

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021546.D
 Acq On : 16 Aug 2024 19:33
 Operator : RC/JU
 Sample : P3519-13RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-22-080724RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 17 00:44:15 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	7.816	152	404271	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1510773	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	882799	20.000	ng	0.01
64) Phenanthrene-d10	17.263	188	1874665	20.000	ng	0.01
76) Chrysene-d12	21.710	240	1770374	20.000	ng	0.01
86) Perylene-d12	25.133	264	2065937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1756231	64.505	ng	0.02
7) Phenol-d6	6.975	99	2337085	58.844	ng	0.01
23) Nitrobenzene-d5	8.957	82	1423770	48.643	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	696053	70.844	ng	0.01
45) 2-Fluorobiphenyl	13.075	172	1976380	34.167	ng	0.01
79) Terphenyl-d14	19.974	244	2984938	32.755	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.386	202	440177	3.979	ng	99
78) Pyrene	19.757	202	386093	3.337	ng	98
83) Chrysene	21.751	228	214399m	2.043	ng	
88) Benzo(b)fluoranthene	24.051	252	307741	2.594	ng	# 92

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

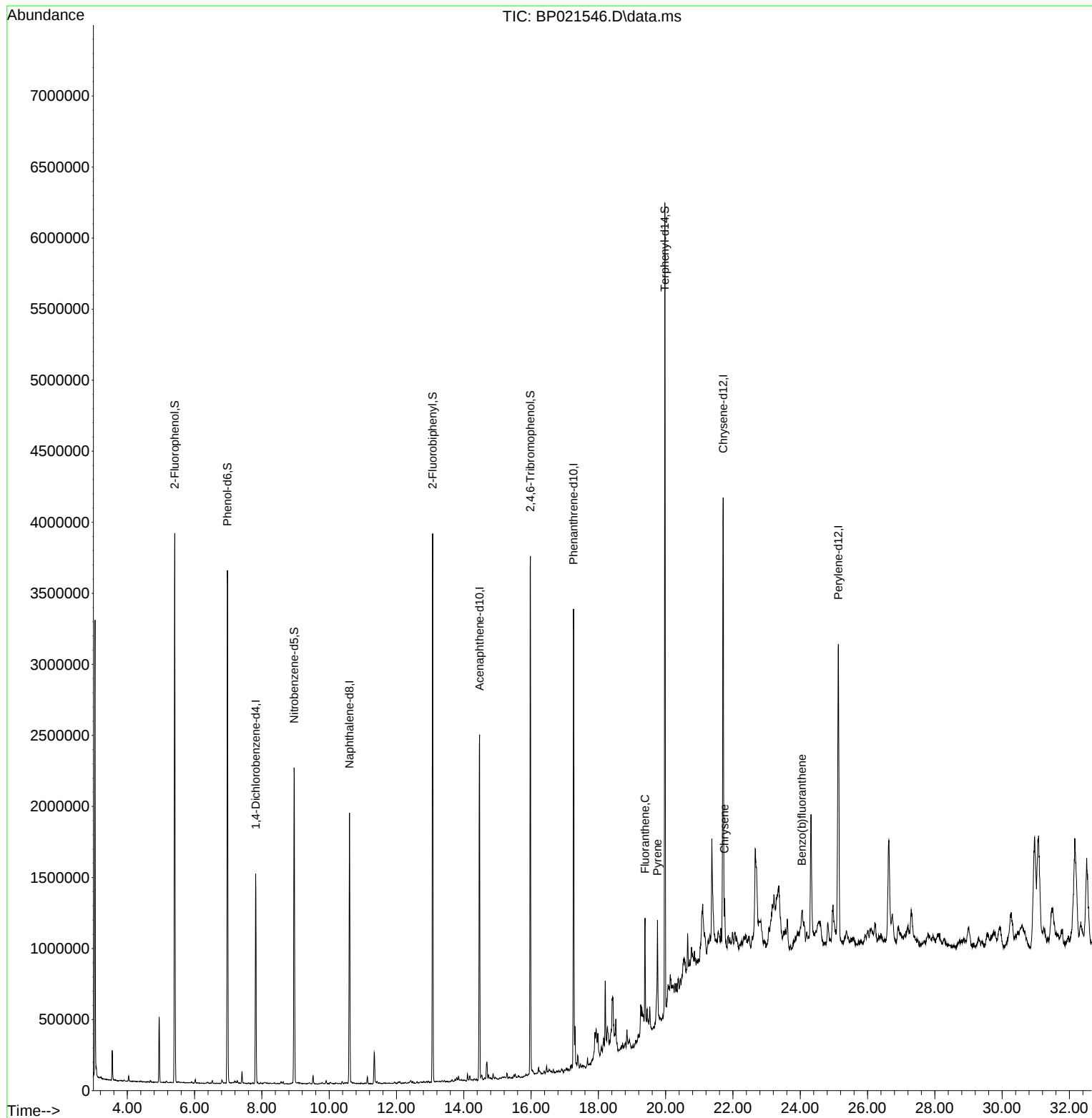
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021546.D
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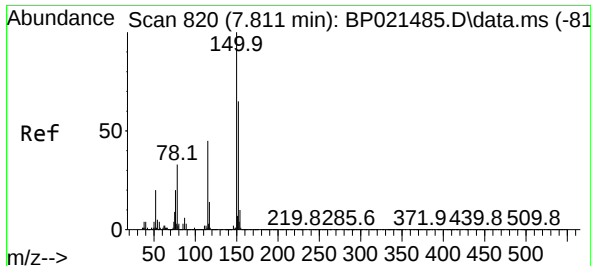
Instrument :
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OU4-TS-22-080724RE

