

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007837.D
 Acq On : 03 Nov 2021 23:16
 Operator : CG/JU
 Sample : M4427-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FDR-BH-4-20211029-7.5-8M

Quant Time: Nov 04 07:33:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/04/2021
 Supervised By : mohammad ahmed 11/08/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	238636	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	984575	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	650483	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	1424332	20.00	ng	0.00
76) Chrysene-d12	21.410	240	1483765	20.00	ng	0.00
86) Perylene-d12	23.851	264	1380426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	232181	16.50	ng	0.00
7) Phenol-d6	7.087	99	294437	14.46	ng	0.00
23) Nitrobenzene-d5	9.075	82	193583	10.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	154619	16.66	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	495191	11.09	ng	-0.01
79) Terphenyl-d14	19.880	244	860293	11.81	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.327	202	752107	7.96	ng	82
78) Pyrene	19.680	202	675768	7.43	ng	# 89
81) Benzo(a)anthracene	21.392	228	497877	5.09	ng	# 94
83) Chrysene	21.445	228	424832	4.59	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.386	276	362252	3.52	ng	# 94
88) Benzo(b)fluoranthene	23.104	252	612289	7.52	ng	# 89
89) Benzo(k)fluoranthene	23.145	252	201948m	2.50	ng	
90) Benzo(a)pyrene	23.739	252	523370	7.43	ng	# 94
92) Benzo(g,h,i)perylene	27.174	276	355473	4.20	ng	98

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

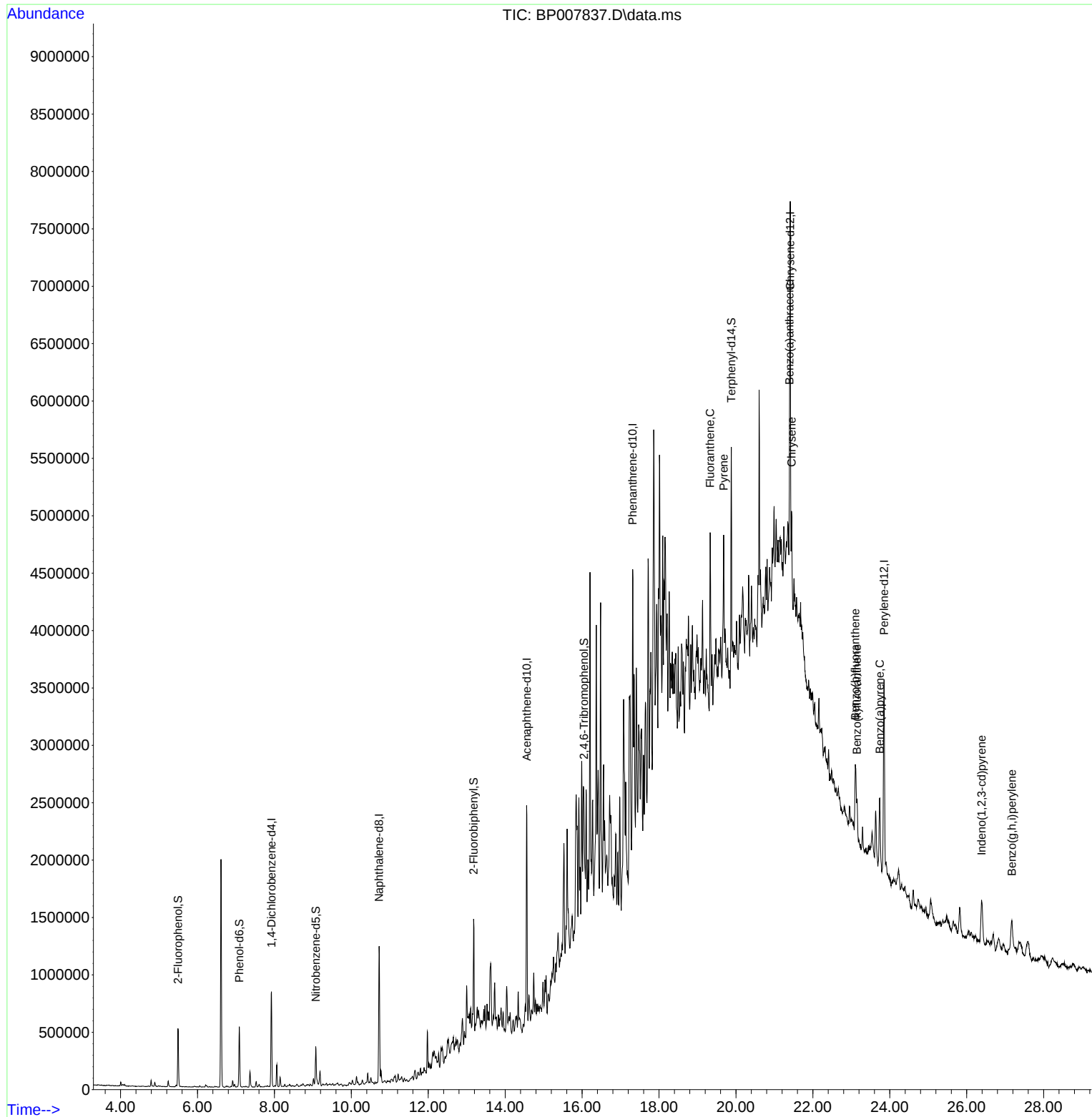
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

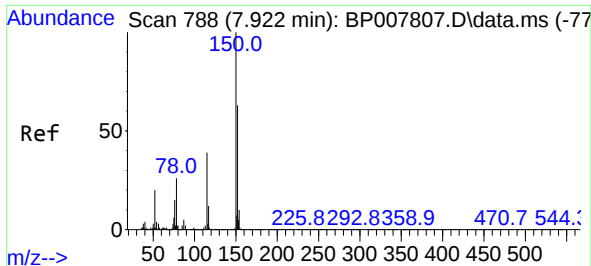
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Time: Nov 04 07:33:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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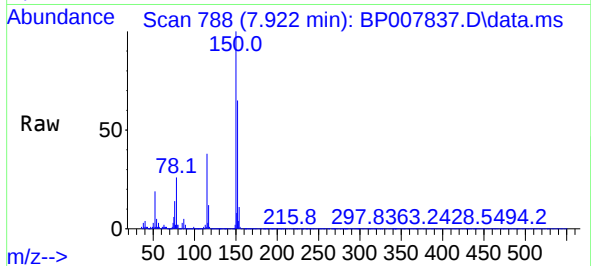
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

