

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021561.D
 Acq On : 19 Aug 2024 20:20
 Operator : RC/JU
 Sample : P3518-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-14-080724

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 20 00:09:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	422639	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1779954	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	1119364	20.000	ng	0.01
64) Phenanthrene-d10	17.263	188	2288861	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1977163	20.000	ng	0.02
86) Perylene-d12	25.157	264	2307034	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2705263	95.044	ng	0.00
7) Phenol-d6	6.969	99	3858865	92.937	ng	0.00
23) Nitrobenzene-d5	8.952	82	2323326	67.372	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1304947	104.747	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3422329	46.661	ng	0.00
79) Terphenyl-d14	19.992	244	4740871	46.583	ng	0.02
Target Compounds						Qvalue
75) Fluoranthene	19.398	202	640447	4.742	ng	99
78) Pyrene	19.775	202	582935	4.511	ng	99
81) Benzo(a)anthracene	21.704	228	288852	2.327	ng	92
83) Chrysene	21.775	228	359231m	3.065	ng	
88) Benzo(b)fluoranthene	24.074	252	514671	3.884	ng	# 94
90) Benzo(a)pyrene	24.992	252	349830	3.042	ng	# 93
92) Benzo(g,h,i)perylene	30.274	276	286864	2.303	ng	96

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

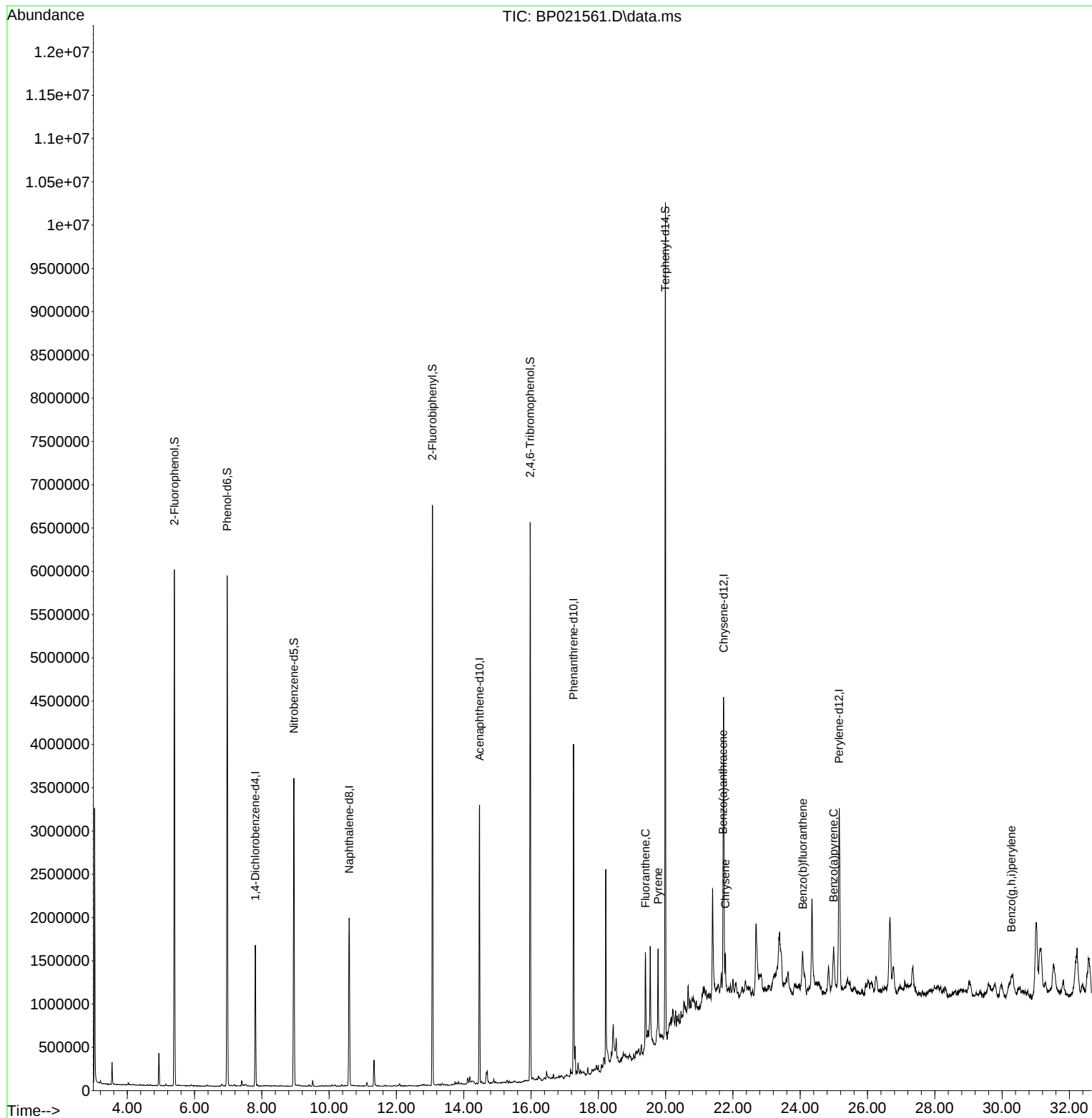
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021561.D
Acq On : 19 Aug 2024 20:20
Operator : RC/JU
Sample : P3518-27
Misc :
ALS Vial : 14 Sample Multiplier: 1

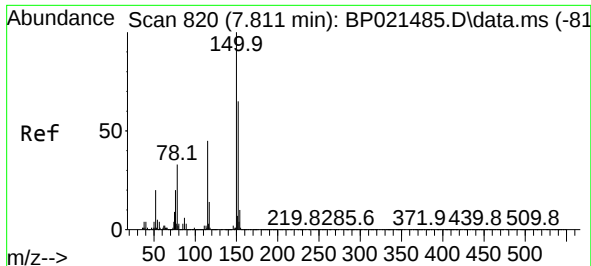
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724

