

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021586.D
 Acq On : 21 Aug 2024 00:36
 Operator : RC/JU
 Sample : P3518-23RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-12-080724RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 01:09:19 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	372258	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1569075	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	1025827	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	2226125	20.000	ng	0.00
76) Chrysene-d12	21.704	240	2077776	20.000	ng	0.00
86) Perylene-d12	25.145	264	2412095	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1816810	72.469	ng	0.00
7) Phenol-d6	6.969	99	2640587	72.203	ng	0.00
23) Nitrobenzene-d5	8.946	82	1536266	50.536	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	976508	85.531	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	2498944	37.178	ng	0.00
79) Terphenyl-d14	19.969	244	4283011	40.046	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.375	202	617893	4.704	ng	99
78) Pyrene	19.751	202	554390	4.082	ng	100
81) Benzo(a)anthracene	21.686	228	308888	2.368	ng	95
83) Chrysene	21.751	228	347133m	2.819	ng	
88) Benzo(b)fluoranthene	24.057	252	518113	3.740	ng	# 95
90) Benzo(a)pyrene	24.974	252	337697	2.809	ng	# 92
92) Benzo(g,h,i)perylene	30.250	276	266128	2.044	ng	98

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

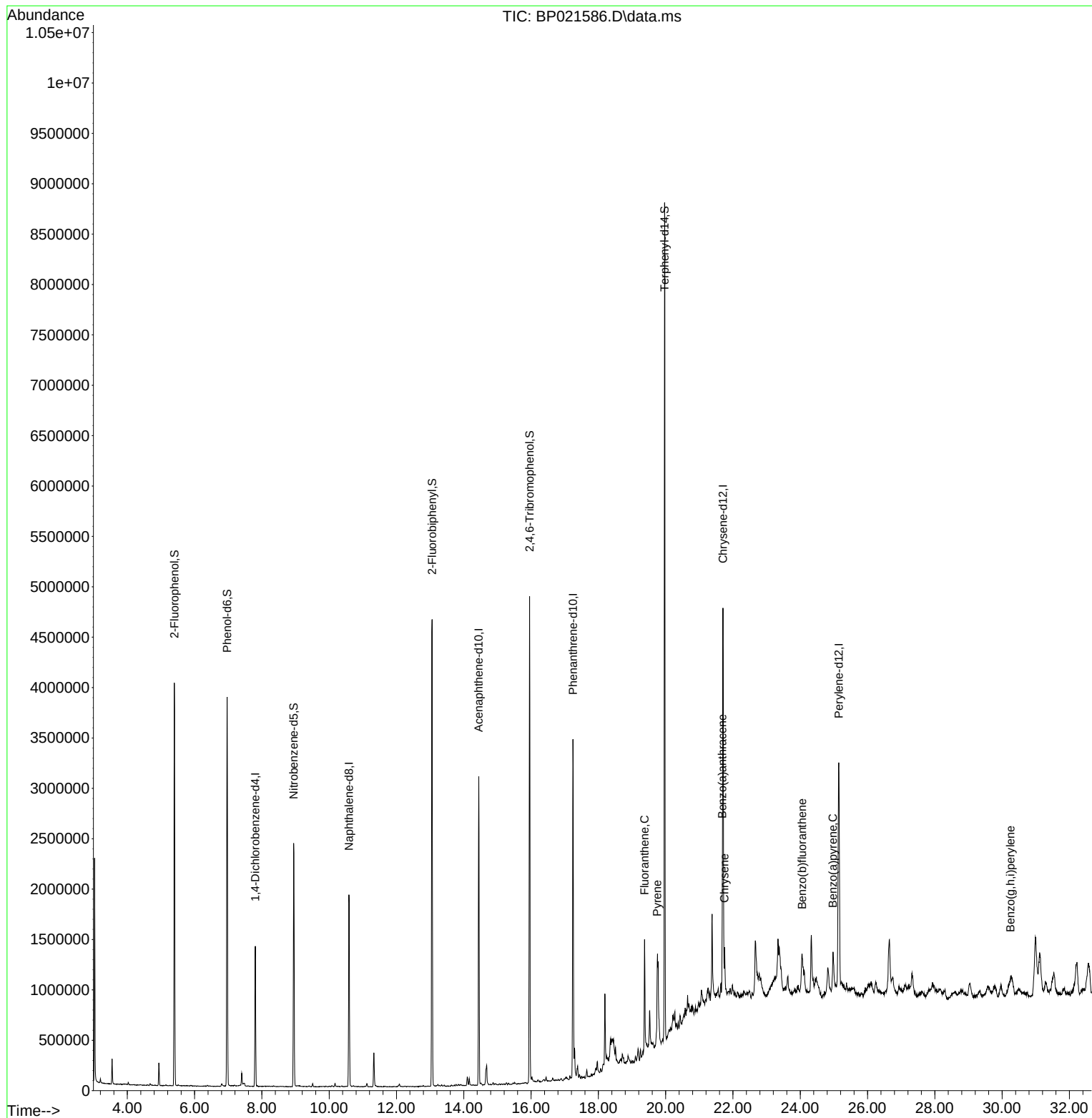
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021586.D
Acq On : 21 Aug 2024 00:36
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Sample : P3518-23RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

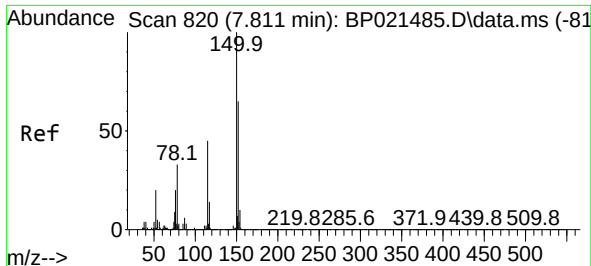
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE

