

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008217.D
 Acq On : 03 Dec 2021 21:58
 Operator : CG/JU
 Sample : M4877-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-5-120121DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 00:01:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	107738	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	421458	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	286184	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	626693	20.000	ng	0.00
76) Chrysene-d12	21.310	240	484221	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	465218	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	122950	18.374	ng	0.00
7) Phenol-d6	6.981	99	153204	16.961	ng	0.00
23) Nitrobenzene-d5	8.952	82	104208	11.244	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	59444	16.251	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	209862	10.652	ng	0.00
79) Terphenyl-d14	19.775	244	321109	13.859	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.245	178	159168	4.810	ng	99
75) Fluoranthene	19.222	202	664995	14.919	ng	98
78) Pyrene	19.575	202	568731	17.040	ng	99
81) Benzo(a)anthracene	21.292	228	329680	10.273	ng	97
83) Chrysene	21.345	228	280883	9.198	ng	98
87) Indeno(1,2,3-cd)pyrene	26.198	276	140410	4.149	ng	# 95
88) Benzo(b)fluoranthene	22.974	252	371482	13.246	ng	97
89) Benzo(k)fluoranthene	23.016	252	104620m	3.810	ng	
90) Benzo(a)pyrene	23.592	252	221824	9.254	ng	97
92) Benzo(g,h,i)perylene	26.962	276	126251	4.452	ng	98

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

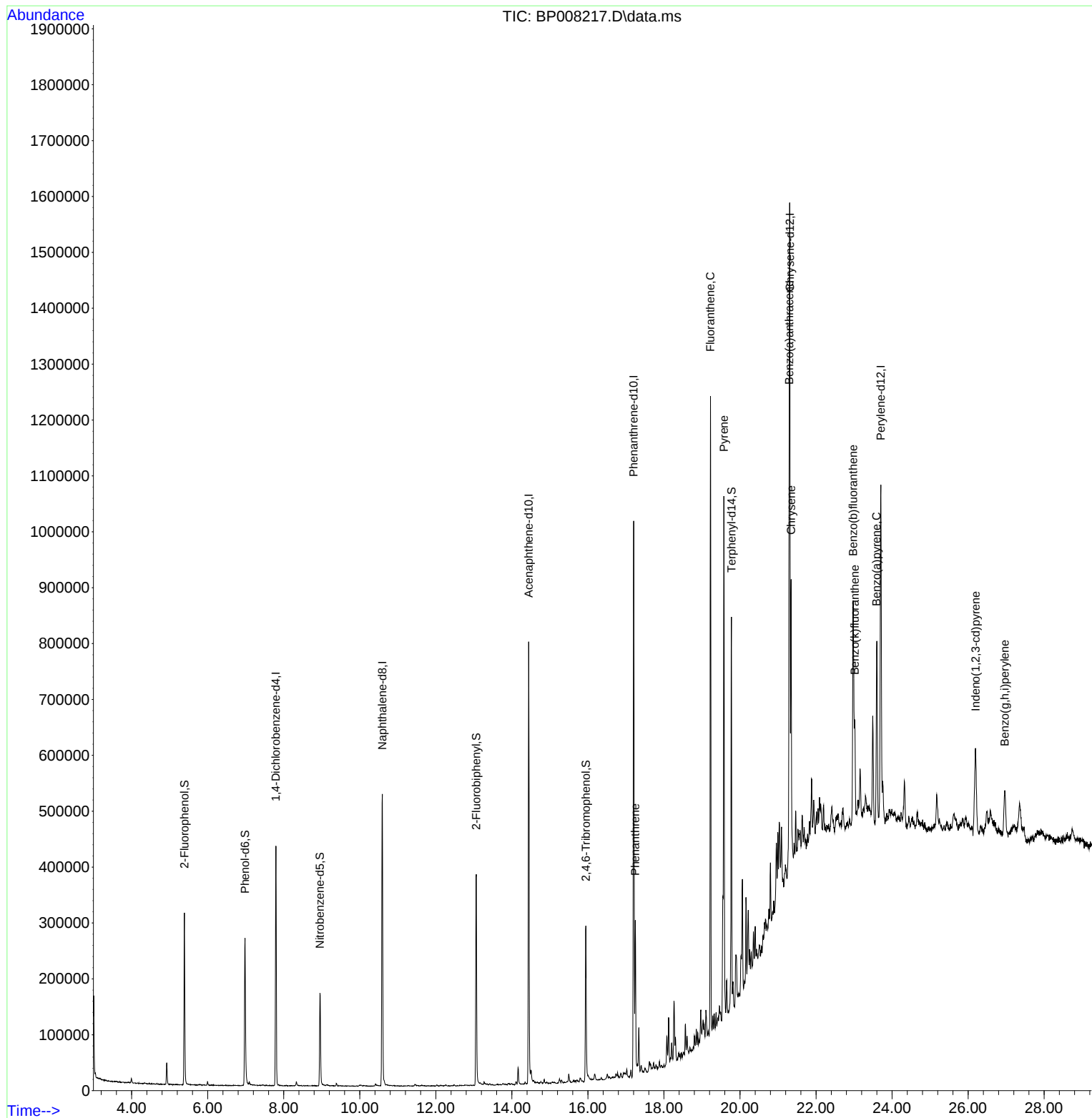
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008217.D
Acq On : 03 Dec 2021 21:58
Operator : CG/JU
Sample : M4877-03DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