Quant Time: Aug 17 00:44:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
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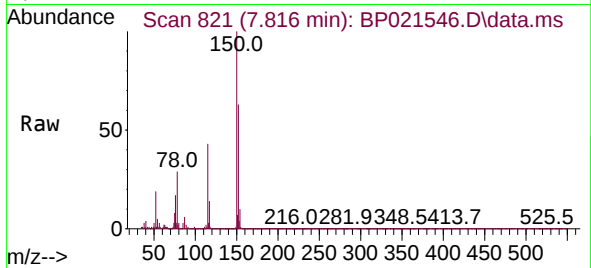
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

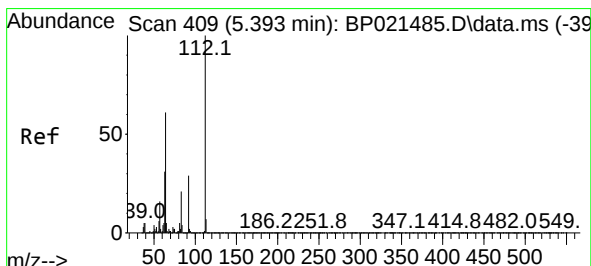
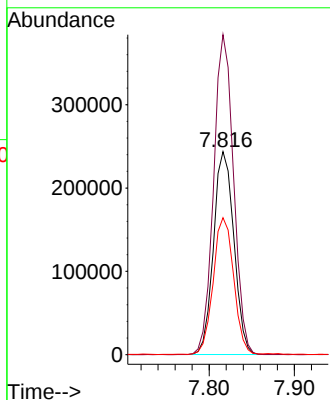
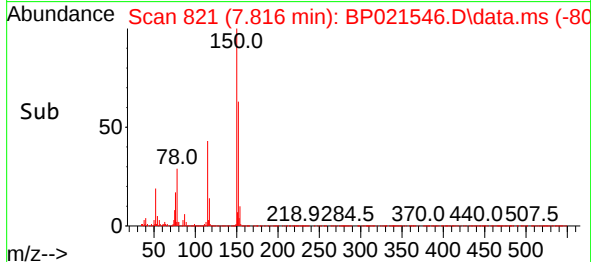
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE



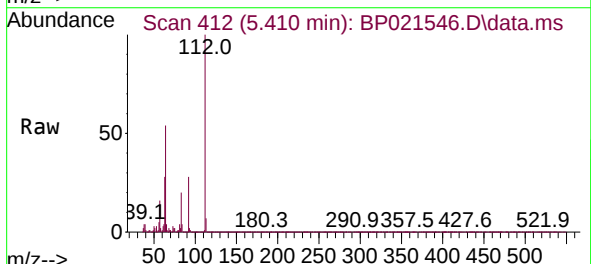
Tgt Ion:152 Resp: 40427
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 67.5 54.7 82.1

Manual Integrations
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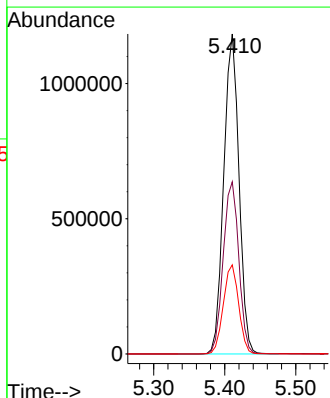
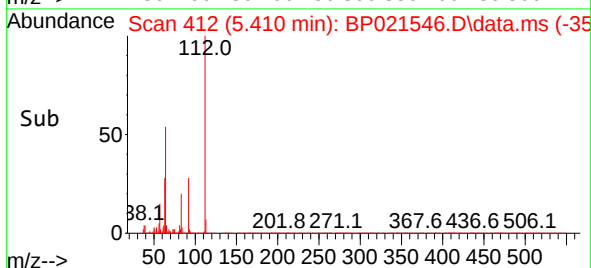
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024

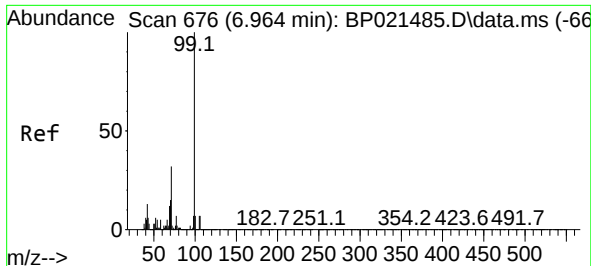


#5
2-Fluorophenol
Concen: 64.505 ng
RT: 5.410 min Scan# 412
Delta R.T. 0.017 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33