Quant Time: Aug 21 01:09:19 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
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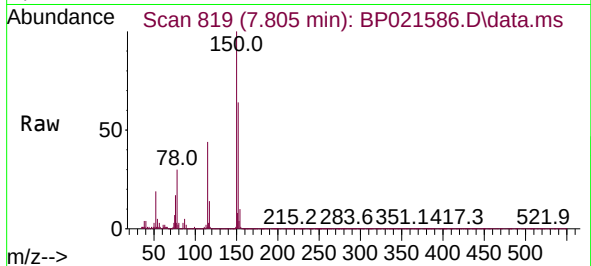
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

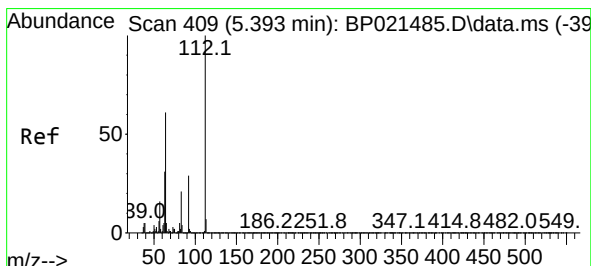
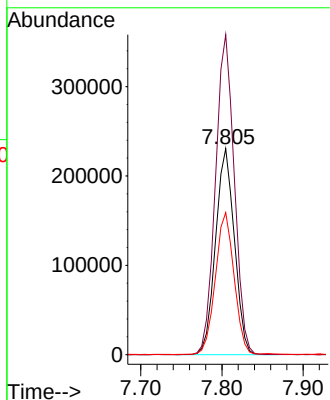
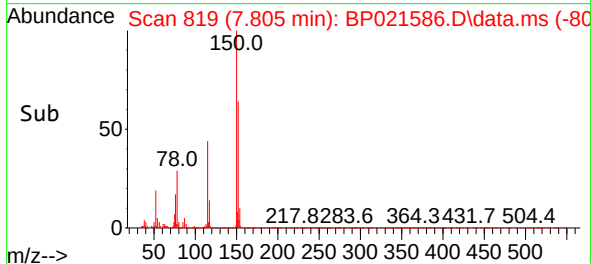
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE



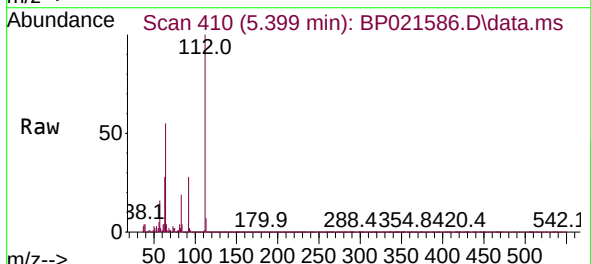
Tgt Ion:152 Resp: 372258
Ion Ratio Lower Upper
152 100
150 155.3 122.4 183.6
115 68.9 54.7 82.1

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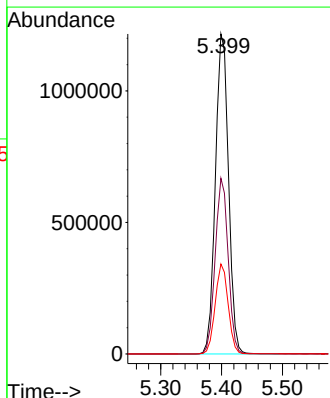
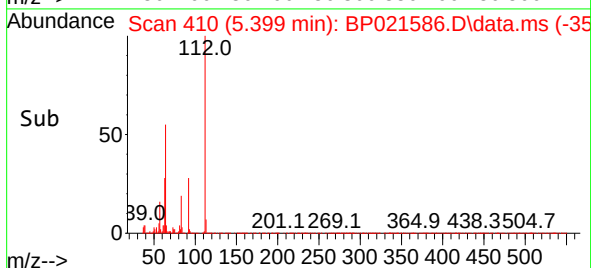
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

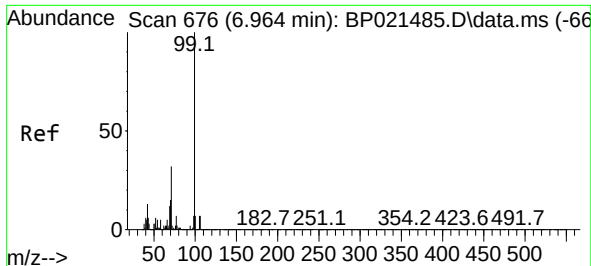


#5
2-Fluorophenol
Concen: 72.469 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36



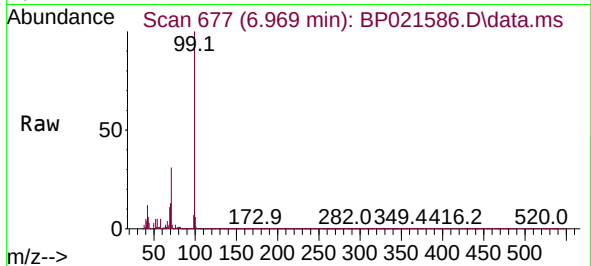
Tgt Ion:112 Resp: 1816810
Ion Ratio Lower Upper
112 100
64 54.9 49.0 73.6
63 28.1 24.6 36.8





#7
Phenol-d6
Concen: 72.203 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

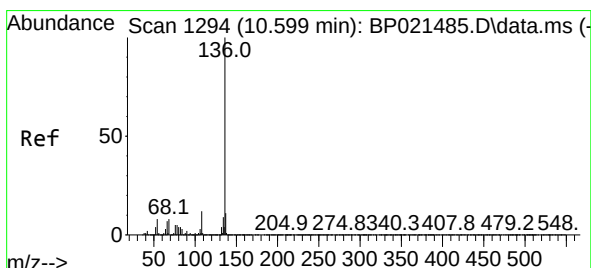
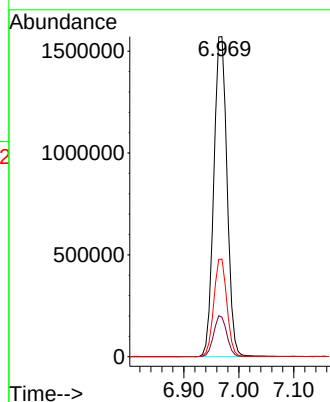
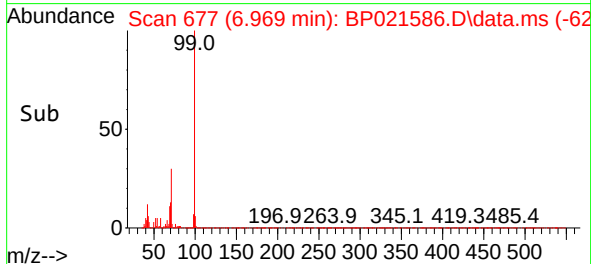
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE



