

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007833.D
 Acq On : 03 Nov 2021 21:01
 Operator : CG/JU
 Sample : M4433-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 07:32:17 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	174409	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	728464	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	485306	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	1134956	20.00	ng	-0.01
76) Chrysene-d12	21.404	240	1296990	20.00	ng	-0.01
86) Perylene-d12	23.839	264	1136278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1214130	118.06	ng	0.00
7) Phenol-d6	7.087	99	1557487	104.64	ng	0.00
23) Nitrobenzene-d5	9.075	82	945266	69.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	753708	108.82	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2137531	64.14	ng	-0.01
79) Terphenyl-d14	19.875	244	4035109	63.35	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	359482	6.03	ng	99
75) Fluoranthene	19.322	202	821169	10.91	ng	99
78) Pyrene	19.675	202	806126	10.13	ng	99
81) Benzo(a)anthracene	21.386	228	454787	5.32	ng	99
83) Chrysene	21.439	228	469341	5.80	ng	97
84) Bis(2-ethylhexyl)phtha...	21.321	149	317105	6.61	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	225214	2.66	ng	# 95
88) Benzo(b)fluoranthene	23.098	252	545557	8.15	ng	98
89) Benzo(k)fluoranthene	23.139	252	207606m	3.12	ng	
90) Benzo(a)pyrene	23.733	252	350529	6.04	ng	99
92) Benzo(g,h,i)perylene	27.162	276	215062	3.09	ng	97

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

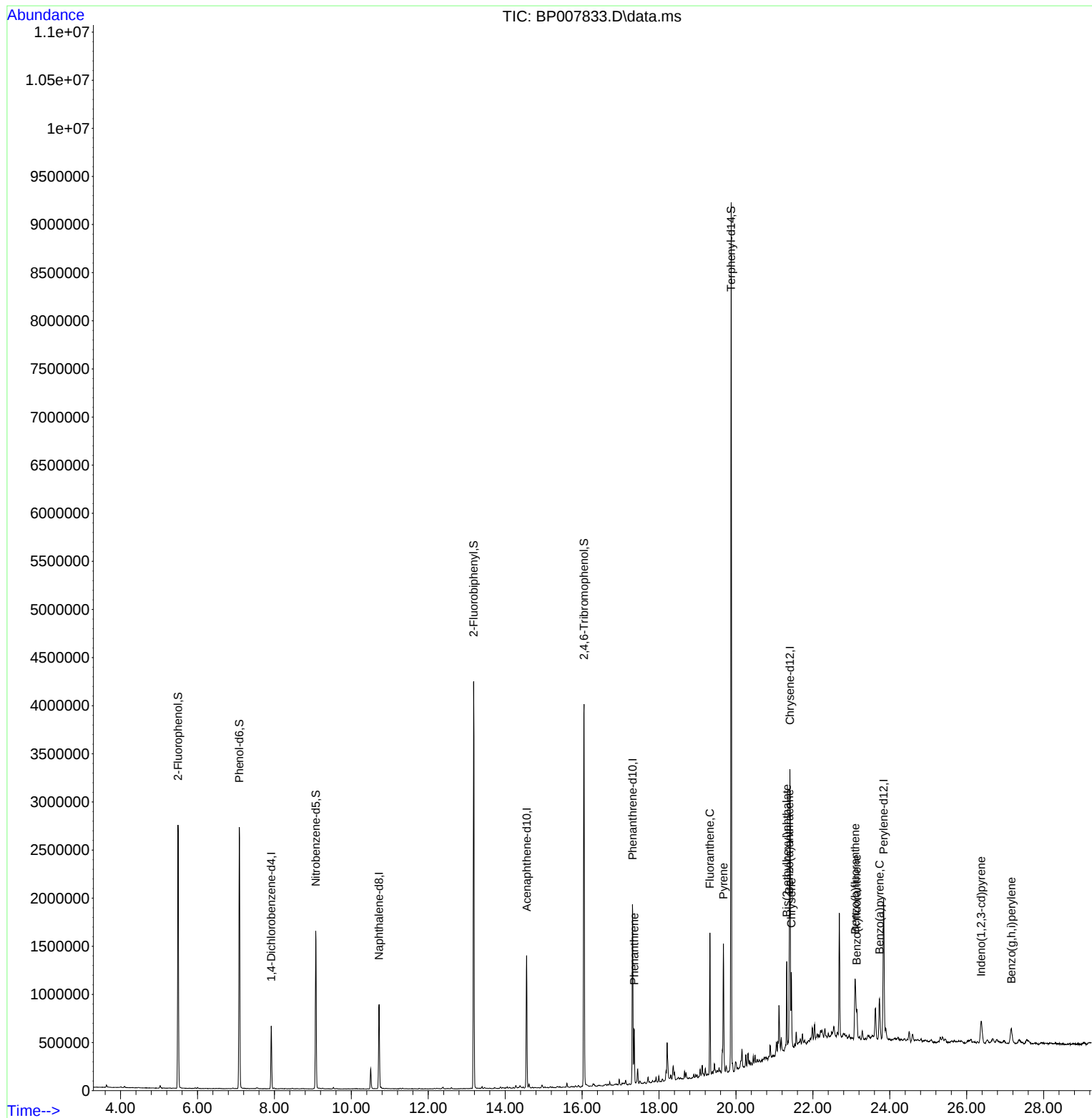
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007833.D
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ALS Vial : 14 Sample Multiplier: 1

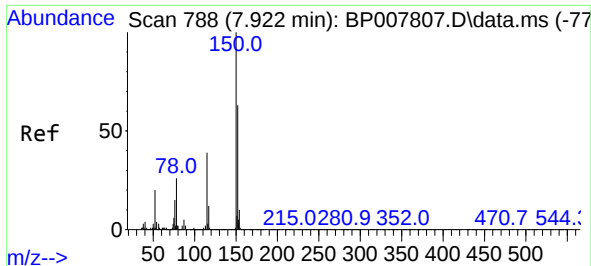
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

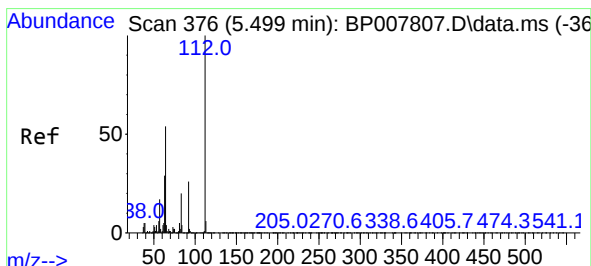
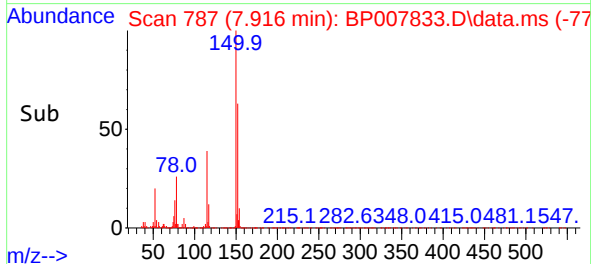
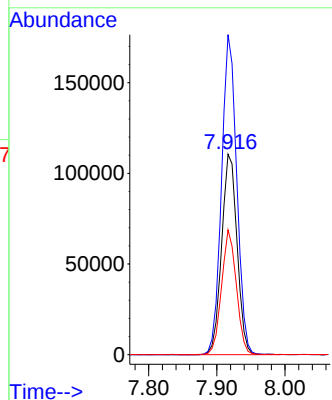
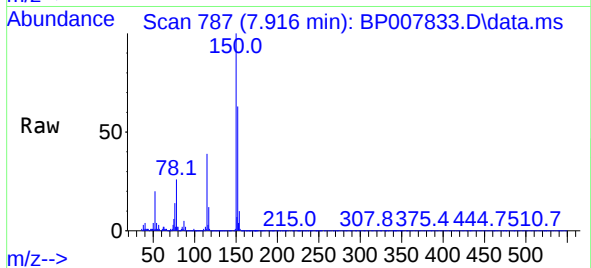
PSC-124035

