

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022381.D
 Acq On : 15 Oct 2024 09:01
 Operator : RC/JU
 Sample : P4264-03DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 09:47:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	95359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	375989	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	298692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	739287	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	809912	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	964568	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	726	0.296	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	15163	1.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	10093	2.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	11494	2.018	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	9495	1.482	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	6341	2.193	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	7450	2.226	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	15795m	2.220	ng/u1	0.01
31) 4-Chloroaniline-d4	10.599	131	15006	1.785	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	59003	2.486	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	61020	2.421	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	5579	1.401	ng/u1	0.01
60) Fluorene-d10	15.310	176	55563	2.699	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	4684	0.963	ng/u1	0.02
73) Anthracene-d10	17.222	188	89973	2.587	ng/u1	0.02
81) Pyrene-d10	19.592	212	110878	2.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	104822	2.035	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.516	128	6689744	334.049	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	828320	56.347	ng/u1	99
37) 1-Methylnaphthalene	12.334	142	876342	58.406	ng/u1	98
52) Acenaphthene	14.387	153	1119081	60.496	ng/u1	100
61) Fluorene	15.381	166	1234792	54.539	ng/u1	98
72) Phenanthrene	17.175	178	12942513	327.223	ng/u1	98
74) Anthracene	17.251	178	897827	22.746	ng/u1	100
80) Fluoranthene	19.257	202	8079314	164.088	ng/u1	98
82) Pyrene	19.633	202	4678380	88.651	ng/u1	97
85) Benzo(a)anthracene	21.539	228	1570657	27.663	ng/u1	99
87) Chrysene	21.604	228	1238417	23.523	ng/u1	99
90) Benzo(b)fluoranthene	23.798	252	922438m	15.193	ng/u1	
91) Benzo(k)fluoranthene	23.874	252	309208	5.202	ng/u1	98
93) Benzo(a)pyrene	24.692	252	276722	4.952	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	138795	1.861	ng/u1	96

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

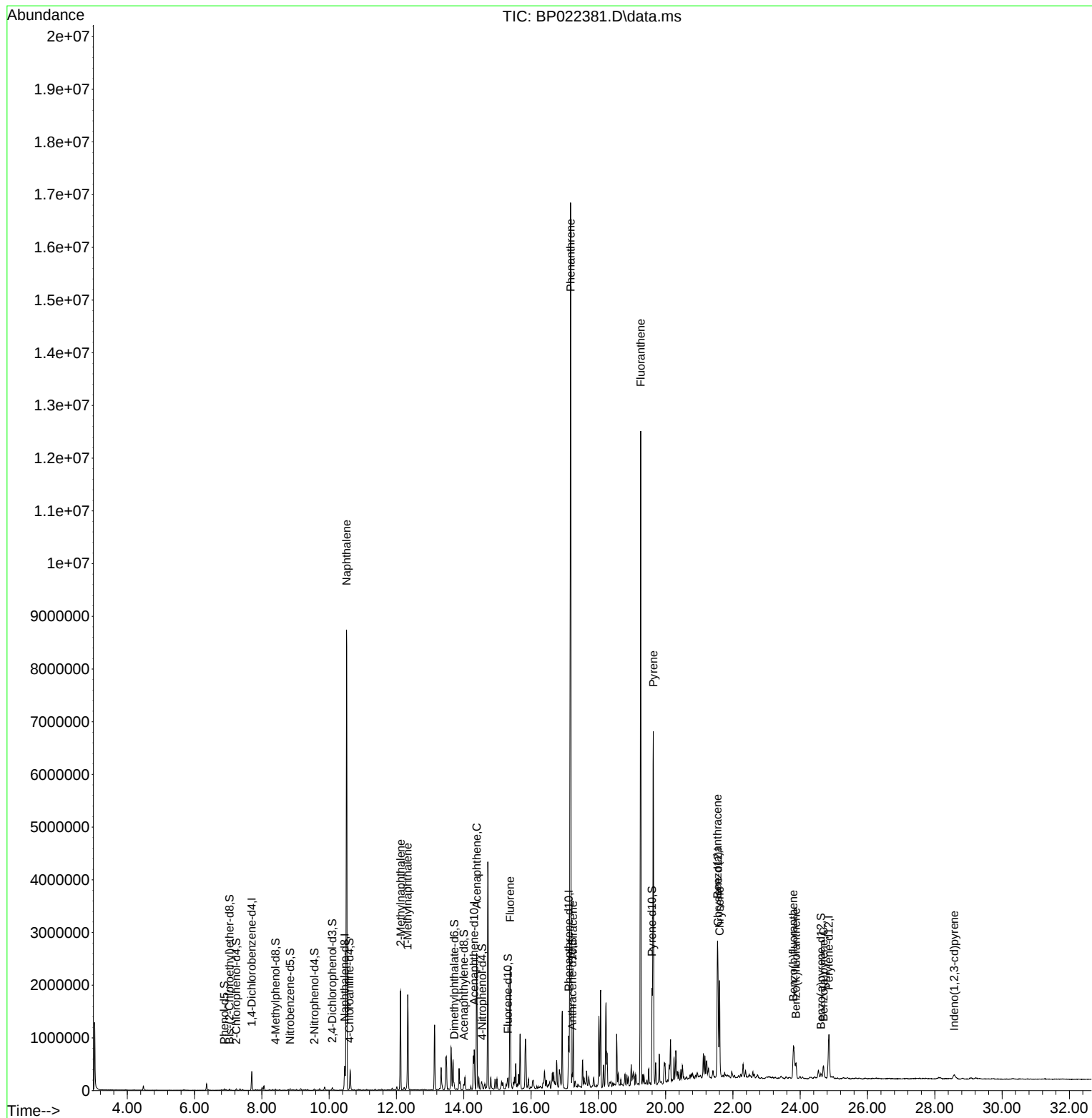
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022381.D
Acq On : 15 Oct 2024 09:01
Operator : RC/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

