

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020533.D
 Acq On : 06 Jun 2024 02:25
 Operator : MA/JU
 Sample : P2668-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 03:19:35 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	281746	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1055073	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	673249	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1230720	20.000	ng	0.02
76) Chrysene-d12	21.663	240	1324616	20.000	ng	0.00
86) Perylene-d12	25.027	264	1553234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1051004	66.790	ng	0.00
7) Phenol-d6	6.934	99	1370787	61.770	ng	0.00
23) Nitrobenzene-d5	8.910	82	856086	44.416	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	504294	72.176	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1900648	42.085	ng	0.00
79) Terphenyl-d14	19.939	244	2916738	36.656	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.363	202	1253418	17.513	ng	99
78) Pyrene	19.727	202	1623967	16.299	ng	99
81) Benzo(a)anthracene	21.639	228	704007	8.072	ng	98
83) Chrysene	21.710	228	665350	8.096	ng	97
87) Indeno(1,2,3-cd)pyrene	28.833	276	415725	4.401	ng	# 92
88) Benzo(b)fluoranthene	23.957	252	873615	9.028	ng	98
89) Benzo(k)fluoranthene	24.021	252	258610m	2.740	ng	
90) Benzo(a)pyrene	24.856	252	588933	7.349	ng	96
92) Benzo(g,h,i)perylene	30.009	276	415555	5.277	ng	96

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

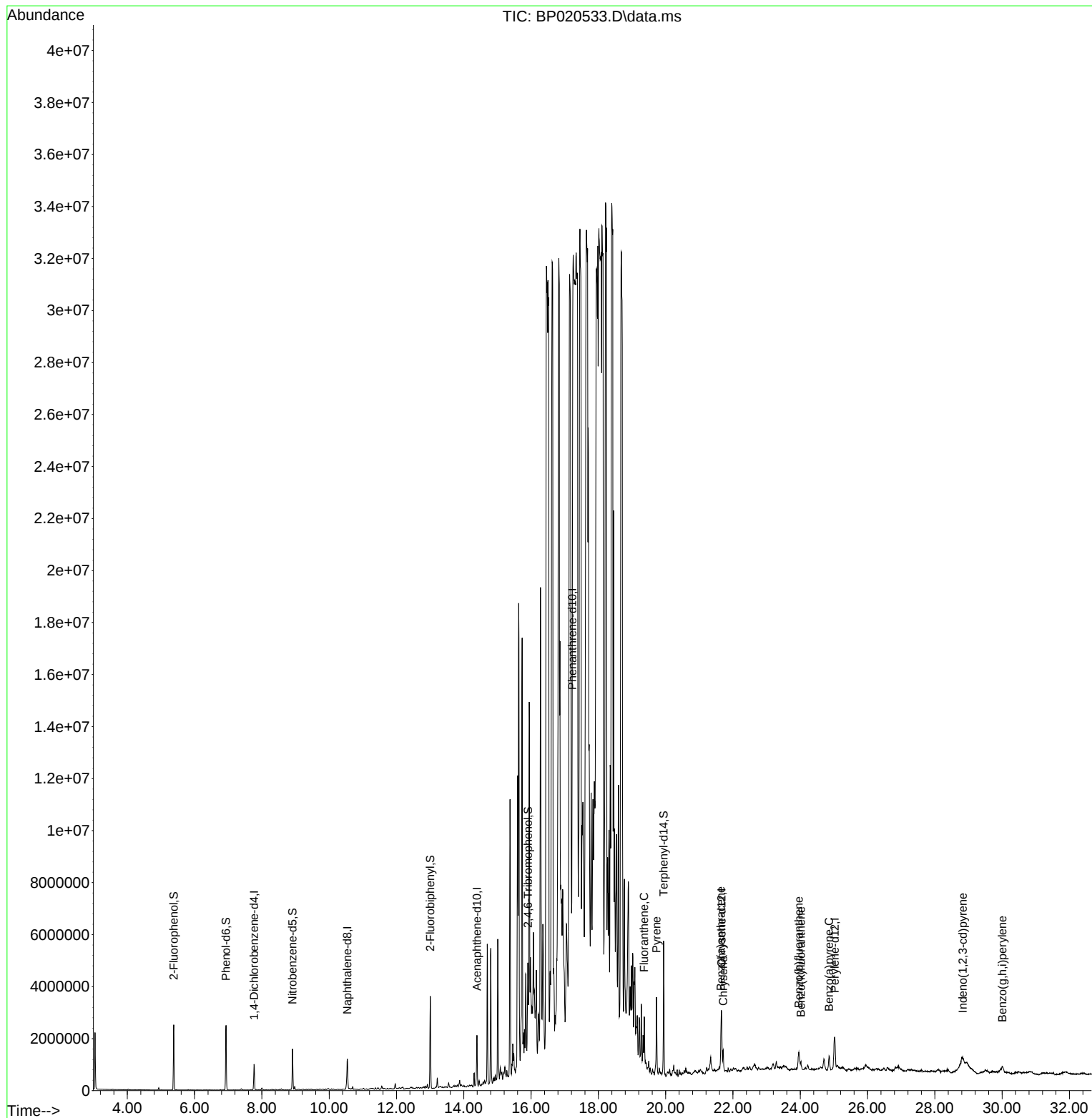
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020533.D
Acq On : 06 Jun 2024 02:25
Operator : MA/JU
Sample : P2668-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

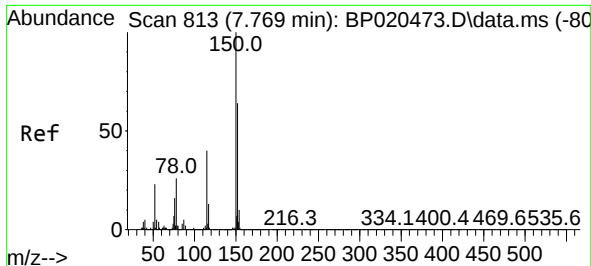
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Quant Time: Jun 06 03:19:35 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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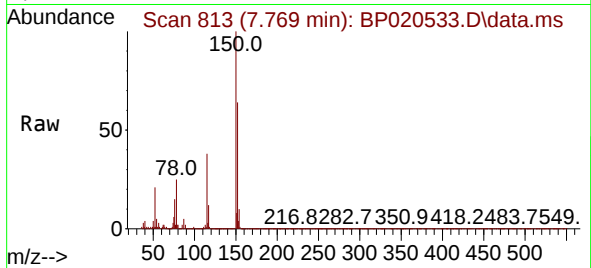
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25