Tgt Ion: 99 Resp: 264058
Ion Ratio Lower Upper
99 100
42 12.4 10.2 15.4
71 30.5 25.8 38.8

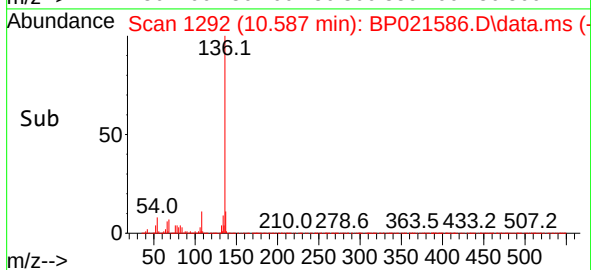
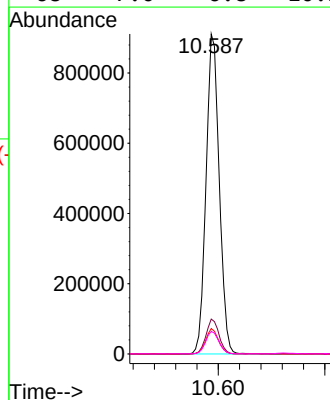
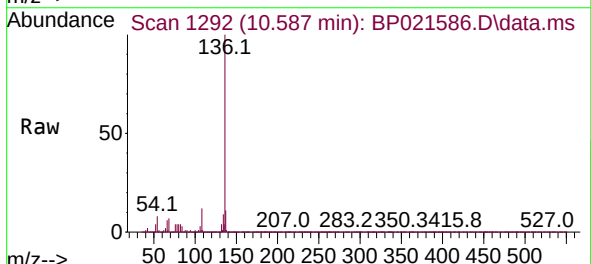
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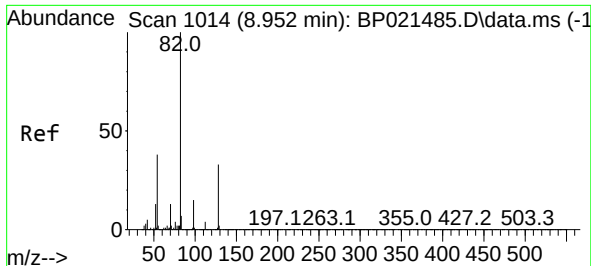
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

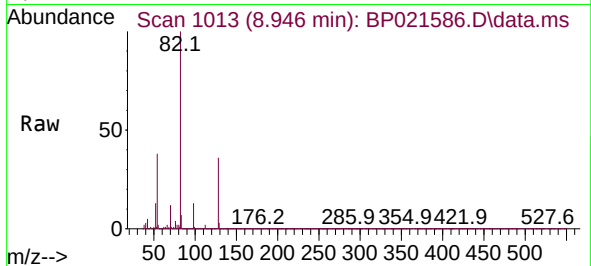
Tgt Ion:136 Resp: 1569075
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.3 9.5
68 7.0 6.8 10.2





#23
Nitrobenzene-d5
Concen: 50.536 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

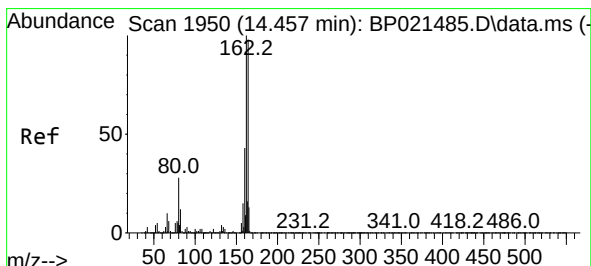
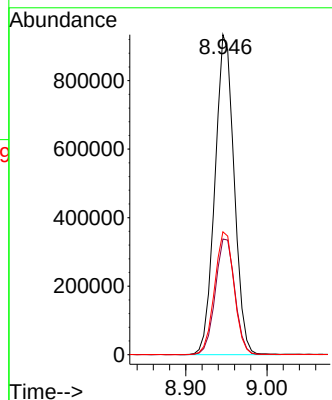
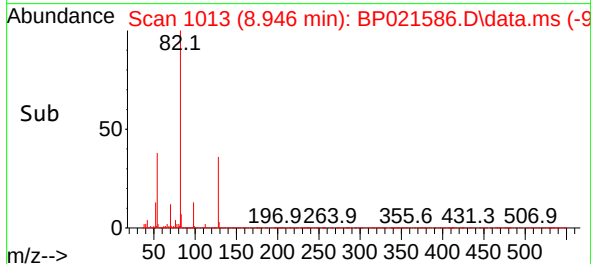
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE



Tgt Ion: 82 Resp: 1536260
Ion Ratio Lower Upper
82 100
128 36.2 26.5 39.7
54 38.4 30.3 45.5

