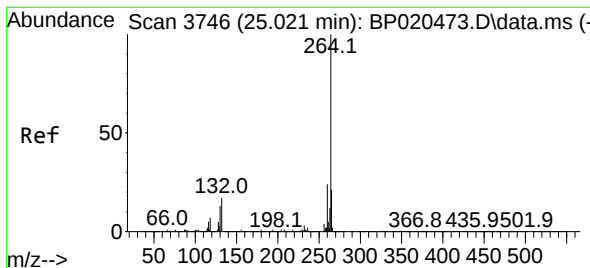
Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 22.4 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

Instrument :

BNA_P

ClientSampleId :

WC-4

Tgt Ion:264 Resp: 153921

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

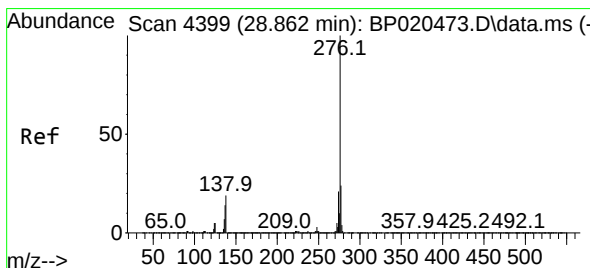
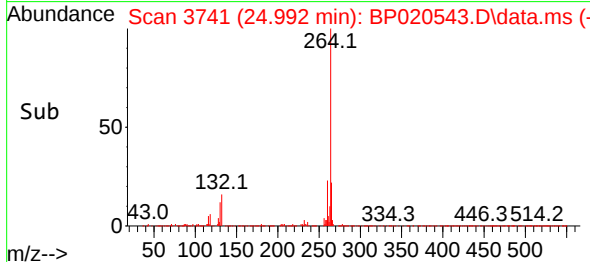
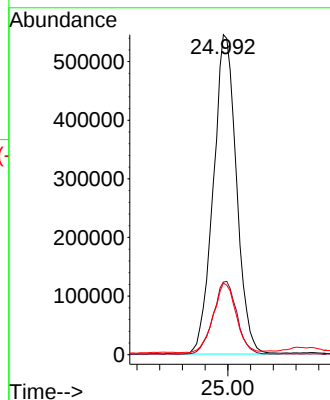
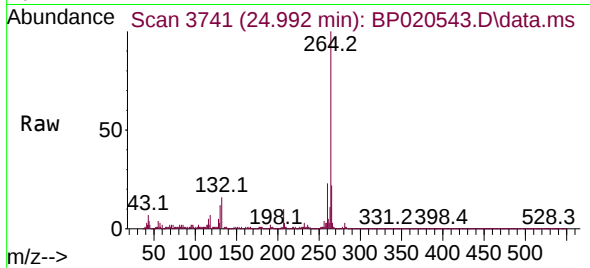
265 22.4 17.4 26.0

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Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.116 ng

RT: 28.798 min Scan# 4388

Delta R.T. -0.065 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

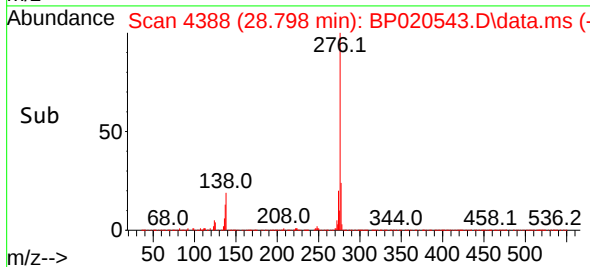
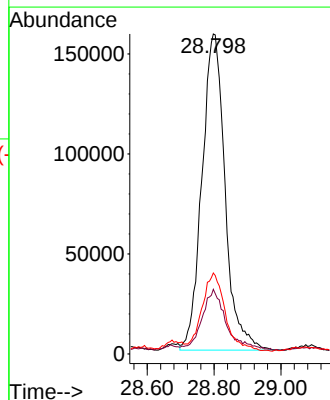
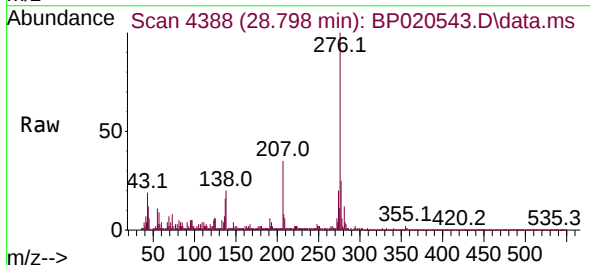
Tgt Ion:276 Resp: 759613