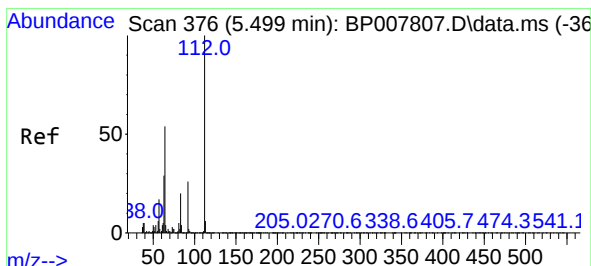
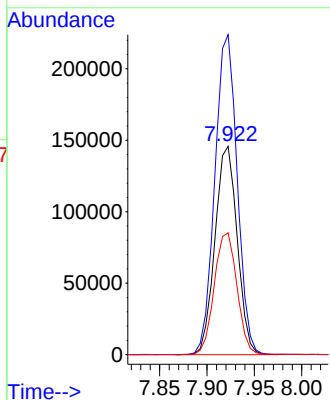
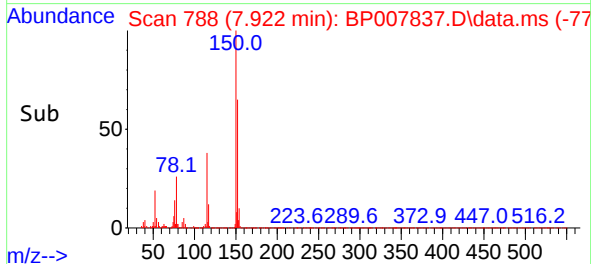
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



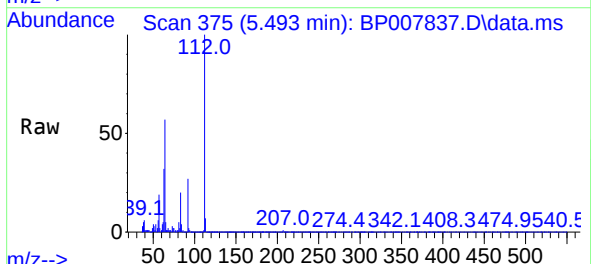
Tgt Ion:152 Resp: 238630
Ion Ratio Lower Upper
152 100
150 153.6 124.1 186.1
115 58.5 48.1 72.1

Manual Integrations
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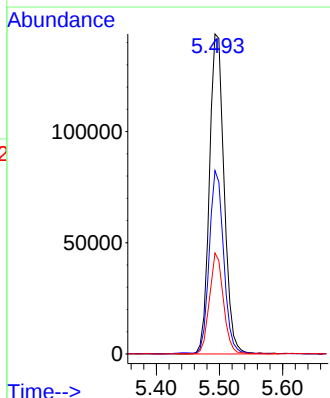
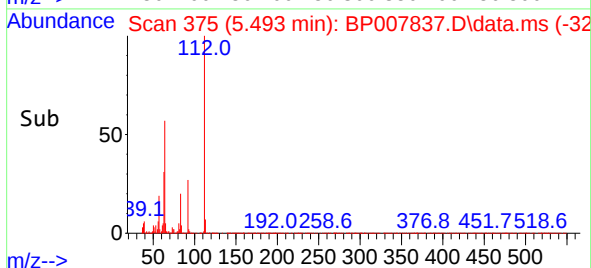
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#5
2-Fluorophenol
Concen: 16.50 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16



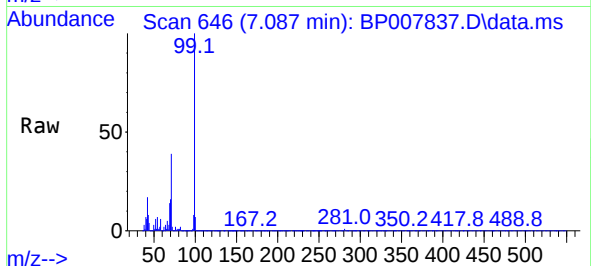
Tgt Ion:112 Resp: 232181
Ion Ratio Lower Upper
112 100
64 57.3 46.6 70.0
63 31.5 25.0 37.6





#7
Phenol-d6
Concen: 14.46 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

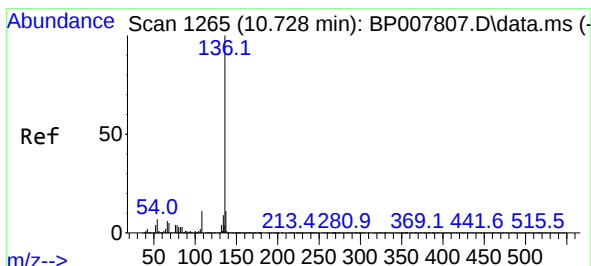
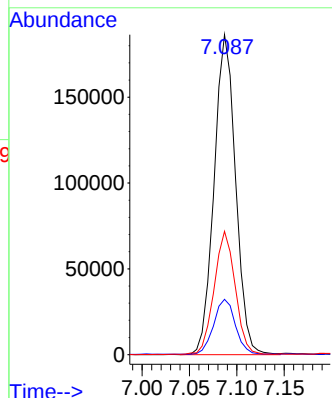
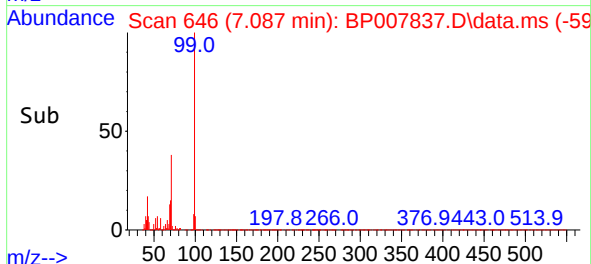
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



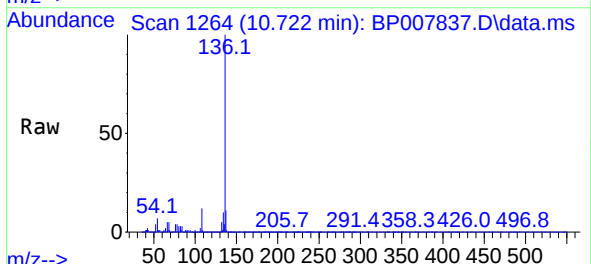
Tgt Ion: 99 Resp: 29443
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 38.5 29.2 43.8