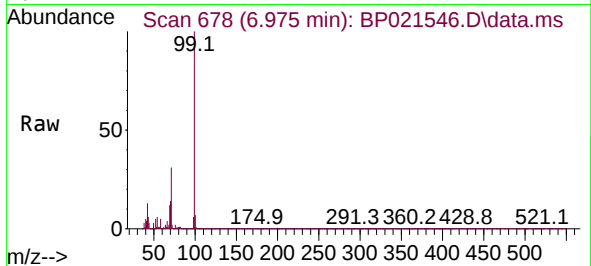
Tgt Ion:112 Resp: 1756231
Ion Ratio Lower Upper
112 100
64 53.8 49.0 73.6
63 27.9 24.6 36.8





#7
Phenol-d6
Concen: 58.844 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

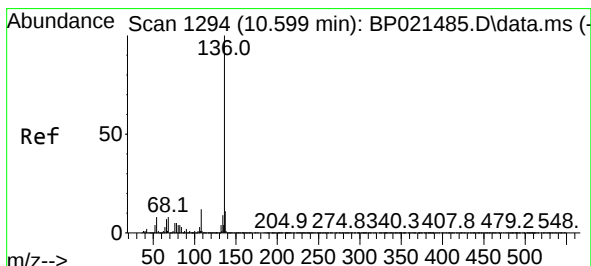
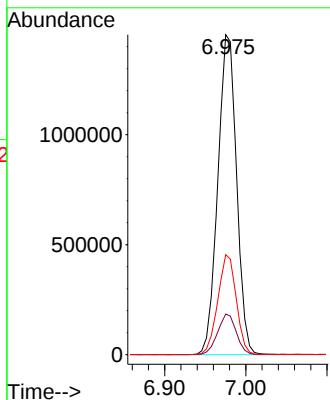
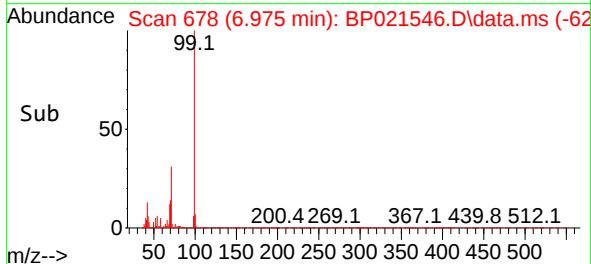
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE



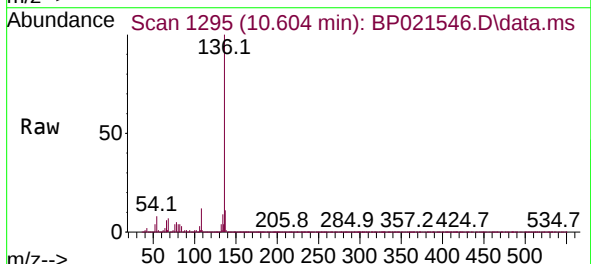
Tgt Ion: 99 Resp: 2337085
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.3 25.8 38.8

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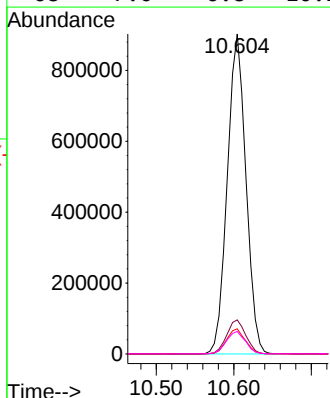
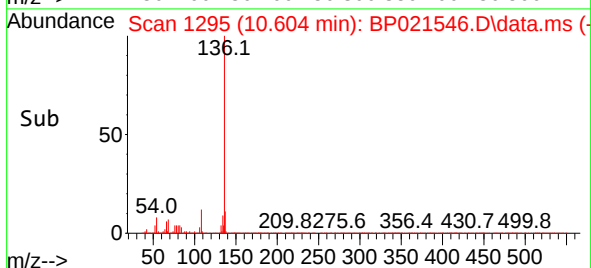
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024

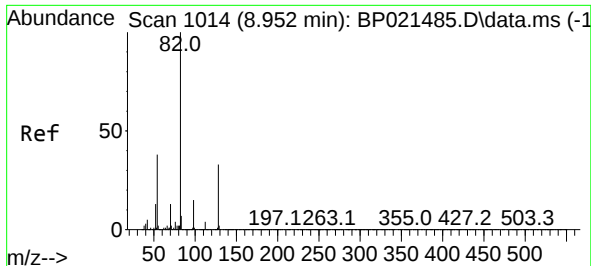


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.005 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33



Tgt Ion:136 Resp: 1510773
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.8 6.3 9.5
68 7.0 6.8 10.2