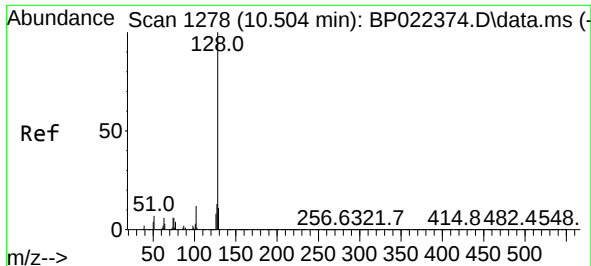
Instrument :
BNA_P
ClientSampleId :
DCYN7DL

Quant Time: Oct 15 09:47:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

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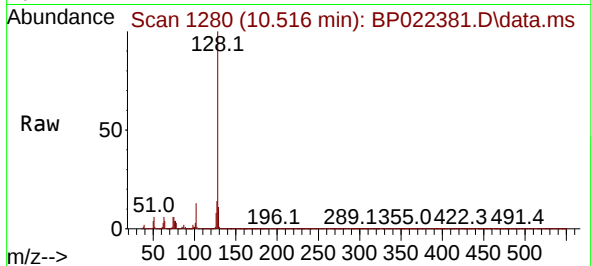
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024





#30
Naphthalene
Concen: 334.049 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.012 min
Lab File: BP022381.D
Acq: 15 Oct 2024 09:01

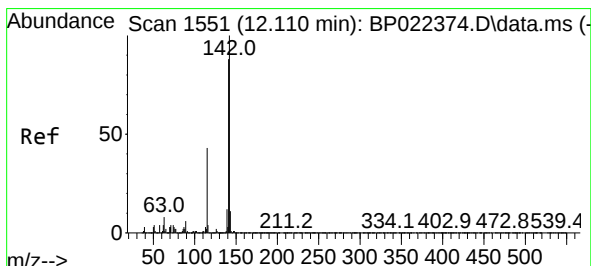
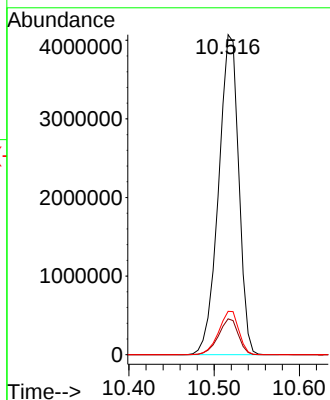
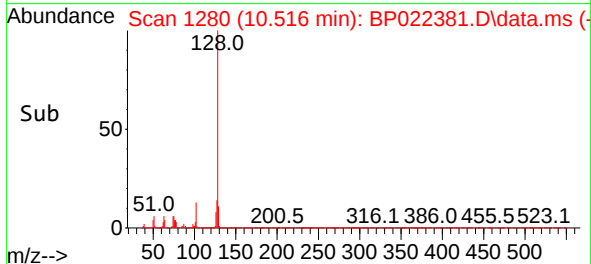
Instrument :
BNA_P
ClientSampleId :
DCYN7DL



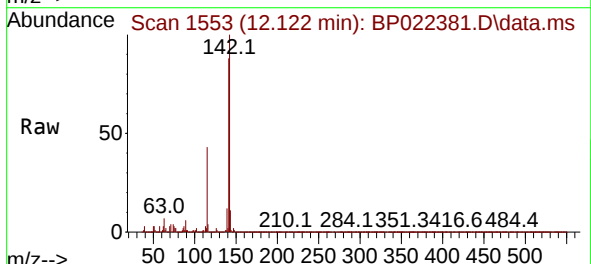
Tgt Ion:128 Resp: 6689744
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.5 9.9 14.9

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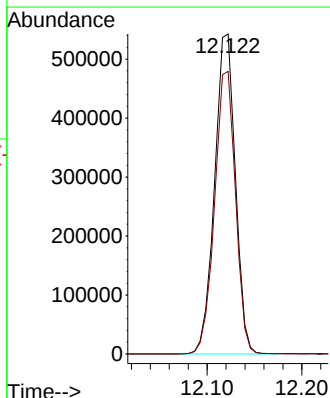
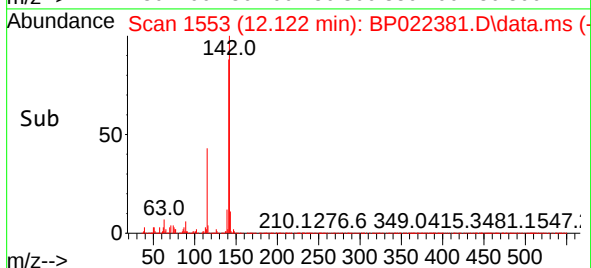
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