Tgt Ion:152 Resp: 174409
Ion Ratio Lower Upper
152 100
150 159.6 124.1 186.1
115 62.2 48.1 72.1

Manual Integrations

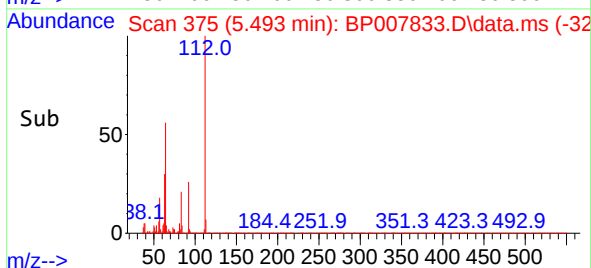
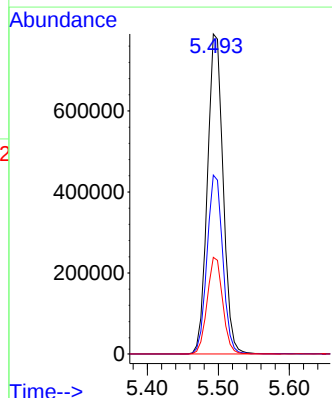
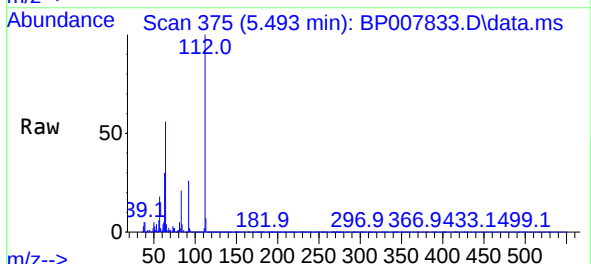
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Supervised By :mohammad ahmed 11/08/2021



#5
2-Fluorophenol
Concen: 118.06 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

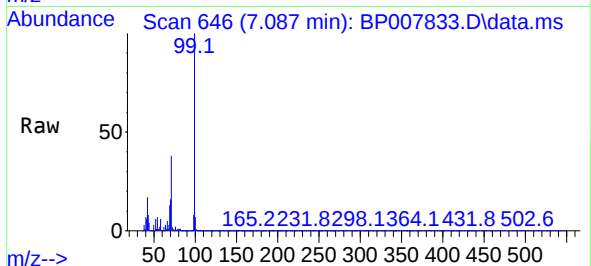
Tgt Ion:112 Resp: 1214130
Ion Ratio Lower Upper
112 100
64 55.9 46.6 70.0
63 30.2 25.0 37.6





#7
Phenol-d6
Concen: 104.64 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

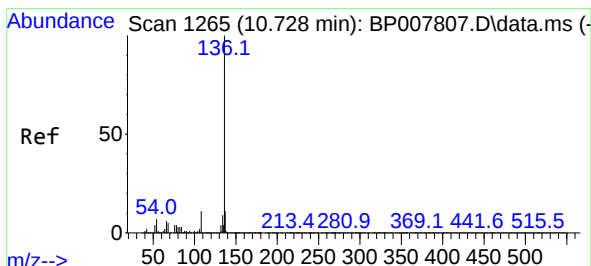
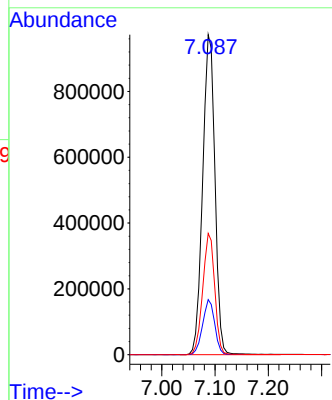
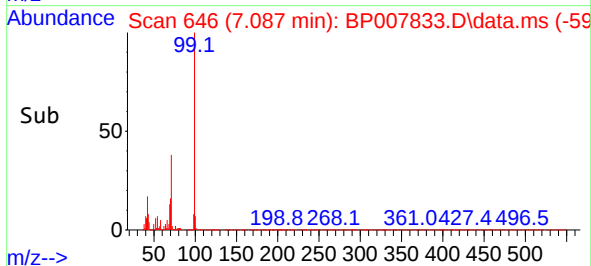
Instrument :
BNA_P
ClientSampleId :
PSC-124035



Tgt Ion: 99 Resp: 155748
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 37.9 29.2 43.8

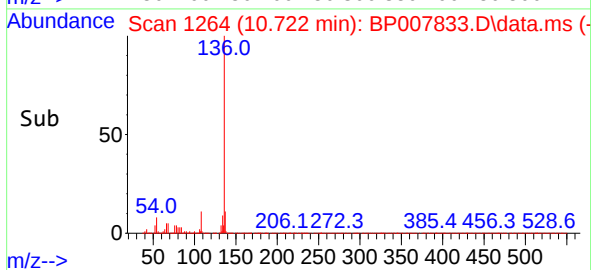
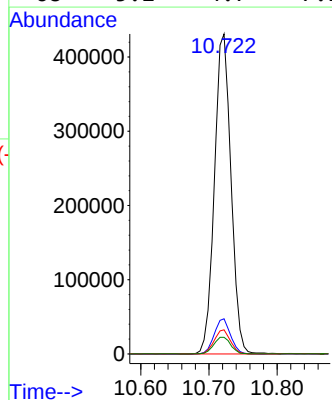
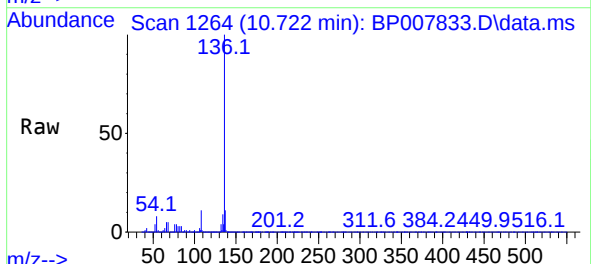
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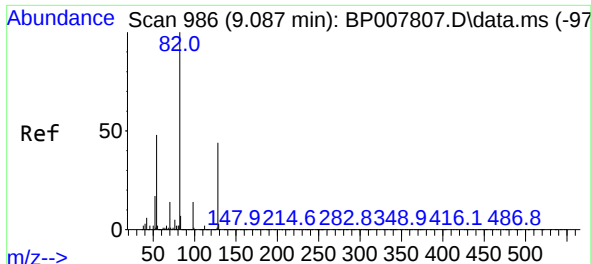
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