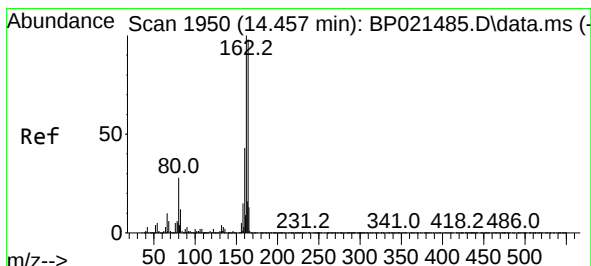
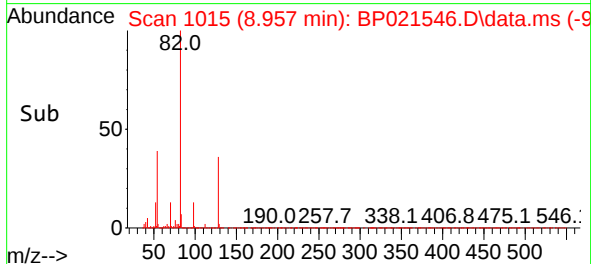
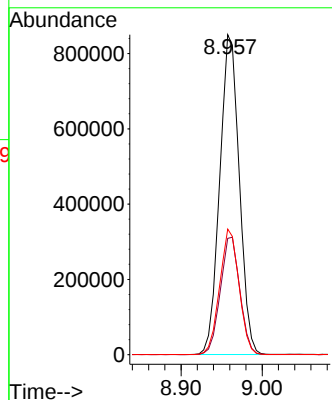
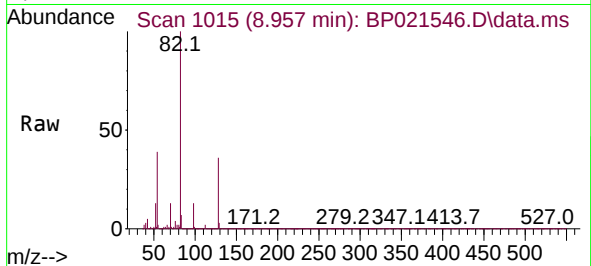
#23
Nitrobenzene-d5
Concen: 48.643 ng
RT: 8.957 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

Tgt Ion: 82 Resp: 1423770
Ion Ratio Lower Upper
82 100
128 36.3 26.5 39.7
54 39.3 30.3 45.5

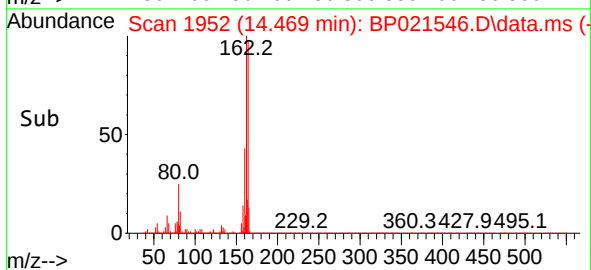
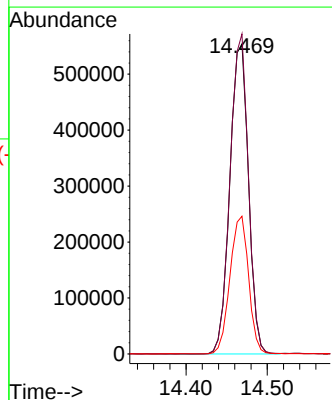
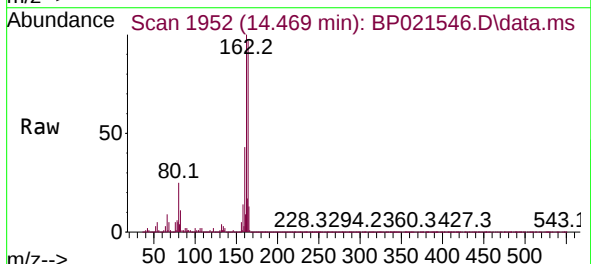
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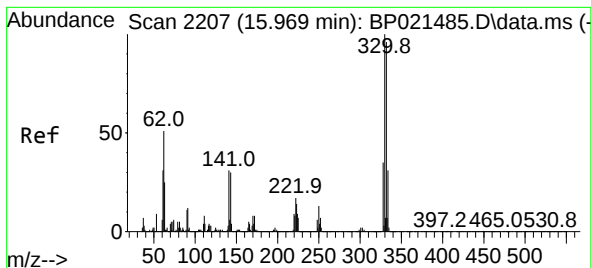
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

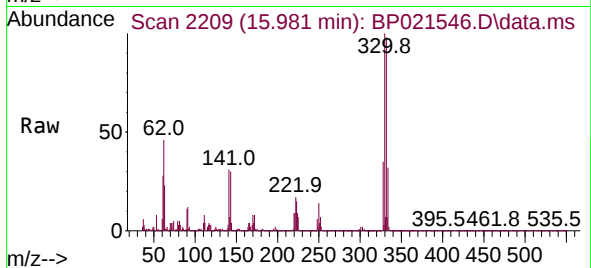
Tgt Ion:164 Resp: 882799
Ion Ratio Lower Upper
164 100
162 103.2 81.5 122.3
160 44.4 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 70.844 ng
RT: 15.981 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