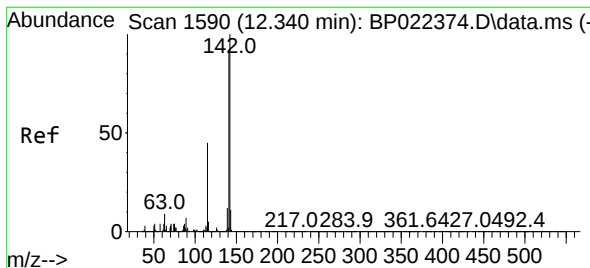


#36
2-Methylnaphthalene
Concen: 56.347 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. 0.012 min
Lab File: BP022381.D
Acq: 15 Oct 2024 09:01



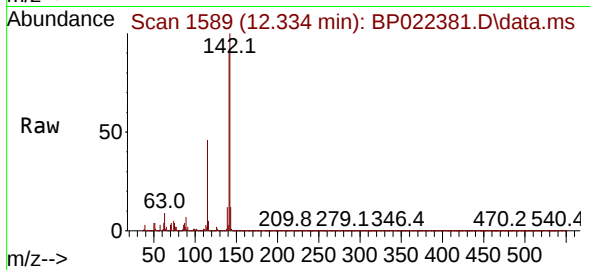
Tgt Ion:142 Resp: 828320
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6





#37
1-Methylnaphthalene
Concen: 58.406 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP022381.D
Acq: 15 Oct 2024 09:01

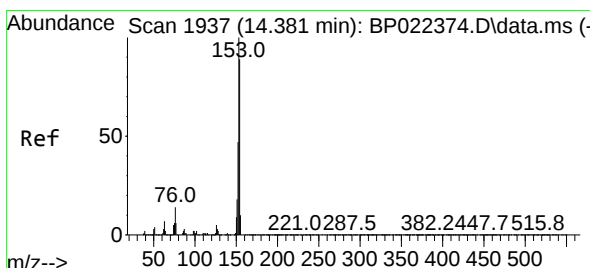
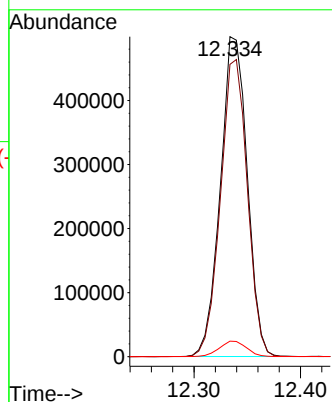
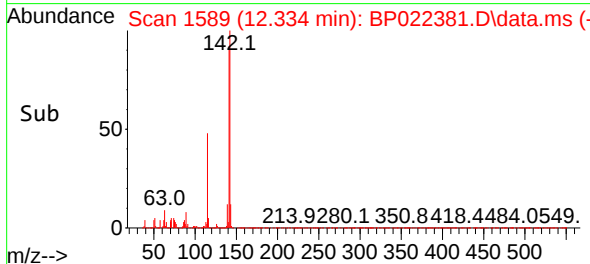
Instrument :
BNA_P
ClientSampleId :
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Ion Ratio Lower Upper
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141 91.3 74.8 112.2
116 4.9 4.1 6.1

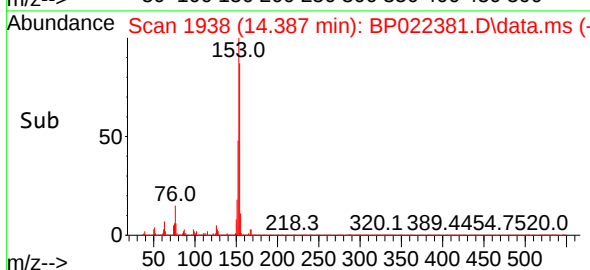
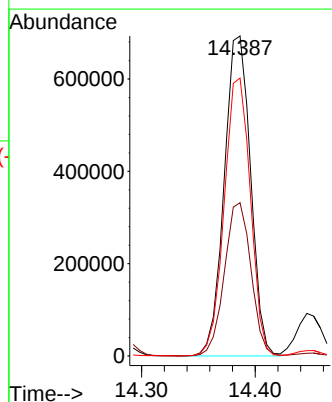
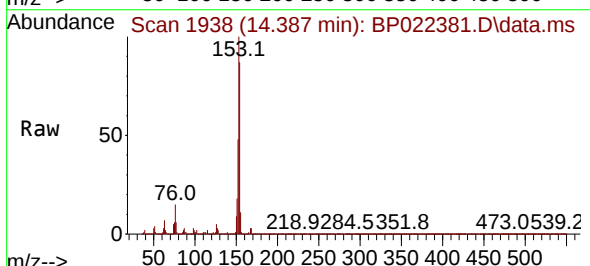
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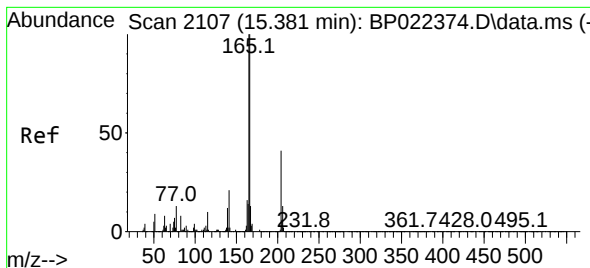
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#52
Acenaphthene
Concen: 60.496 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BP022381.D
Acq: 15 Oct 2024 09:01