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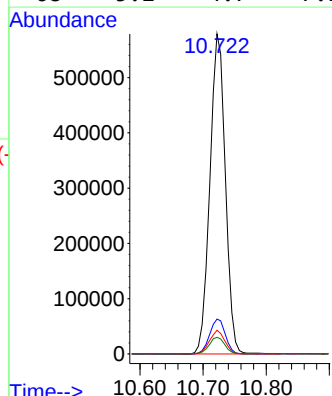
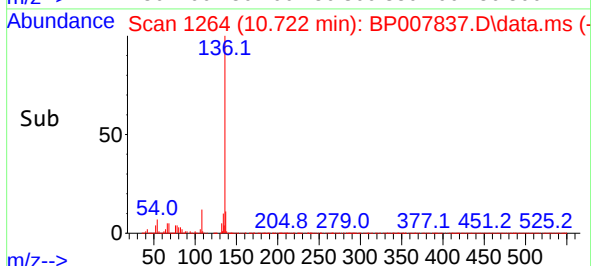
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

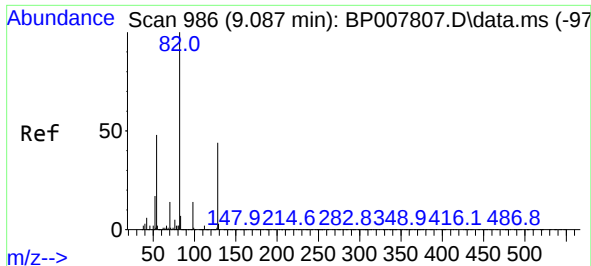


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16



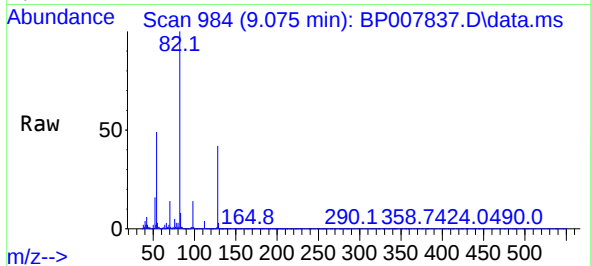
Tgt Ion:136 Resp: 984575
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 6.2 9.4
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 10.56 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

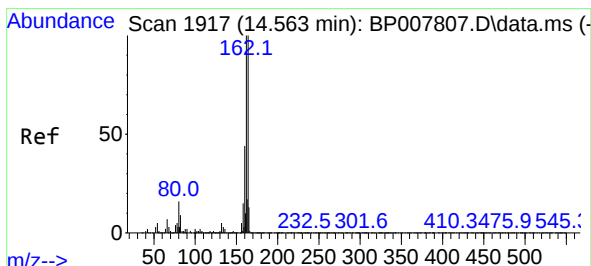
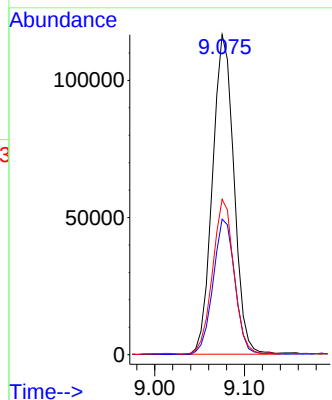
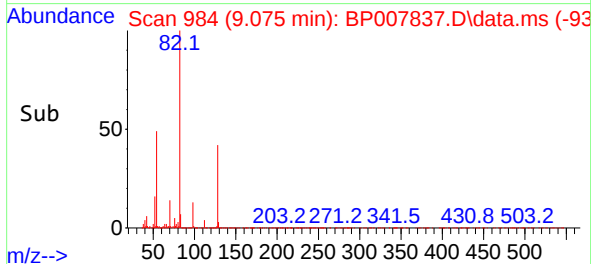
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



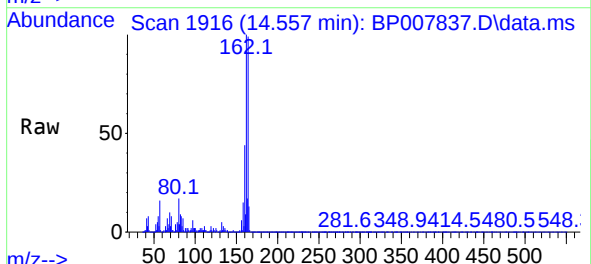
Tgt Ion: 82 Resp: 19358
Ion Ratio Lower Upper
82 100
128 42.3 32.6 48.8
54 48.6 40.4 60.6

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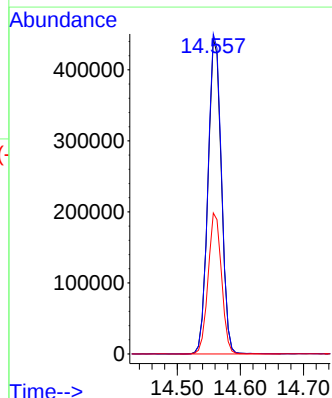
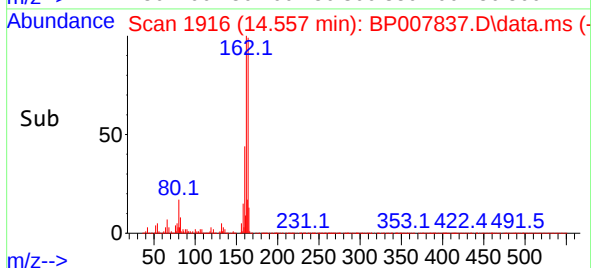
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

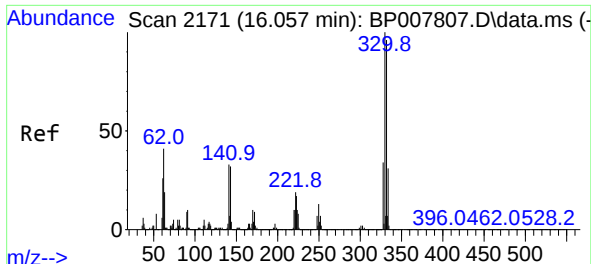


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16



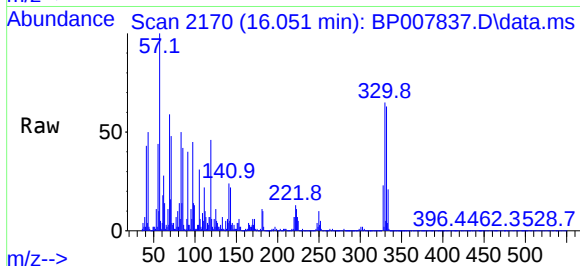
Tgt Ion:164 Resp: 650483
Ion Ratio Lower Upper
164 100
162 101.4 81.1 121.7
160 44.7 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 16.66 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