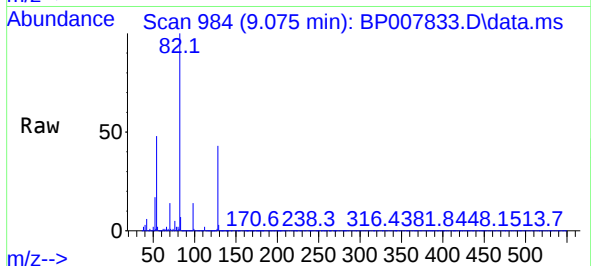
Tgt Ion:136 Resp: 728464
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.5 6.2 9.4
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 69.70 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

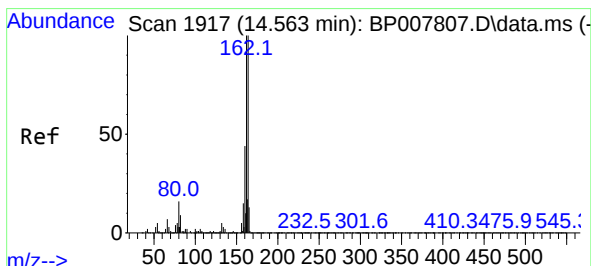
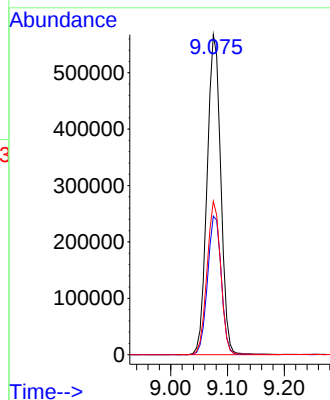
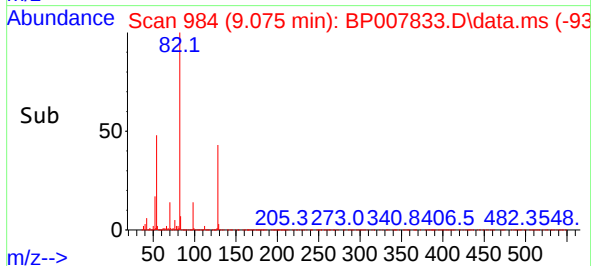
Instrument :
BNA_P
ClientSampleId :
PSC-124035



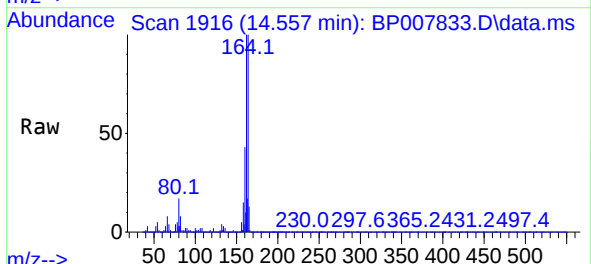
Tgt Ion: 82 Resp: 945260
Ion Ratio Lower Upper
82 100
128 43.3 32.6 48.8
54 48.0 40.4 60.6

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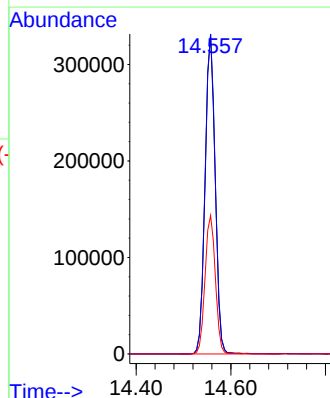
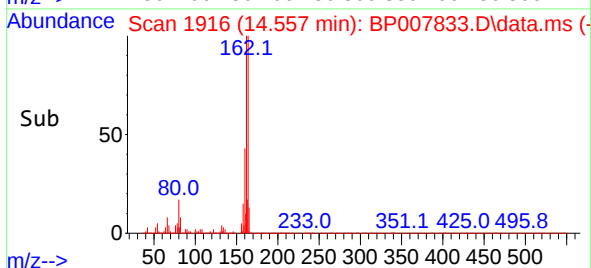
Reviewed By :Christian Giraldo 11/04/2021
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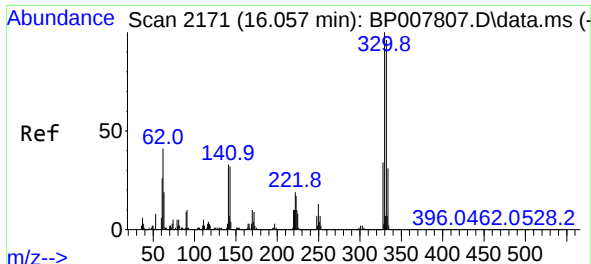


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01



Tgt Ion:164 Resp: 485306
Ion Ratio Lower Upper
164 100
162 100.1 81.1 121.7
160 43.3 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 108.82 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

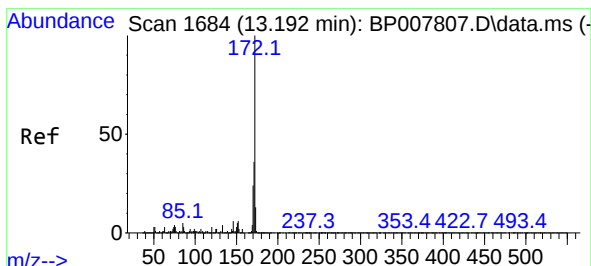
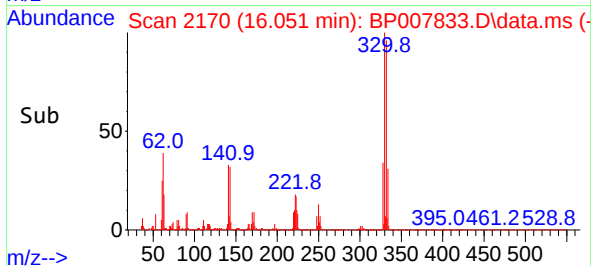
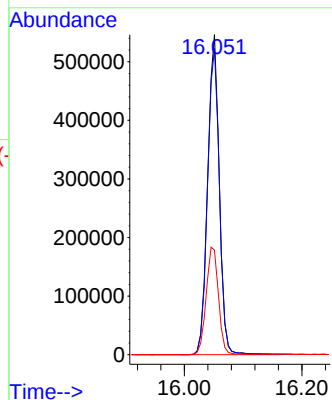
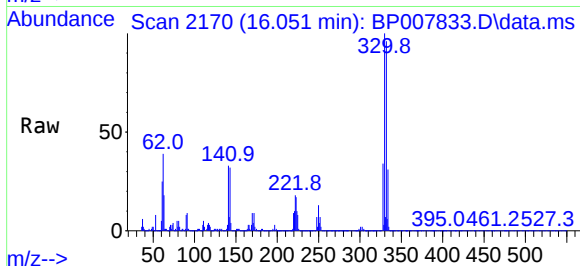
ClientSampleId :