Tgt Ion:153 Resp: 1119081
Ion Ratio Lower Upper
153 100
152 47.9 37.8 56.6
154 86.8 69.5 104.3





#61

Fluorene

Concen: 54.539 ng/u1

RT: 15.381 min Scan# 2107

Delta R.T. 0.006 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

Instrument :

BNA_P

ClientSampleId :

DCYN7DL

Tgt Ion:166 Resp: 1234792

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

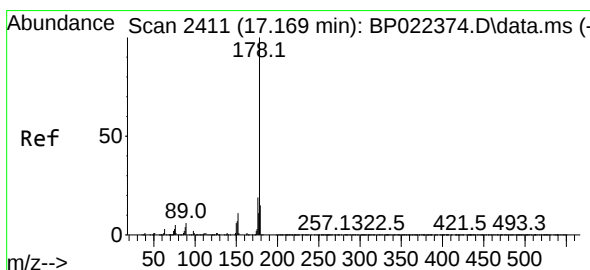
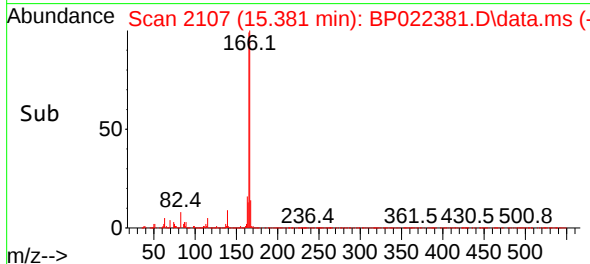
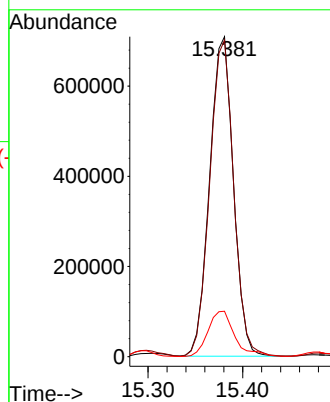
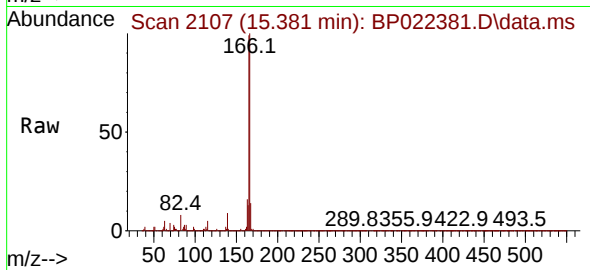
167 14.2 11.1 16.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#72

Phenanthrene

Concen: 327.223 ng/u1

RT: 17.175 min Scan# 2412

Delta R.T. 0.024 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

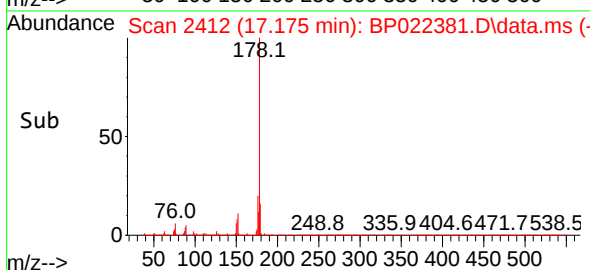
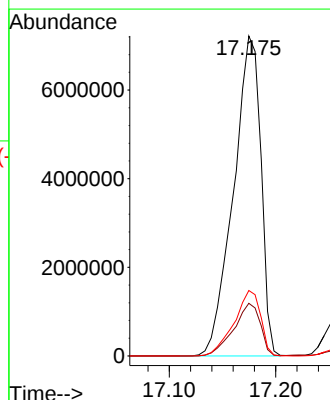
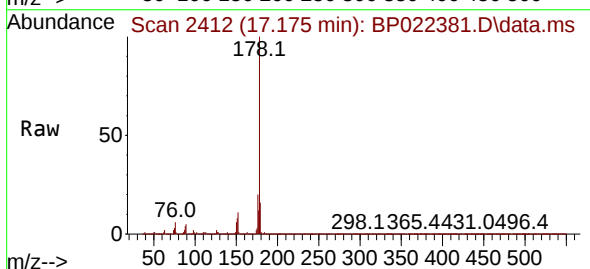
Tgt Ion:178 Resp:12942513