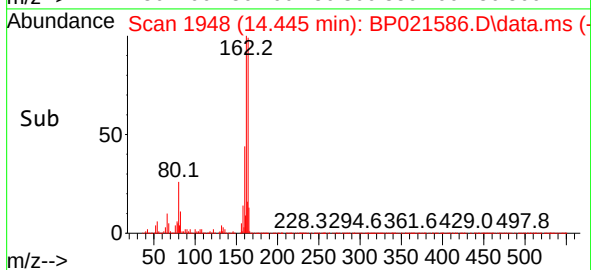
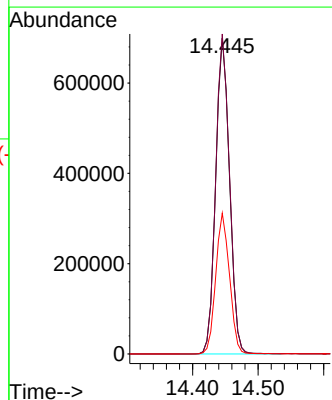
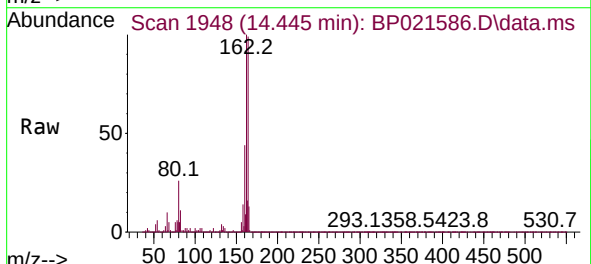
Manual Integrations
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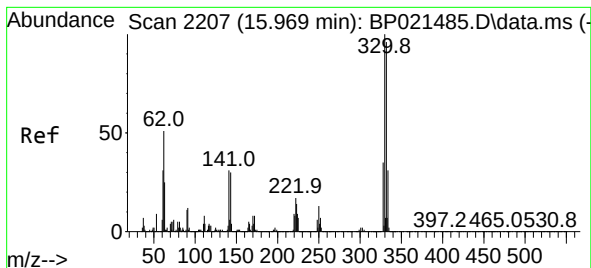
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

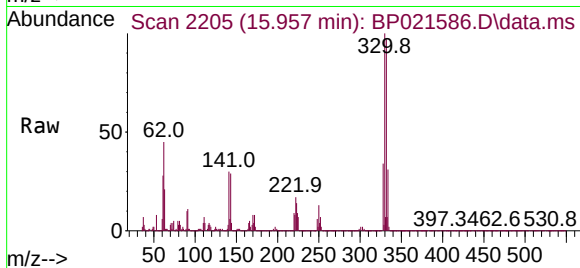
Tgt Ion:164 Resp: 1025827
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 44.6 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 85.531 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

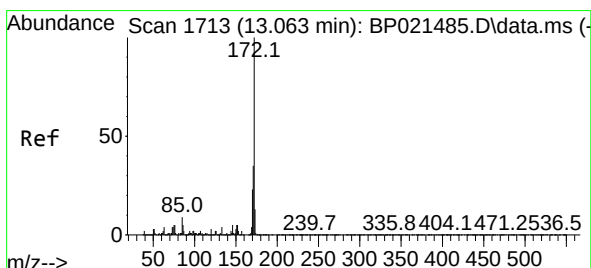
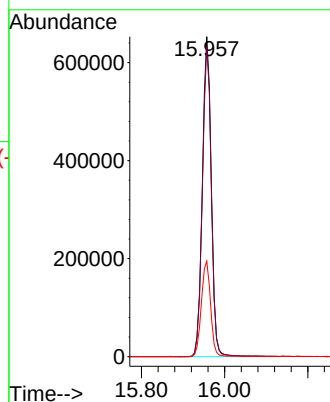
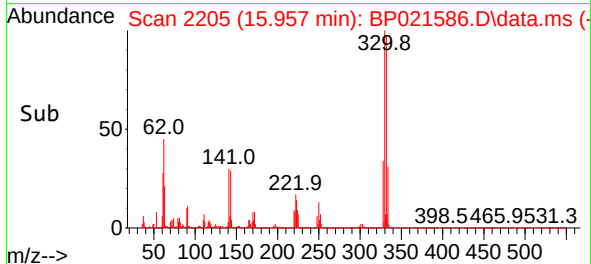
Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE



Tgt Ion:330 Resp: 976508
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 30.7 24.5 36.7

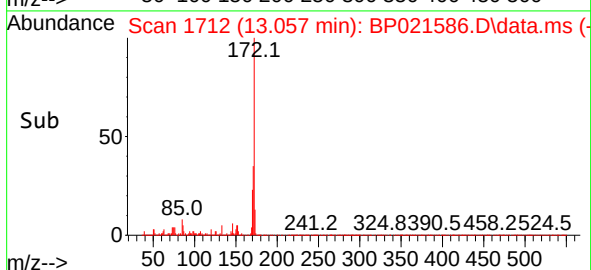
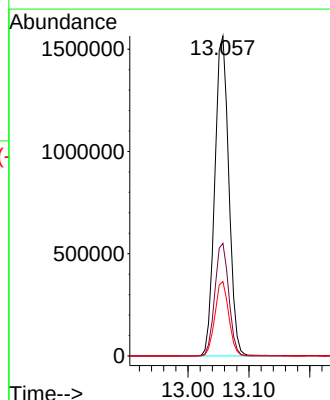
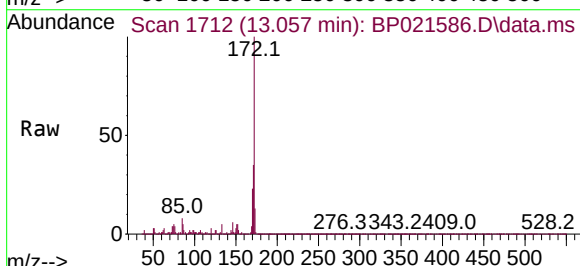
Manual Integrations
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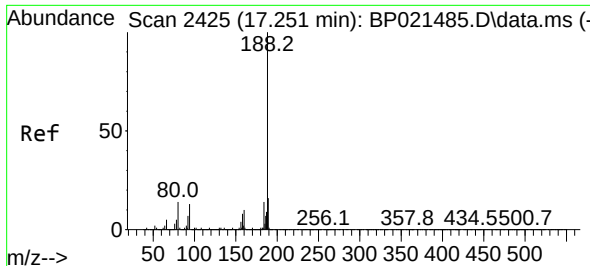
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#45
2-Fluorobiphenyl
Concen: 37.178 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

Tgt Ion:172 Resp: 2498944
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

Instrument :

BNA_P

ClientSampleId :