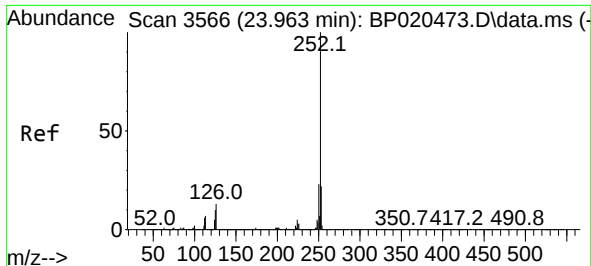
Ion Ratio Lower Upper

276 100

138 20.0 12.8 19.2#

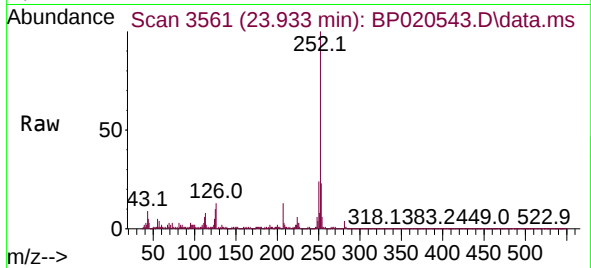
277 24.2 15.6 23.4#





#88
Benzo(b)fluoranthene
Concen: 15.030 ng
RT: 23.933 min Scan# 3561
Delta R.T. -0.029 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

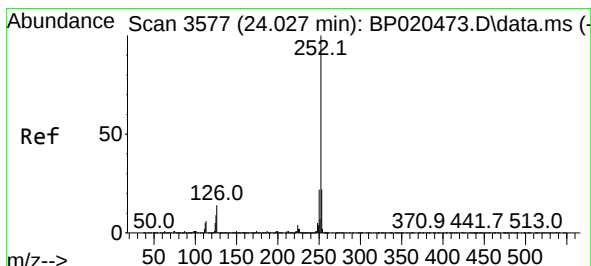
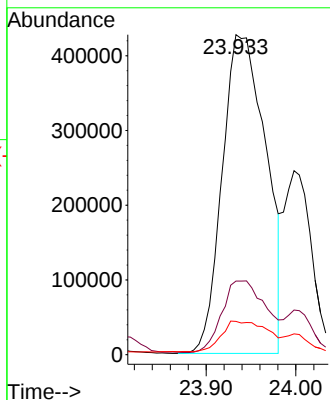
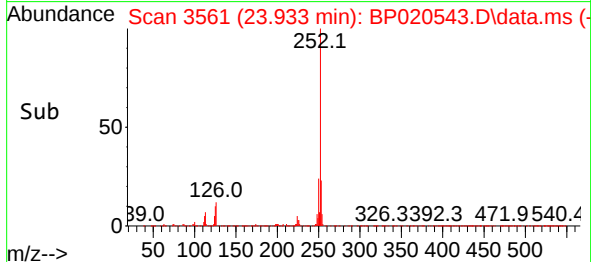
Instrument :
BNA_P
ClientSampleId :
WC-4



Tgt Ion:252 Resp: 144122
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.4 8.0 12.0