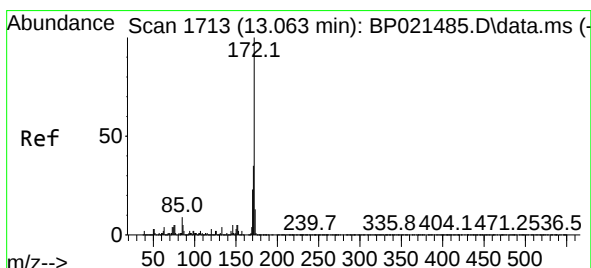
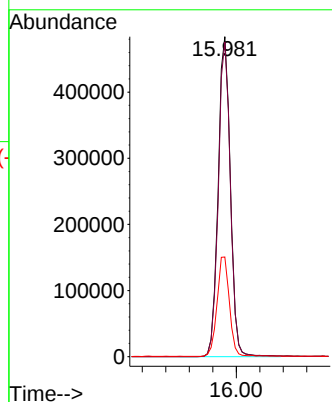
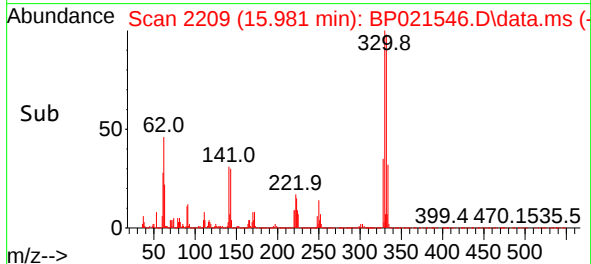
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE



Tgt Ion: 330 Resp: 69605
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 31.6 24.5 36.7

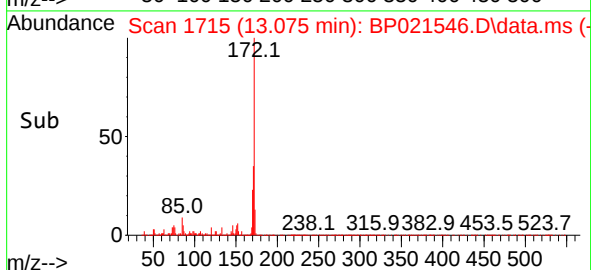
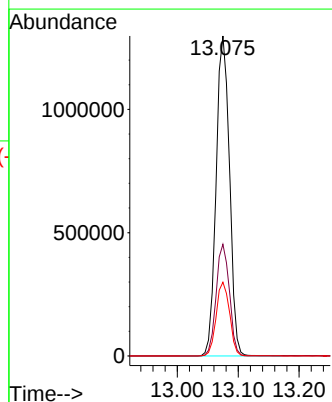
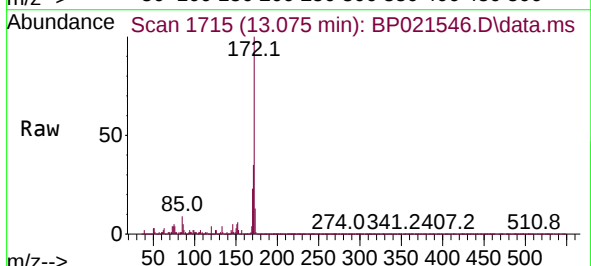
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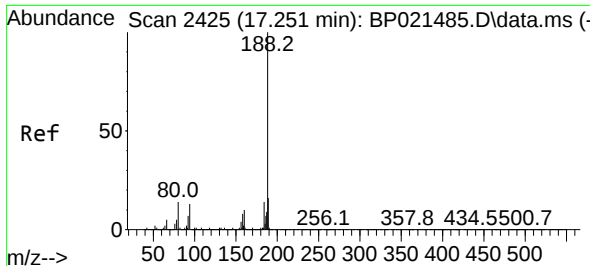
Reviewed By : Yogesh Patel 08/17/2024
Supervised By : mohammad ahmed 08/17/2024



#45
2-Fluorobiphenyl
Concen: 34.167 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

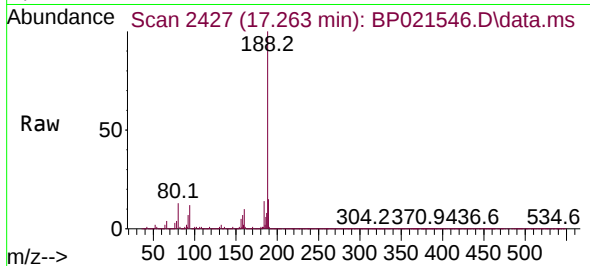
Tgt Ion: 172 Resp: 1976380
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.1 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