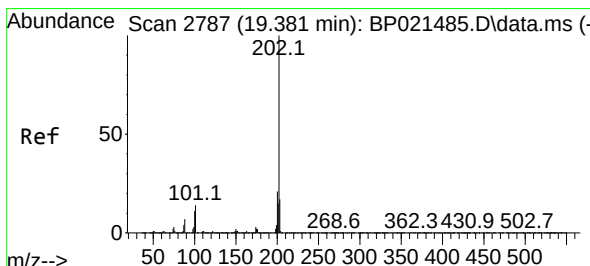
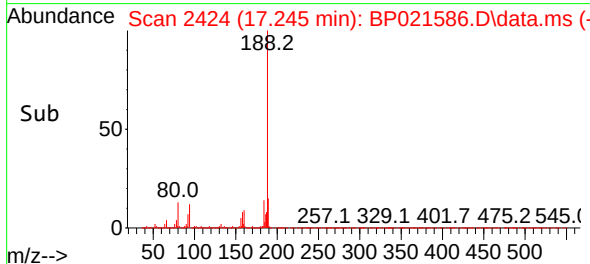
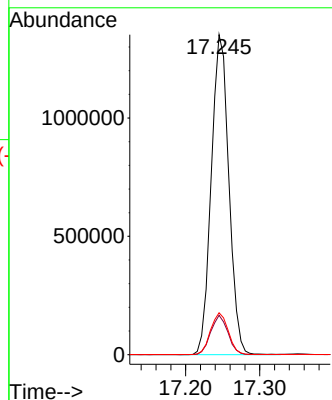
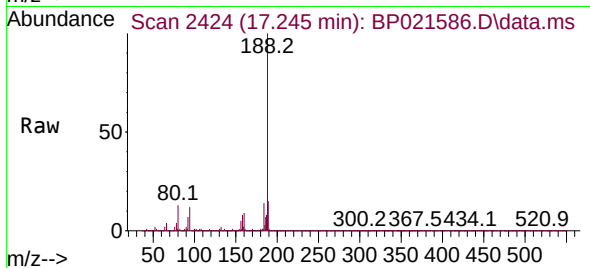
OU4-TS-12-080724RE

Tgt Ion:188 Resp: 2226125
Ion Ratio Lower Upper
188 100
94 12.3 10.2 15.4
80 13.1 11.6 17.4

Manual Integrations

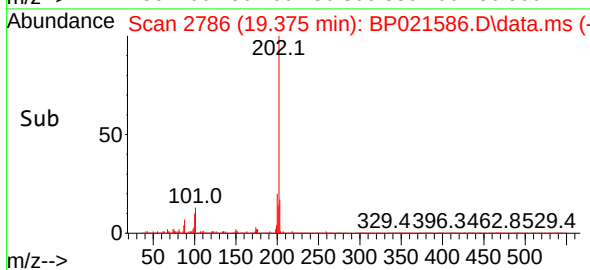
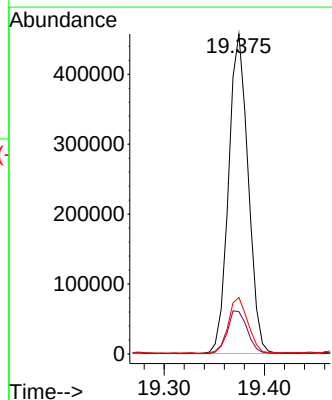
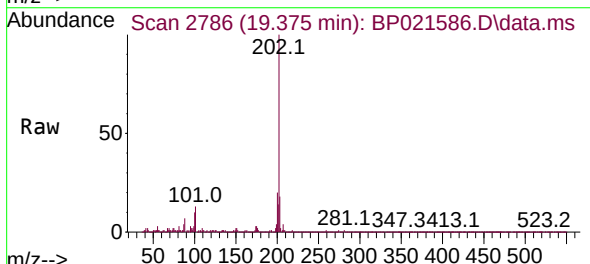
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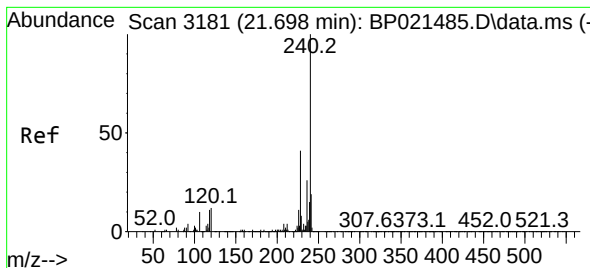
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#75
Fluoranthene
Concen: 4.704 ng
RT: 19.375 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

Tgt Ion:202 Resp: 617893
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.0
203 17.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.704 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

Instrument :

BNA_P

ClientSampleId :

OU4-TS-12-080724RE

Tgt Ion:240 Resp: 2077770

Ion Ratio Lower Upper

240 100

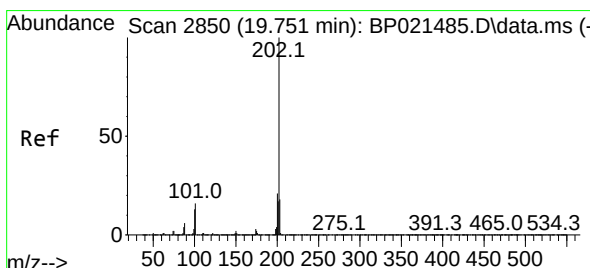
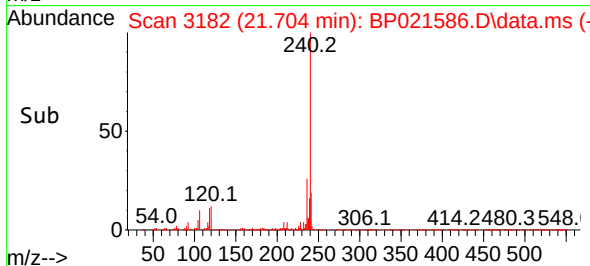
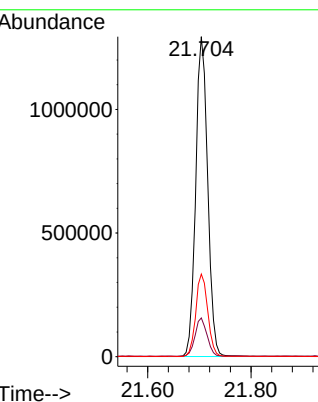
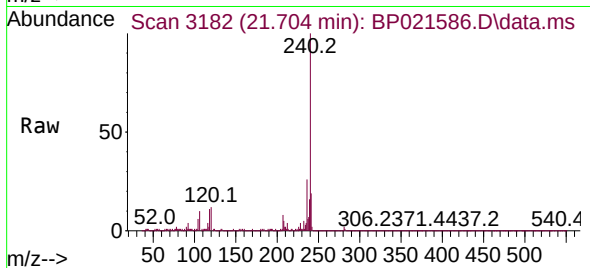
120 12.1 9.9 14.9