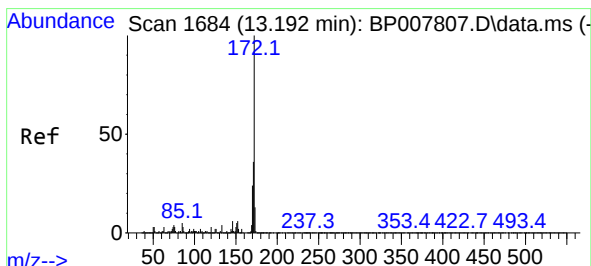
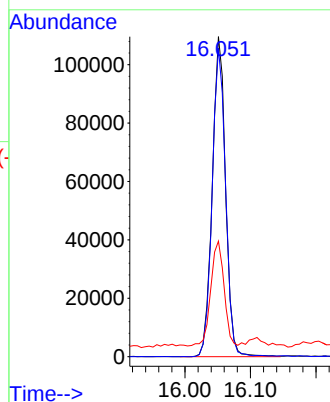
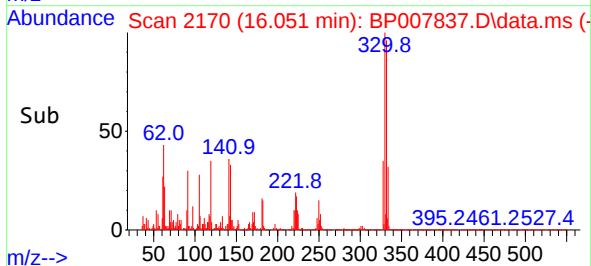
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion: 330 Resp: 154619
Ion Ratio Lower Upper
330 100
332 96.8 78.9 118.3
141 33.3 30.7 46.1

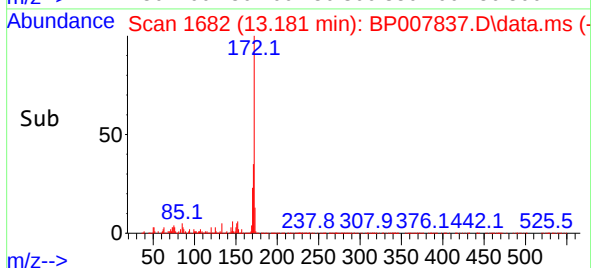
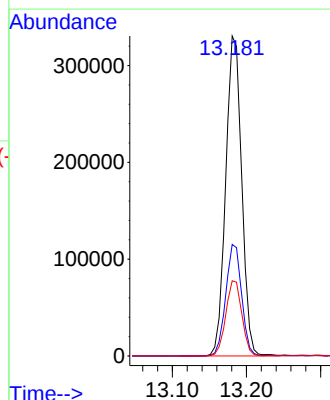
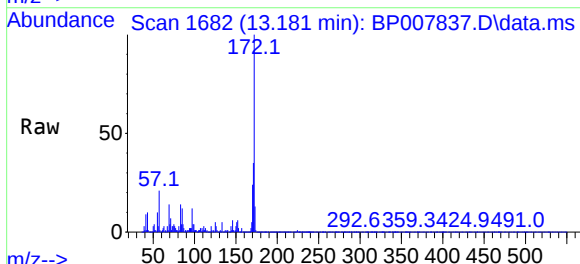
Manual Integrations
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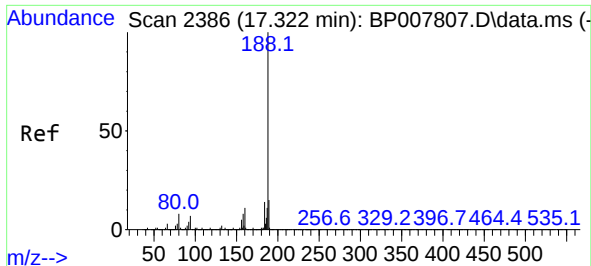
Reviewed By : Christian Giraldo 11/04/2021
Supervised By : mohammad ahmed 11/08/2021



#45
2-Fluorobiphenyl
Concen: 11.09 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

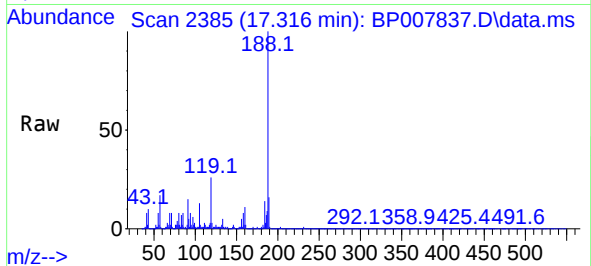
Tgt Ion: 172 Resp: 495191
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

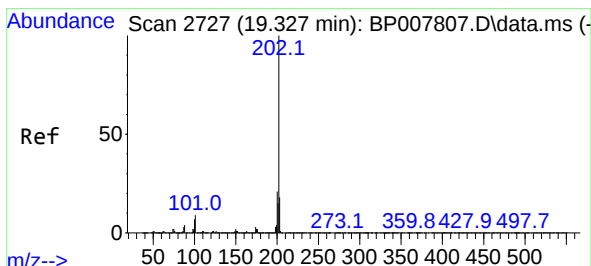
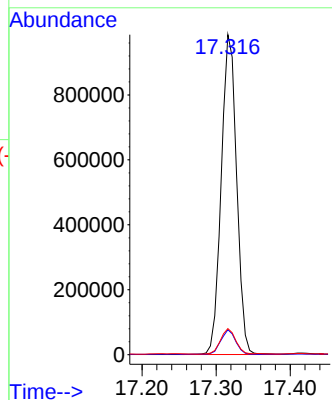
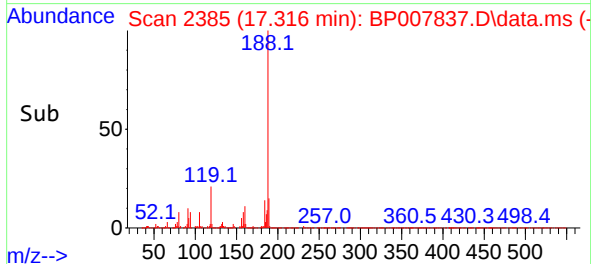
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion:188 Resp: 142433
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.2 7.8 11.6