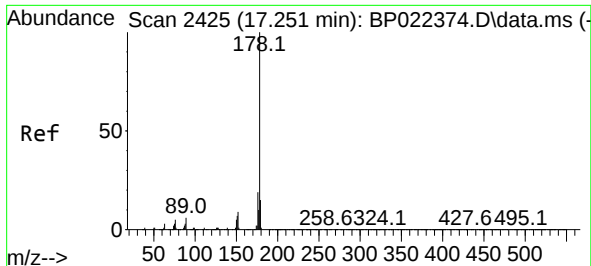
Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

176 20.4 15.7 23.5





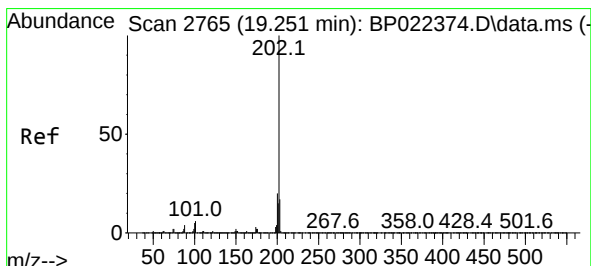
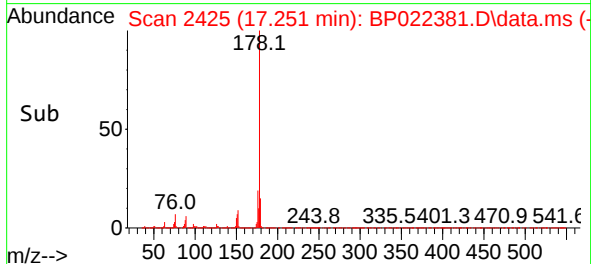
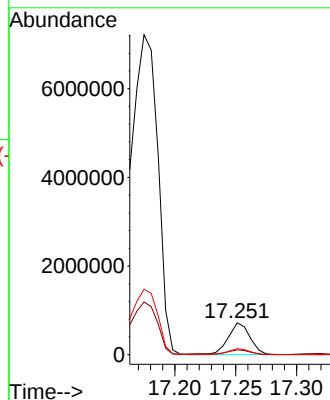
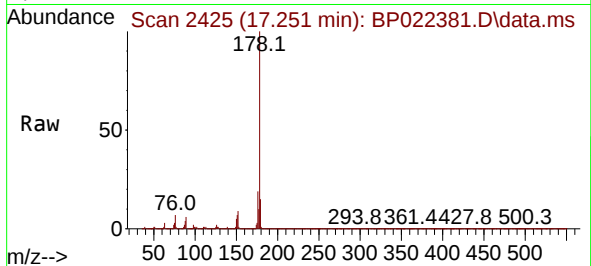
#74
 Anthracene
 Concen: 22.746 ng/ul
 RT: 17.251 min Scan# 2425
 Delta R.T. 0.006 min
 Lab File: BP022381.D
 Acq: 15 Oct 2024 09:01

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7DL

Tgt Ion:178 Resp: 89782
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.0 18.0
 176 18.6 15.0 22.4

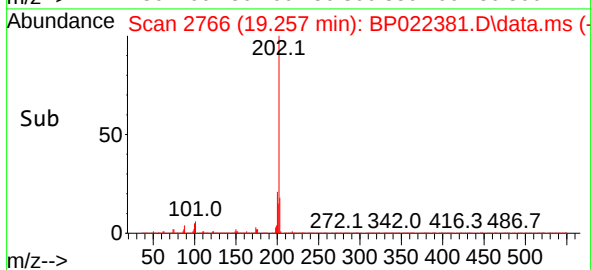
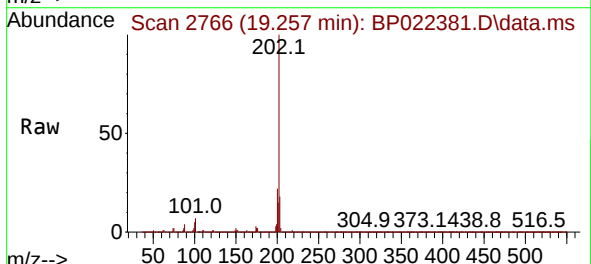
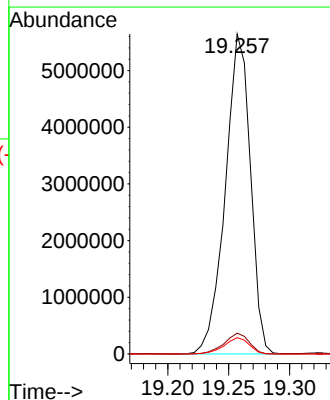
Manual Integrations
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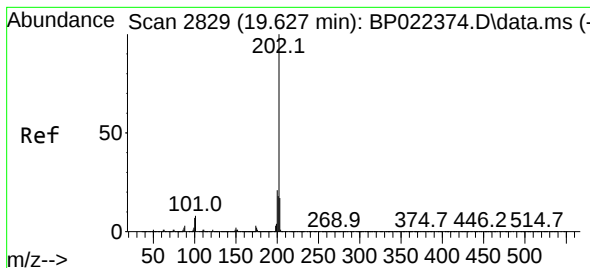
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