Quant Time: Aug 20 00:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

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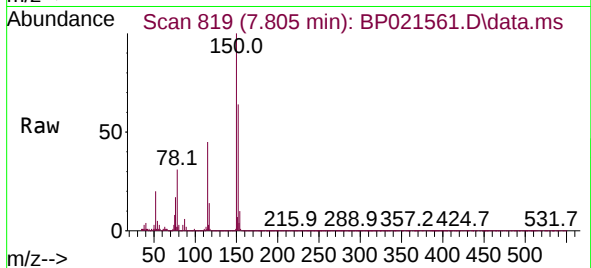
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

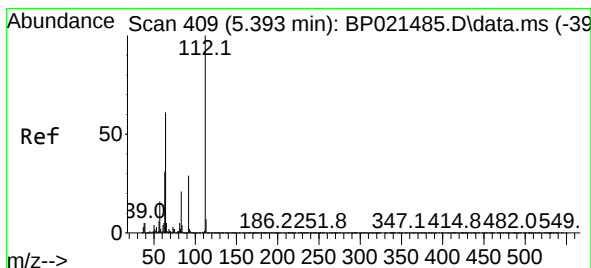
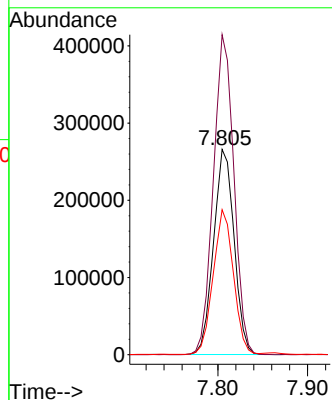
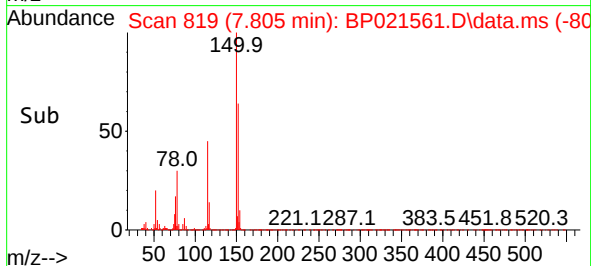
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



Tgt Ion:152 Resp: 422639
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 70.6 54.7 82.1

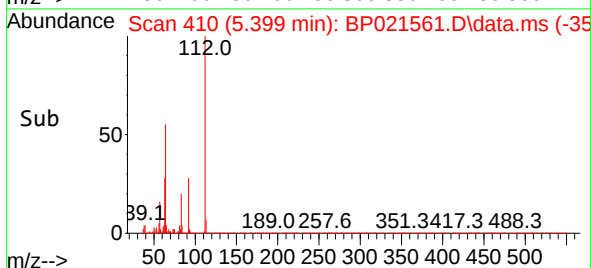
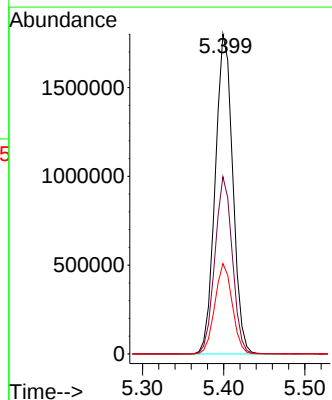
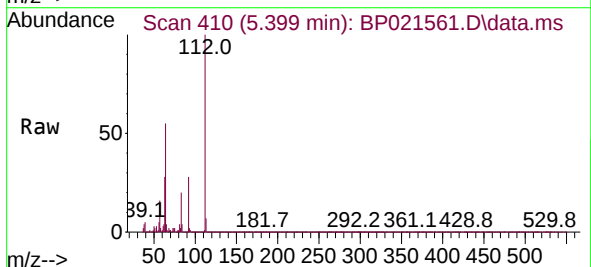
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#5
2-Fluorophenol
Concen: 95.044 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

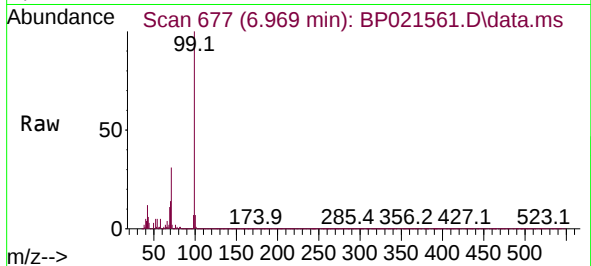
Tgt Ion:112 Resp: 2705263
Ion Ratio Lower Upper
112 100
64 55.4 49.0 73.6
63 28.3 24.6 36.8





#7
Phenol-d6
Concen: 92.937 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

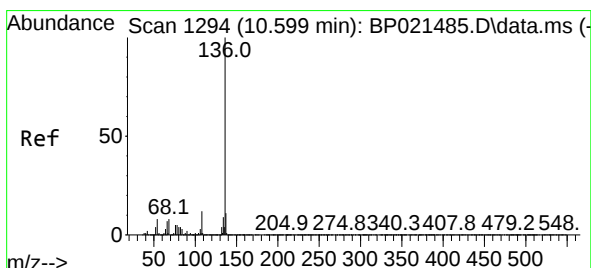
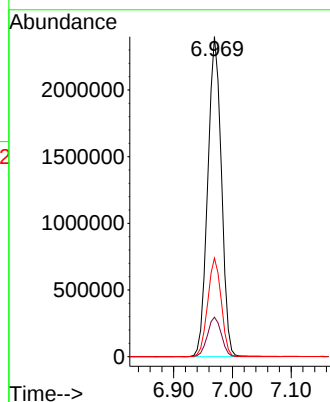
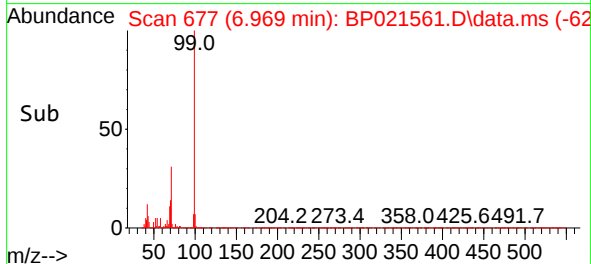
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



