

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021553.D
 Acq On : 19 Aug 2024 14:33
 Operator : RC/JU
 Sample : P3518-13RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-07-080724RE

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 15:05:08 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	7.787	152	383359	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1658838	20.000	ng	-0.02
39) Acenaphthene-d10	14.457	164	1091246	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2252518	20.000	ng	0.01
76) Chrysene-d12	21.733	240	2051926	20.000	ng	0.04
86) Perylene-d12	25.192	264	2330089	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1827776	70.795	ng	0.00
7) Phenol-d6	6.946	99	2720245	72.227	ng	-0.02
23) Nitrobenzene-d5	8.934	82	1536569	47.811	ng	-0.02
42) 2,4,6-Tribromophenol	15.969	330	896844	73.844	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2269038	31.734	ng	0.00
79) Terphenyl-d14	19.998	244	3567662	33.778	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	17.310	178	327752	3.026	ng	99
75) Fluoranthene	19.404	202	2249130	16.921	ng	100
78) Pyrene	19.780	202	1664594	12.411	ng	99
81) Benzo(a)anthracene	21.715	228	475309	3.690	ng	98
83) Chrysene	21.786	228	594509	4.888	ng	96
88) Benzo(b)fluoranthene	24.104	252	641952m	4.797	ng	
90) Benzo(a)pyrene	25.021	252	327993	2.824	ng	97

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

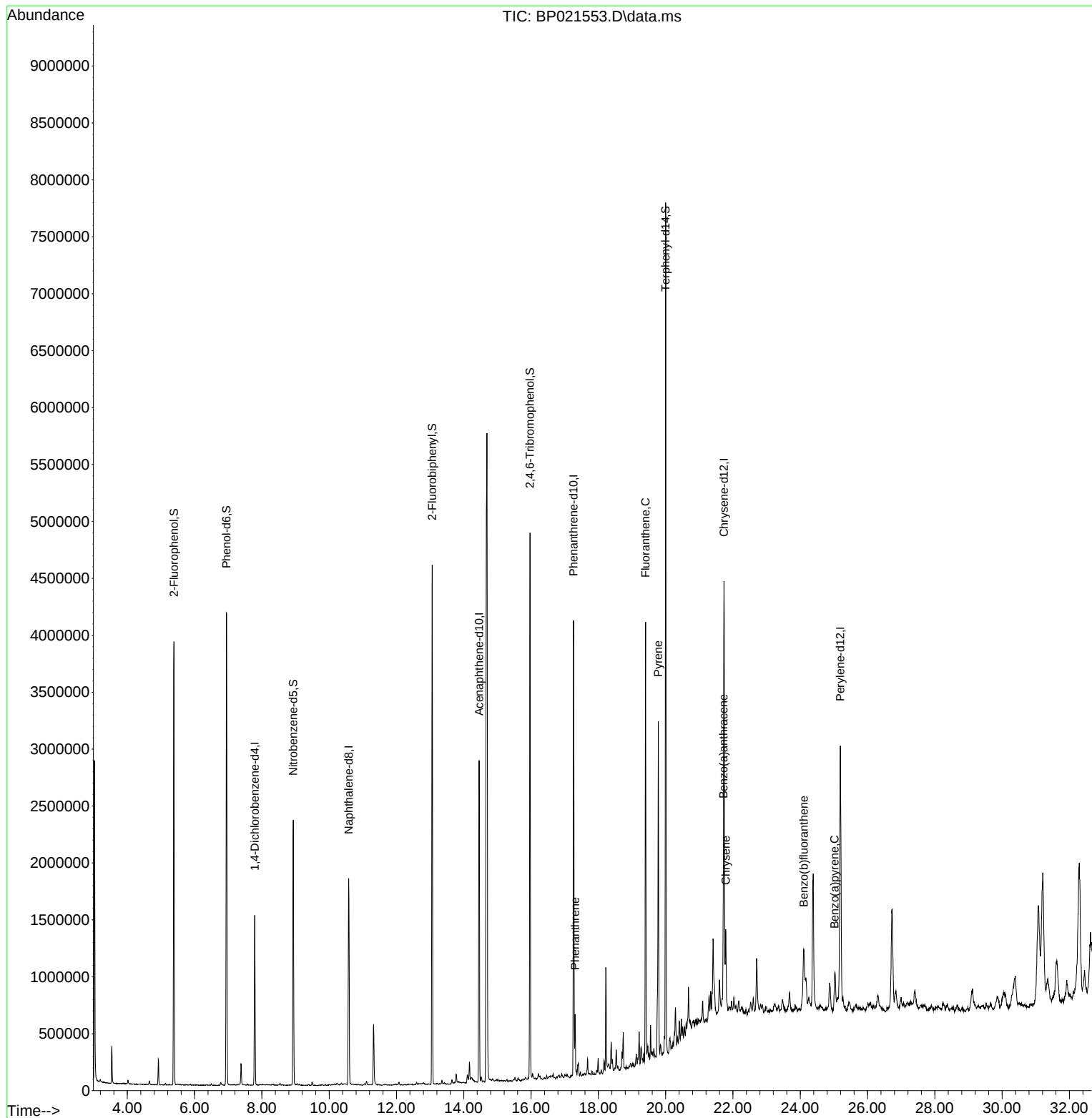
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021553.D
Acq On : 19 Aug 2024 14:33
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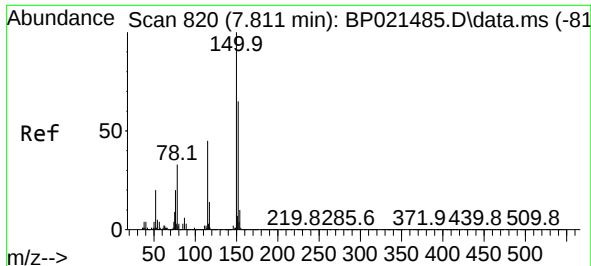
Instrument :
BNA_P
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OU4-TS-07-080724RE