#80
 Fluoranthene
 Concen: 164.088 ng/ul
 RT: 19.257 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP022381.D
 Acq: 15 Oct 2024 09:01

Tgt Ion:202 Resp: 8079314
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.8 8.8
 100 5.1 4.5 6.7





#82

Pyrene

Concen: 88.651 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

Instrument :

BNA_P

ClientSampleId :

DCYN7DL

Tgt Ion:202 Resp: 467838

Ion Ratio Lower Upper

202 100

101 7.2 6.7 10.1

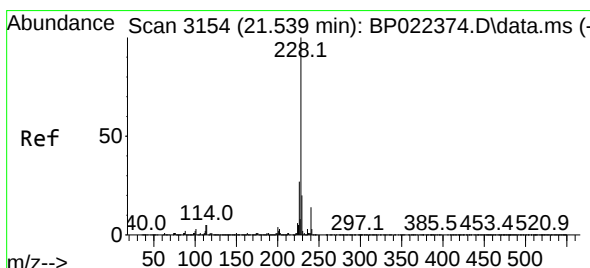
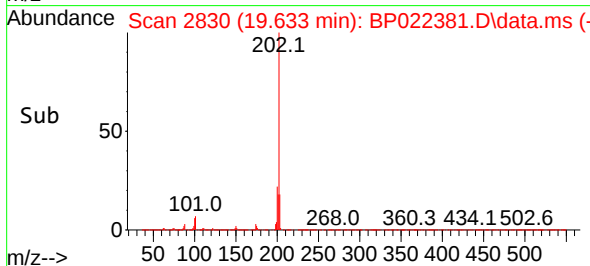
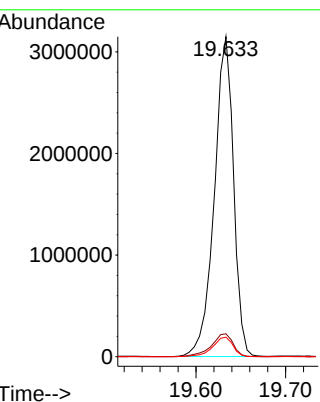
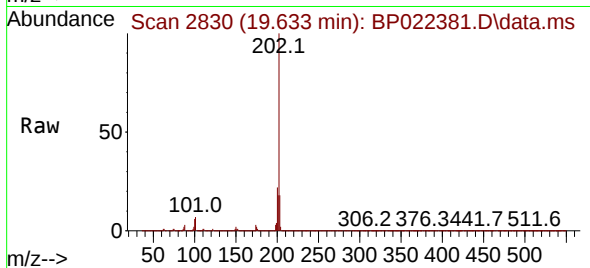
100 6.1 5.8 8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#85

Benzo(a)anthracene

Concen: 27.663 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

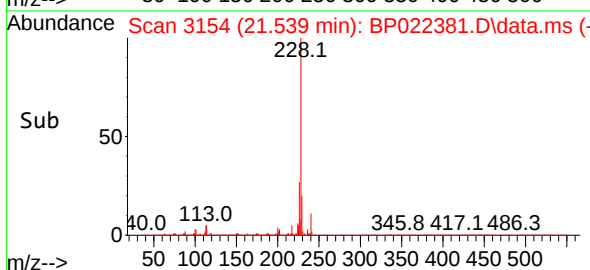
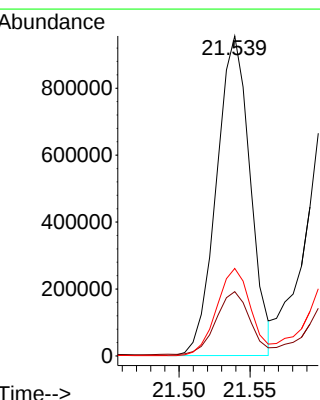
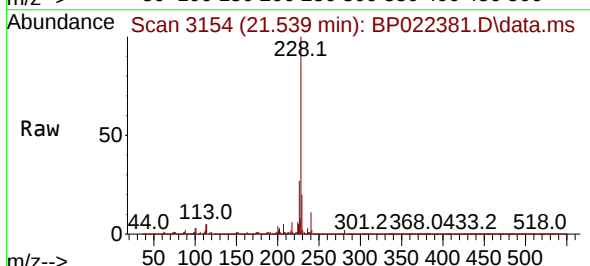
Tgt Ion:228 Resp: 1570657

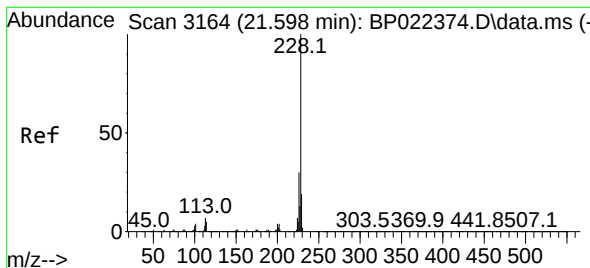
Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

226 27.3 21.5 32.3





#87

Chrysene

Concen: 23.523 ng/ul

RT: 21.604 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

Instrument :

BNA_P

ClientSampleId :