Tgt Ion: 99 Resp: 385886
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.8 25.8 38.8

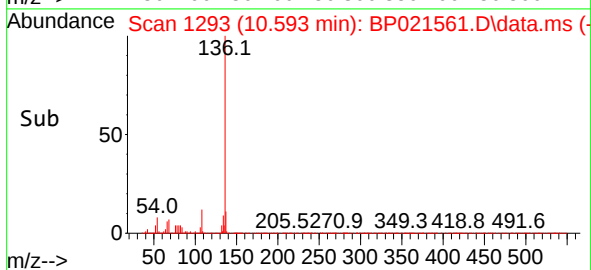
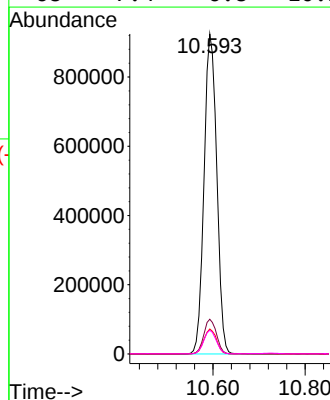
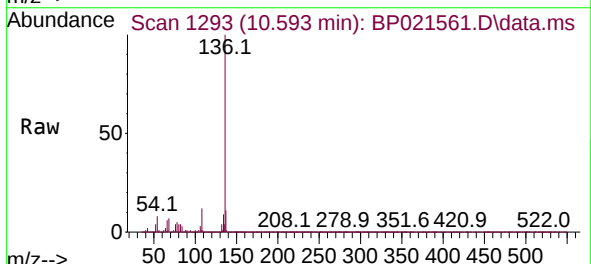
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Supervised By :mohammad ahmed 08/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

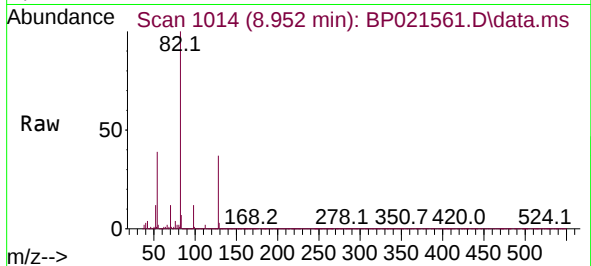
Tgt Ion:136 Resp: 1779954
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.3 9.5
68 7.4 6.8 10.2





#23
Nitrobenzene-d5
Concen: 67.372 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

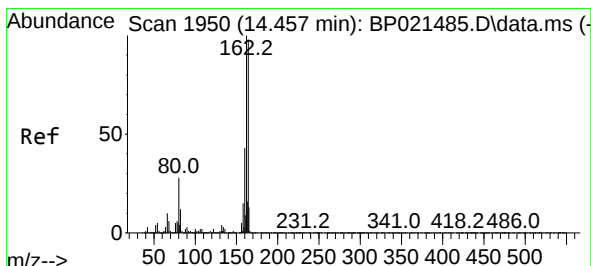
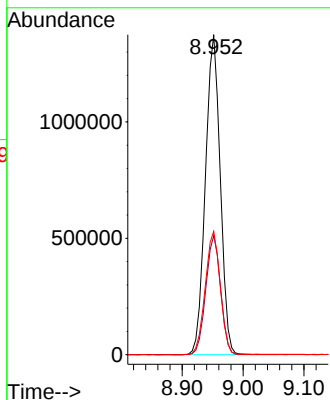
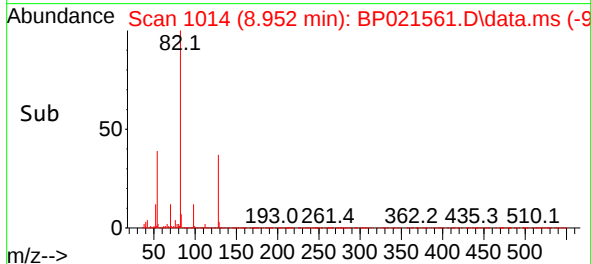
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



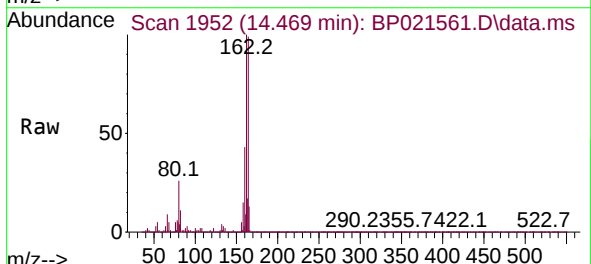
Tgt Ion: 82 Resp: 2323320
Ion Ratio Lower Upper
82 100
128 37.2 26.5 39.7
54 38.5 30.3 45.5

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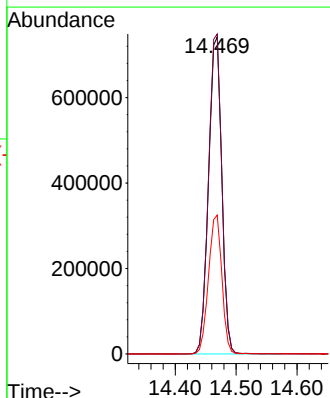
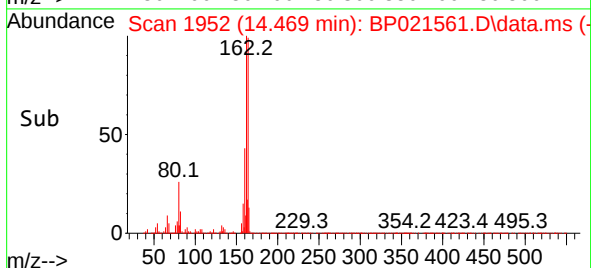
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20