Quant Time: Aug 19 15:05:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
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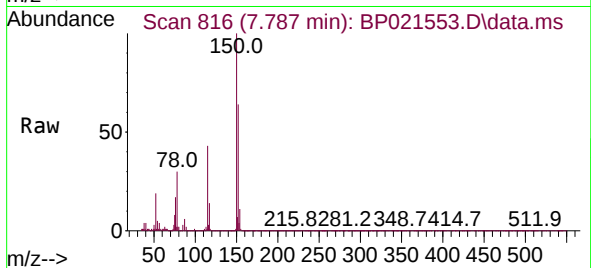
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

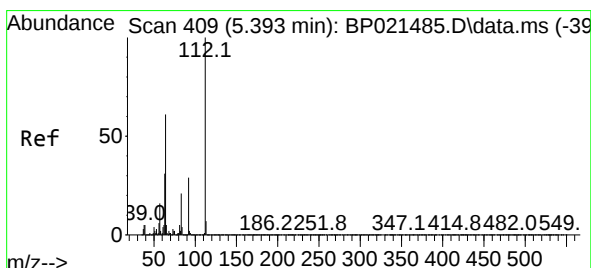
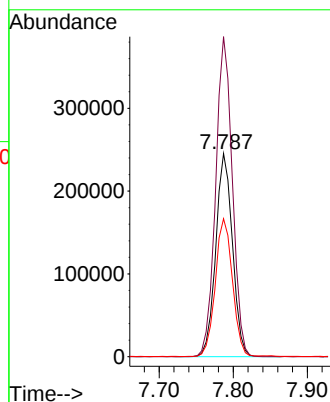
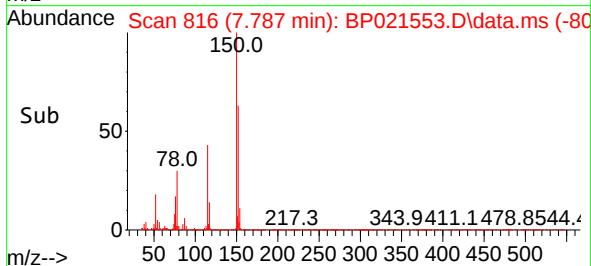
Instrument :
BNA_P
ClientSampleId :
OU4-TS-07-080724RE



Tgt Ion:152 Resp: 383359
Ion Ratio Lower Upper
152 100
150 157.5 122.4 183.6
115 67.9 54.7 82.1

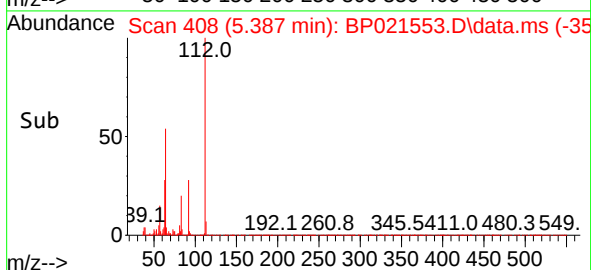
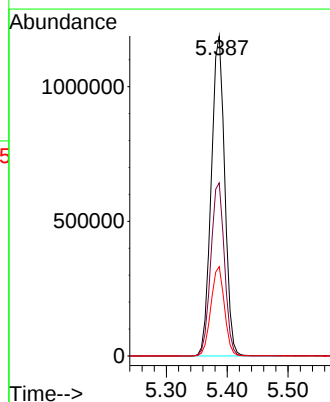
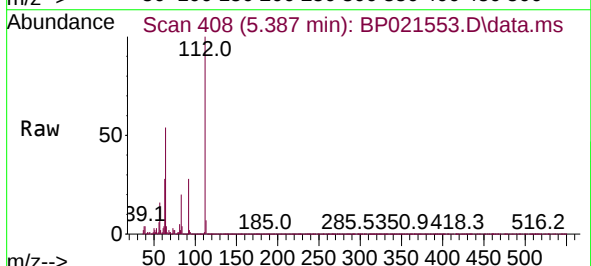
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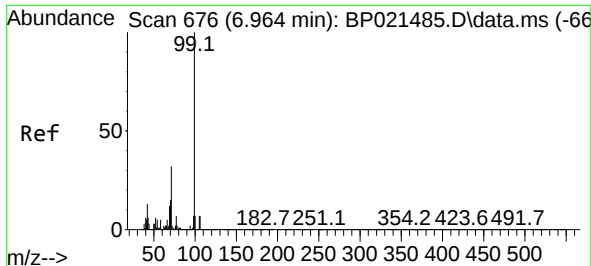
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#5
2-Fluorophenol
Concen: 70.795 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

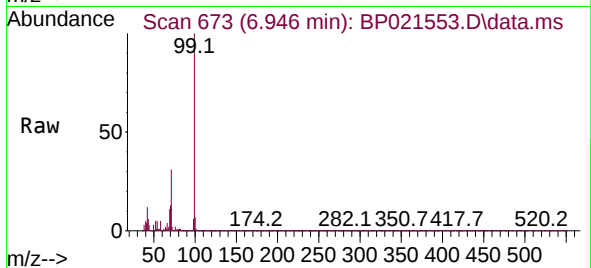
Tgt Ion:112 Resp: 1827776
Ion Ratio Lower Upper
112 100
64 54.1 49.0 73.6
63 27.9 24.6 36.8





#7
Phenol-d6
Concen: 72.227 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