DCYN7DL

Tgt Ion:228 Resp: 123841

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

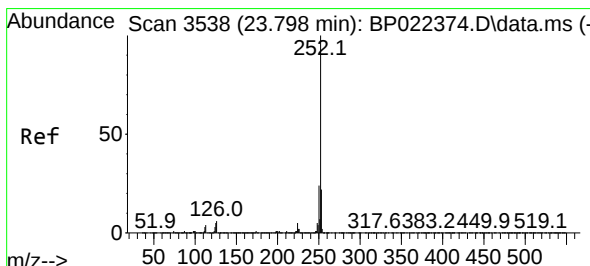
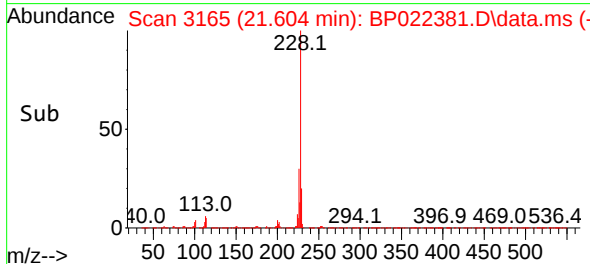
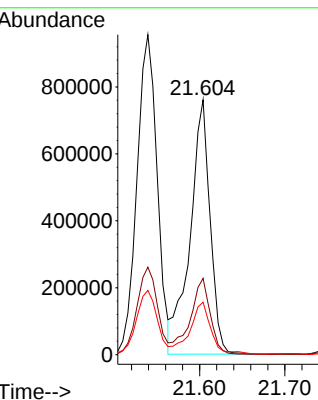
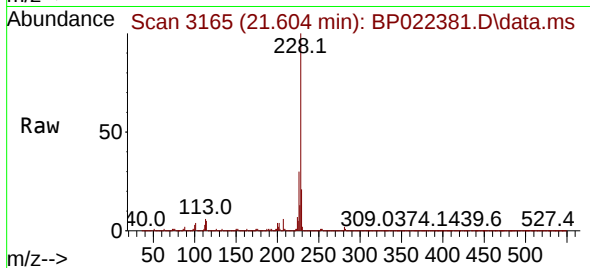
229 20.6 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#90

Benzo(b)fluoranthene

Concen: 15.193 ng/ul m

RT: 23.798 min Scan# 3538

Delta R.T. -0.018 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

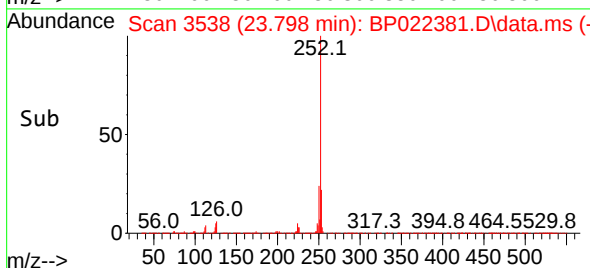
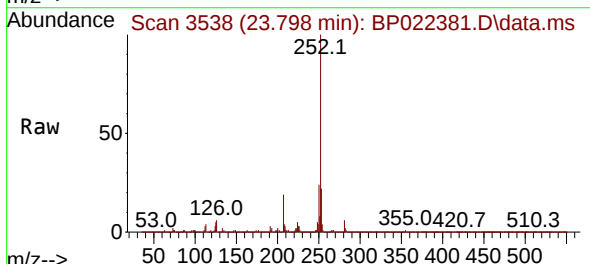
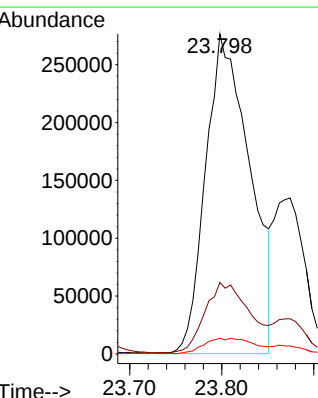
Tgt Ion:252 Resp: 922438

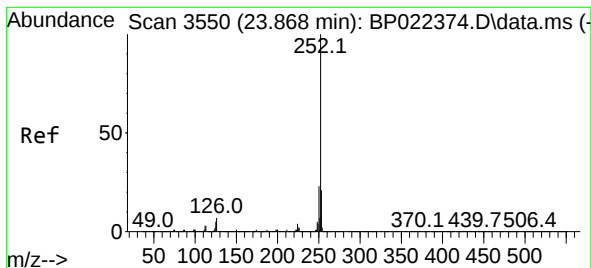
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 4.9 5.0 7.4#





#91

Benzo(k)fluoranthene

Concen: 5.202 ng/u1

RT: 23.874 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

Instrument :

BNA_P

ClientSampleId :