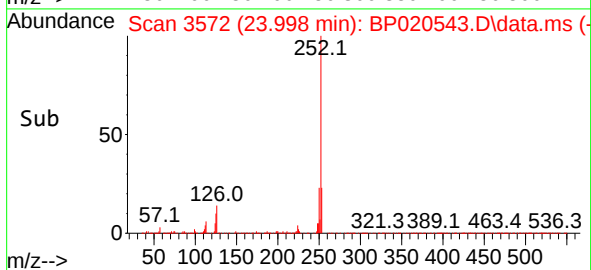
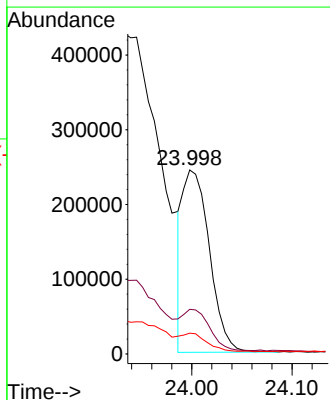
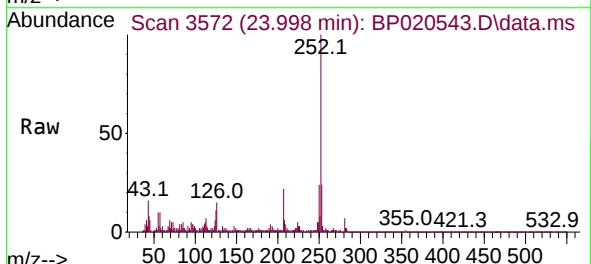
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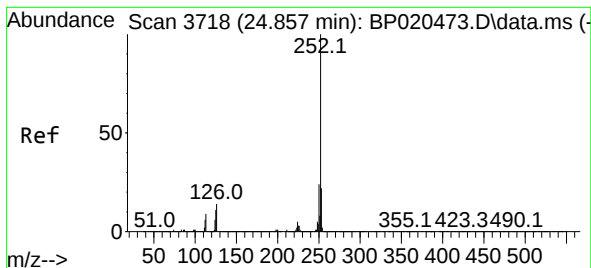
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#89
Benzo(k)fluoranthene
Concen: 4.825 ng
RT: 23.998 min Scan# 3572
Delta R.T. -0.029 min
Lab File: BP020543.D
Acq: 06 Jun 2024 16:02

Tgt Ion:252 Resp: 451217
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 11.3 7.8 11.6





#90

Benzo(a)pyrene

Concen: 13.260 ng

RT: 24.845 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

Instrument :

BNA_P

ClientSampleId :

WC-4

Tgt Ion:252 Resp: 105302

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

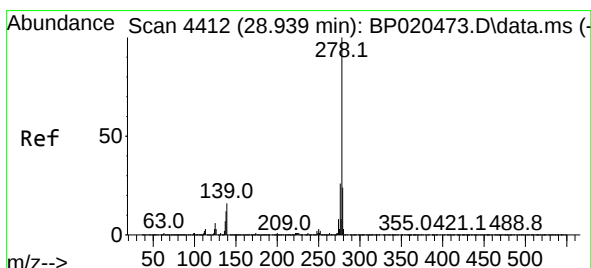
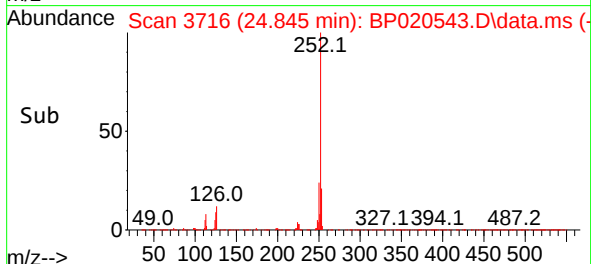
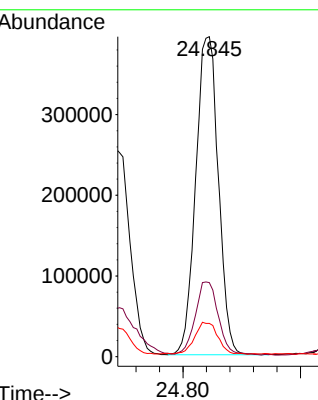
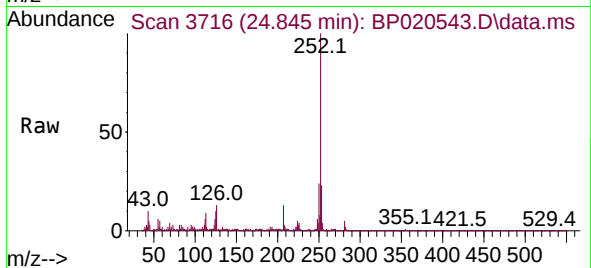
125 10.4 8.9 13.3