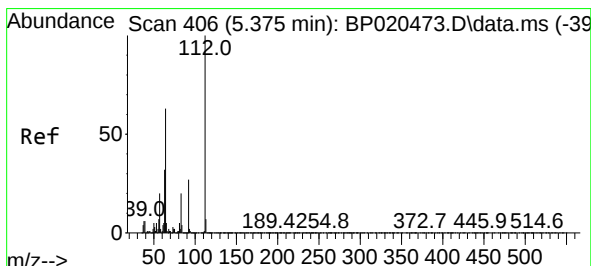
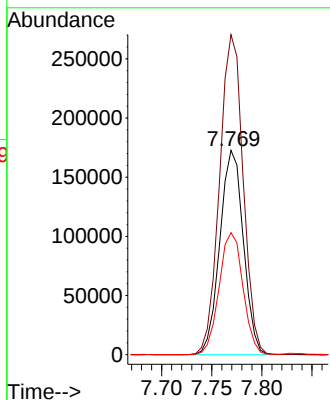
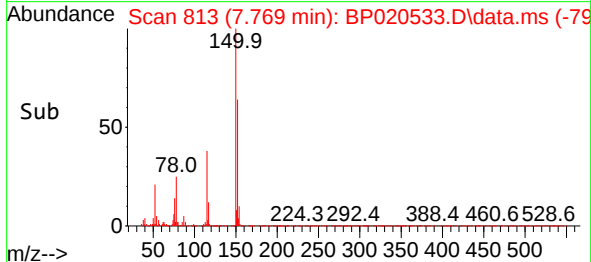
Instrument :
BNA_P
ClientSampleId :
WC-TP-2



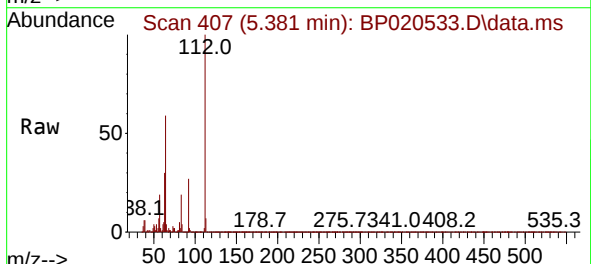
Tgt Ion:152 Resp: 281740
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 59.7 49.5 74.3

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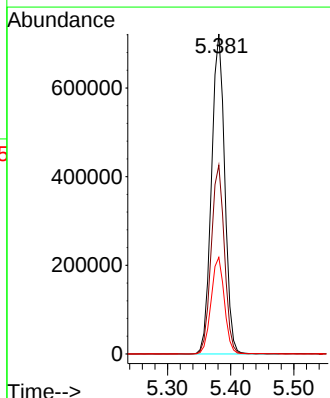
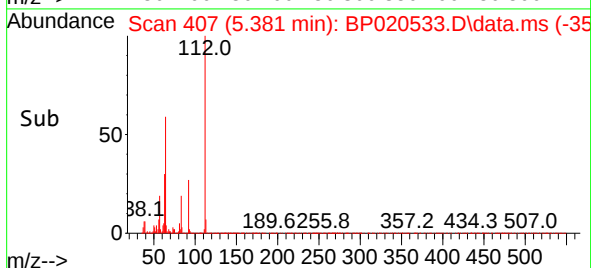
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

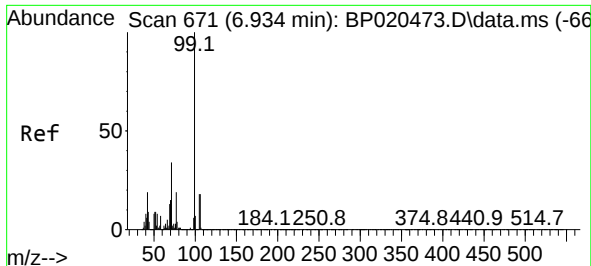


#5
2-Fluorophenol
Concen: 66.790 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25



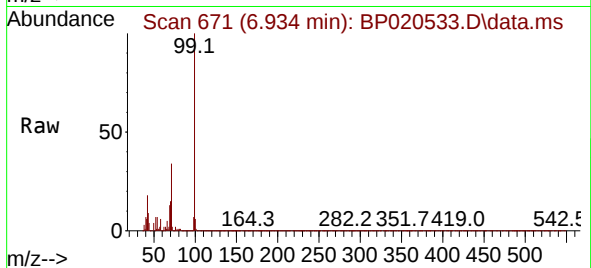
Tgt Ion:112 Resp: 1051004
Ion Ratio Lower Upper
112 100
64 59.0 50.1 75.1
63 30.2 25.7 38.5





#7
Phenol-d6
Concen: 61.770 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25

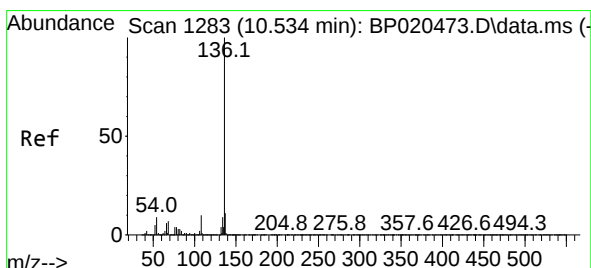
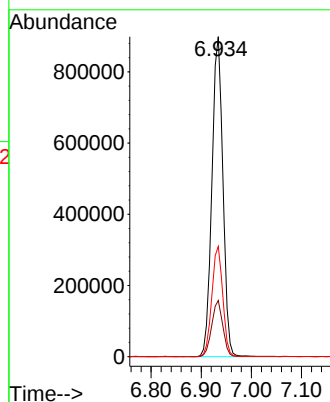
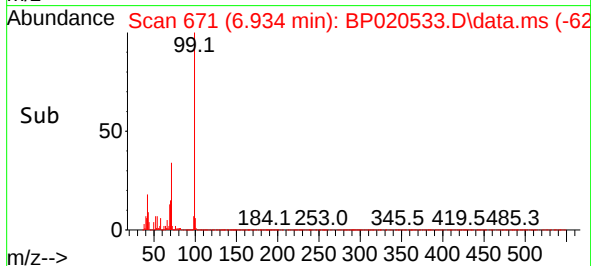
Instrument :
BNA_P
ClientSampleId :
WC-TP-2



Tgt Ion: 99 Resp: 137078
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.5 27.3 40.9