DCYN7DL

Tgt Ion:252 Resp: 309208

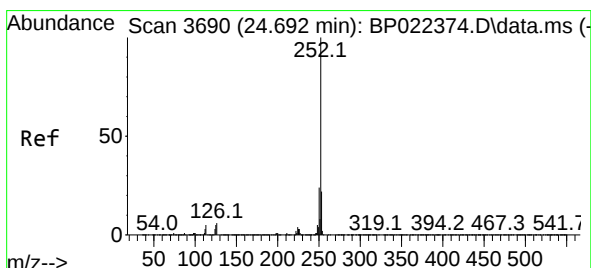
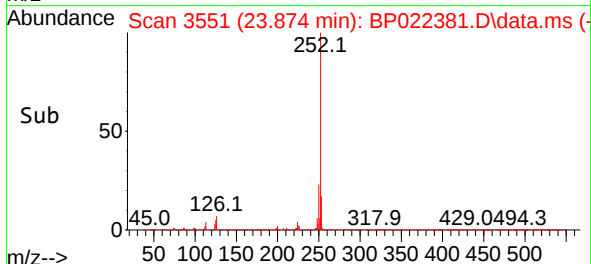
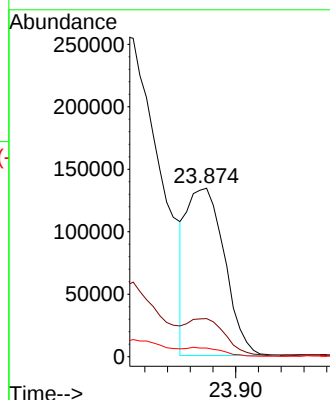
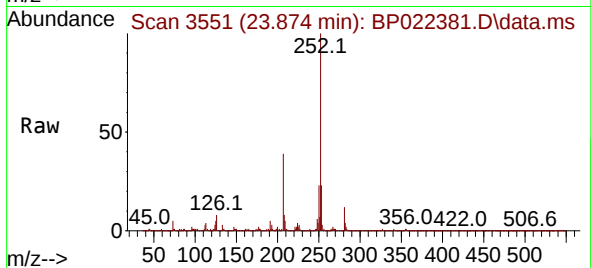
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	5.1	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#93

Benzo(a)pyrene

Concen: 4.952 ng/u1

RT: 24.692 min Scan# 3690

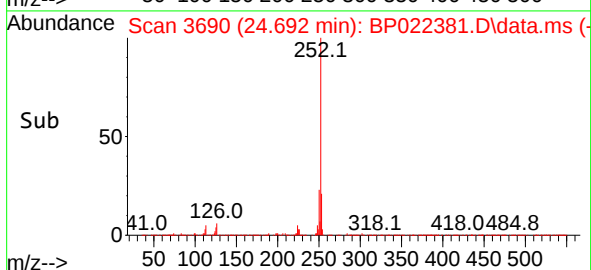
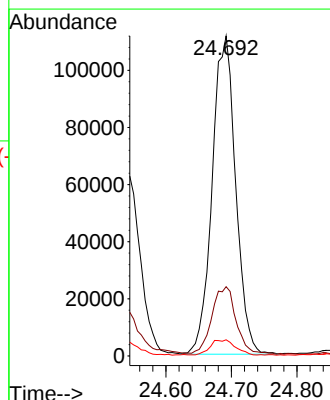
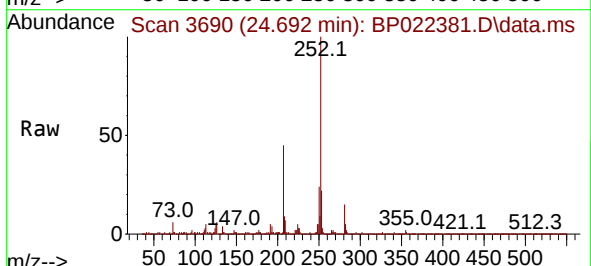
Delta R.T. -0.012 min

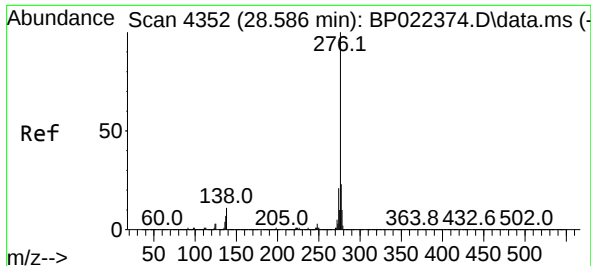
Lab File: BP022381.D

Acq: 15 Oct 2024 09:01

Tgt Ion:252 Resp: 276722

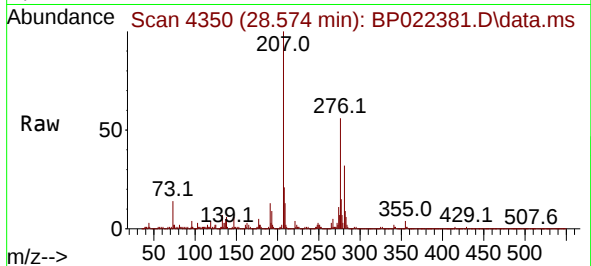
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.1	4.9	7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.861 ng/ul
 RT: 28.574 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BP022381.D
 Acq: 15 Oct 2024 09:01

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7DL



Tgt Ion: 276 Resp: 138795
 Ion Ratio Lower Upper
 276 100
 138 10.4 9.1 13.7
 277 25.7 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