236 25.8 20.6 30.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#78

Pyrene

Concen: 4.082 ng

RT: 19.751 min Scan# 2850

Delta R.T. -0.000 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

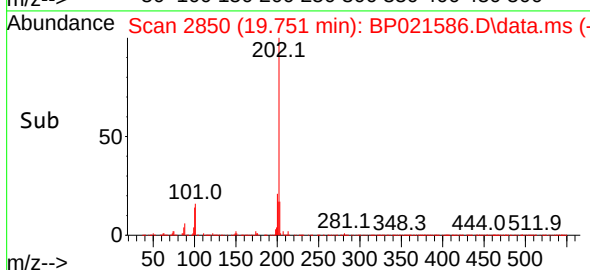
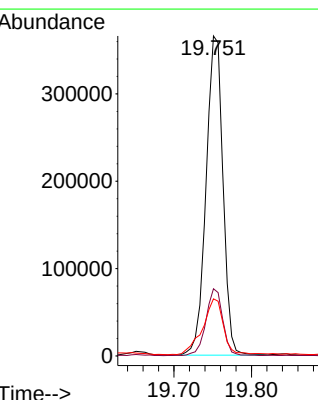
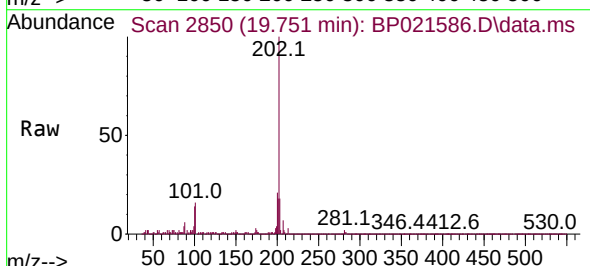
Tgt Ion:202 Resp: 554390

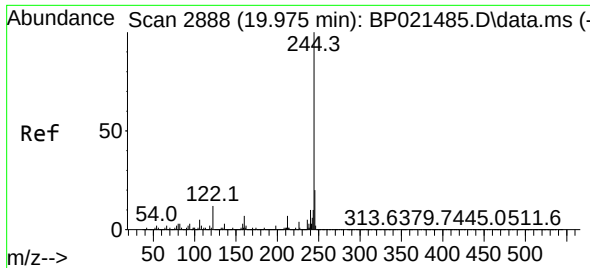
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 40.046 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021586.D
 Acq: 21 Aug 2024 00:36

Instrument :

BNA_P

ClientSampleId :

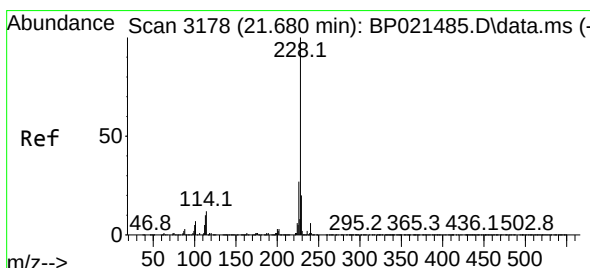
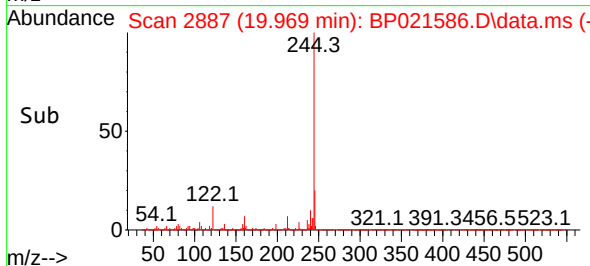
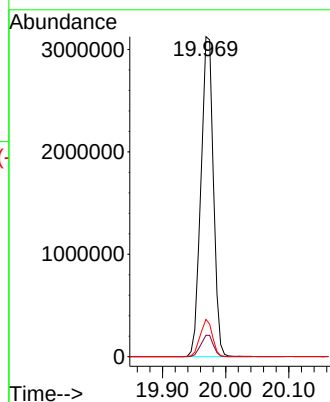
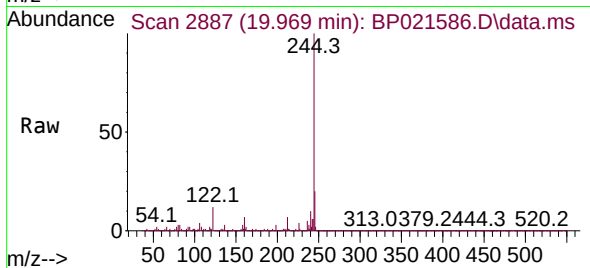
OU4-TS-12-080724RE

Tgt Ion:244 Resp: 428301
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 9.4 14.2