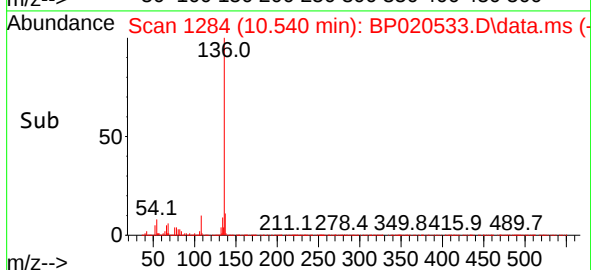
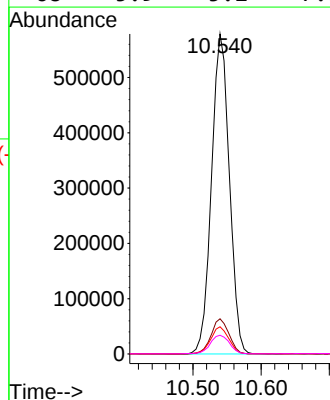
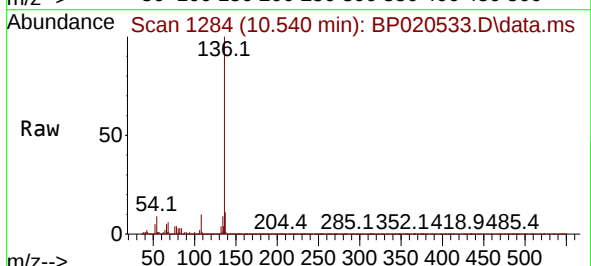
Manual Integrations
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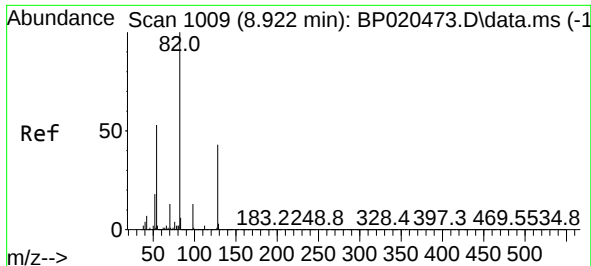
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25

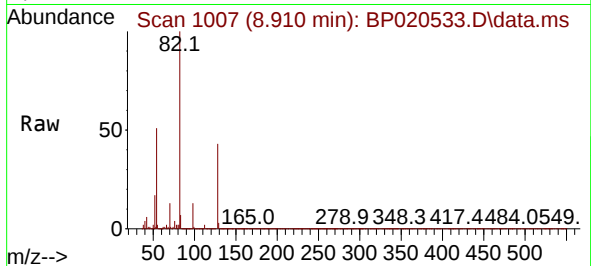
Tgt Ion:136 Resp: 1055073
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.4 11.0
68 5.9 5.2 7.8





#23
Nitrobenzene-d5
Concen: 44.416 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25

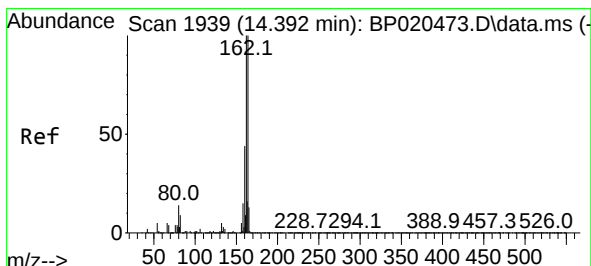
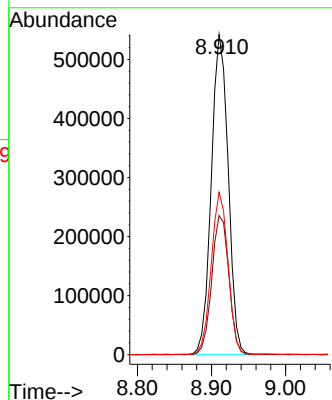
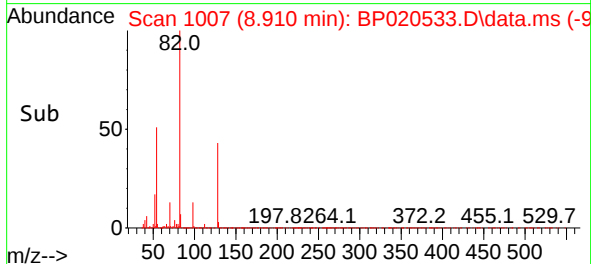
Instrument :
BNA_P
ClientSampleId :
WC-TP-2



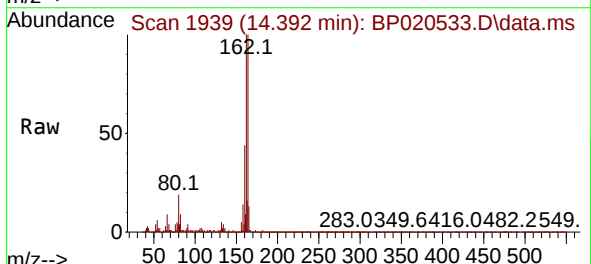
Tgt Ion: 82 Resp: 856080
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 50.8 42.7 64.1

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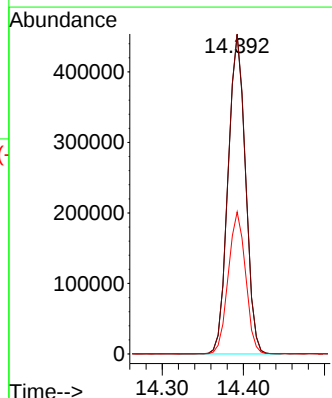
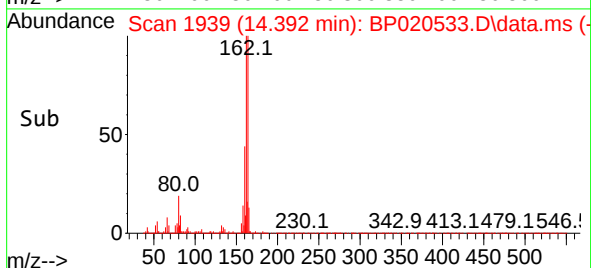
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

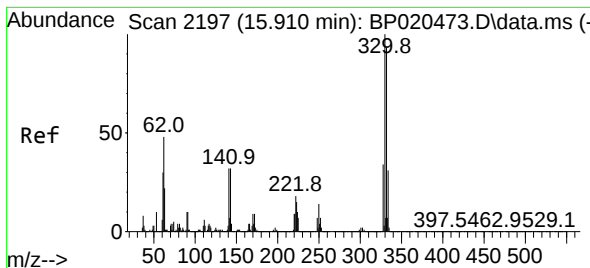


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020533.D
Acq: 06 Jun 2024 02:25



Tgt Ion:164 Resp: 673249
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 72.176 ng