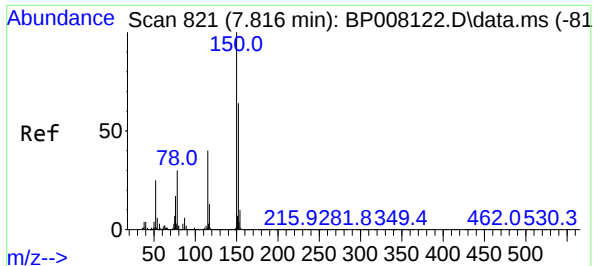
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

Quant Time: Dec 06 00:01:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

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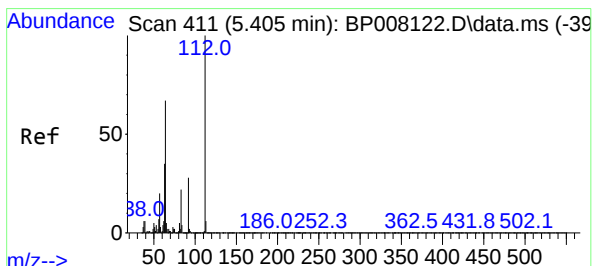
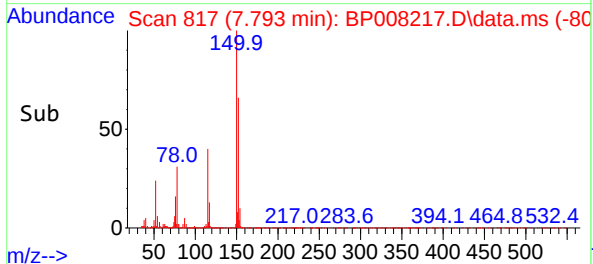
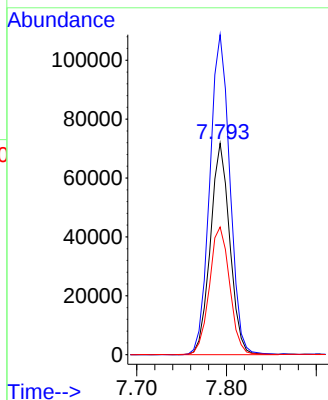
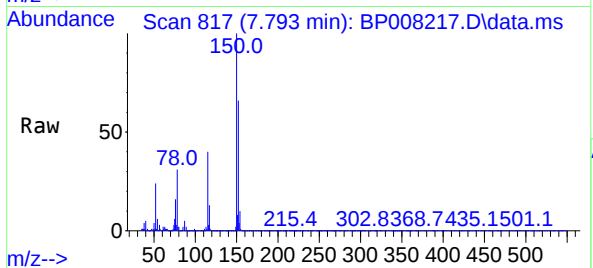
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

Tgt Ion:152 Resp: 107738
Ion Ratio Lower Upper
152 100
150 151.4 125.7 188.5
115 60.4 50.7 76.1

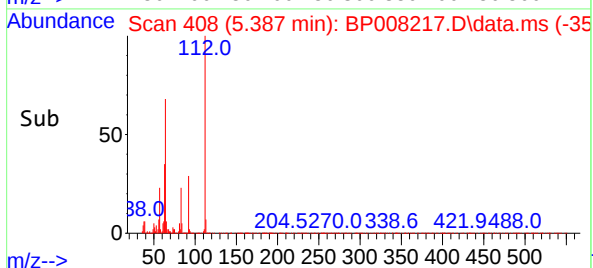
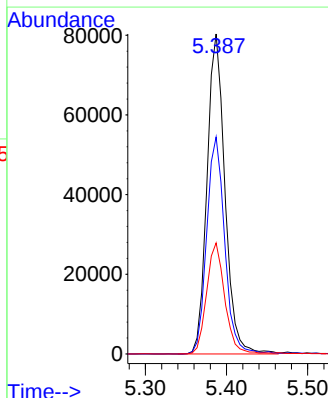
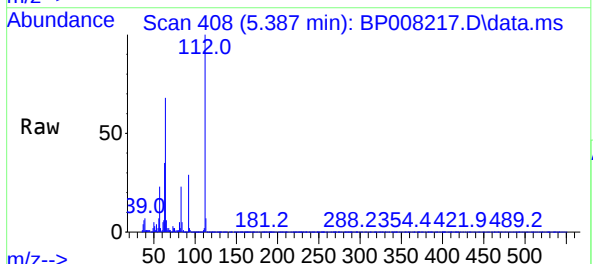
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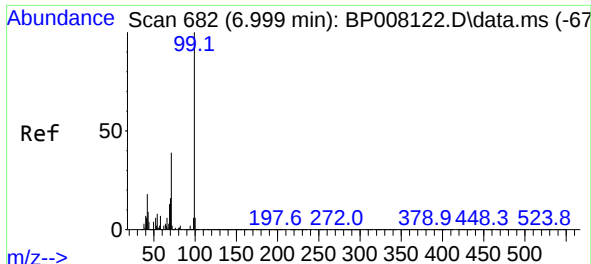
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#5
2-Fluorophenol
Concen: 18.374 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