PSC-124035

Tgt Ion:330 Resp: 753708
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 35.4 30.7 46.1

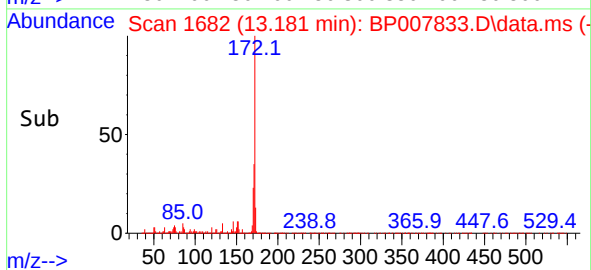
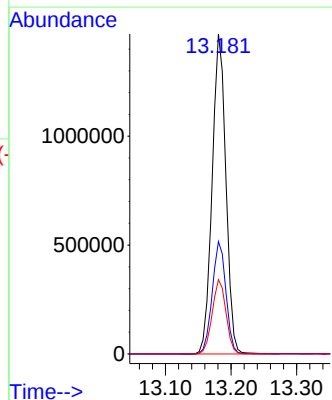
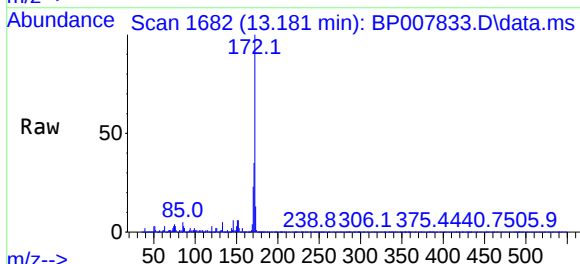
Manual Integrations
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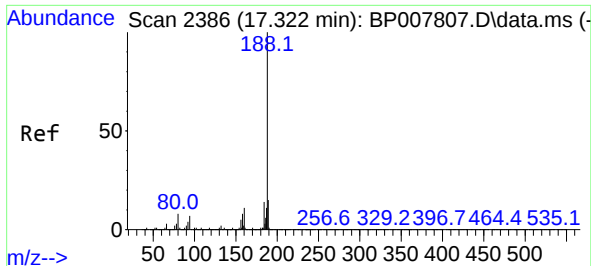
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#45
2-Fluorobiphenyl
Concen: 64.14 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:172 Resp: 2137531
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

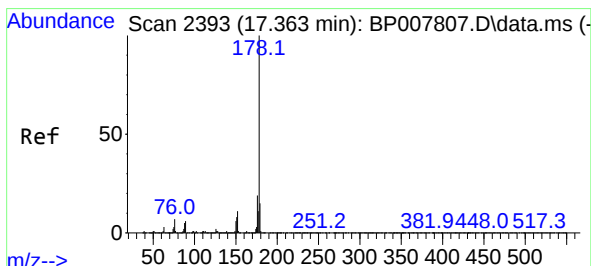
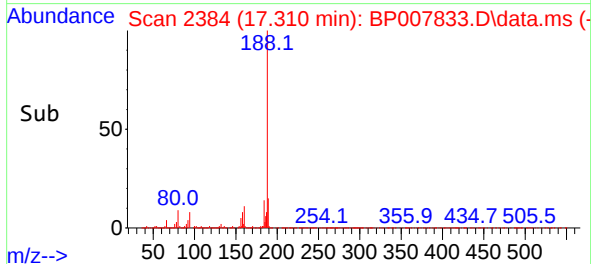
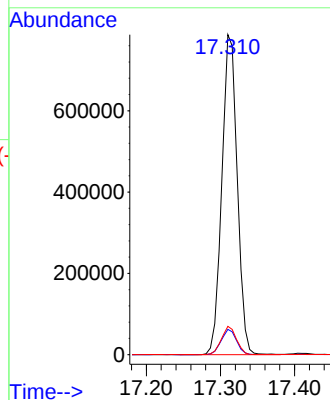
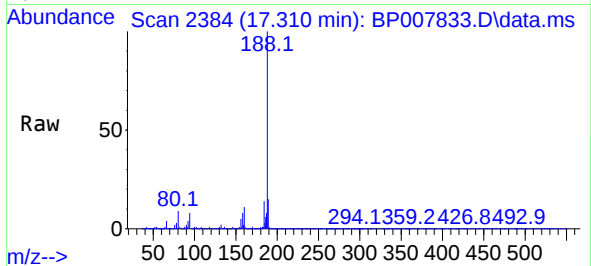
PSC-124035

Tgt Ion:188 Resp: 1134950
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.8 7.8 11.6

Manual Integrations

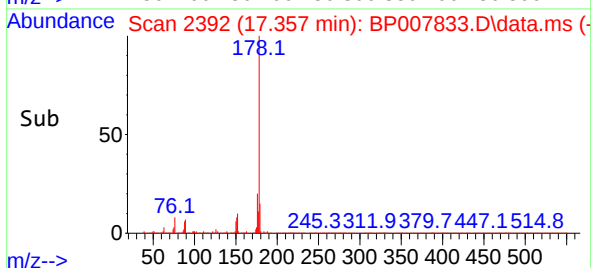
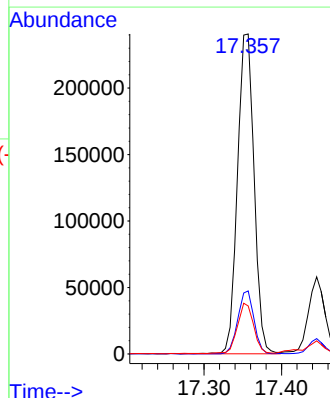
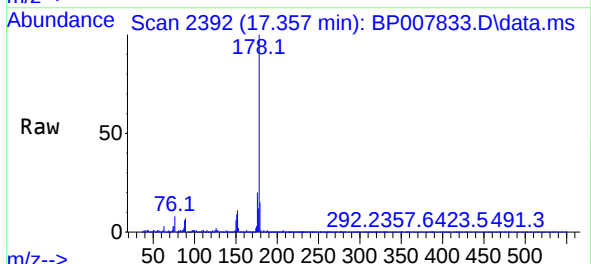
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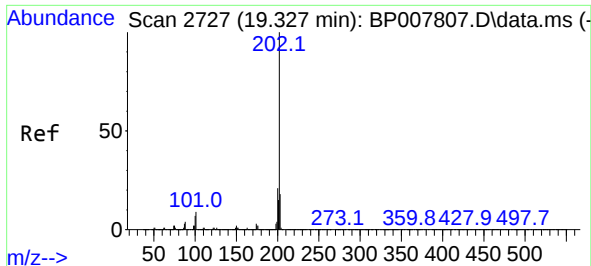
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#71
Phenanthrene
Concen: 6.03 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:178 Resp: 359482
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.0 12.3 18.5