RT: 15.910 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

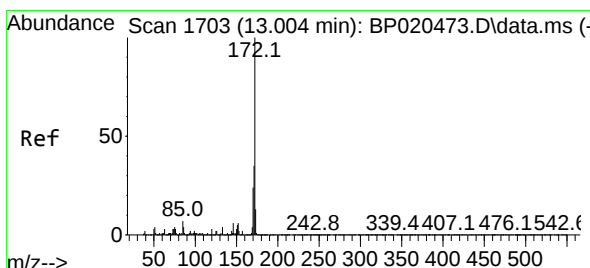
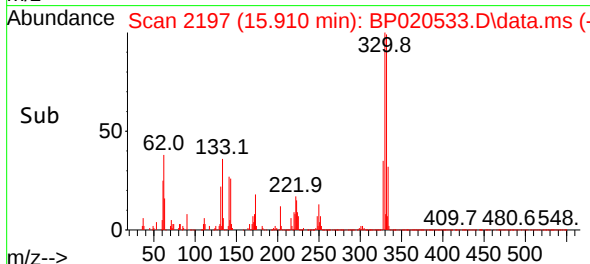
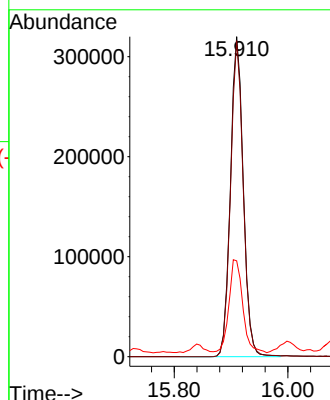
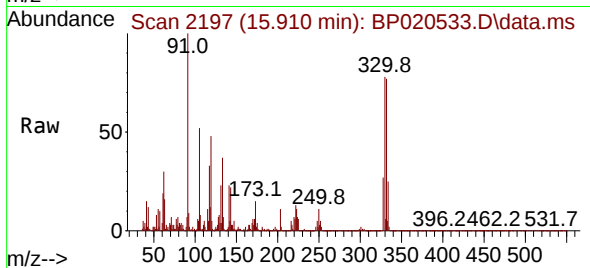
Tgt Ion: 330 Resp: 504294

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	31.0	27.1	40.7

Manual Integrations

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



#45

2-Fluorobiphenyl

Concen: 42.085 ng

RT: 13.004 min Scan# 1703

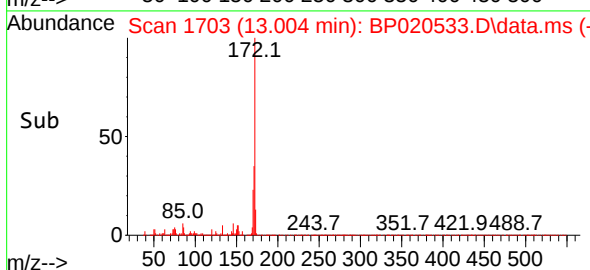
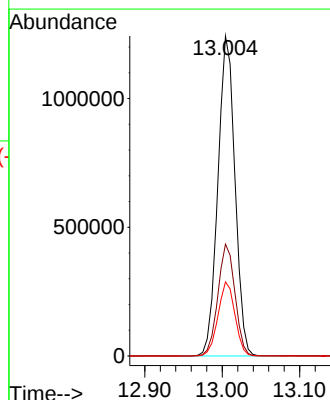
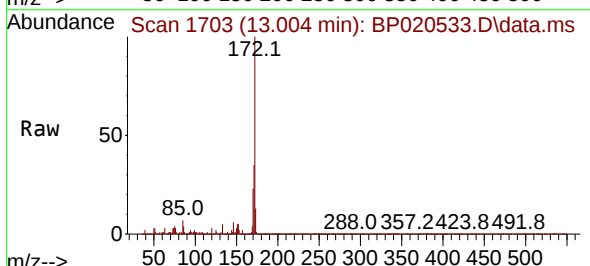
Delta R.T. -0.000 min

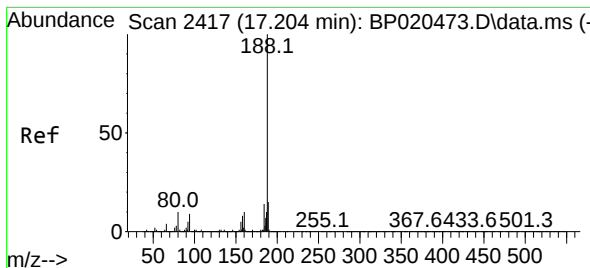
Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Tgt Ion: 172 Resp: 1900648

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.2	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 2417

Delta R.T. 0.018 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

Tgt Ion:188 Resp: 1230720

Ion Ratio Lower Upper

188 100

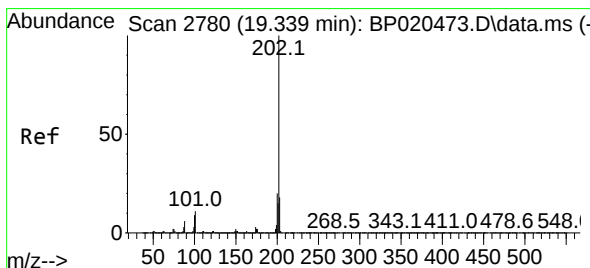
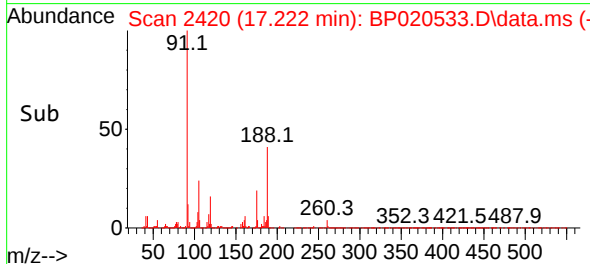
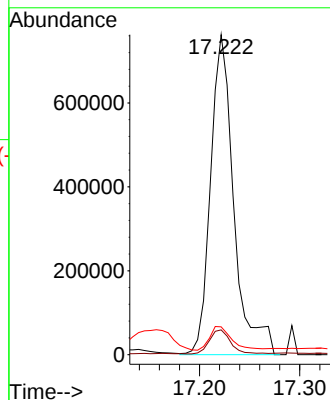
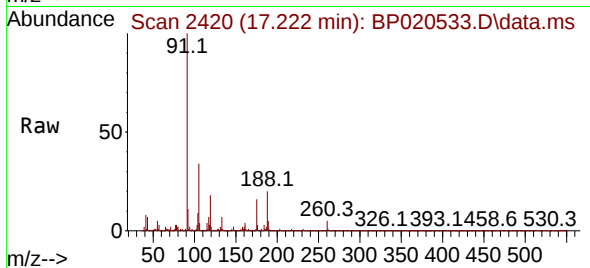
94 7.7 7.2 10.8