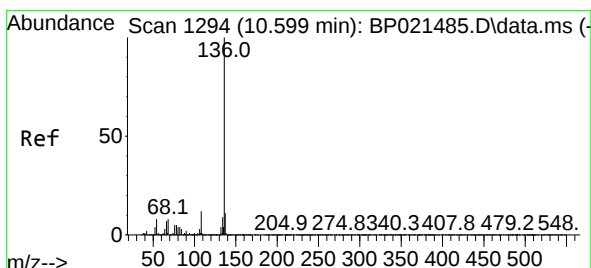
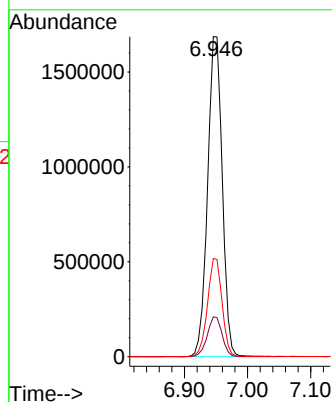
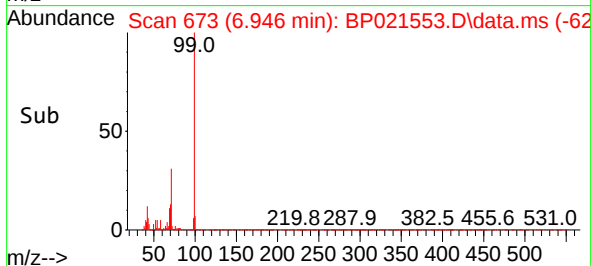
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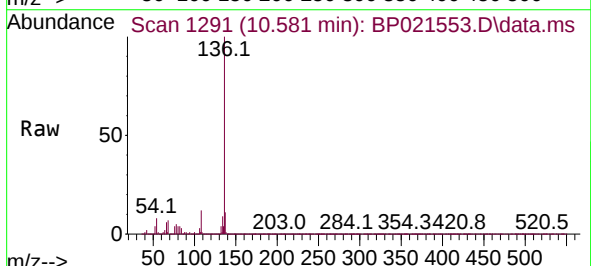
Tgt Ion: 99 Resp: 272024
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.7 25.8 38.8

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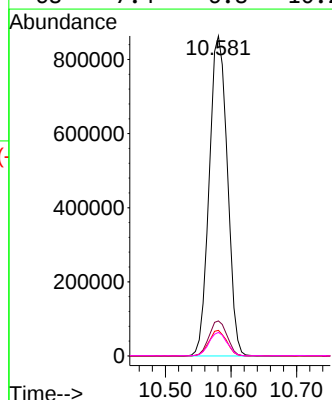
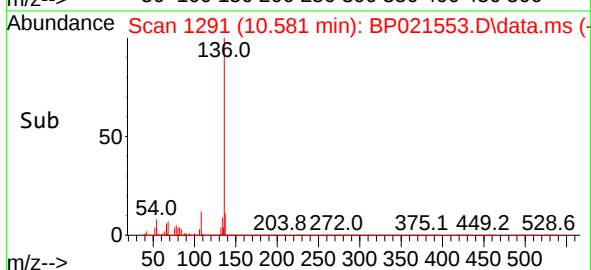
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

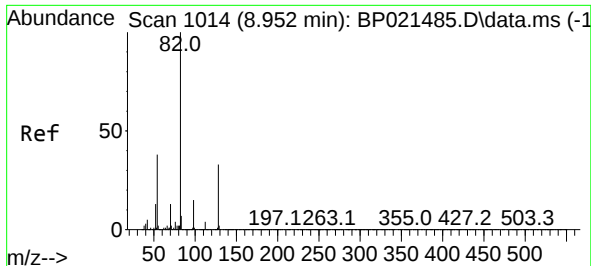


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33



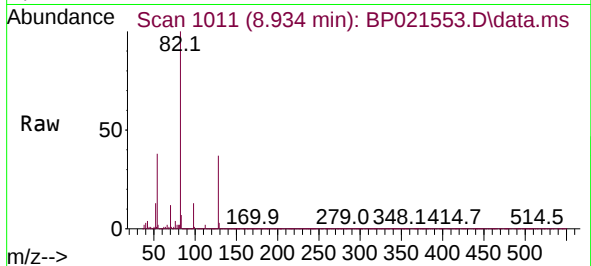
Tgt Ion:136 Resp: 1658838
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 6.3 9.5
68 7.4 6.8 10.2





#23
Nitrobenzene-d5
Concen: 47.811 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

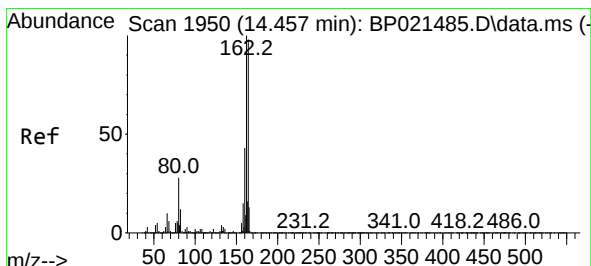
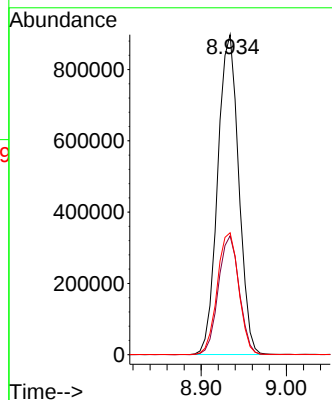
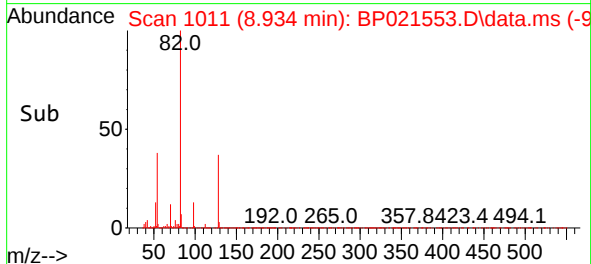
Instrument :
BNA_P
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OU4-TS-07-080724RE



Tgt Ion: 82 Resp: 153656
Ion Ratio Lower Upper
82 100
128 37.1 26.5 39.7
54 38.1 30.3 45.5