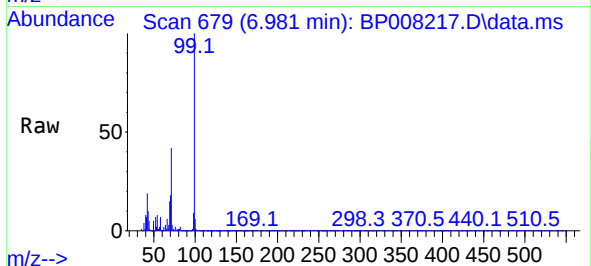
Tgt Ion:112 Resp: 122950
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 34.7 27.8 41.8





#7
Phenol-d6
Concen: 16.961 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

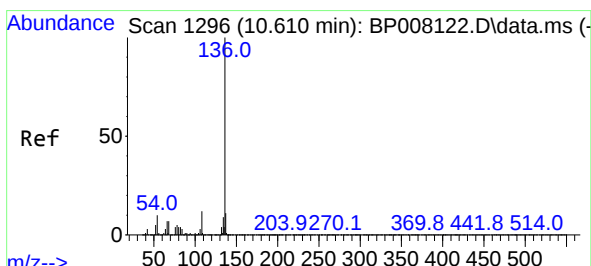
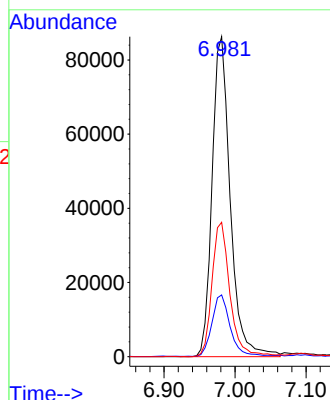
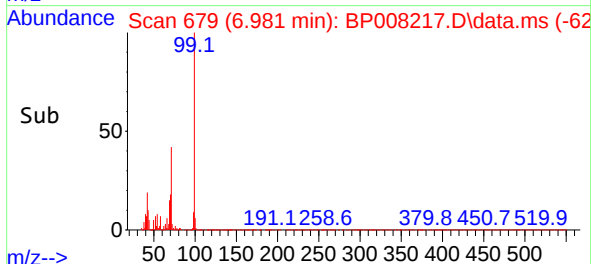
Instrument :
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ClientSampleId :
PL-5-120121DL



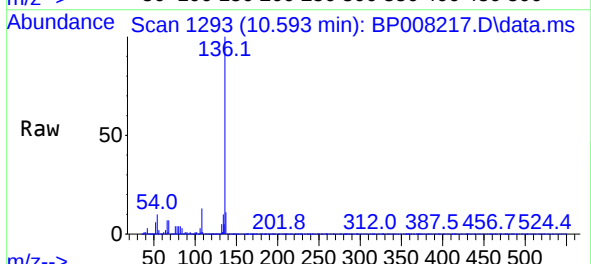
Tgt Ion: 99 Resp: 153204
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.0 31.1 46.7

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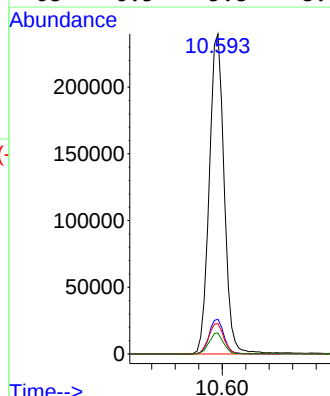
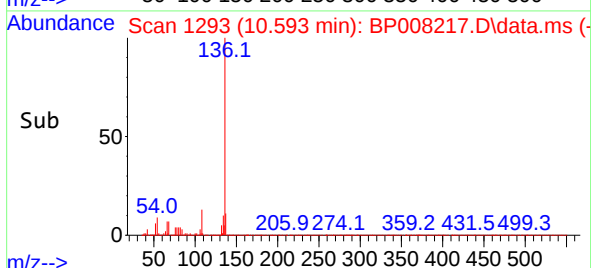
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