80 8.7 8.1 12.1

Manual Integrations

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



#75

Fluoranthene

Concen: 17.513 ng

RT: 19.363 min Scan# 2784

Delta R.T. 0.023 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

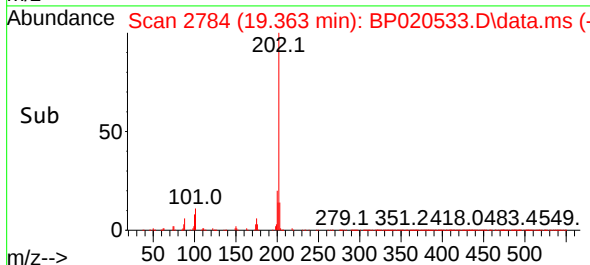
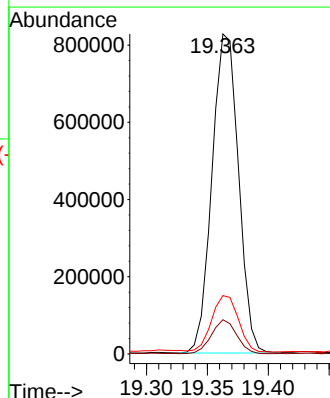
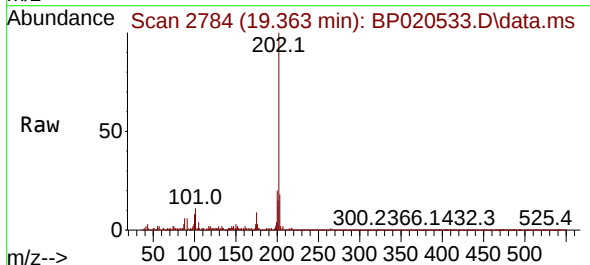
Tgt Ion:202 Resp: 1253418

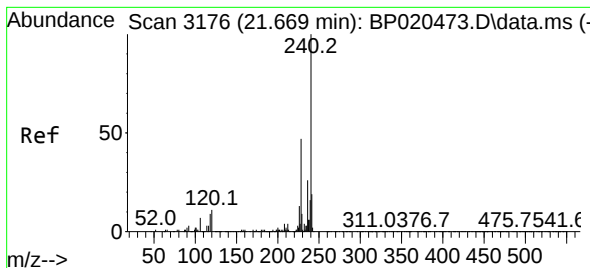
Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

203 18.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

Tgt Ion:240 Resp: 1324610

Ion Ratio Lower Upper

240 100

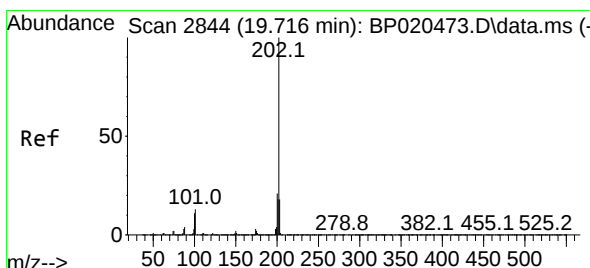
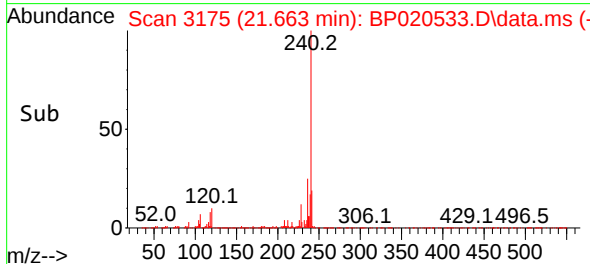
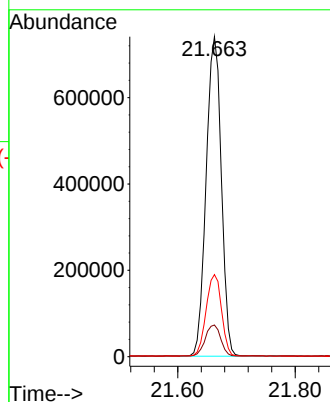
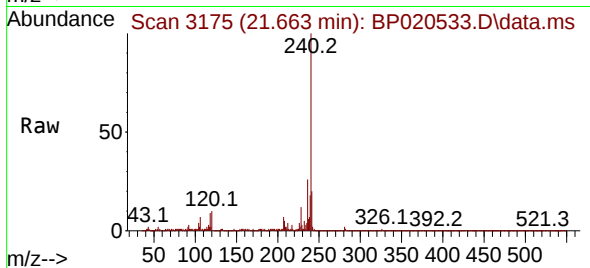
120 9.9 8.5 12.7

236 25.7 20.5 30.7

Manual Integrations

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



#78

Pyrene

Concen: 16.299 ng

RT: 19.727 min Scan# 2846

Delta R.T. 0.012 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

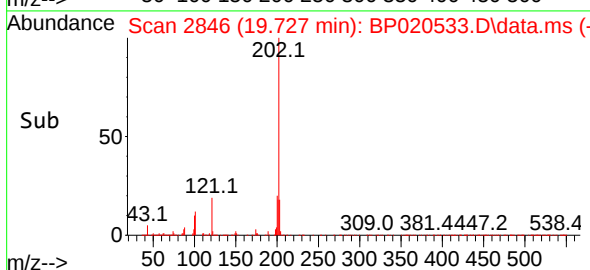
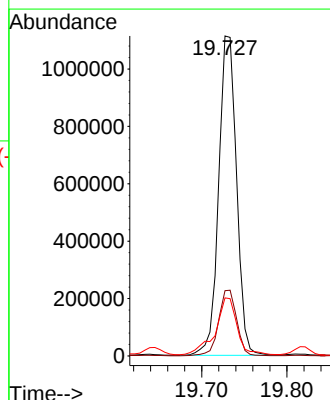
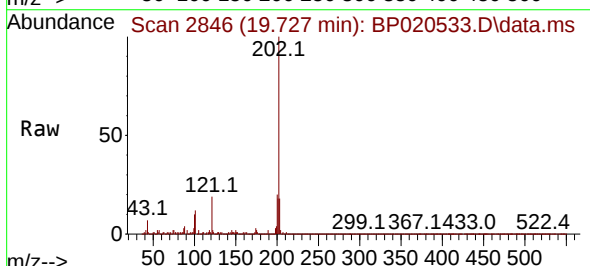
Tgt Ion:202 Resp: 1623967