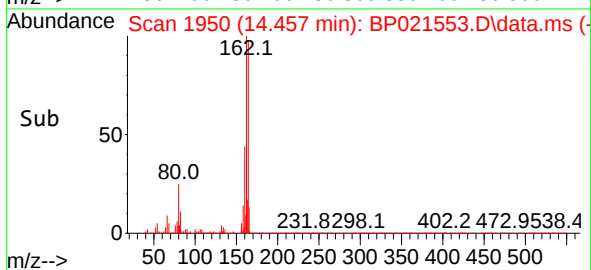
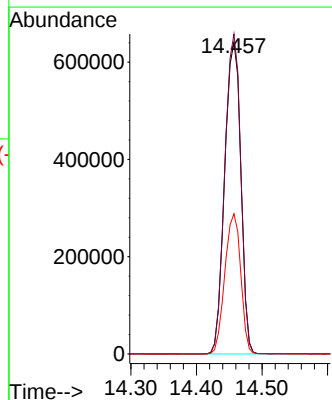
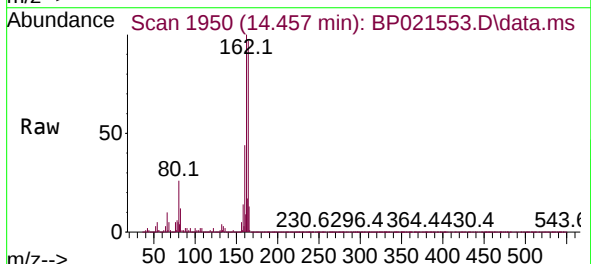
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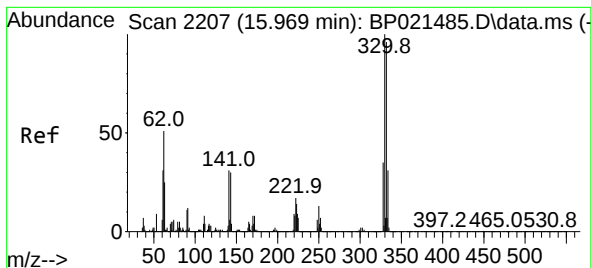
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

Tgt Ion:164 Resp: 1091246
Ion Ratio Lower Upper
164 100
162 102.7 81.5 122.3
160 45.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 73.844 ng

RT: 15.969 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021553.D

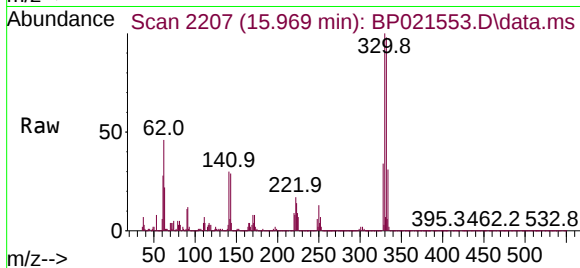
Acq: 19 Aug 2024 14:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-07-080724RE

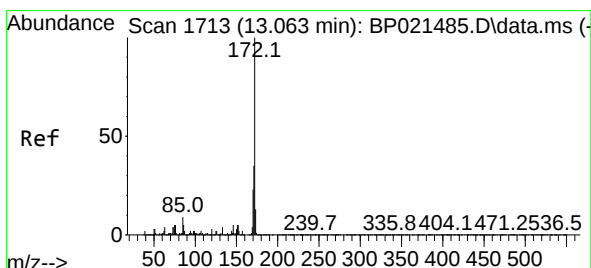
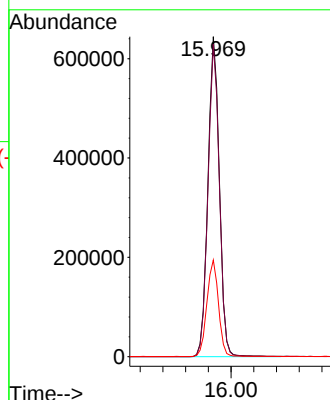
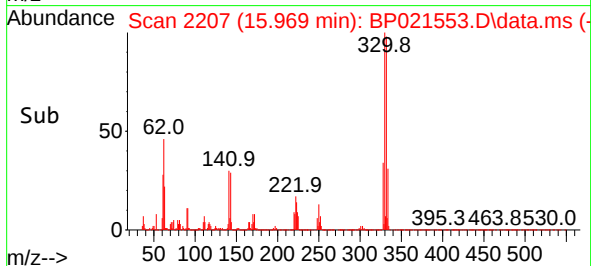


Tgt Ion:	330	Resp:	89684
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	30.5	24.5	36.7

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#45

2-Fluorobiphenyl

Concen: 31.734 ng

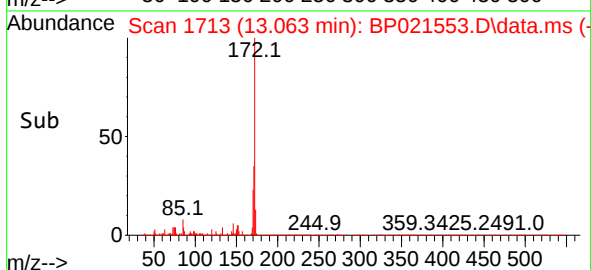
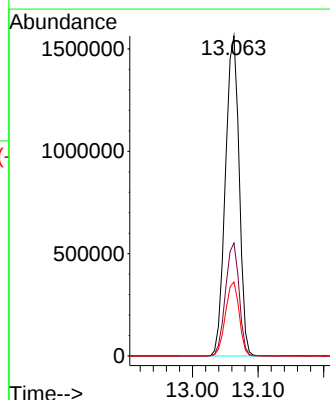
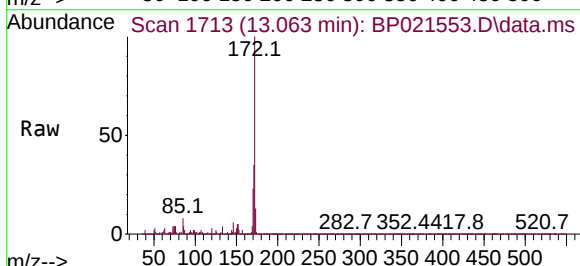
RT: 13.063 min Scan# 1713

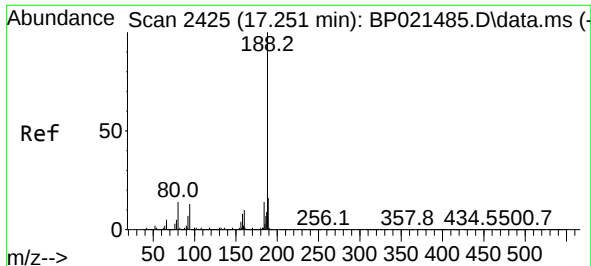
Delta R.T. -0.000 min

Lab File: BP021553.D

Acq: 19 Aug 2024 14:33

Tgt Ion:	172	Resp:	2269038
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.2	42.4
170	23.1	18.4	27.6