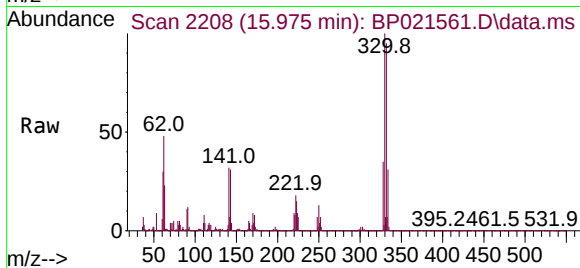
Tgt Ion:164 Resp: 1119364
Ion Ratio Lower Upper
164 100
162 100.9 81.5 122.3
160 43.8 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 104.747 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

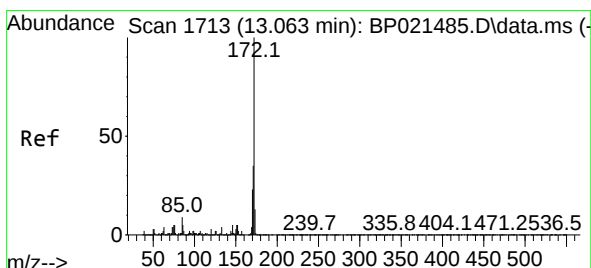
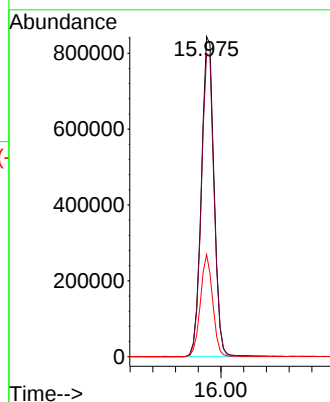
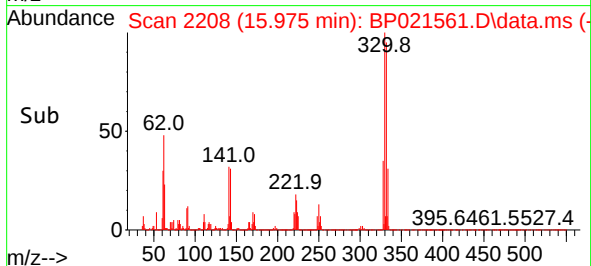
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



Tgt Ion:330 Resp: 130494
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 30.9 24.5 36.7

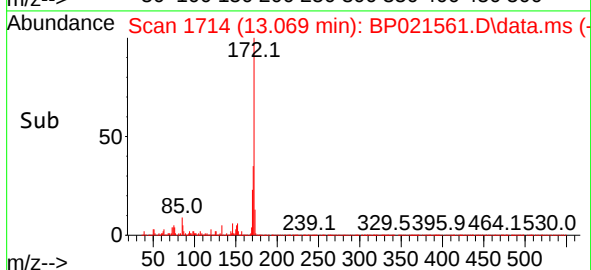
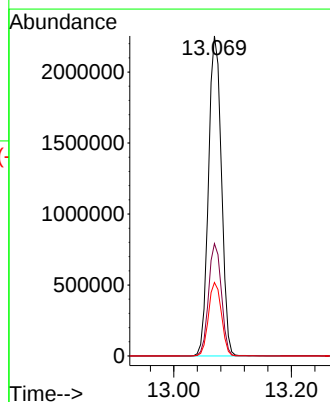
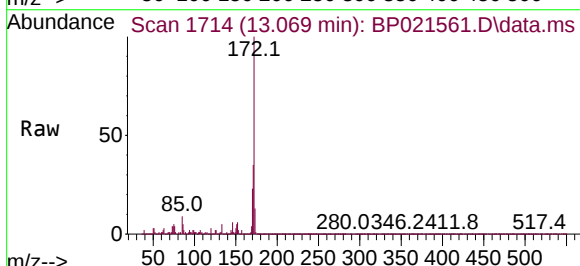
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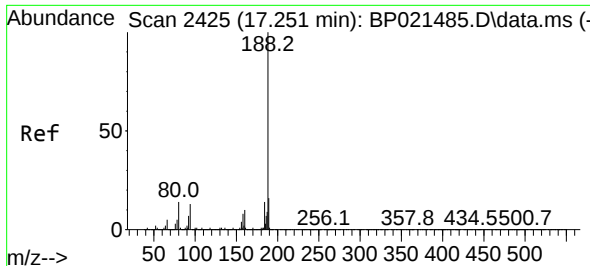
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#45
2-Fluorobiphenyl
Concen: 46.661 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

Tgt Ion:172 Resp: 3422329
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.4 27.6