#75
Fluoranthene
Concen: 10.91 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

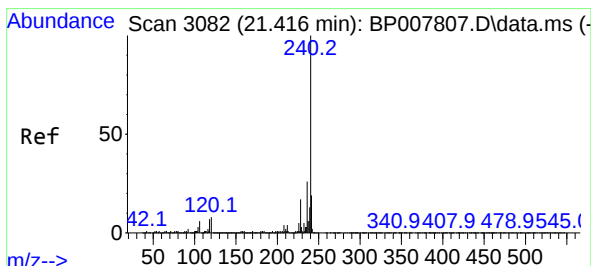
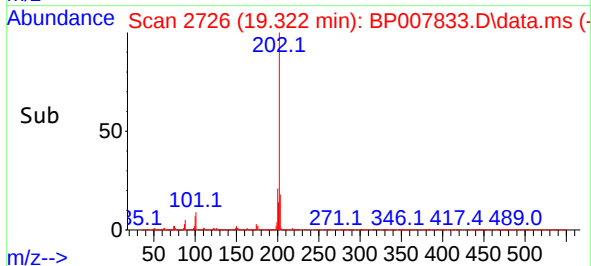
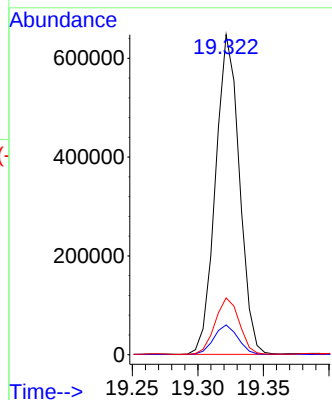
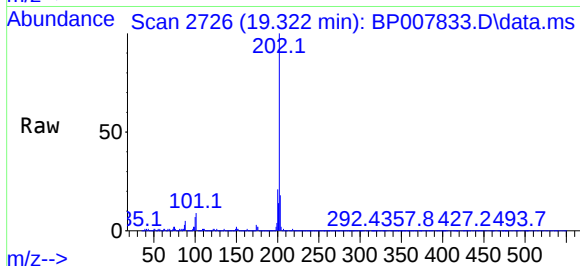
PSC-124035

Tgt Ion:202 Resp: 821169
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 17.7 0.0 37.6

Manual Integrations

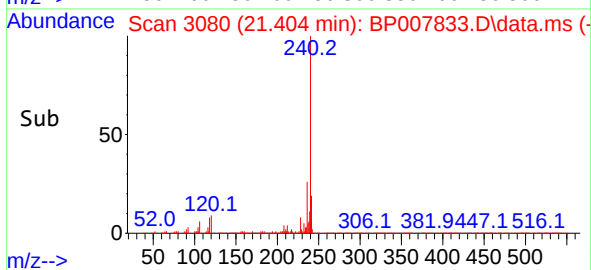
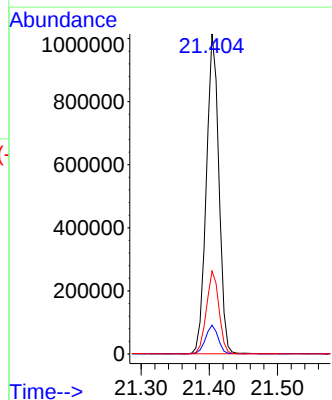
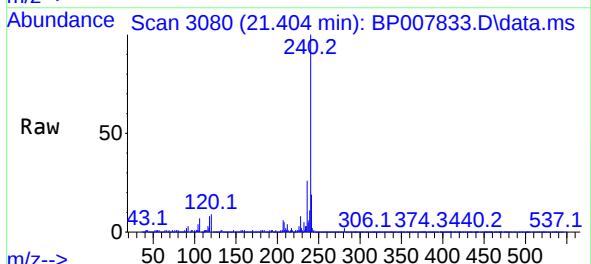
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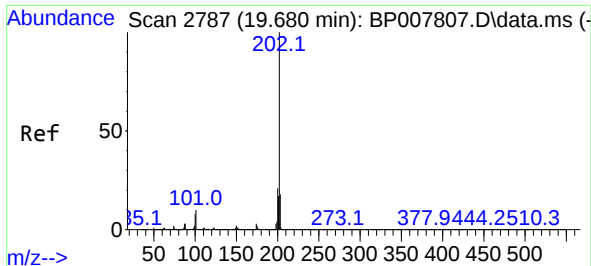
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.404 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:240 Resp: 1296990
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.8
236 25.9 20.6 30.8





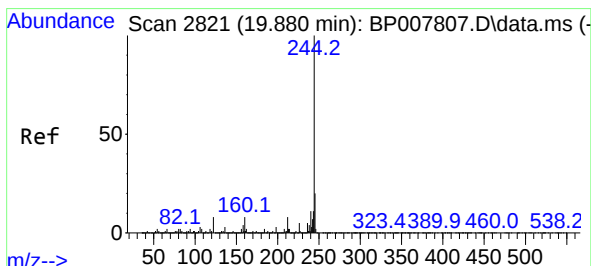
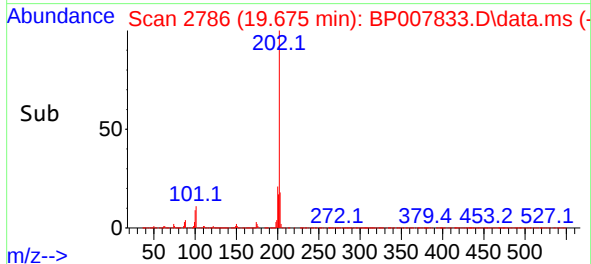
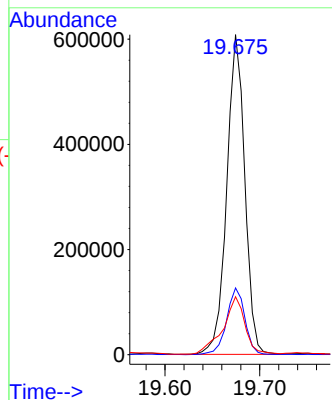
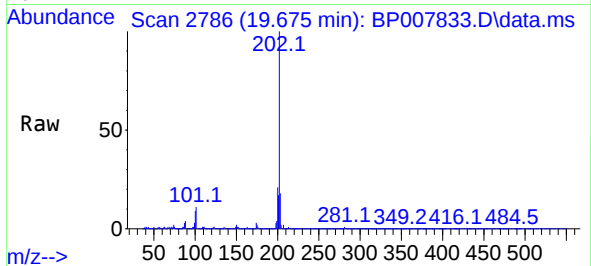
#78
Pyrene
Concen: 10.13 ng
RT: 19.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :
PSC-124035

Tgt Ion:202 Resp: 806120
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.1 13.8 20.6