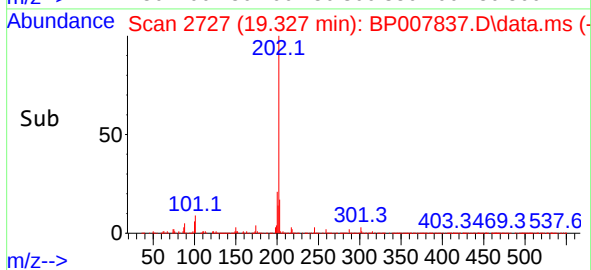
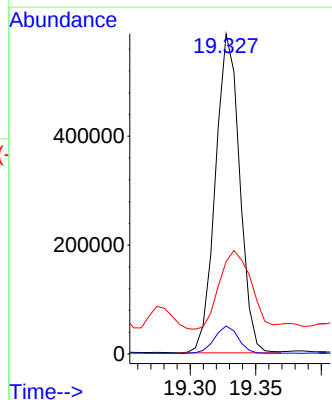
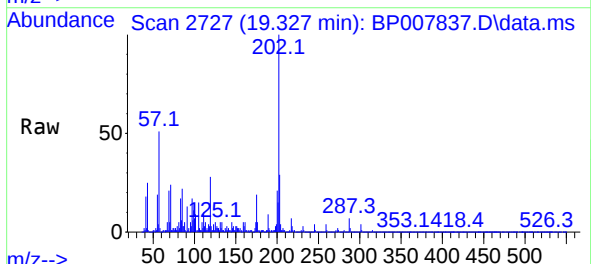
Manual Integrations
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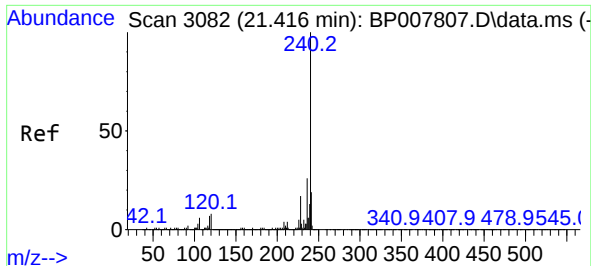
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#75
Fluoranthene
Concen: 7.96 ng
RT: 19.327 min Scan# 2727
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

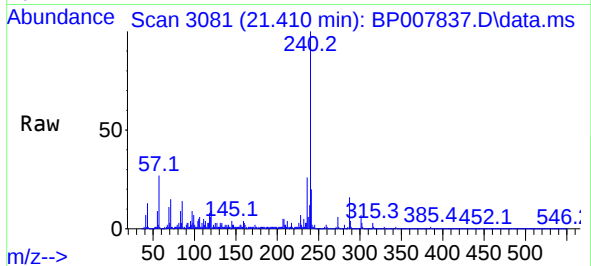
Tgt Ion:202 Resp: 752107
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.4
203 28.9 0.0 37.6





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.410 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

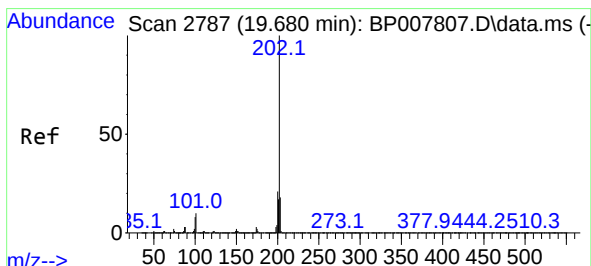
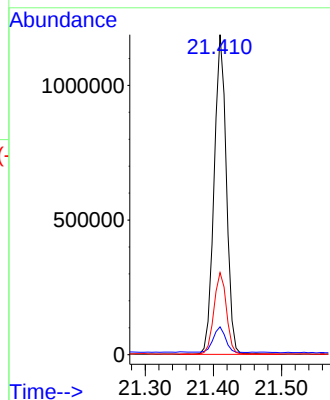
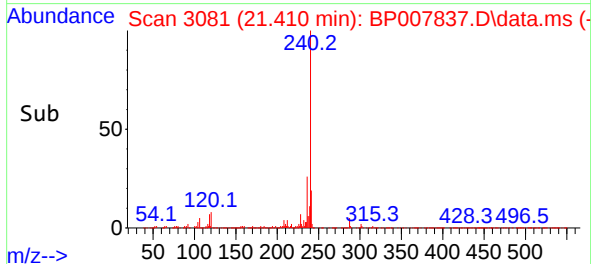
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion:240 Resp: 1483768
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.8
236 25.7 20.6 30.8

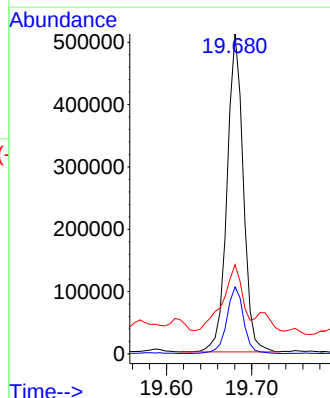
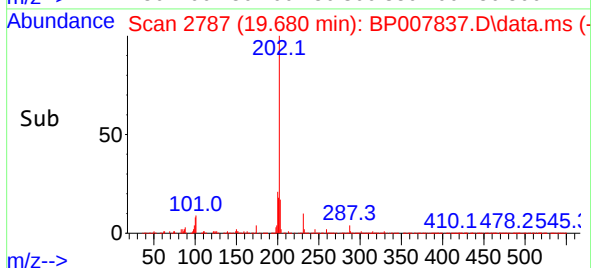
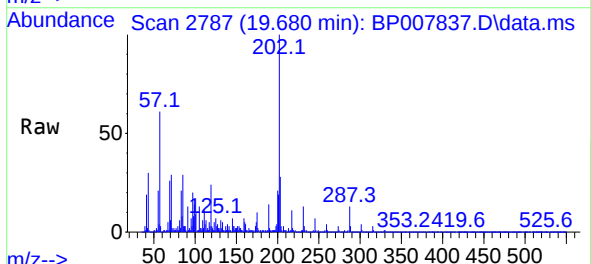
Manual Integrations
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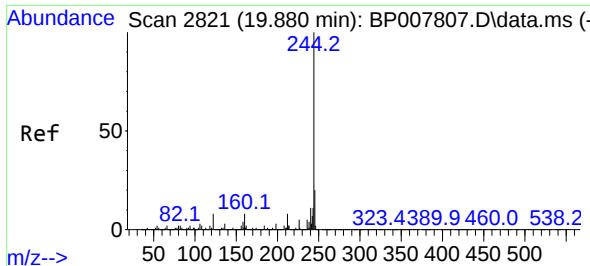
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#78
Pyrene
Concen: 7.43 ng
RT: 19.680 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