Manual Integrations

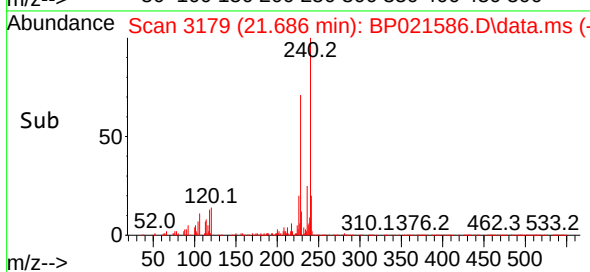
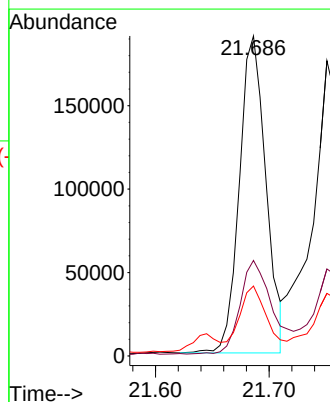
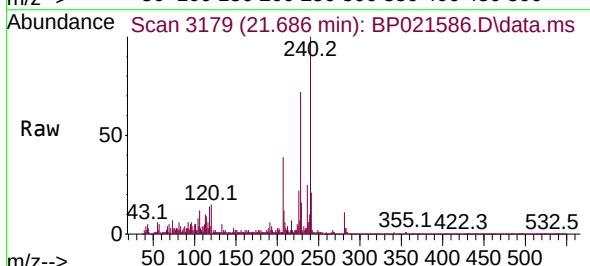
APPROVED

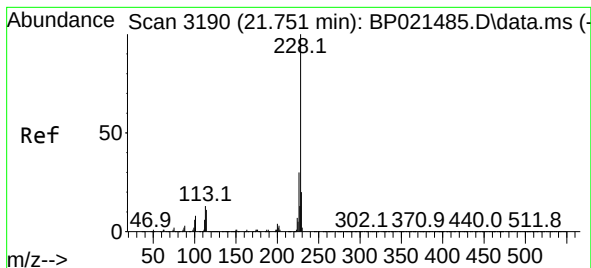
Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#81
 Benzo(a)anthracene
 Concen: 2.368 ng
 RT: 21.686 min Scan# 3179
 Delta R.T. 0.006 min
 Lab File: BP021586.D
 Acq: 21 Aug 2024 00:36

Tgt Ion:228 Resp: 308888
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.4 32.2
 229 21.9 15.8 23.6





#83

Chrysene

Concen: 2.819 ng m

RT: 21.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

Instrument :

BNA_P

ClientSampleId :

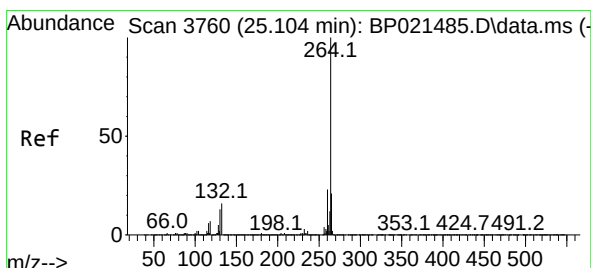
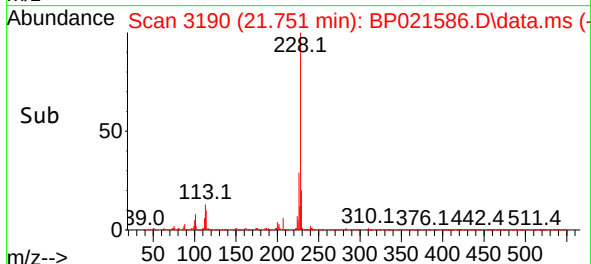
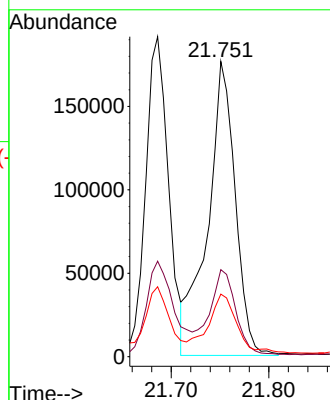
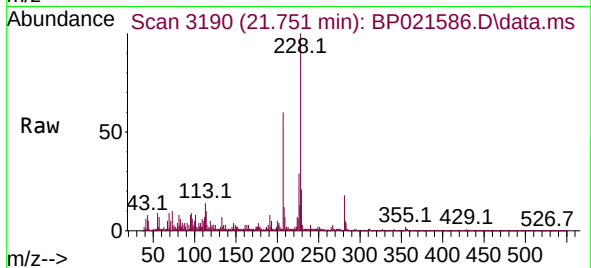
OU4-TS-12-080724RE

Tgt Ion:	228	Resp:	34713
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.9	35.9
229	21.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

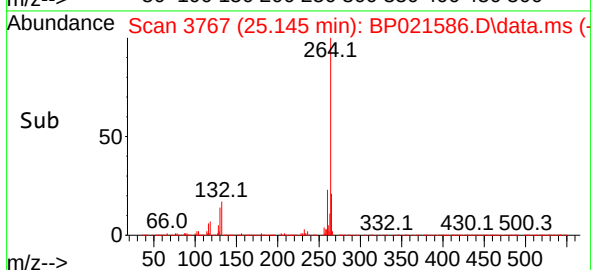
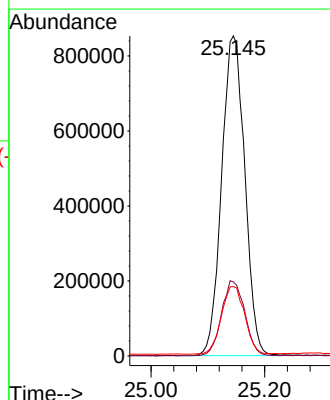
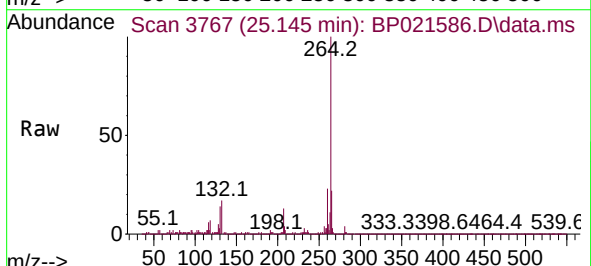
RT: 25.145 min Scan# 3767