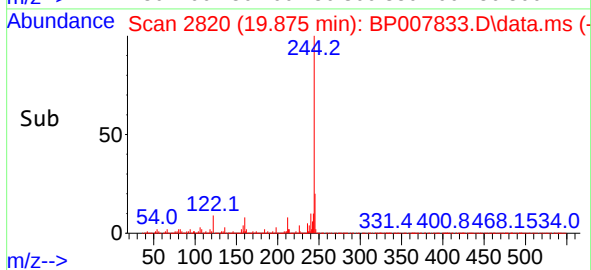
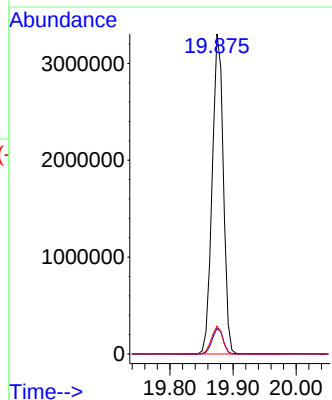
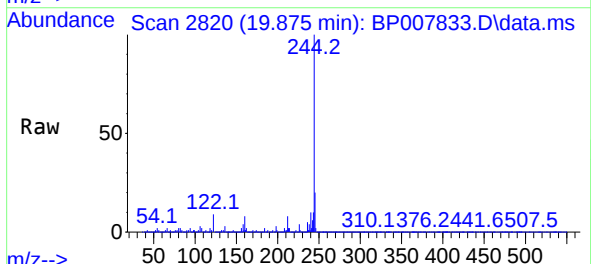
Manual Integrations
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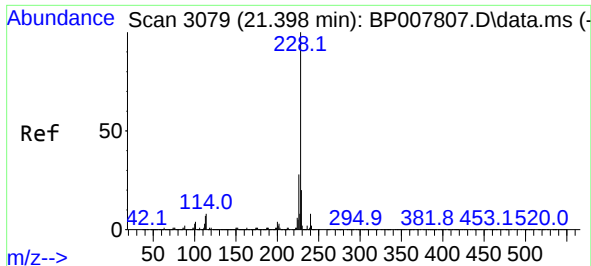
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#79
Terphenyl-d14
Concen: 63.35 ng
RT: 19.875 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

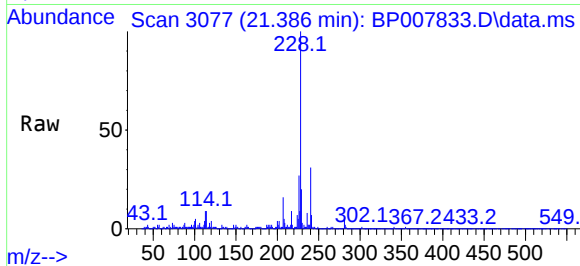
Tgt Ion:244 Resp: 4035109
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 8.7 7.8 11.8





#81
Benzo(a)anthracene
Concen: 5.32 ng
RT: 21.386 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

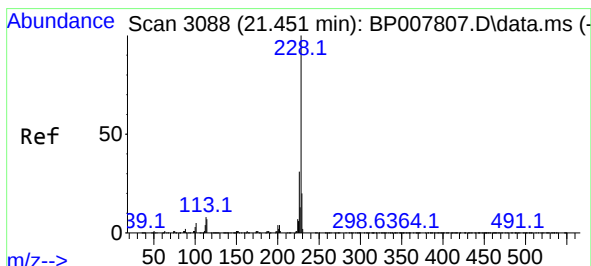
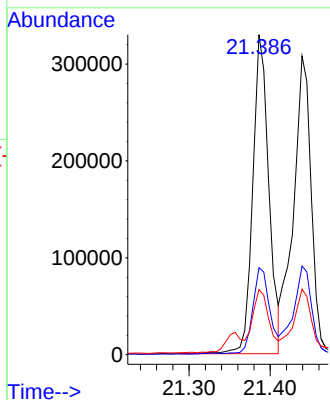
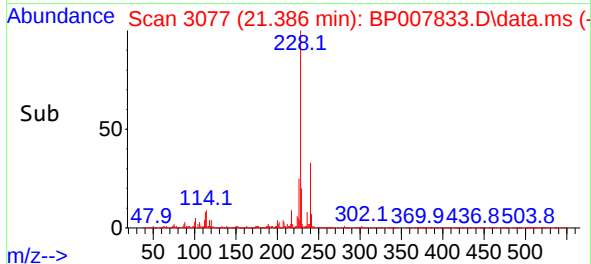
Instrument : BNA_P
ClientSampleId : PSC-124035



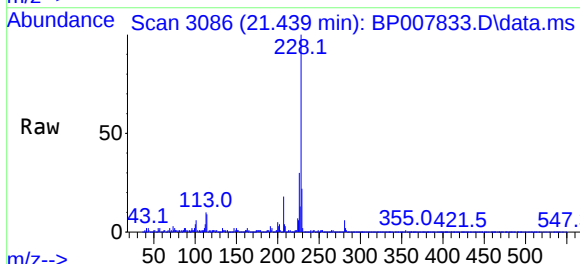
Tgt Ion:228 Resp: 45478
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 20.4 15.7 23.5

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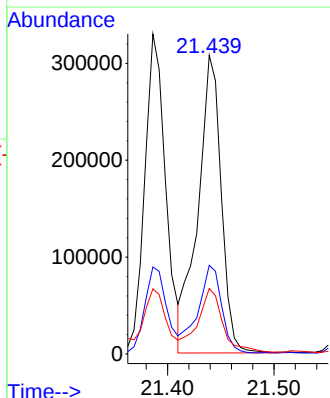
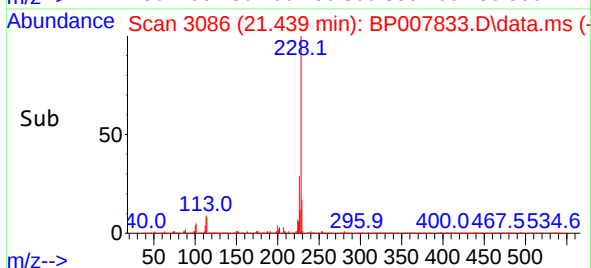
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

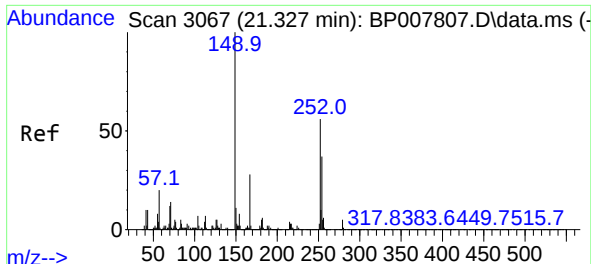


#83
Chrysene
Concen: 5.80 ng
RT: 21.439 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01



Tgt Ion:228 Resp: 469341
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 21.9 15.7 23.5