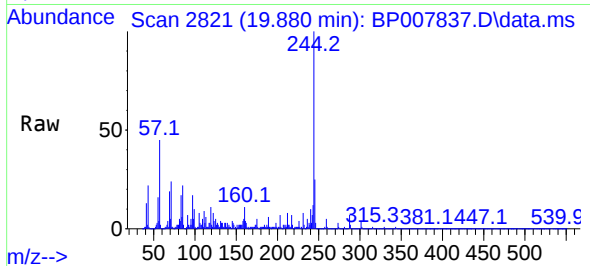
Tgt Ion:202 Resp: 675768
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 27.9 13.8 20.6





#79
Terphenyl-d14
Concen: 11.81 ng
RT: 19.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

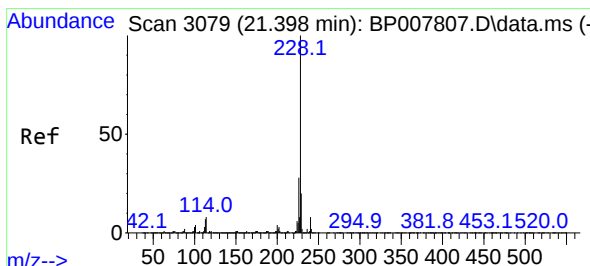
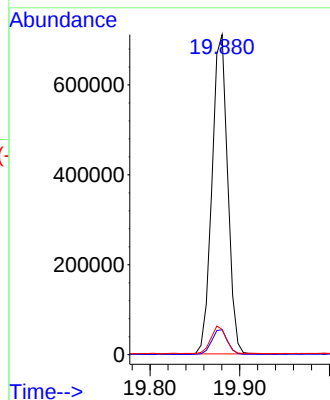
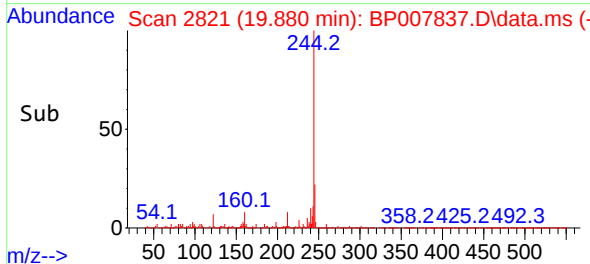
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion:244 Resp: 860291
Ion Ratio Lower Upper
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212 7.8 6.2 9.2
122 7.9 7.8 11.8

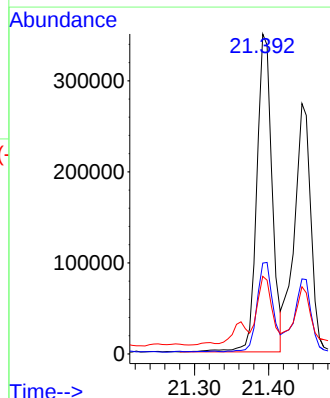
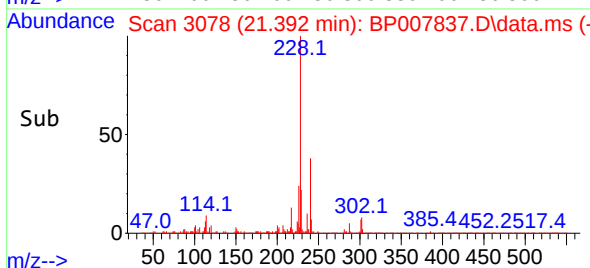
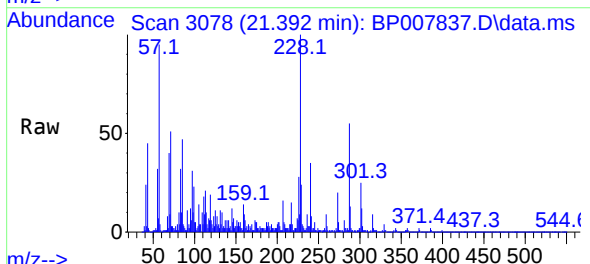
Manual Integrations
APPROVED

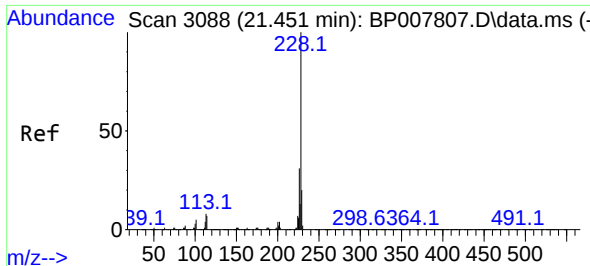
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#81
Benzo(a)anthracene
Concen: 5.09 ng
RT: 21.392 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

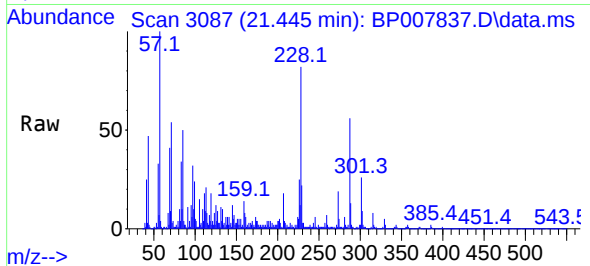
Tgt Ion:228 Resp: 497877
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 24.3 15.7 23.5#





#83
Chrysene
Concen: 4.59 ng
RT: 21.445 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

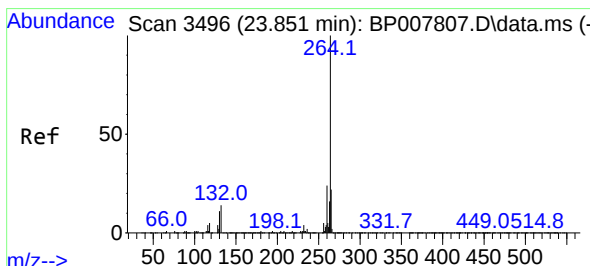
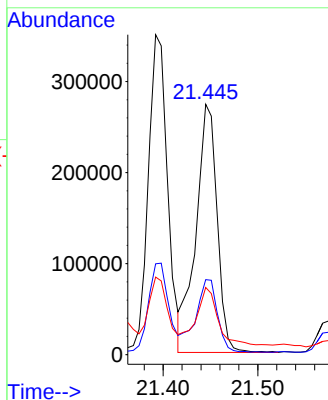
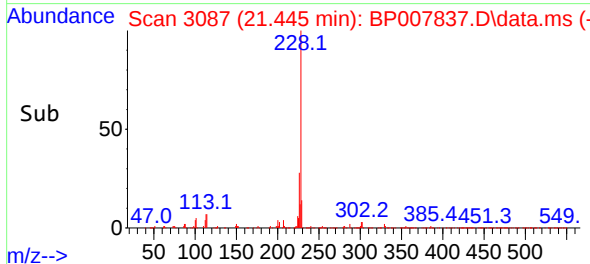
Instrument : BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion:228 Resp: 424832
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 26.9 15.7 23.5