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Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#91

Dibenzo(a,h)anthracene

Concen: 2.445 ng

RT: 28.880 min Scan# 4402

Delta R.T. -0.059 min

Lab File: BP020543.D

Acq: 06 Jun 2024 16:02

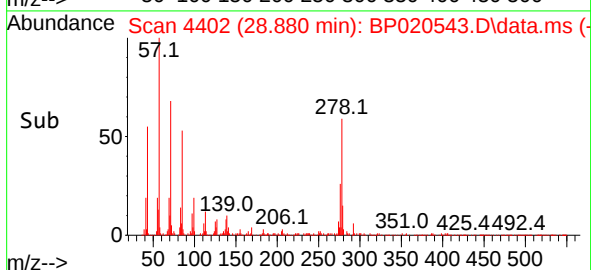
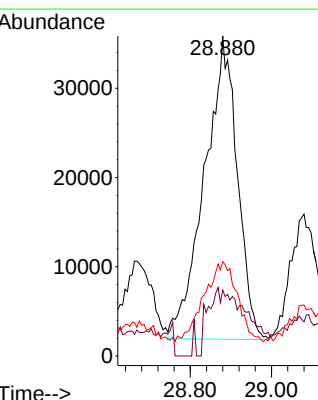
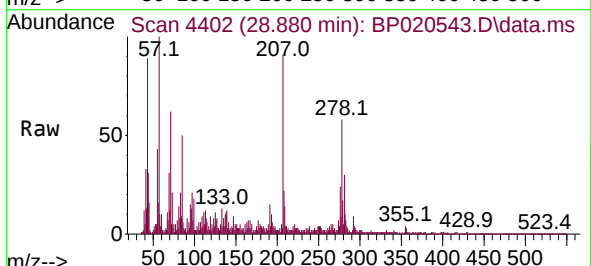
Tgt Ion:278 Resp: 190862

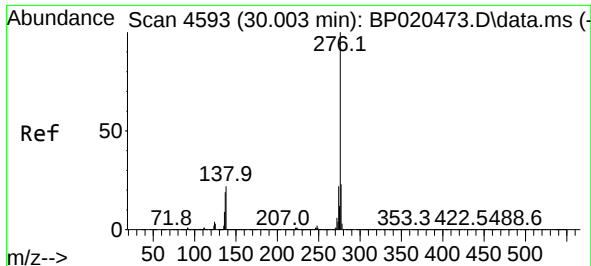
Ion Ratio Lower Upper

278 100

139 20.5 13.0 19.4#

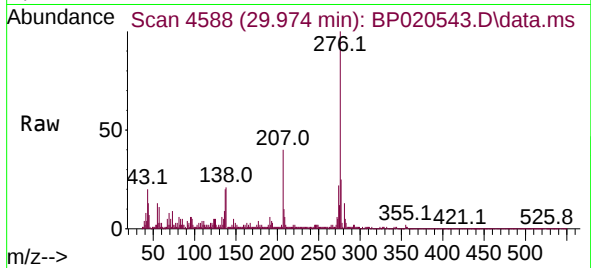
279 29.4 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 9.147 ng
 RT: 29.974 min Scan# 4588
 Delta R.T. -0.029 min
 Lab File: BP020543.D
 Acq: 06 Jun 2024 16:02

Instrument :
 BNA_P
 ClientSampleId :
 WC-4



Tgt Ion: 276 Resp: 71378
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.7 28.1
 138 20.7 17.7 26.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