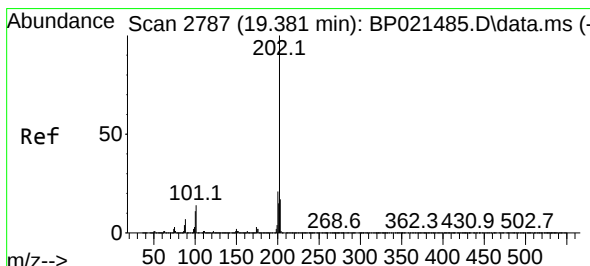
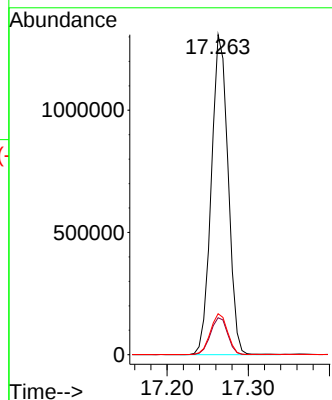
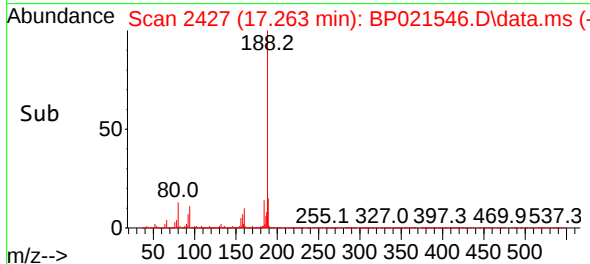
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE



Tgt Ion:188 Resp: 187466
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 12.8 11.6 17.4

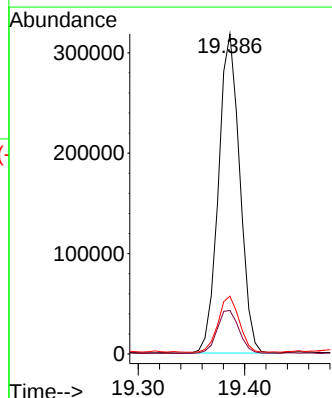
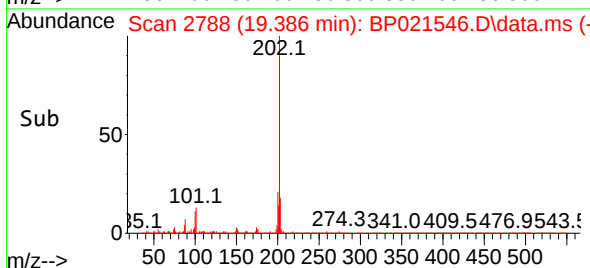
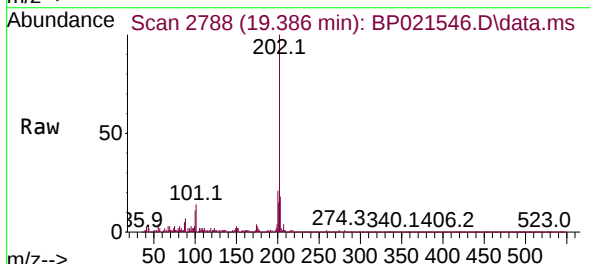
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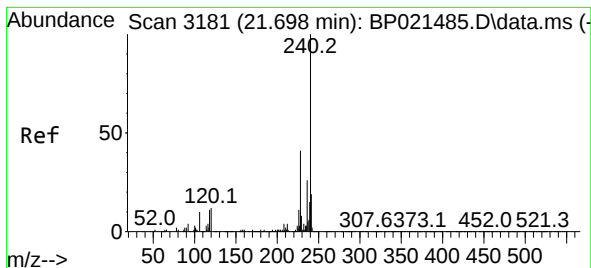
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024



#75
Fluoranthene
Concen: 3.979 ng
RT: 19.386 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:202 Resp: 440177
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.0
203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.710 min Scan# 3181

Delta R.T. 0.012 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE

Tgt Ion:240 Resp: 1770374

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

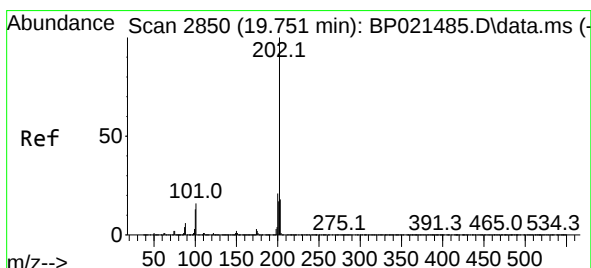
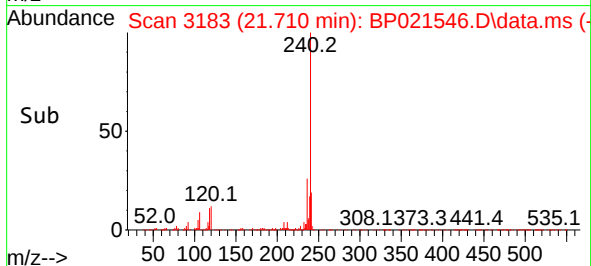
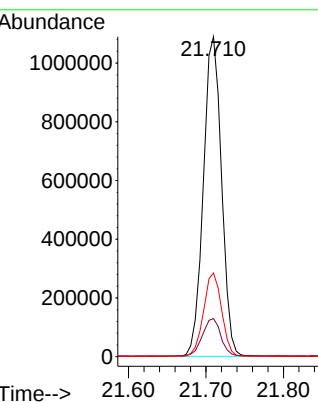
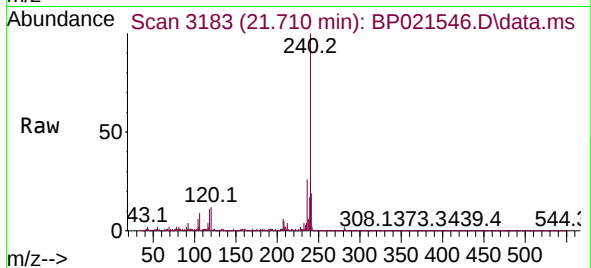
236 26.1 20.6 30.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024