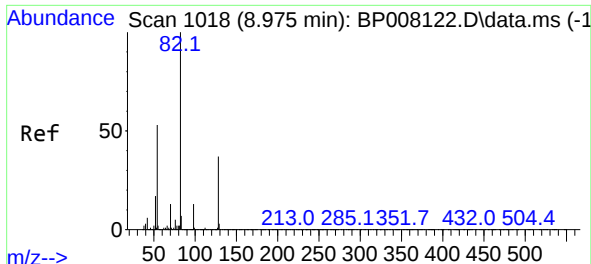


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58



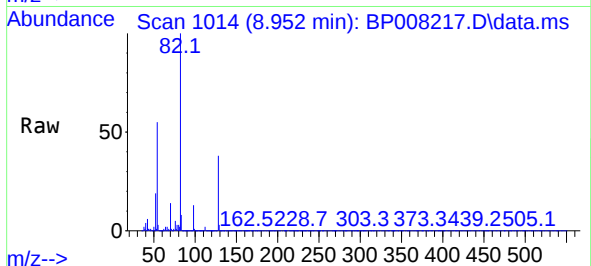
Tgt Ion:136 Resp: 421458
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.5 8.2 12.4
68 6.5 5.8 8.8





#23
Nitrobenzene-d5
Concen: 11.244 ng
RT: 8.952 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

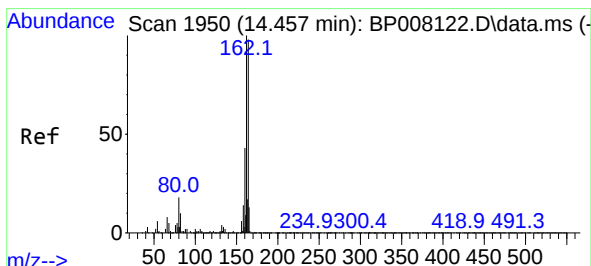
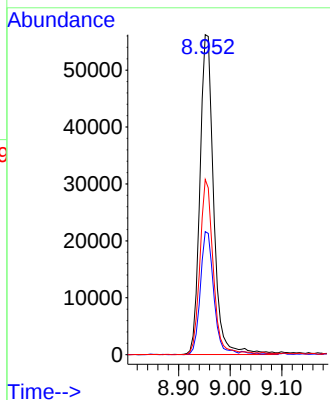
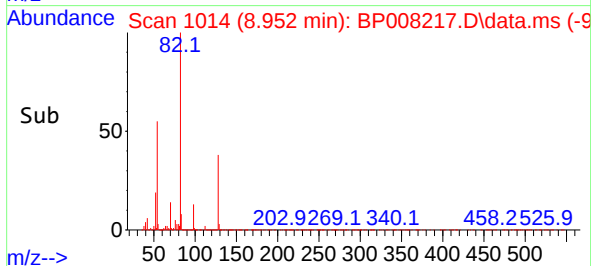
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL



Tgt Ion: 82 Resp: 104208
Ion Ratio Lower Upper
82 100
128 38.4 29.6 44.4
54 54.7 42.7 64.1

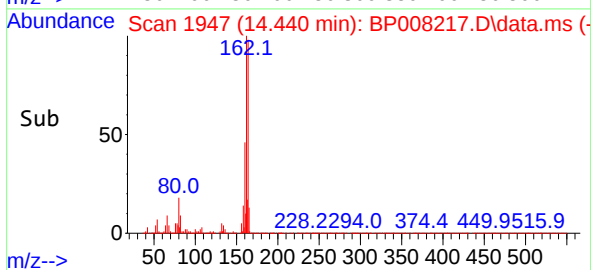
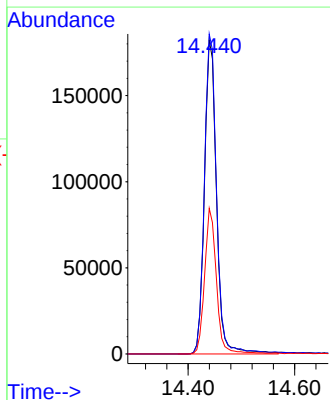
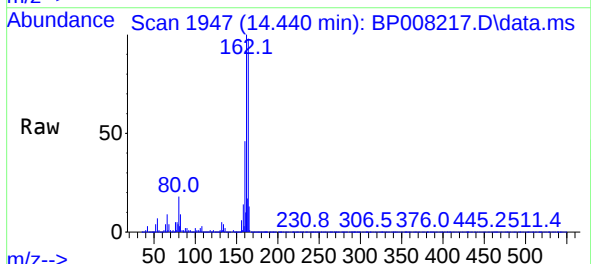
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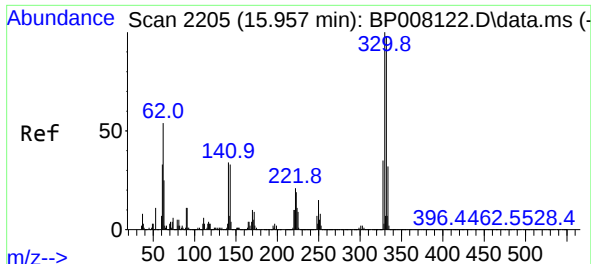
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:164 Resp: 286184
Ion Ratio Lower Upper
164 100
162 102.0 81.9 122.9
160 46.4 35.4 53.0