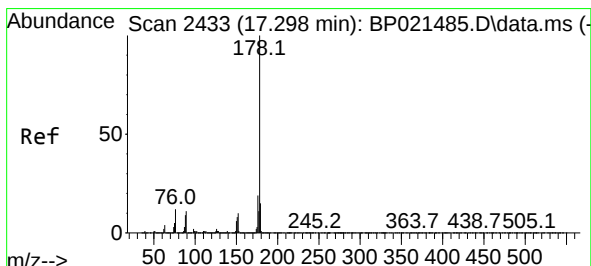
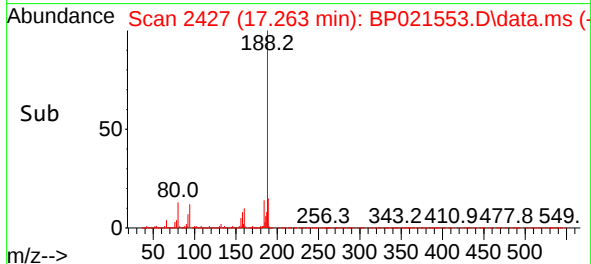
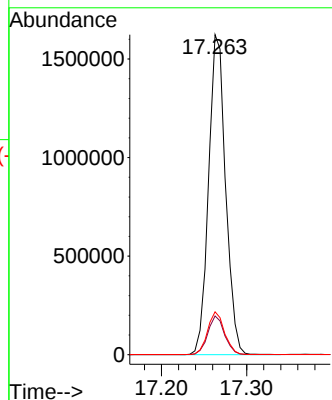
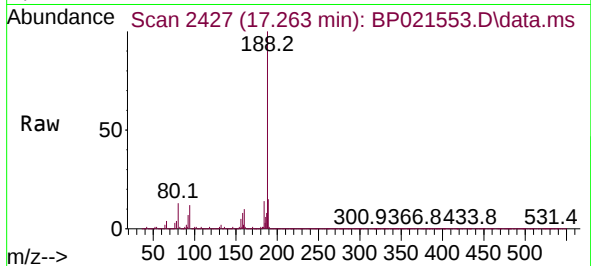
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

Instrument :
BNA_P
ClientSampleId :
OU4-TS-07-080724RE

Tgt Ion:188 Resp: 2252518
Ion Ratio Lower Upper
188 100
94 12.1 10.2 15.4
80 13.4 11.6 17.4

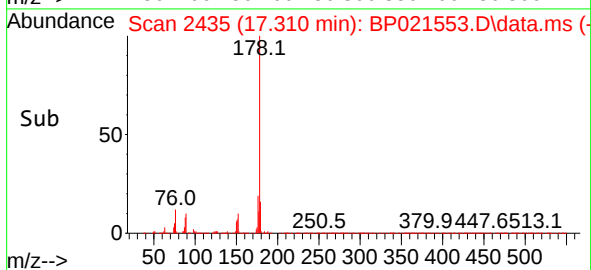
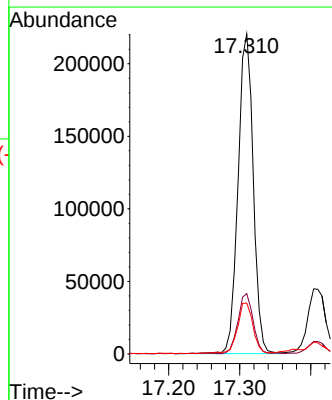
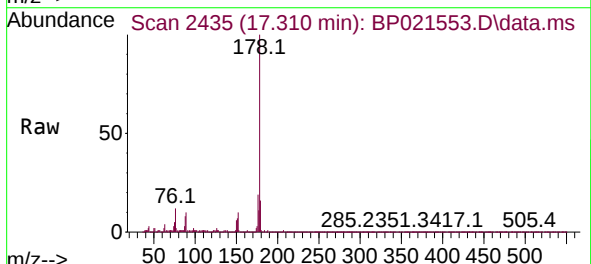
Manual Integrations
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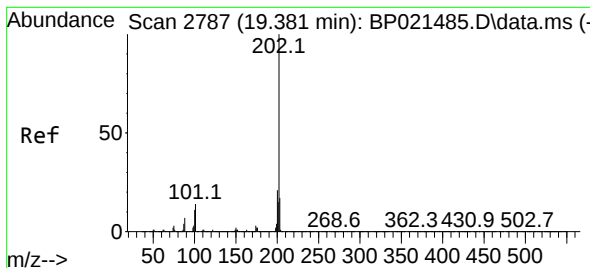
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#71
Phenanthrene
Concen: 3.026 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

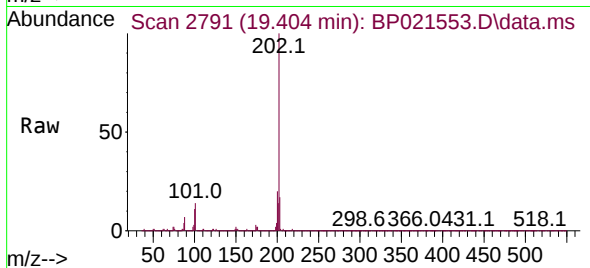
Tgt Ion:178 Resp: 327752
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 16.921 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

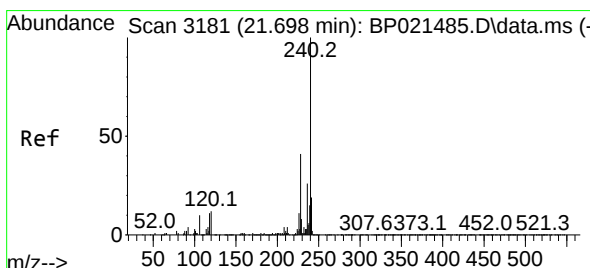
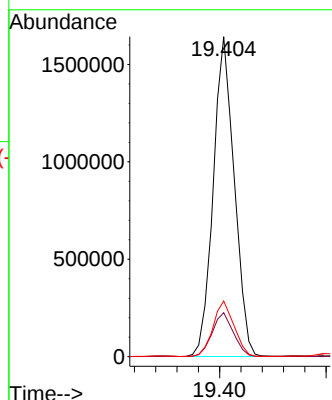
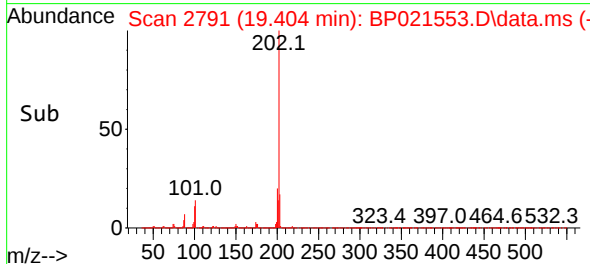
Instrument :
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Tgt Ion:202 Resp: 2249130
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.0
203 17.4 0.0 37.5