#78

Pyrene

Concen: 3.337 ng

RT: 19.757 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

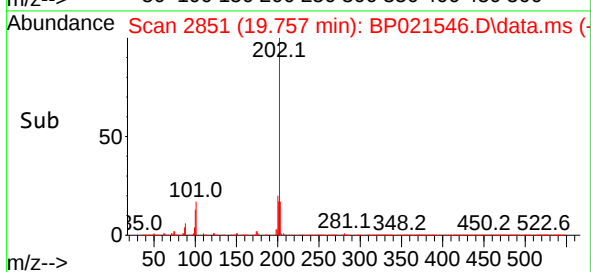
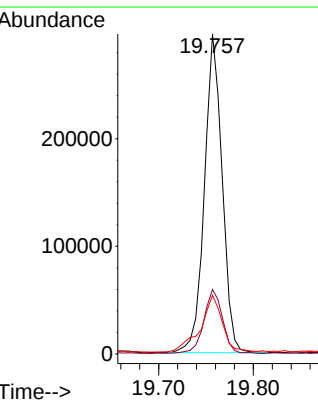
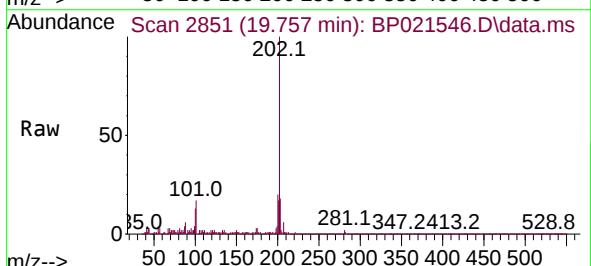
Tgt Ion:202 Resp: 386093

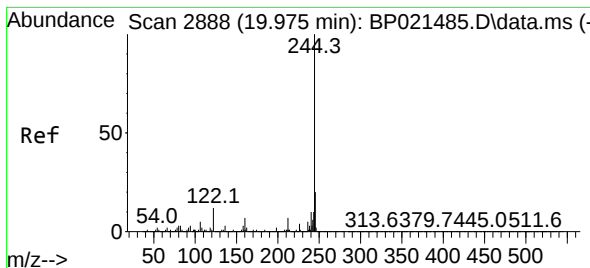
Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 32.755 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

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OU4-TS-22-080724RE

Tgt Ion:244 Resp: 2984938

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

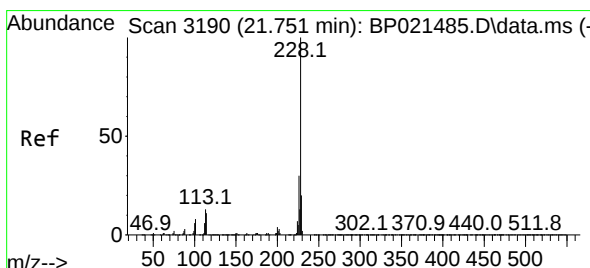
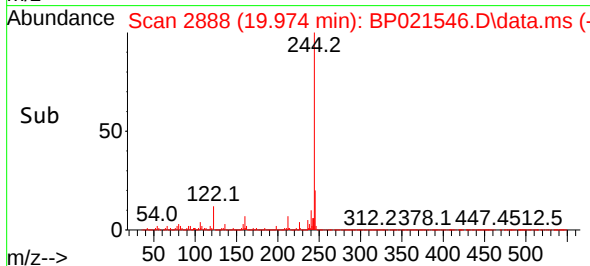
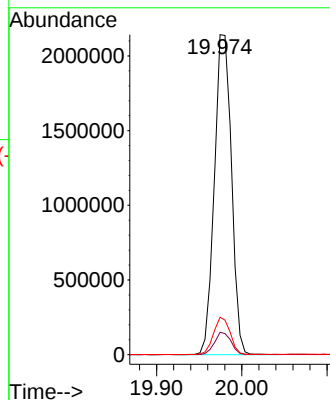
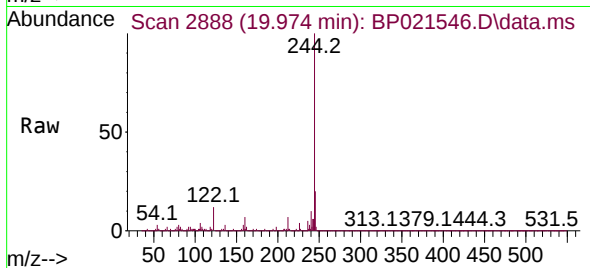
122 11.7 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024