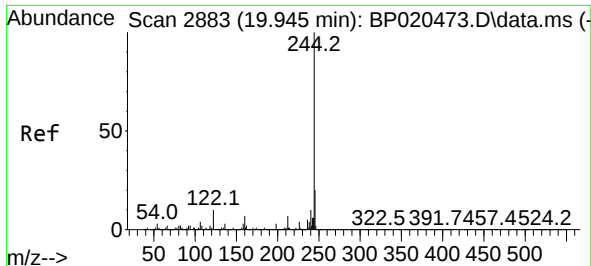
Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 18.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 36.656 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020533.D
 Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

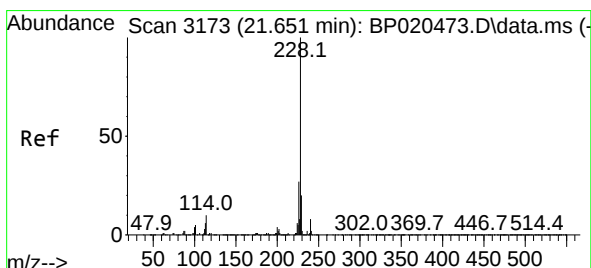
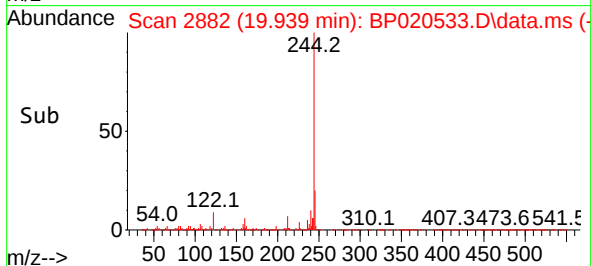
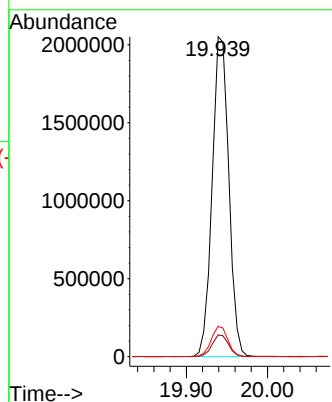
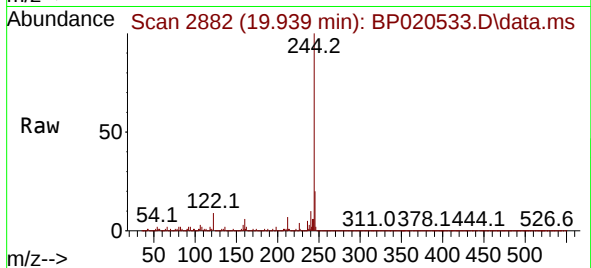
WC-TP-2

Tgt Ion:244 Resp: 2916738
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.5 8.2 12.2

Manual Integrations

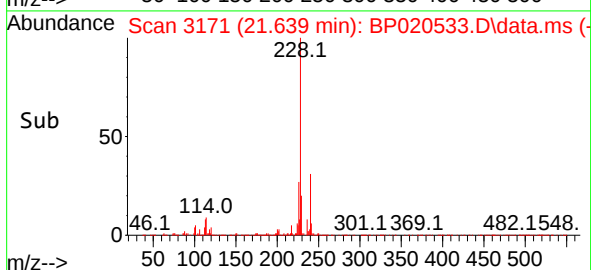
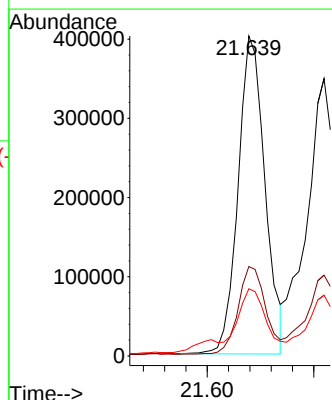
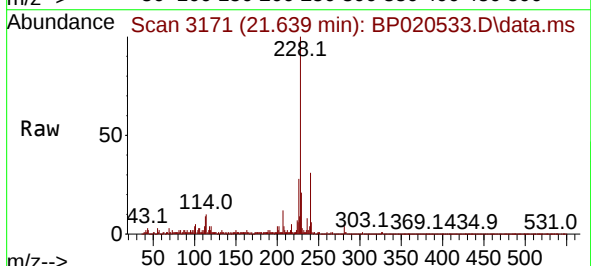
APPROVED

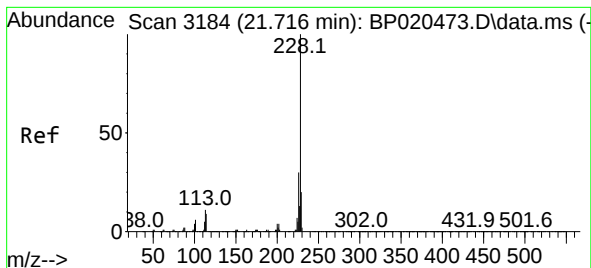
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



#81
 Benzo(a)anthracene
 Concen: 8.072 ng
 RT: 21.639 min Scan# 3171
 Delta R.T. -0.012 min
 Lab File: BP020533.D
 Acq: 06 Jun 2024 02:25

Tgt Ion:228 Resp: 704007
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.7 32.5
 229 21.0 15.8 23.6





#83

Chrysene

Concen: 8.096 ng

RT: 21.710 min Scan# 3184

Delta R.T. -0.006 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

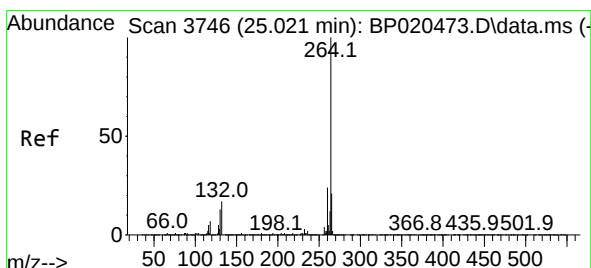
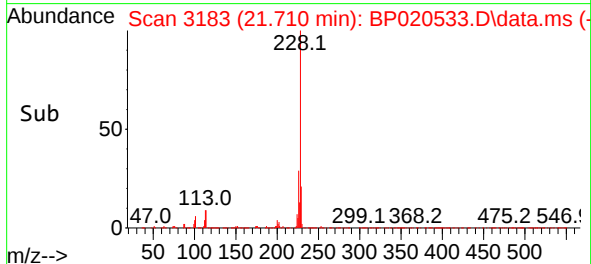
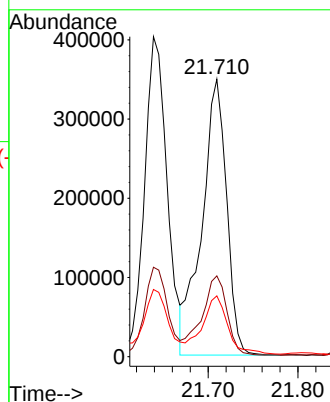
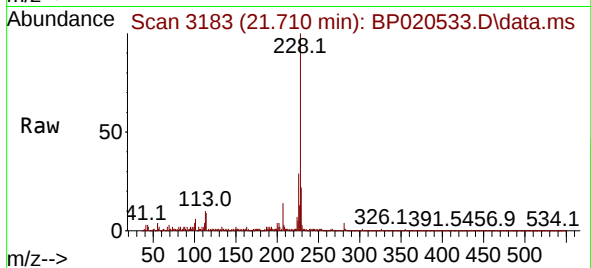
WC-TP-2