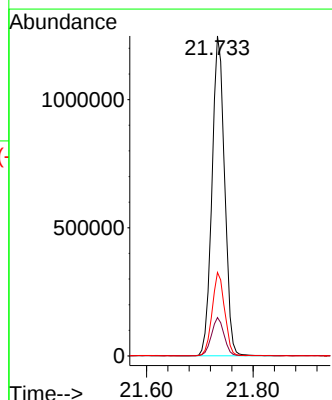
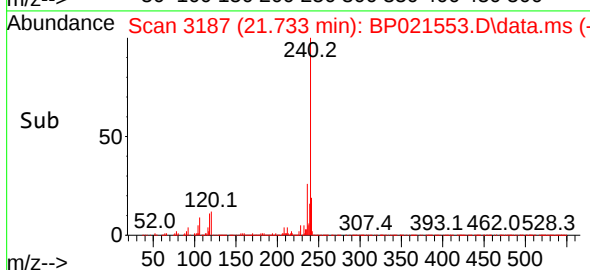
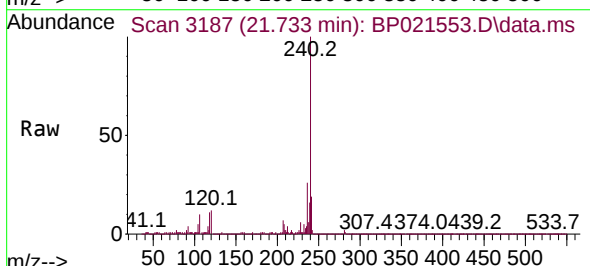
Manual Integrations
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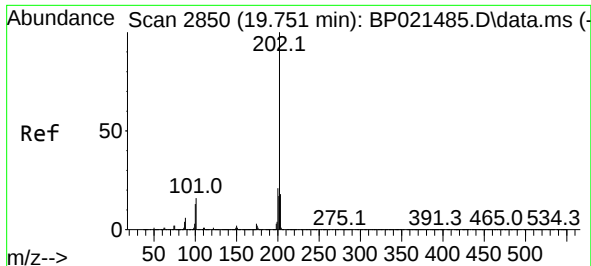
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

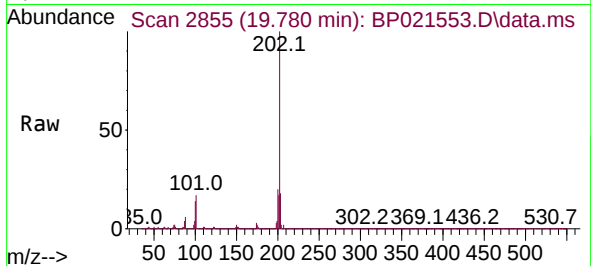
Tgt Ion:240 Resp: 2051926
Ion Ratio Lower Upper
240 100
120 12.0 9.9 14.9
236 26.1 20.6 30.8





#78
Pyrene
Concen: 12.411 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.029 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

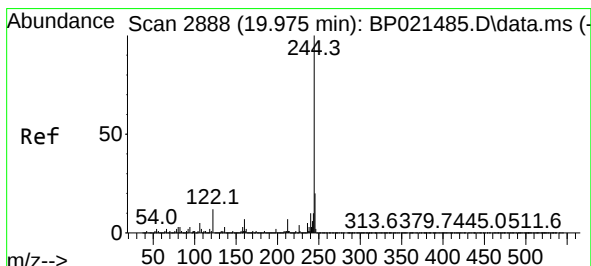
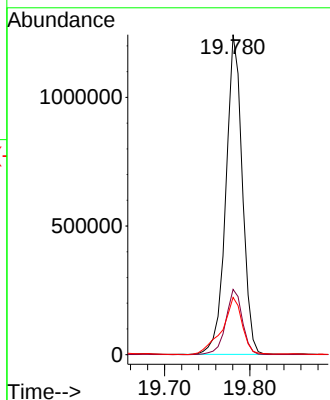
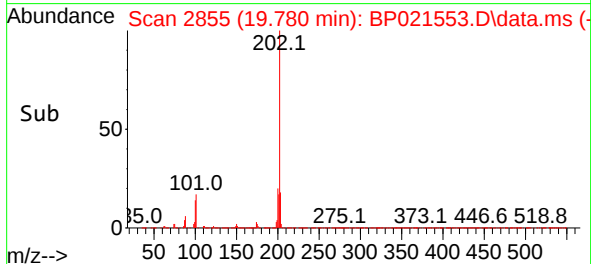
Instrument :
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ClientSampleId :
OU4-TS-07-080724RE



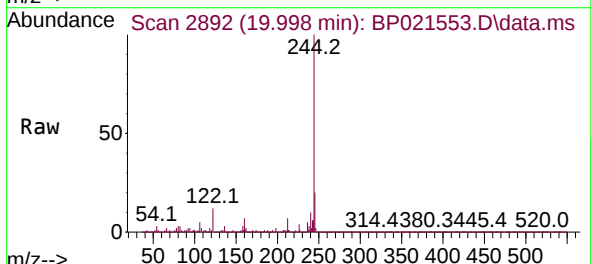
Tgt Ion:202 Resp: 1664594
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.9 14.1 21.1