#83

Chrysene

Concen: 2.043 ng m

RT: 21.751 min Scan# 3190

Delta R.T. -0.000 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

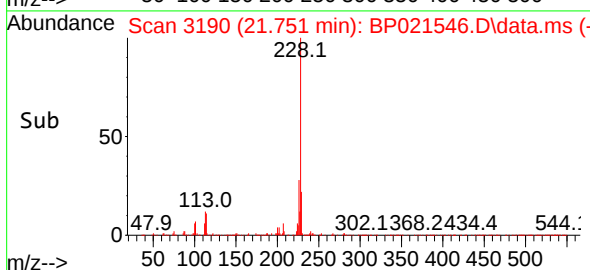
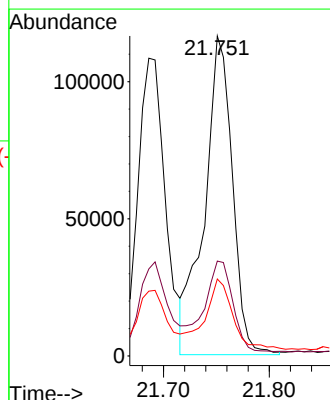
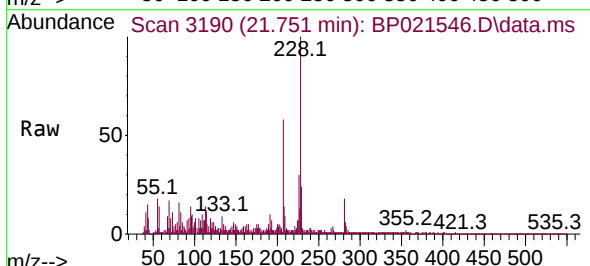
Tgt Ion:228 Resp: 214399

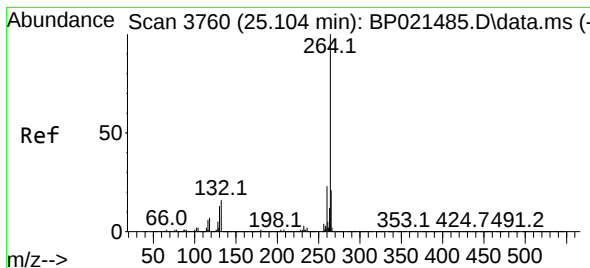
Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 24.0 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE

Tgt Ion:264 Resp: 206593

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

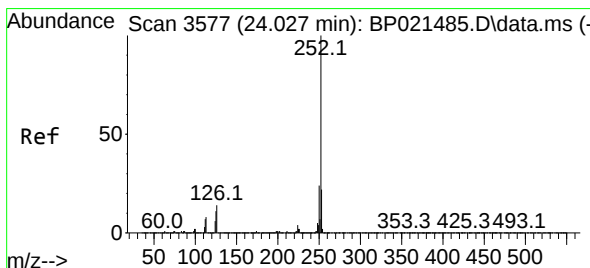
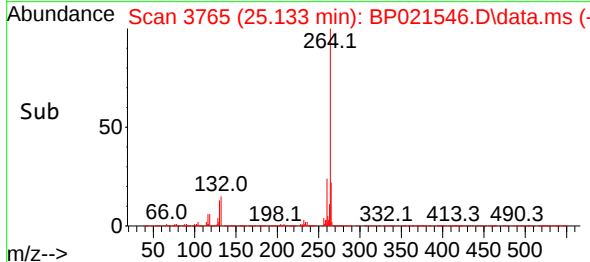
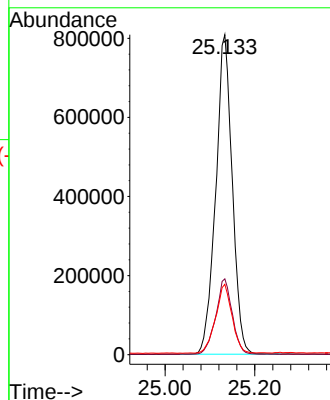
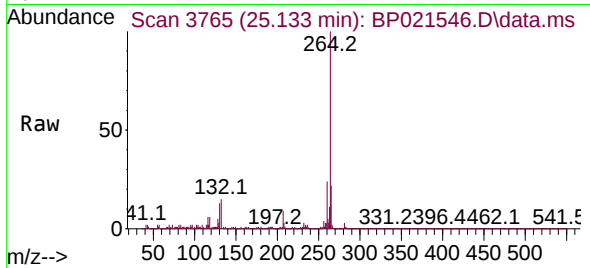
265 22.0 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/17/2024



#88

Benzo(b)fluoranthene

Concen: 2.594 ng

RT: 24.051 min Scan# 3581

Delta R.T. 0.023 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Tgt Ion:252 Resp: 307741

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 16.0 8.6 13.0#