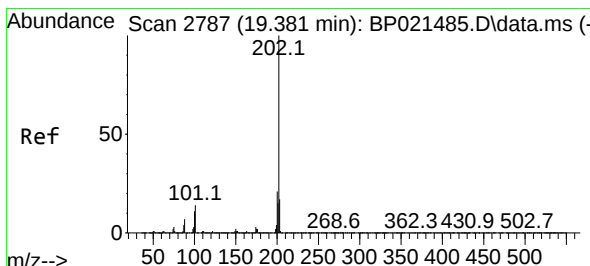
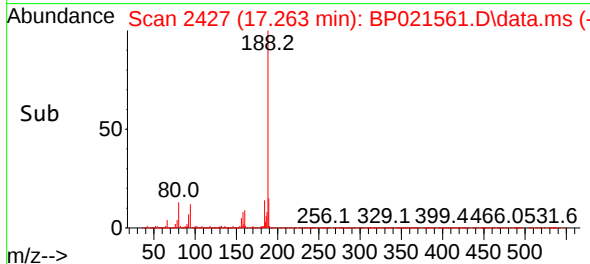
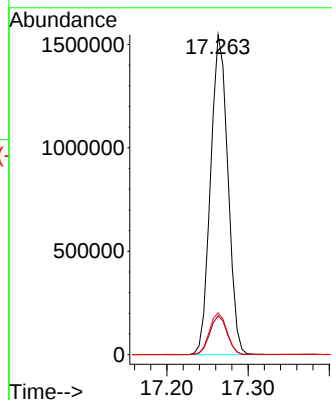
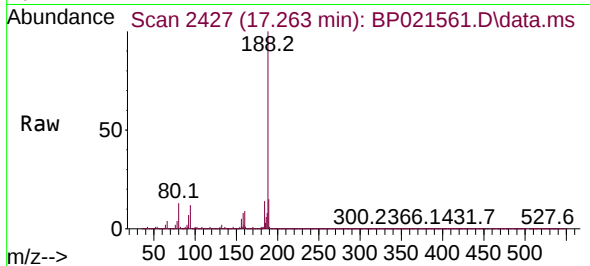
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724

Tgt Ion:188 Resp: 228886
Ion Ratio Lower Upper
188 100
94 12.2 10.2 15.4
80 13.0 11.6 17.4

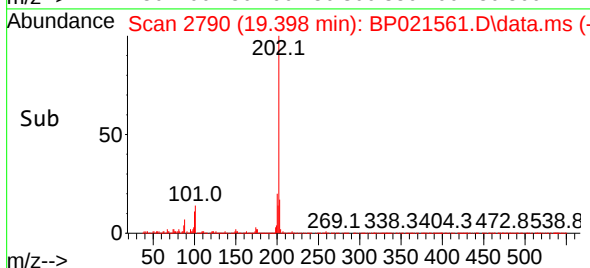
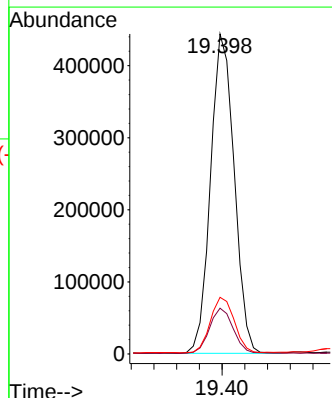
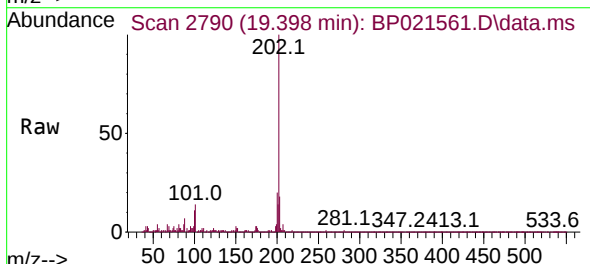
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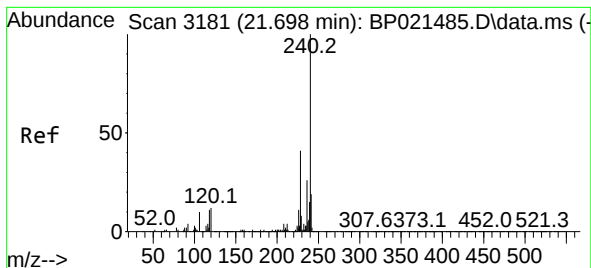
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#75
Fluoranthene
Concen: 4.742 ng
RT: 19.398 min Scan# 2790
Delta R.T. 0.018 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

Tgt Ion:202 Resp: 640447
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.0
203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3181

Delta R.T. 0.024 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

Instrument :

BNA_P

ClientSampleId :

OU4-TS-14-080724

Tgt Ion:240 Resp: 197716

Ion Ratio Lower Upper

240 100

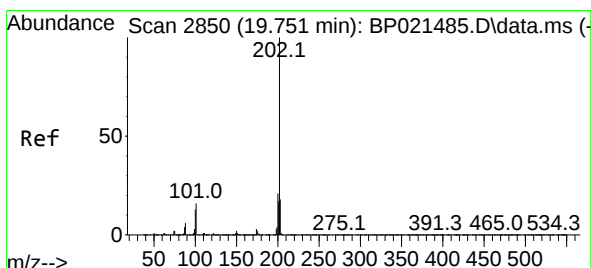
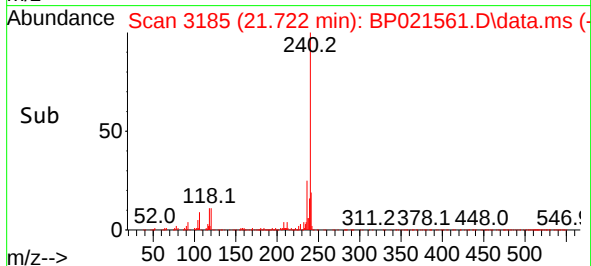
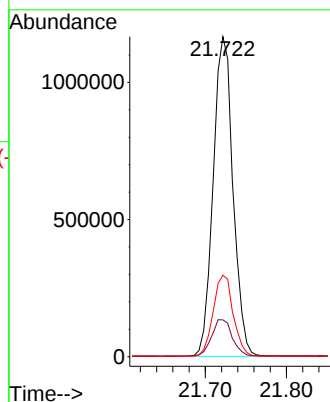
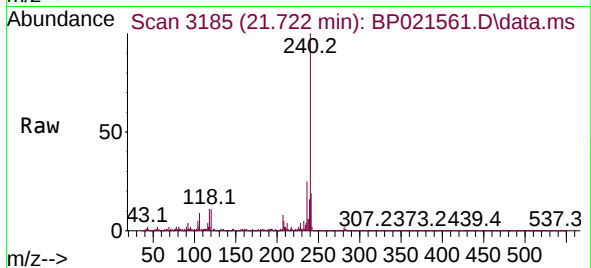
120 11.5 9.9 14.9