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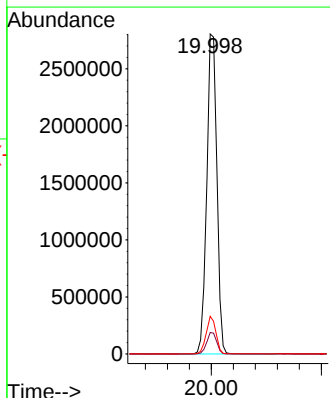
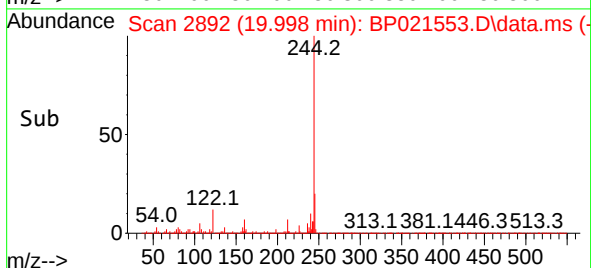
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

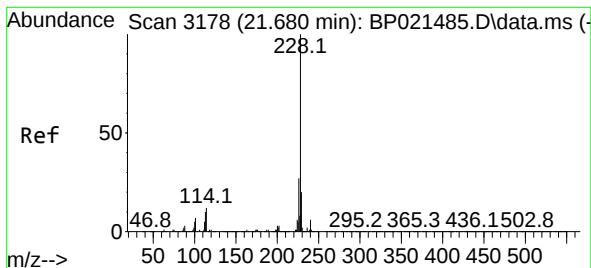


#79
Terphenyl-d14
Concen: 33.778 ng
RT: 19.998 min Scan# 2892
Delta R.T. 0.023 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33



Tgt Ion:244 Resp: 3567662
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.7 9.4 14.2





#81

Benzo(a)anthracene

Concen: 3.690 ng

RT: 21.715 min Scan# 3184

Delta R.T. 0.035 min

Lab File: BP021553.D

Acq: 19 Aug 2024 14:33

Instrument :

BNA_P

ClientSampleId :

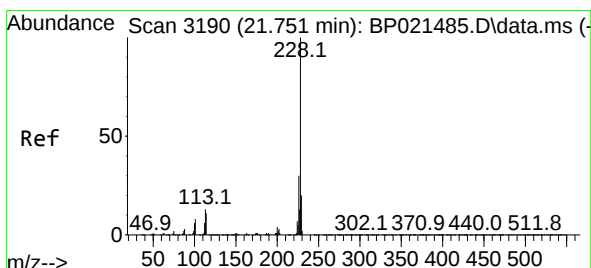
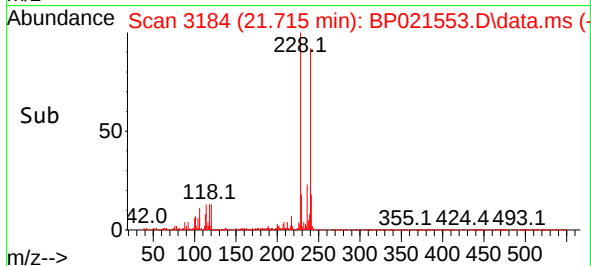
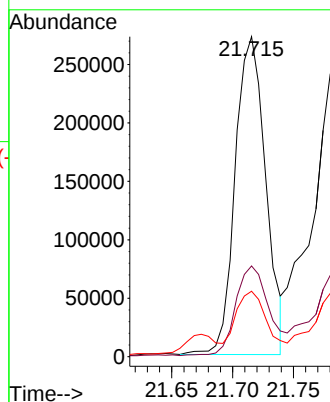
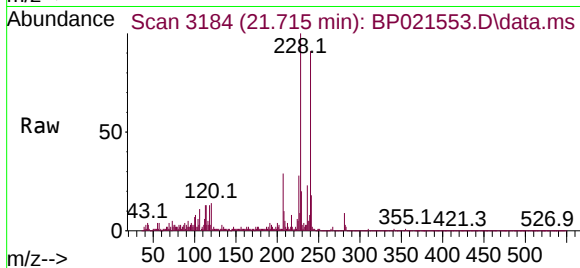
OU4-TS-07-080724RE

Tgt Ion:	228	Resp:	475309
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.4	32.2
229	20.5	15.8	23.6

Manual Integrations

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



#83

Chrysene

Concen: 4.888 ng

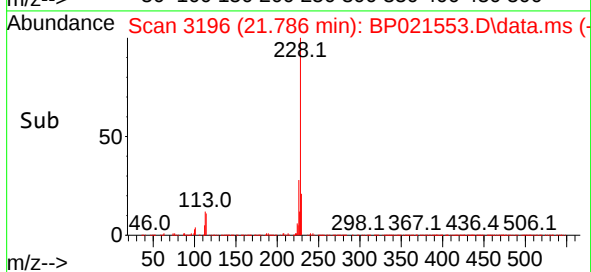
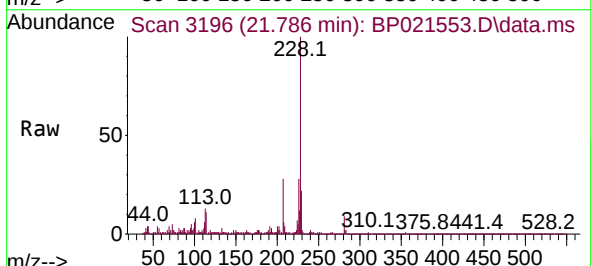
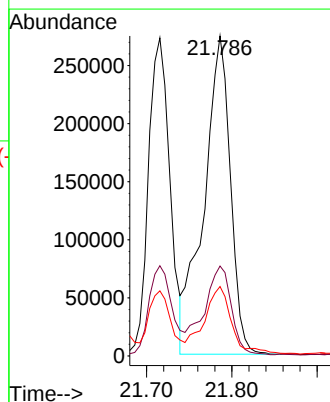
RT: 21.786 min Scan# 3196