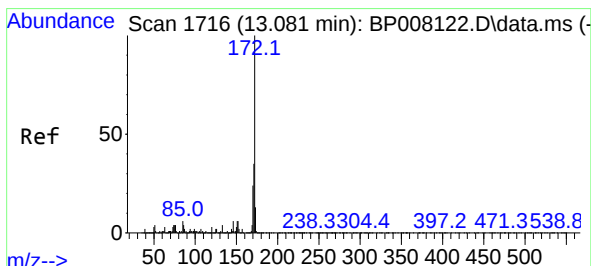
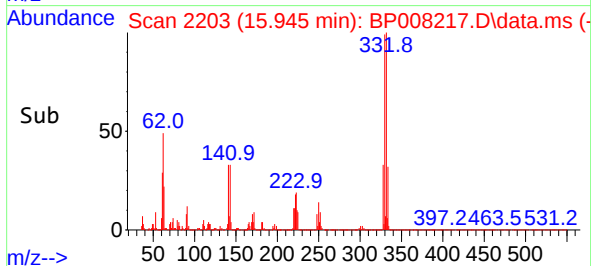
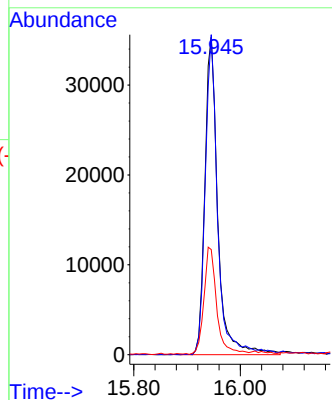
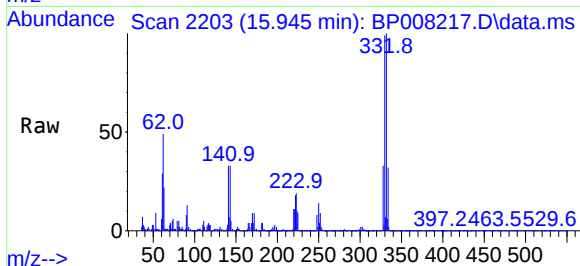
#42
2,4,6-Tribromophenol
Concen: 16.251 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

Tgt Ion:330 Resp: 5944
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.4 28.4 42.6

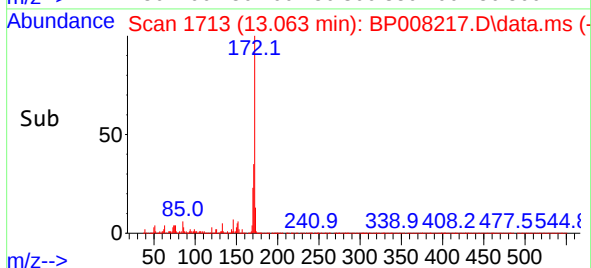
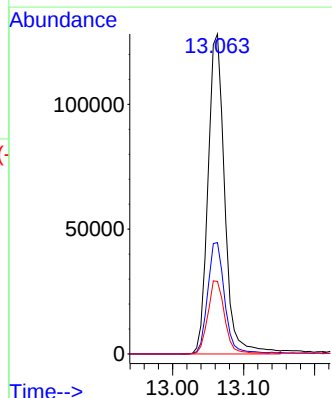
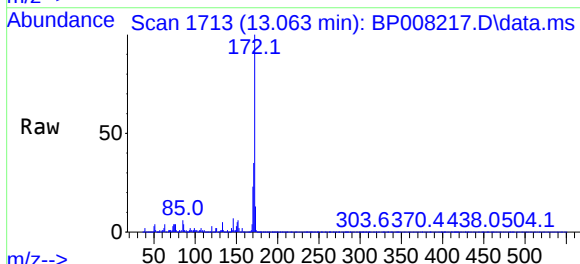
Manual Integrations
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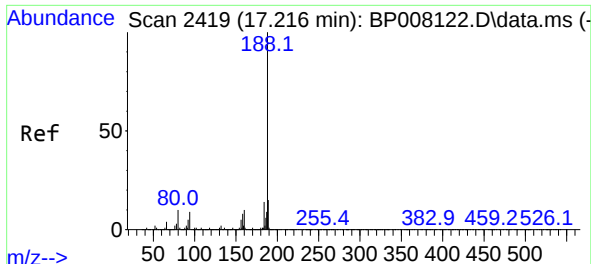
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#45
2-Fluorobiphenyl
Concen: 10.652 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:172 Resp: 209862
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.9 28.3