236 25.5 20.6 30.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78

Pyrene

Concen: 4.511 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.024 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

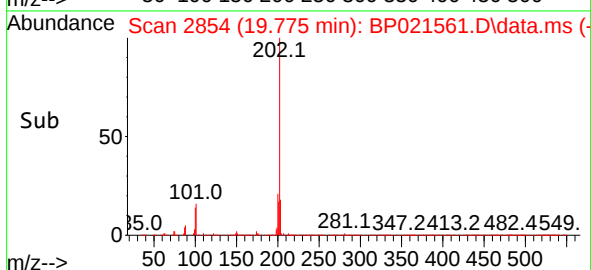
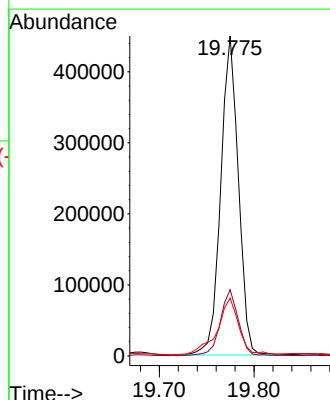
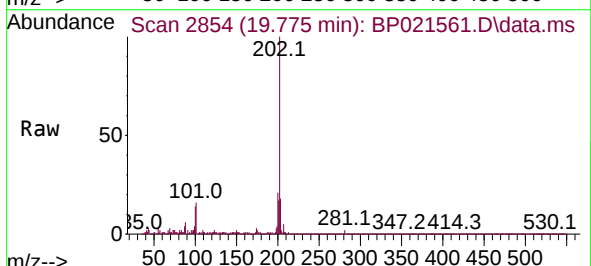
Tgt Ion:202 Resp: 582935

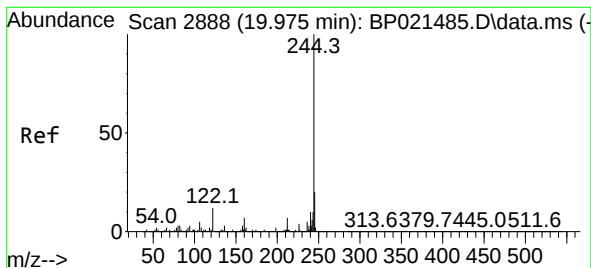
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 46.583 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

Instrument :

BNA_P

ClientSampleId :

OU4-TS-14-080724

Tgt Ion:244 Resp: 474087

Ion Ratio Lower Upper

244 100

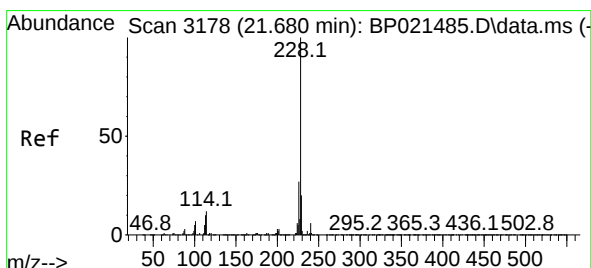
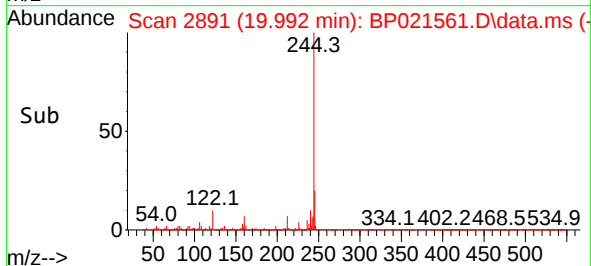
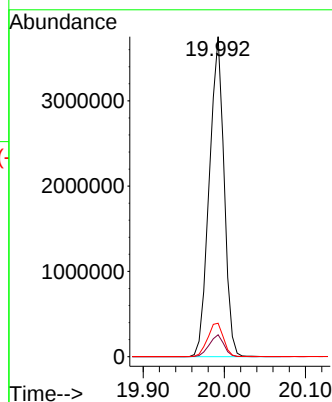
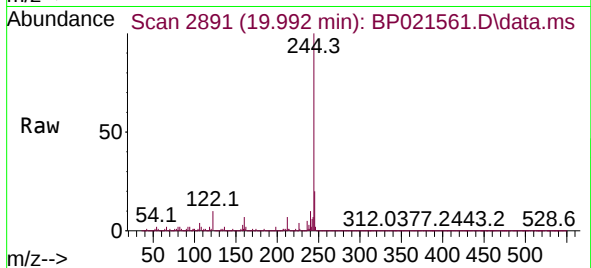
212 6.8 5.6 8.4

122 10.4 9.4 14.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#81

Benzo(a)anthracene

Concen: 2.327 ng

RT: 21.704 min Scan# 3182

Delta R.T. 0.024 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

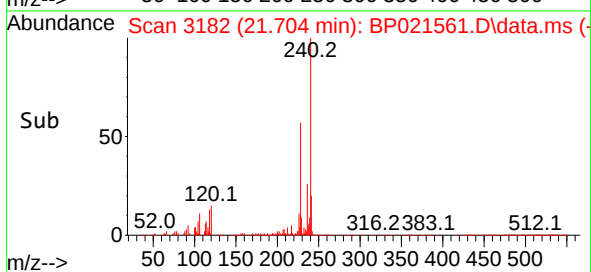
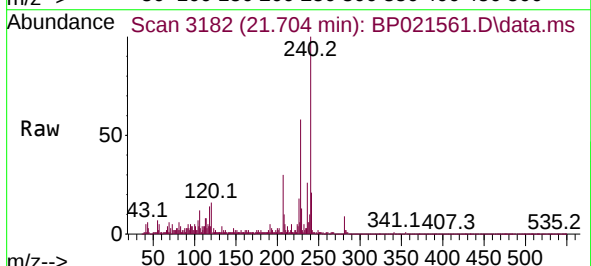
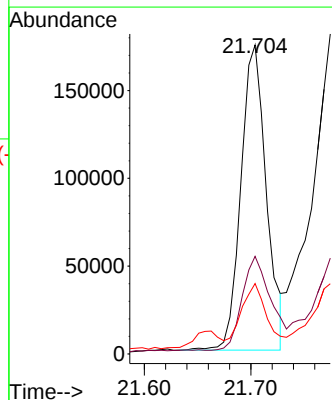
Tgt Ion:228 Resp: 288852