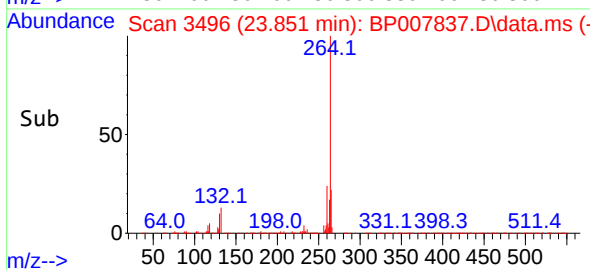
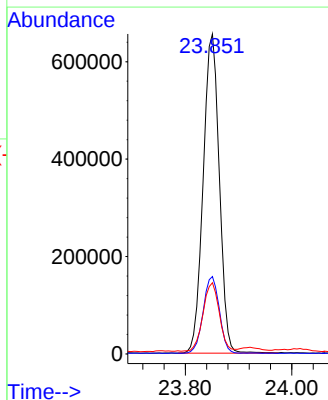
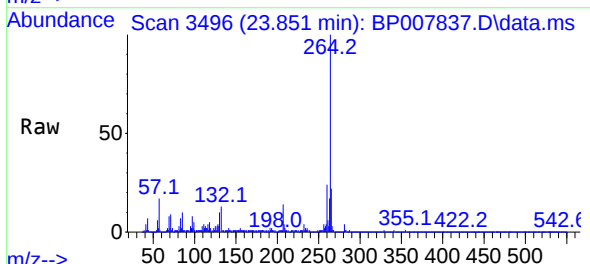
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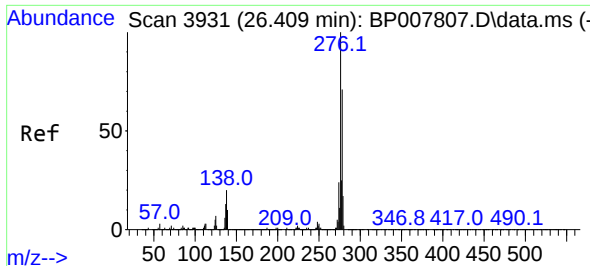
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.851 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

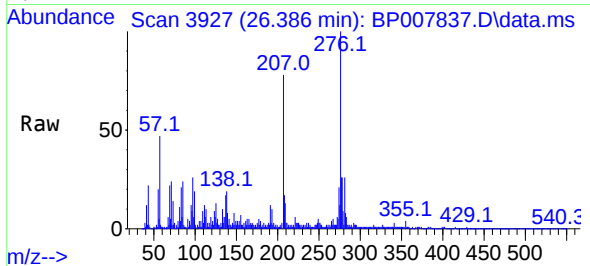
Tgt Ion:264 Resp: 1380426
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng
RT: 26.386 min Scan# 3369
Delta R.T. -0.024 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

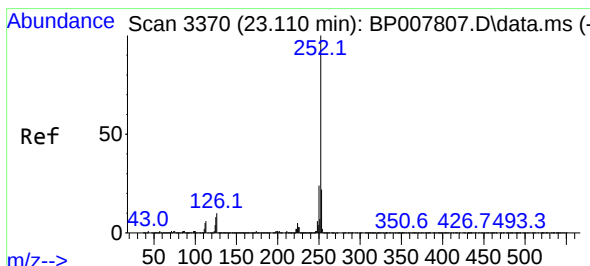
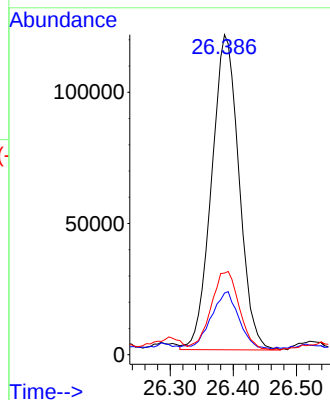
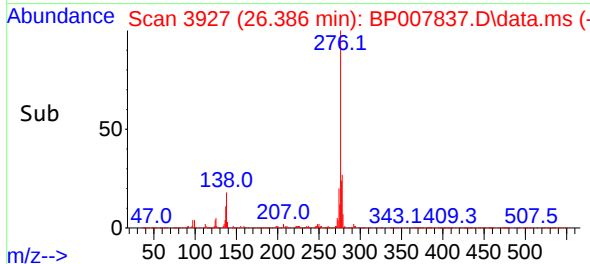
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion:276 Resp: 362252
Ion Ratio Lower Upper
276 100
138 18.4 19.4 29.0
277 25.6 20.2 30.2

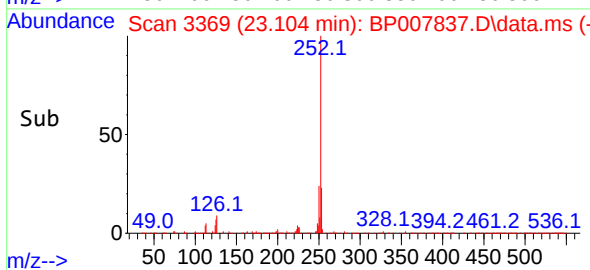
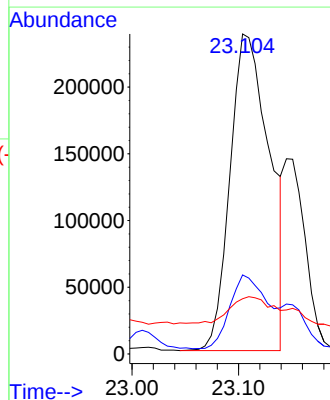
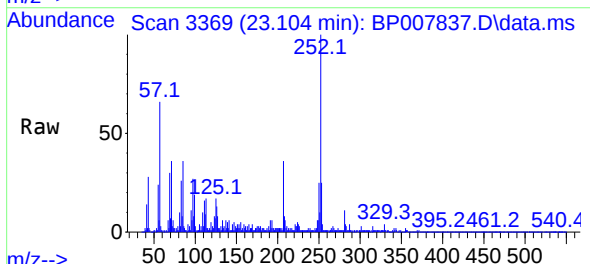
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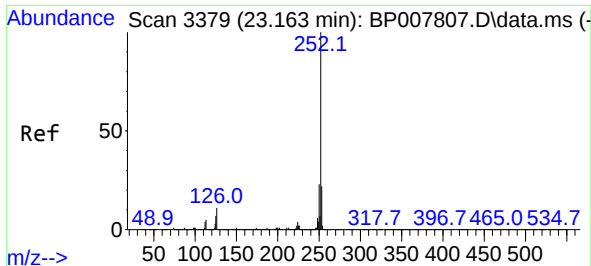
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 7.52 ng
RT: 23.104 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