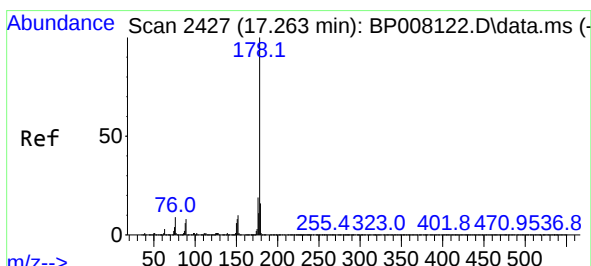
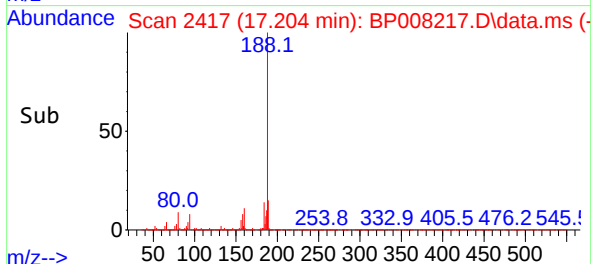
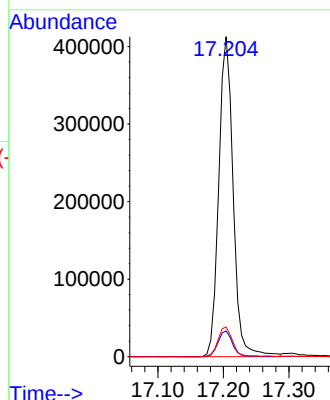
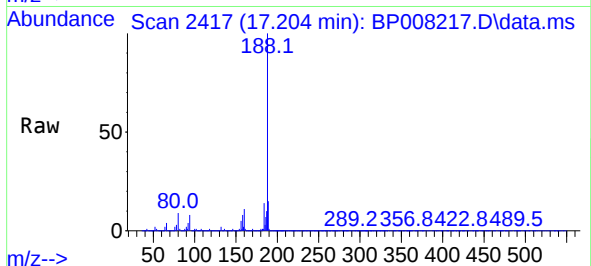
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

Tgt Ion:188 Resp: 62669
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.3 8.2 12.4

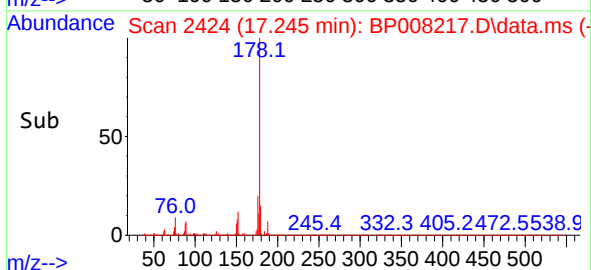
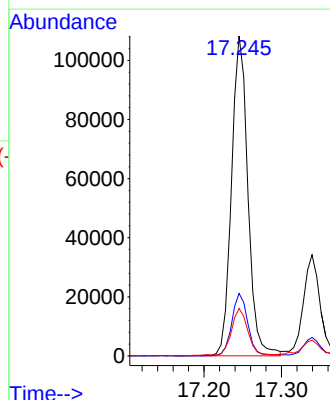
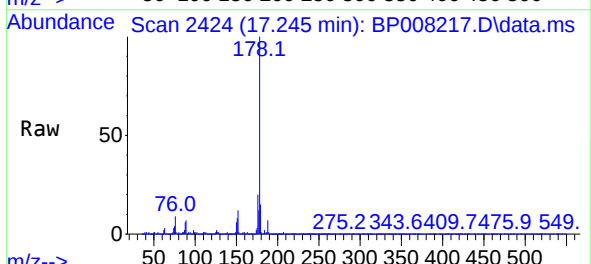
Manual Integrations
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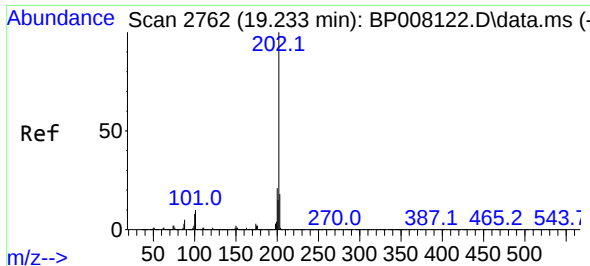
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#71
Phenanthrene
Concen: 4.810 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