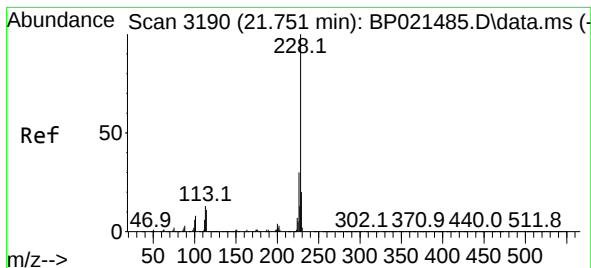
Ion Ratio Lower Upper

228 100

226 31.6 21.4 32.2

229 22.8 15.8 23.6





#83

Chrysene

Concen: 3.065 ng m

RT: 21.775 min Scan# 3190

Delta R.T. 0.024 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

Instrument :

BNA_P

ClientSampleId :

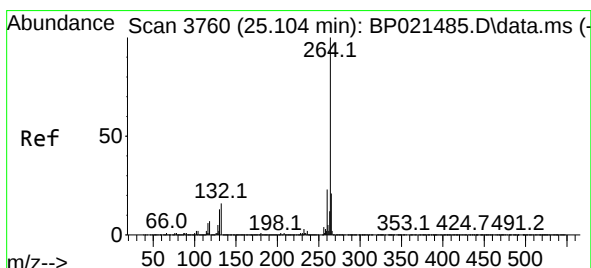
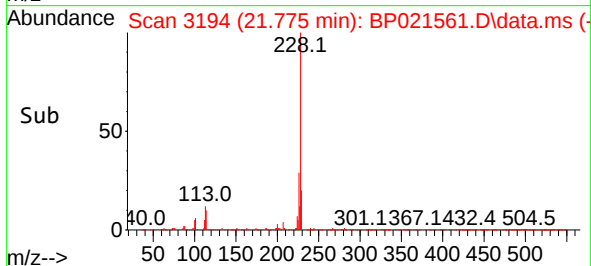
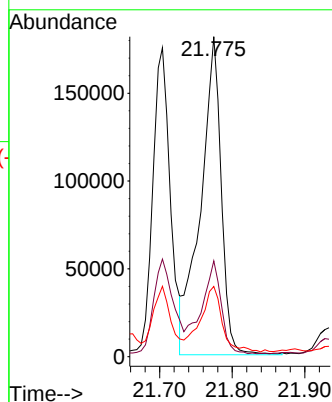
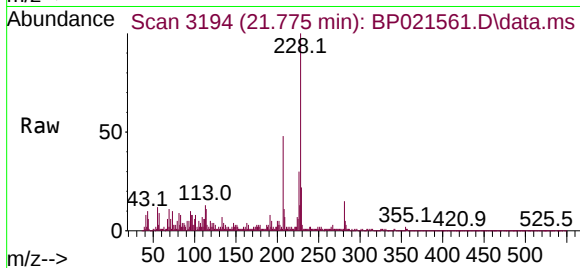
OU4-TS-14-080724

Tgt Ion:	228	Resp:	35923
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.9	35.9
229	21.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

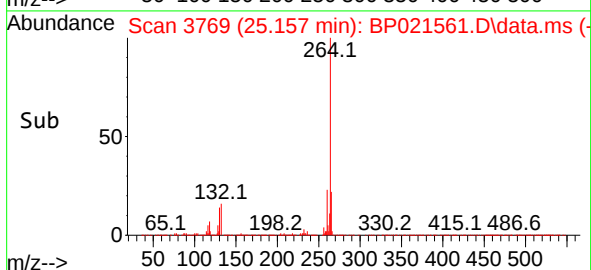
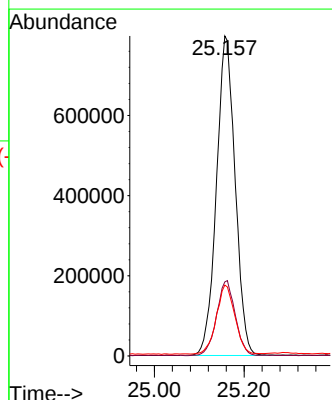
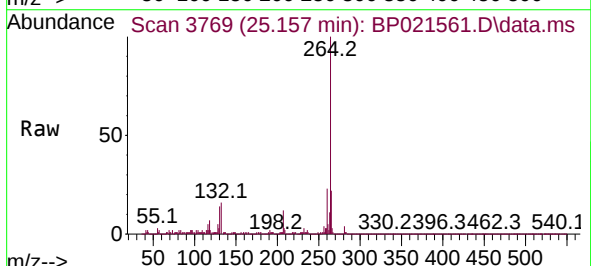
RT: 25.157 min Scan# 3769