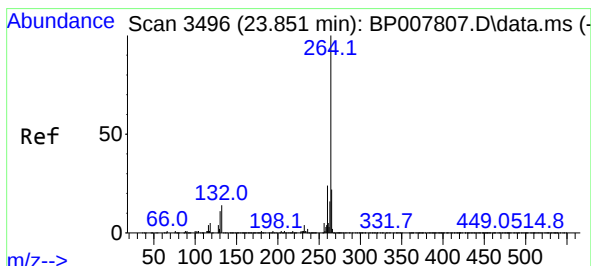
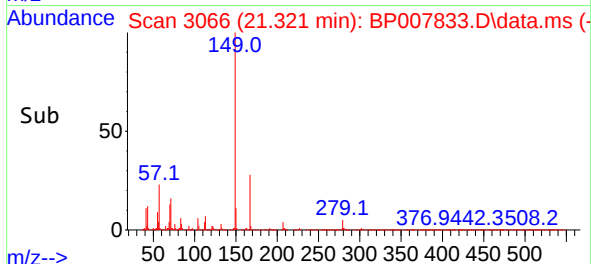
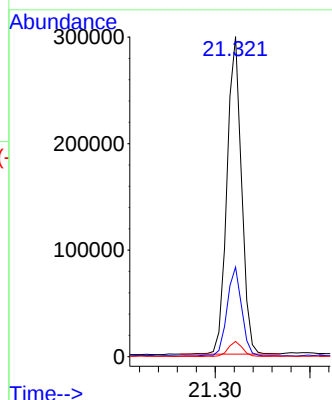
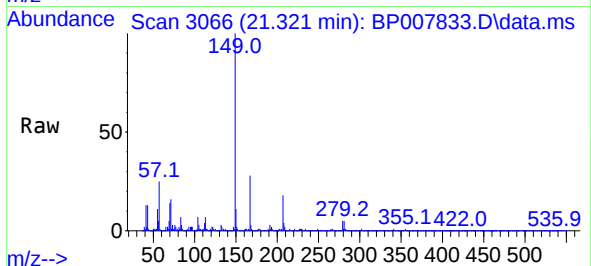
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.61 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :
PSC-124035

Tgt Ion:149 Resp: 31710
Ion Ratio Lower Upper
149 100
167 28.0 21.6 32.4
279 4.8 3.3 4.9

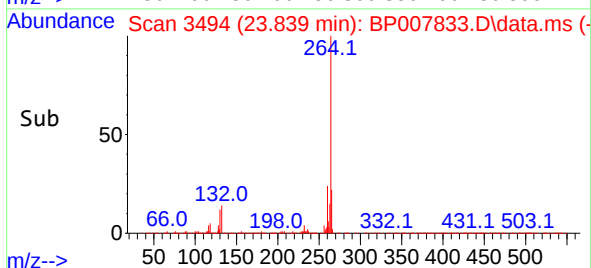
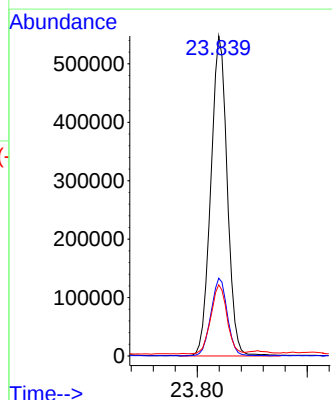
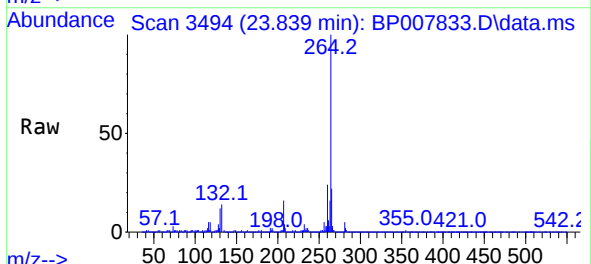
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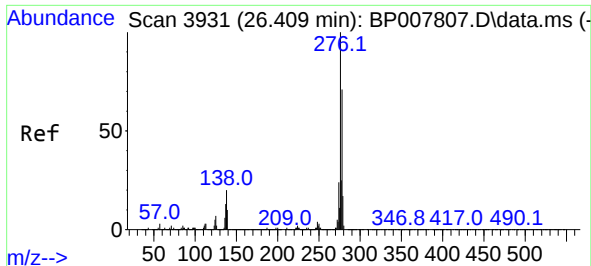
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:264 Resp: 1136278
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.3 16.7 25.1





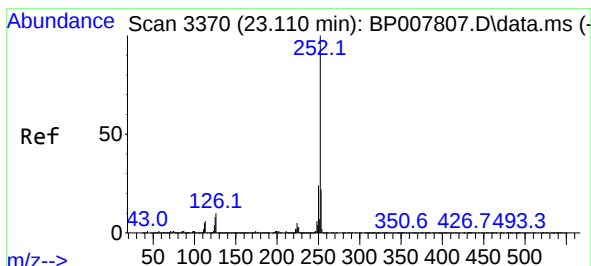
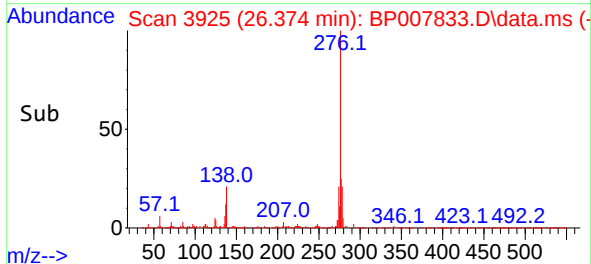
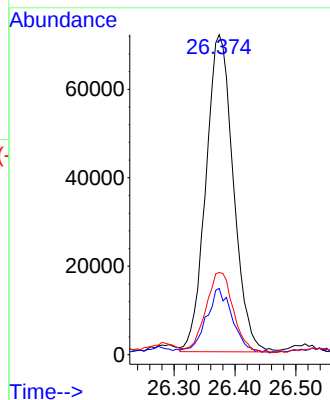
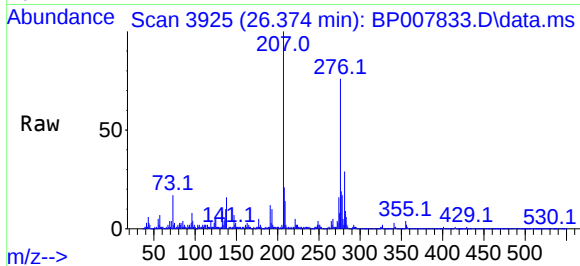
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng
RT: 26.374 min Scan# 3931
Delta R.T. -0.035 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :
PSC-124035

Tgt Ion:276 Resp: 225214
Ion Ratio Lower Upper
276 100
138 19.0 19.4 29.0
277 25.2 20.2 30.2