Tgt Ion:228	Resp: 665350
Ion Ratio	Lower Upper
228 100	
226 29.1	24.0 36.0
229 21.9	15.7 23.5

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

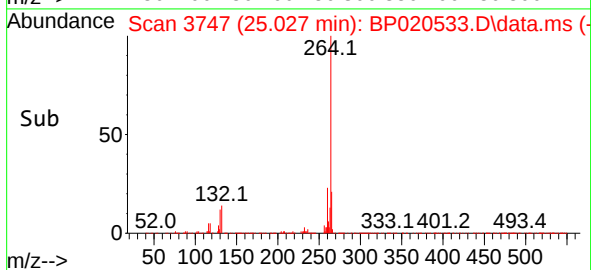
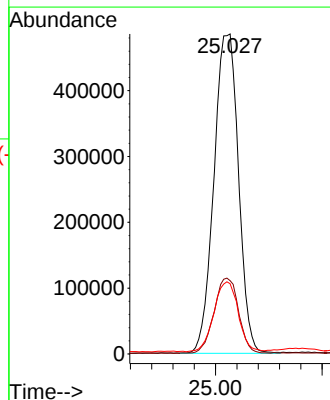
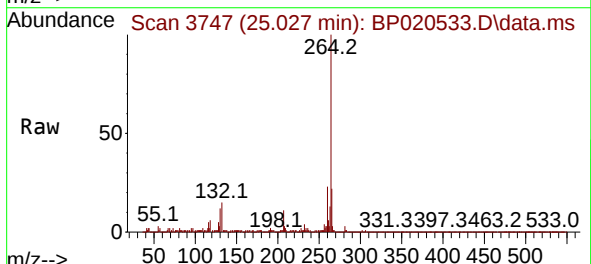
RT: 25.027 min Scan# 3747

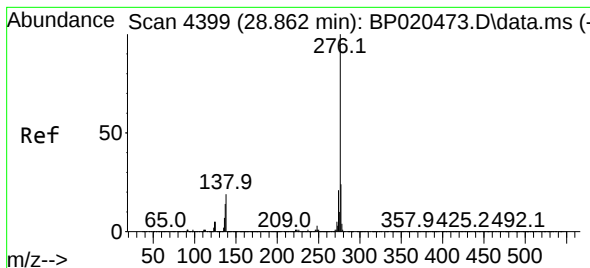
Delta R.T. 0.006 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Tgt Ion:264	Resp: 1553234
Ion Ratio	Lower Upper
264 100	
260 22.9	18.9 28.3
265 22.0	17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.401 ng

RT: 28.833 min Scan# 41

Delta R.T. -0.030 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

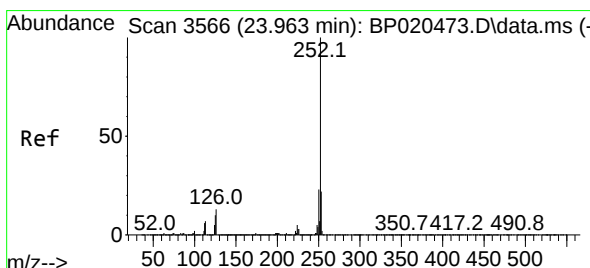
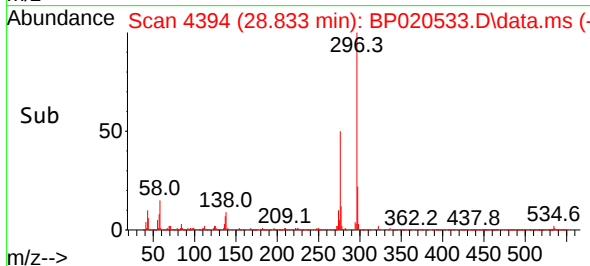
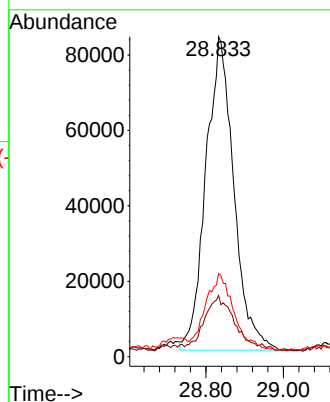
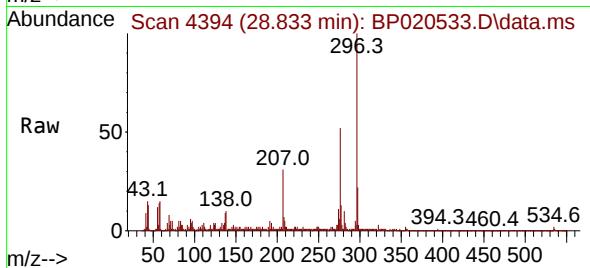
WC-TP-2

Tgt Ion:	276	Resp:	41572
Ion Ratio	Lower	Upper	
276	100		
138	16.5	12.8	19.2
277	25.3	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: 9.028 ng

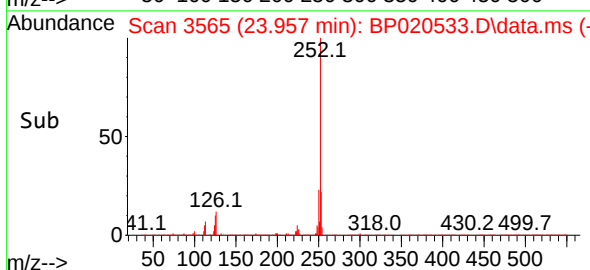
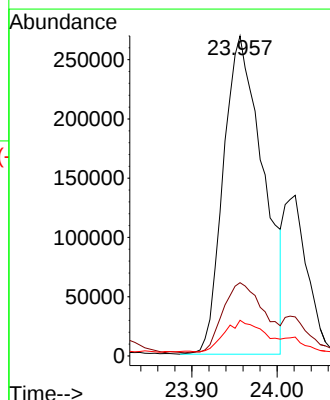
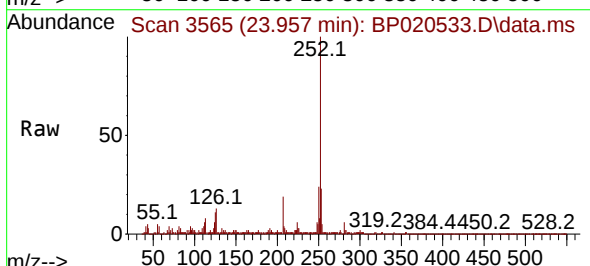
RT: 23.957 min Scan# 3565