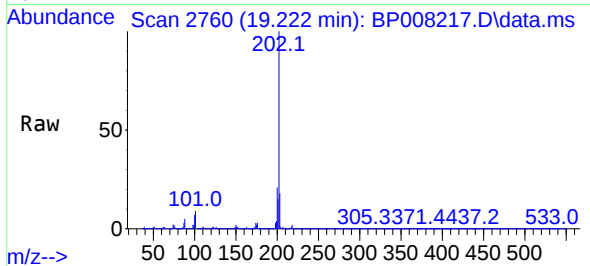
Tgt Ion:178 Resp: 159168
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 14.8 12.5 18.7





#75
Fluoranthene
Concen: 14.919 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

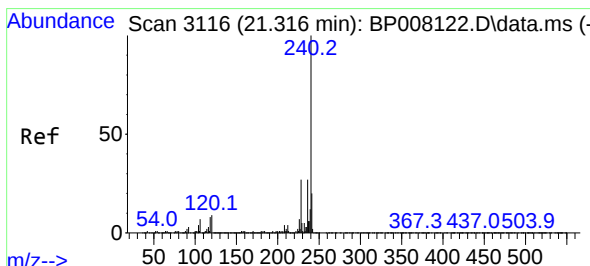
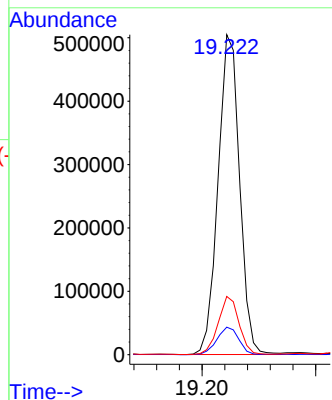
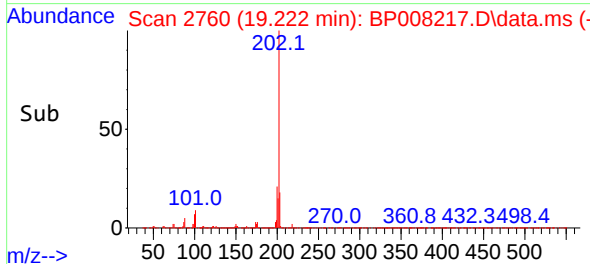
Instrument :
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Tgt Ion: 202 Resp: 66499
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.8
203 18.2 0.0 37.7

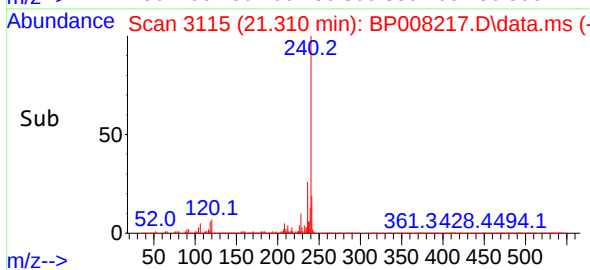
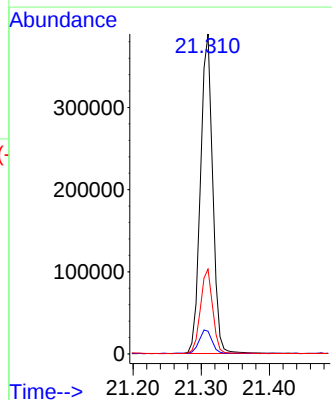
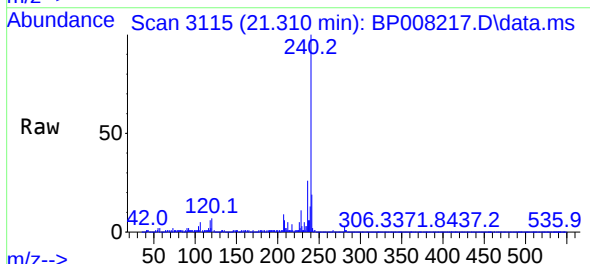
Manual Integrations
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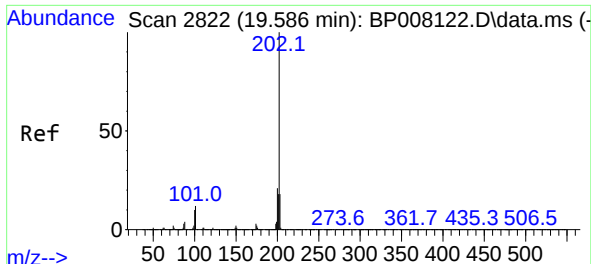
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

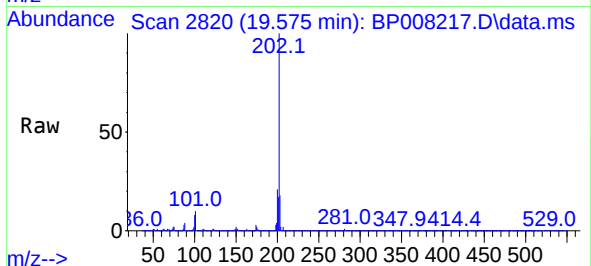
Tgt Ion: 240 Resp: 484221
Ion Ratio Lower Upper
240 100
120 7.1 7.3 10.9#
236 26.5 21.4 32.2