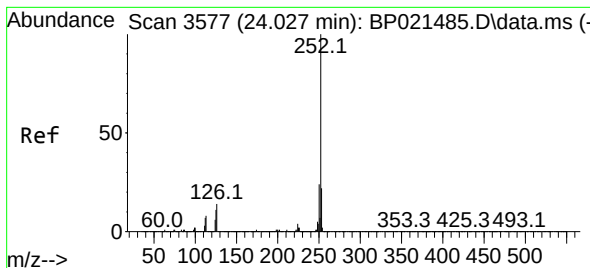
Delta R.T. 0.041 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

Tgt Ion:	264	Resp:	2412095
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.7	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 3.740 ng

RT: 24.057 min Scan# 3577

Delta R.T. 0.029 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

Instrument :

BNA_P

ClientSampleId :

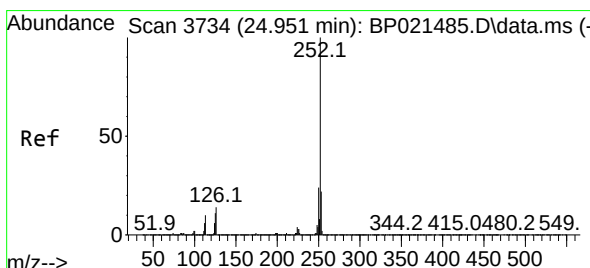
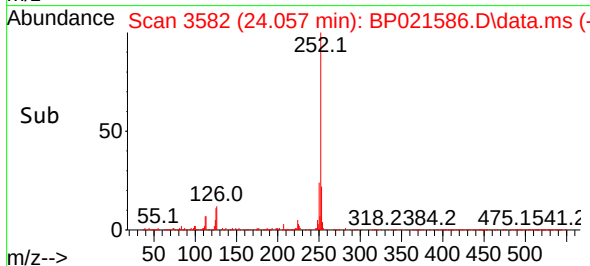
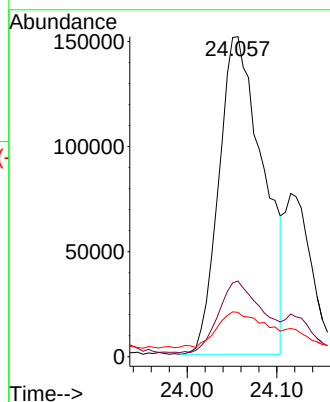
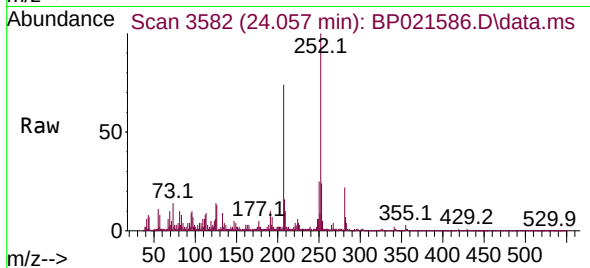
OU4-TS-12-080724RE

Tgt Ion:	252	Resp:	51811
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	13.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#90

Benzo(a)pyrene

Concen: 2.809 ng

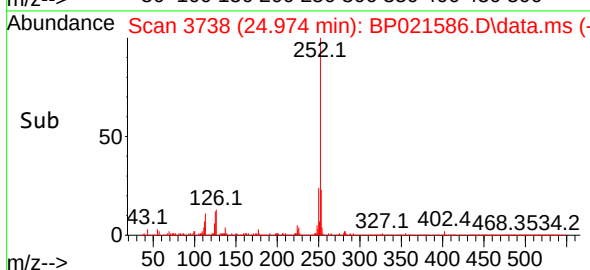
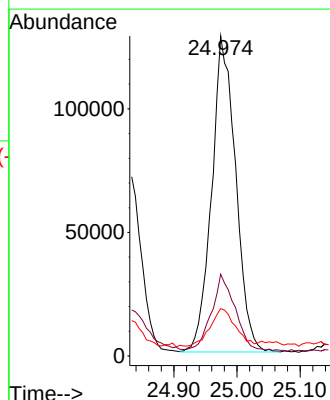
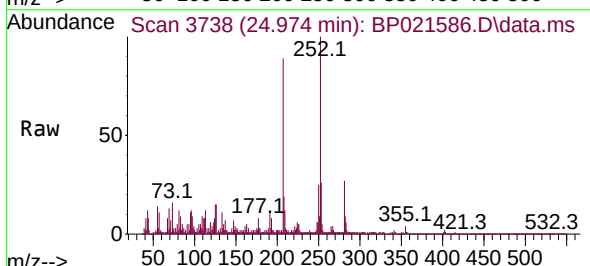
RT: 24.974 min Scan# 3738

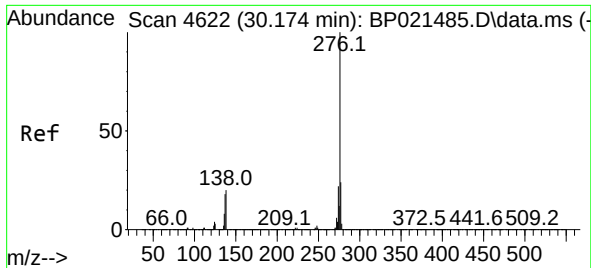
Delta R.T. 0.023 min

Lab File: BP021586.D

Acq: 21 Aug 2024 00:36

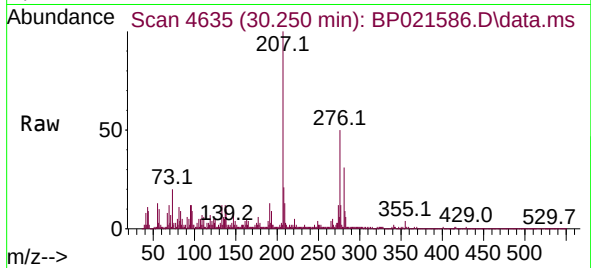
Tgt Ion:	252	Resp:	337697
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.7	26.5
125	14.8	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 2.044 ng
RT: 30.250 min Scan# 4635
Delta R.T. 0.076 min
Lab File: BP021586.D
Acq: 21 Aug 2024 00:36

Instrument :
BNA_P
ClientSampleId :
OU4-TS-12-080724RE



Tgt Ion: 276 Resp: 266128
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 19.2 16.0 24.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