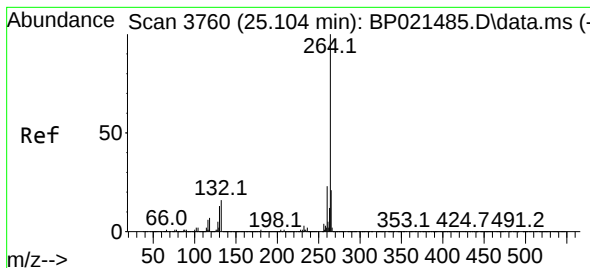
Delta R.T. 0.035 min

Lab File: BP021553.D

Acq: 19 Aug 2024 14:33

Tgt Ion:	228	Resp:	594509
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.9	35.9
229	21.7	15.8	23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.192 min Scan# 31

Delta R.T. 0.088 min

Lab File: BP021553.D

Acq: 19 Aug 2024 14:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-07-080724RE

Tgt Ion:264 Resp: 2330089

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

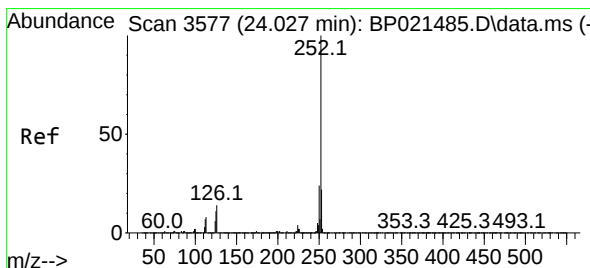
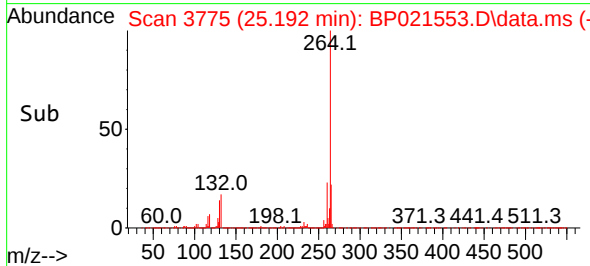
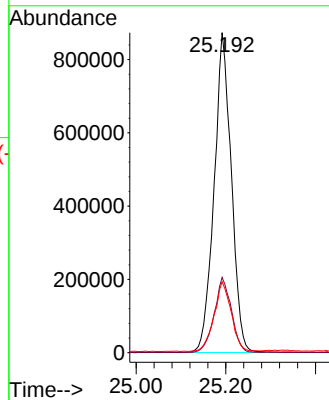
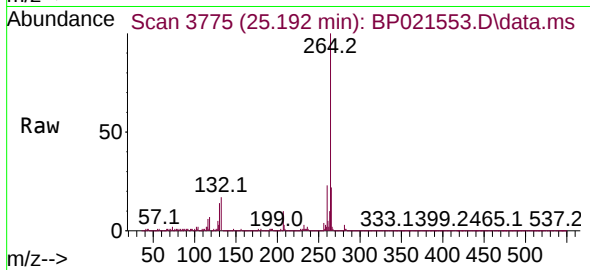
265 22.1 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#88

Benzo(b)fluoranthene

Concen: 4.797 ng m

RT: 24.104 min Scan# 3590

Delta R.T. 0.076 min

Lab File: BP021553.D

Acq: 19 Aug 2024 14:33

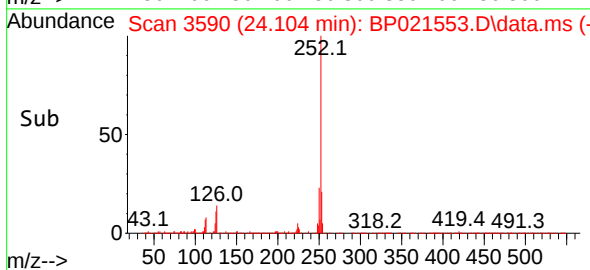
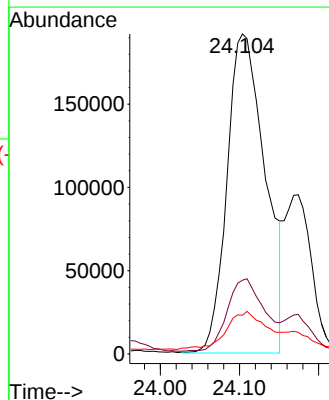
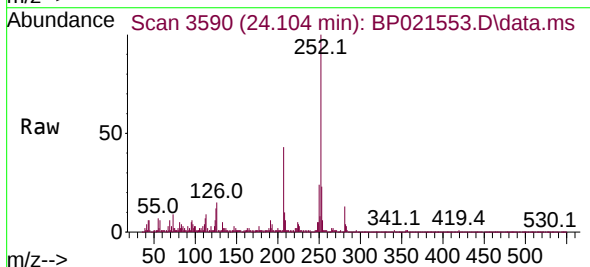
Tgt Ion:252 Resp: 641952

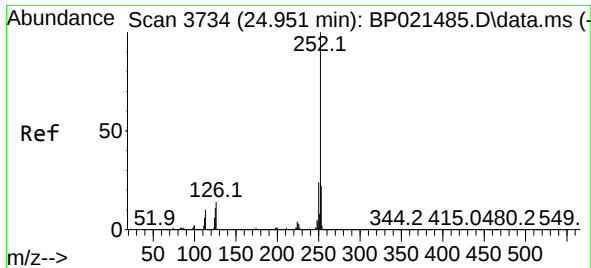
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

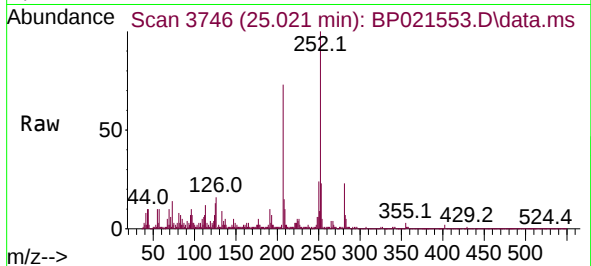
125 12.1 8.6 13.0





#90
Benzo(a)pyrene
Concen: 2.824 ng
RT: 25.021 min Scan# 31
Delta R.T. 0.070 min
Lab File: BP021553.D
Acq: 19 Aug 2024 14:33

Instrument :
BNA_P
ClientSampleId :
OU4-TS-07-080724RE



Tgt Ion:252 Resp: 32799
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.0 8.7 13.1

Manual Integrations
APPROVED

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