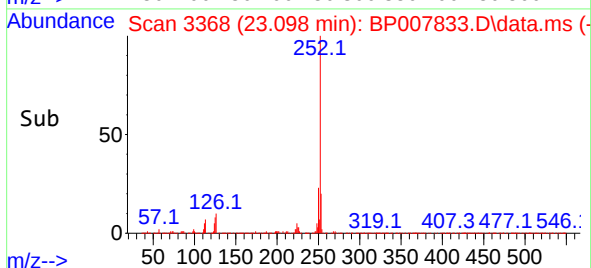
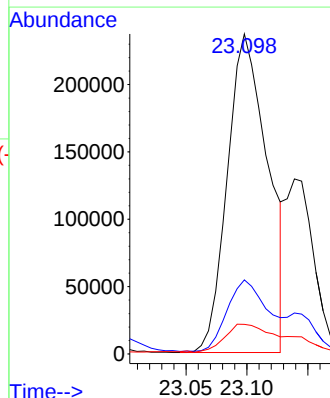
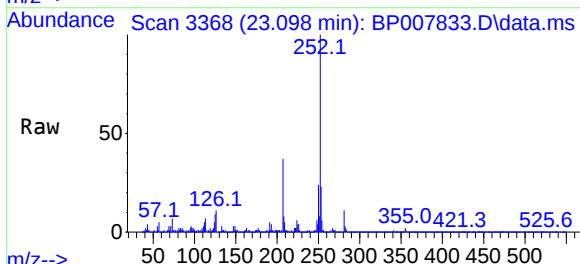
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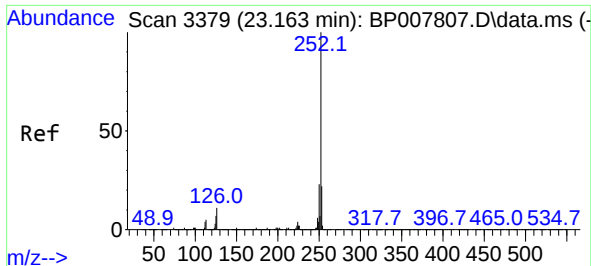
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 8.15 ng
RT: 23.098 min Scan# 3368
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:252 Resp: 545557
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 9.2 7.4 11.0





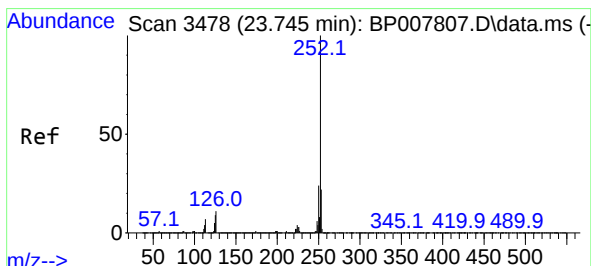
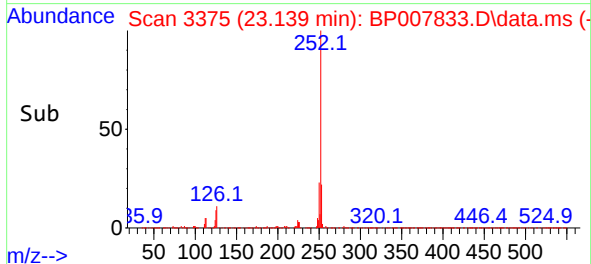
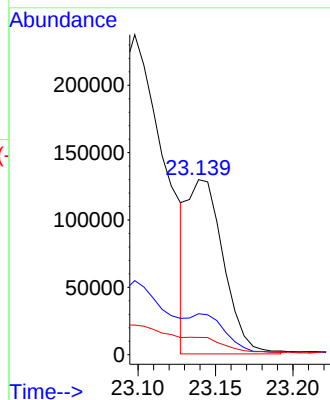
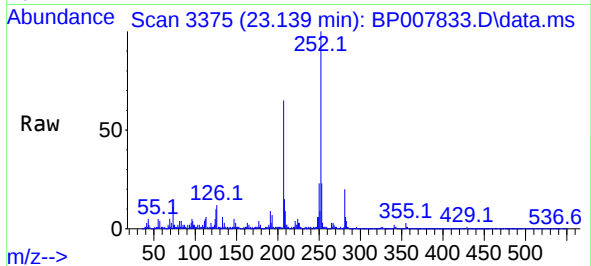
#89
Benzo(k)fluoranthene
Concen: 3.12 ng m
RT: 23.139 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :
PSC-124035

Tgt Ion:252 Resp: 207600
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 9.9 7.4 11.0

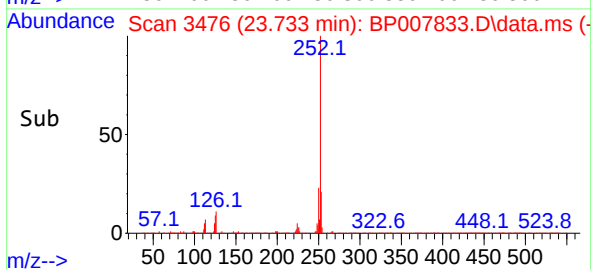
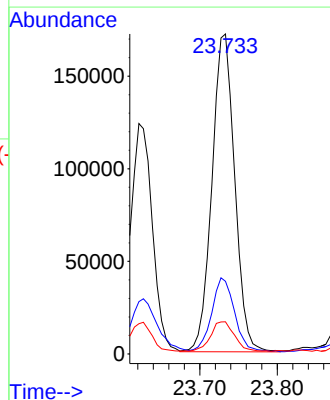
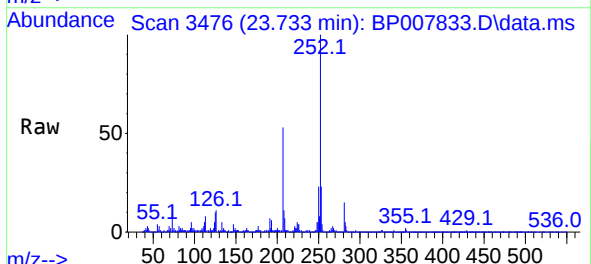
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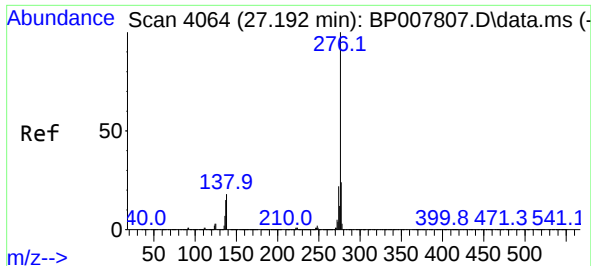
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#90
Benzo(a)pyrene
Concen: 6.04 ng
RT: 23.733 min Scan# 3476
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

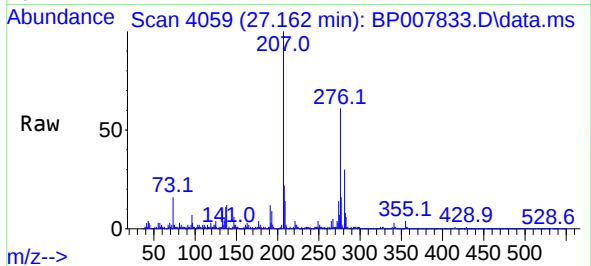
Tgt Ion:252 Resp: 350529
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.1 8.4 12.6





#92
Benzo(g,h,i)perylene
Concen: 3.09 ng
RT: 27.162 min Scan# 40
Delta R.T. -0.029 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :
PSC-124035



Tgt Ion:276 Resp: 215062
Ion Ratio Lower Upper
276 100
277 26.0 19.4 29.0
138 19.3 16.2 24.4

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