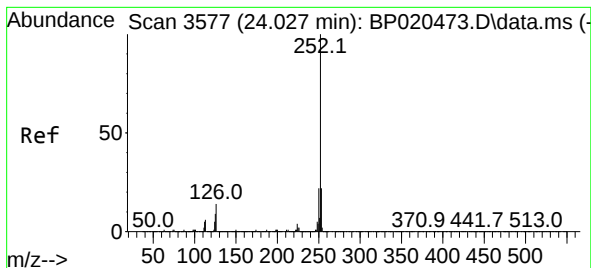
Delta R.T. -0.006 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Tgt Ion:	252	Resp:	873615
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	11.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.740 ng m

RT: 24.021 min Scan# 3577

Delta R.T. -0.006 min

Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

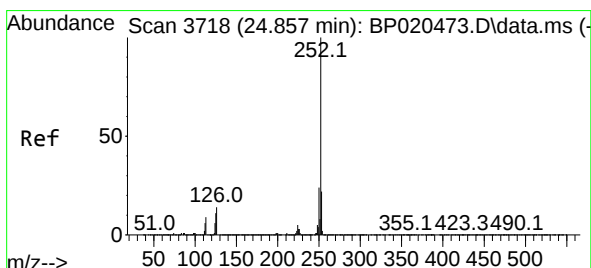
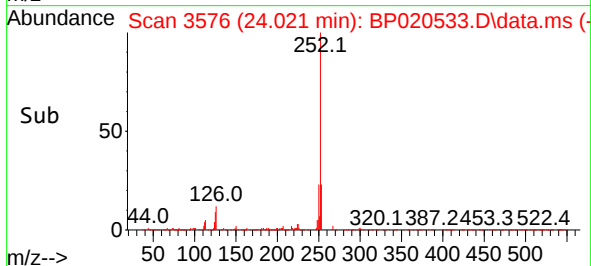
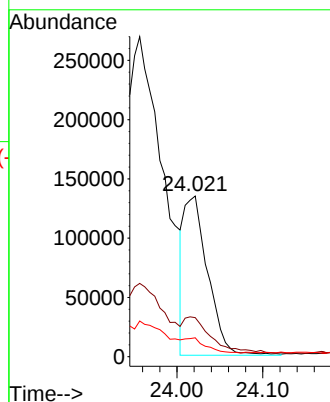
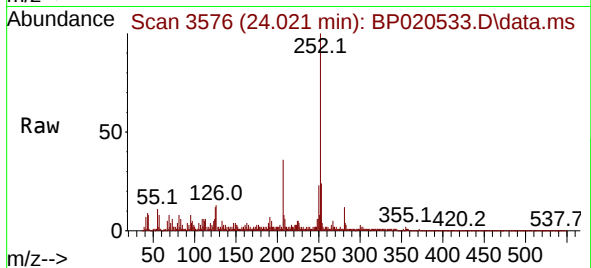
Tgt Ion:252 Resp: 258610

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	11.7	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: 7.349 ng

RT: 24.856 min Scan# 3718

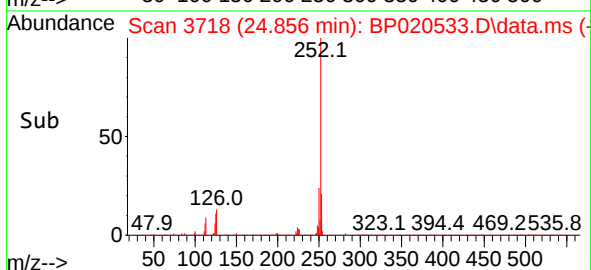
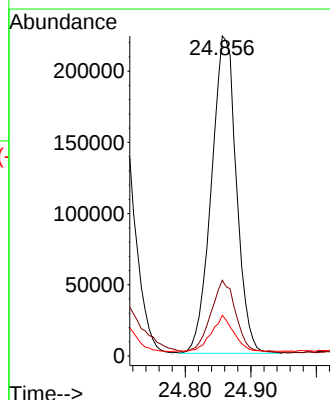
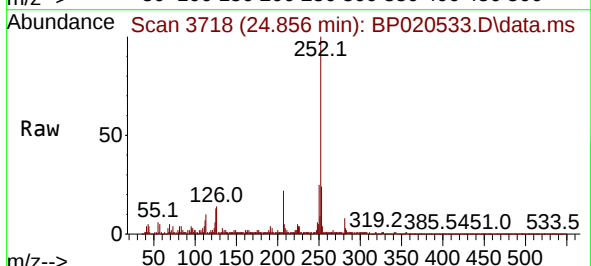
Delta R.T. -0.000 min

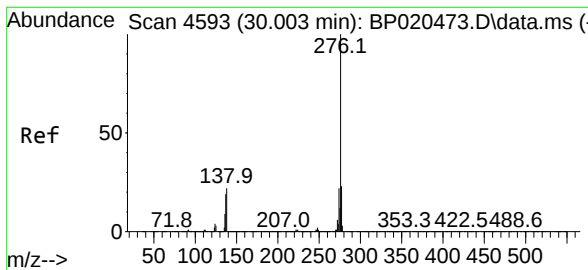
Lab File: BP020533.D

Acq: 06 Jun 2024 02:25

Tgt Ion:252 Resp: 588933

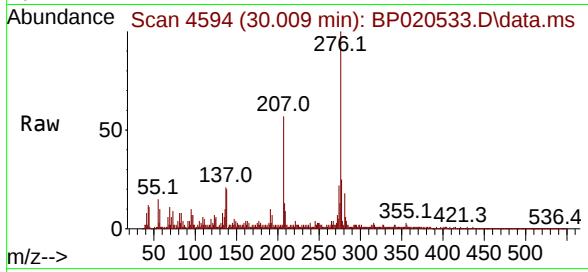
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.7	8.9	13.3





#92
 Benzo(g,h,i)perylene
 Concen: 5.277 ng
 RT: 30.009 min Scan# 41555
 Delta R.T. 0.006 min
 Lab File: BP020533.D
 Acq: 06 Jun 2024 02:25

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2



Tgt Ion: 276 Resp: 41555

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.7	28.1
138	20.2	17.7	26.5

Manual Integrations
 APPROVED

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