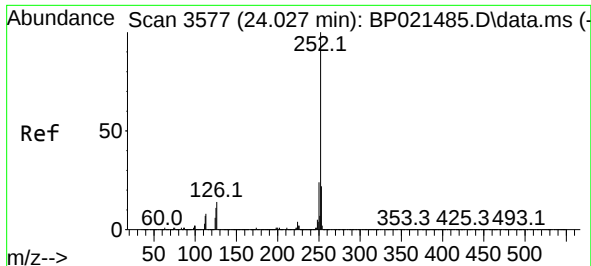
Delta R.T. 0.053 min

Lab File: BP021561.D

Acq: 19 Aug 2024 20:20

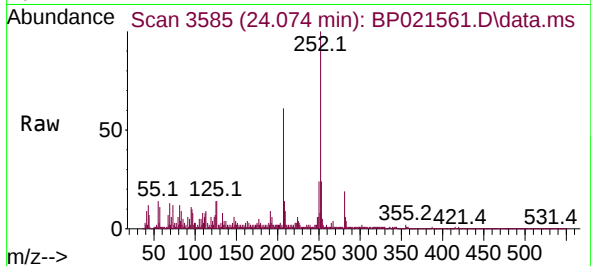
Tgt Ion:	264	Resp:	2307034
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	22.1	17.1	25.7





#88
Benzo(b)fluoranthene
Concen: 3.884 ng
RT: 24.074 min Scan# 31
Delta R.T. 0.047 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

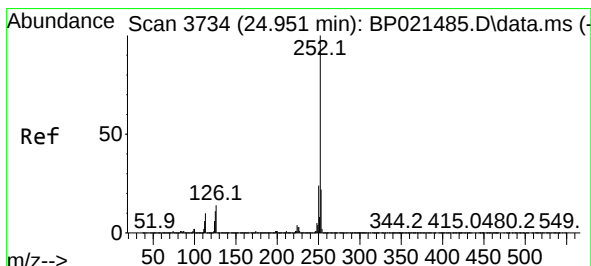
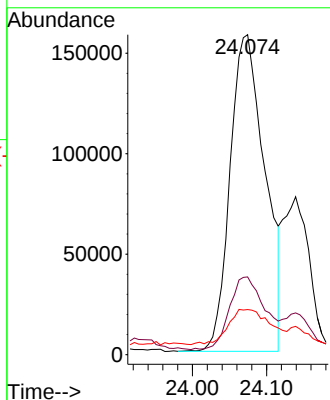
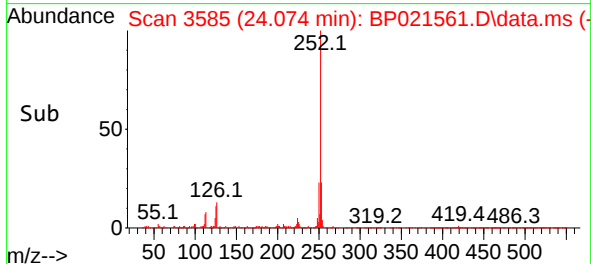
Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



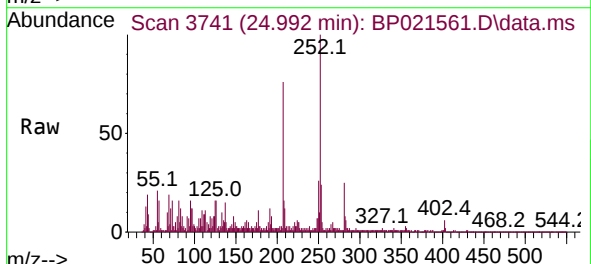
Tgt Ion:252 Resp: 51467
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 14.1 8.6 13.0

Manual Integrations
APPROVED

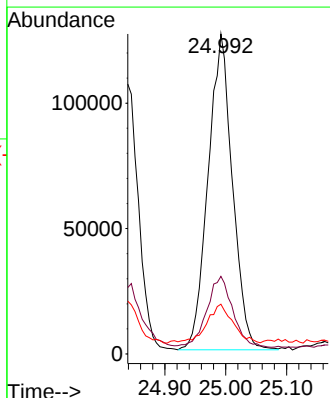
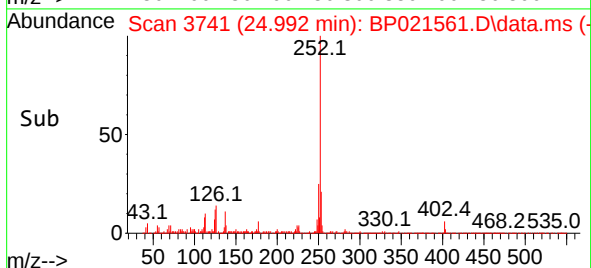
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

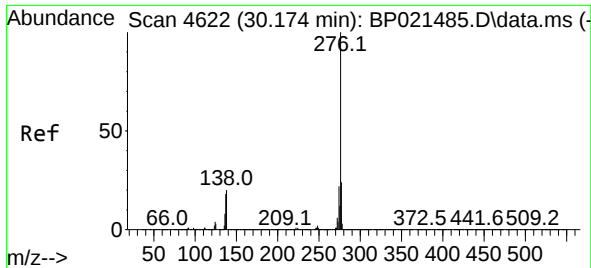


#90
Benzo(a)pyrene
Concen: 3.042 ng
RT: 24.992 min Scan# 3741
Delta R.T. 0.041 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20



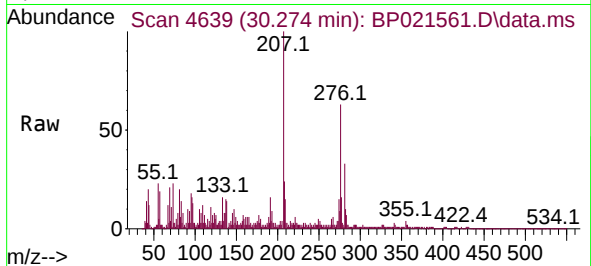
Tgt Ion:252 Resp: 349830
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 15.6 8.7 13.1





#92
Benzo(g,h,i)perylene
Concen: 2.303 ng
RT: 30.274 min Scan# 40
Delta R.T. 0.100 min
Lab File: BP021561.D
Acq: 19 Aug 2024 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-14-080724



Tgt Ion: 276 Resp: 286864
Ion Ratio Lower Upper
276 100
277 25.3 19.0 28.6
138 22.4 16.0 24.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