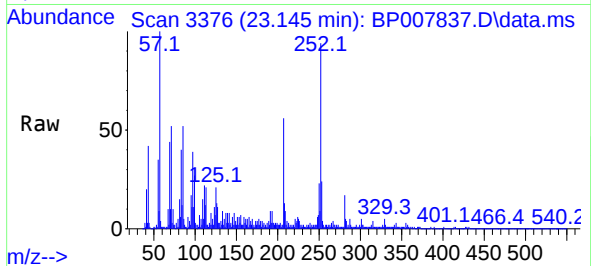
Tgt Ion:252 Resp: 612289
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 17.3 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 2.50 ng m
RT: 23.145 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

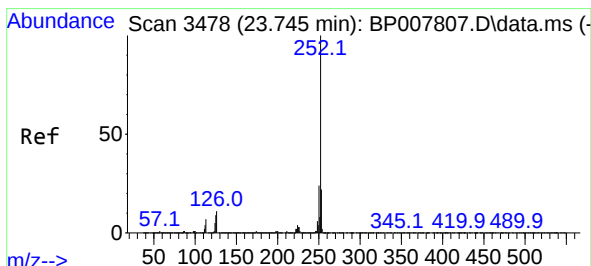
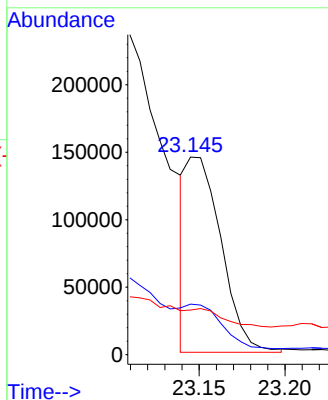
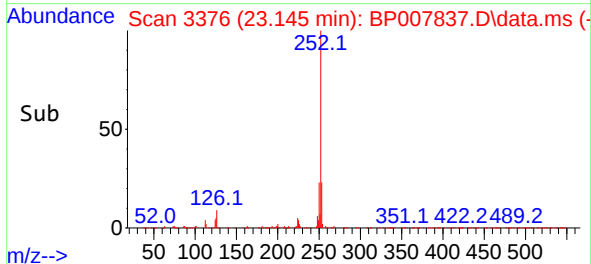
Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



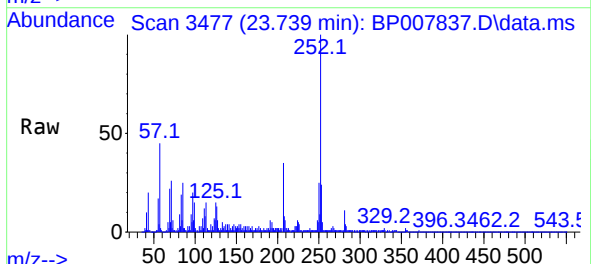
Tgt Ion:252 Resp: 20194
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 22.6 7.4 11.0

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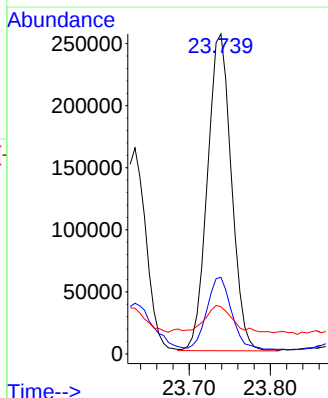
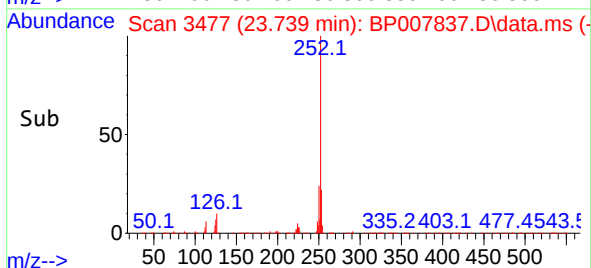
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

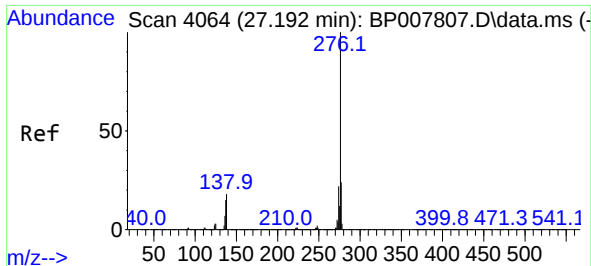


#90
Benzo(a)pyrene
Concen: 7.43 ng
RT: 23.739 min Scan# 3477
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16



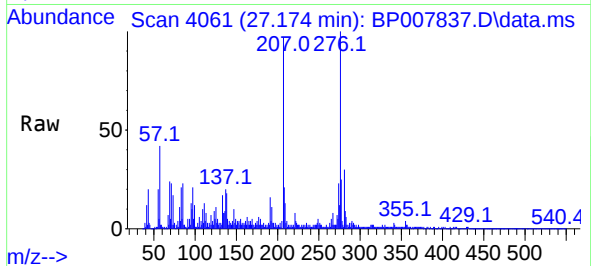
Tgt Ion:252 Resp: 523370
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 14.7 8.4 12.6





#92
Benzo(g,h,i)perylene
Concen: 4.20 ng
RT: 27.174 min Scan# 4061
Delta R.T. -0.018 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M



Tgt Ion: 276 Resp: 35547
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.0
138 18.5 16.2 24.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/04/2021
Supervised By : mohammad ahmed 11/08/2021