#78
Pyrene
Concen: 17.040 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

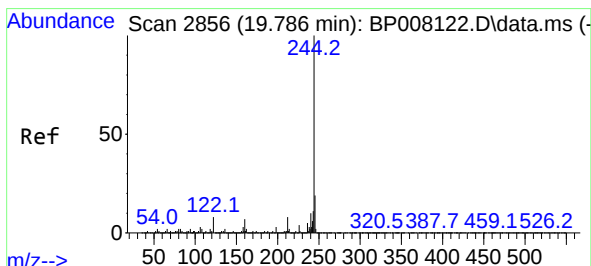
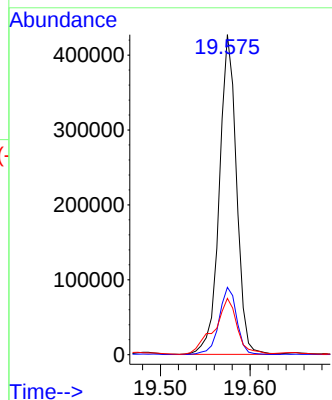
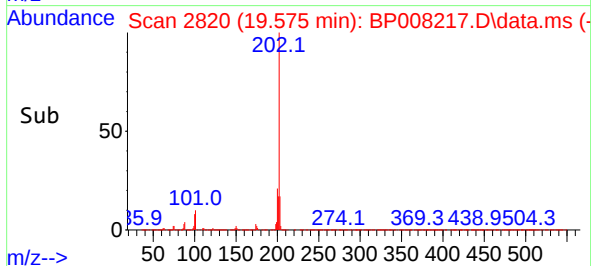
Instrument :
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Tgt Ion:202 Resp: 56873
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.2

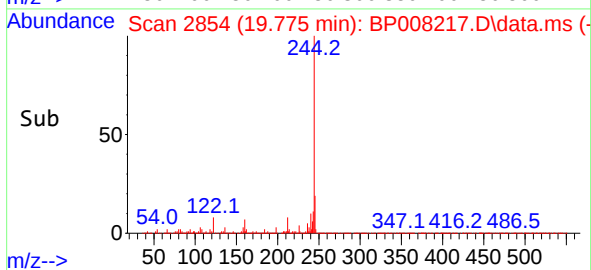
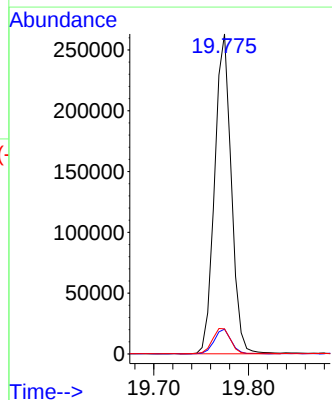
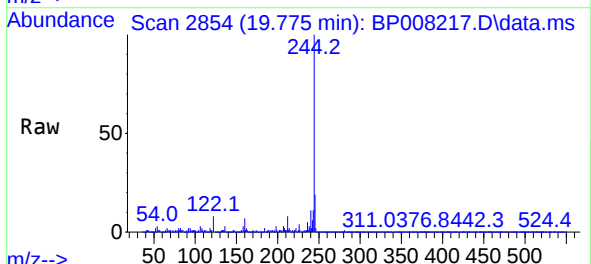
Manual Integrations
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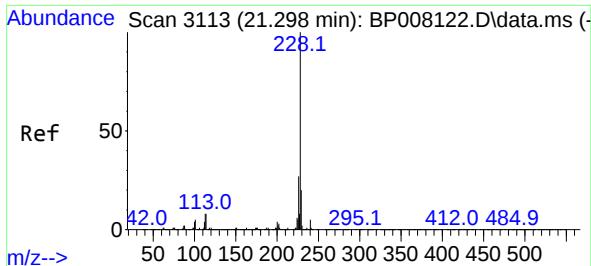
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#79
Terphenyl-d14
Concen: 13.859 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:244 Resp: 321109
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 7.9 6.6 9.8





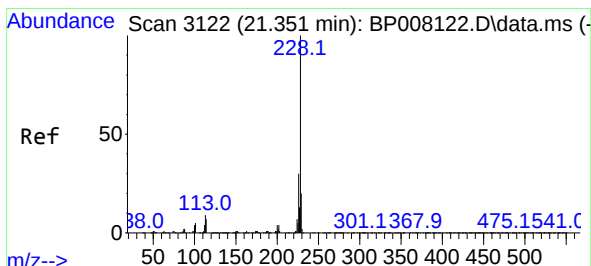
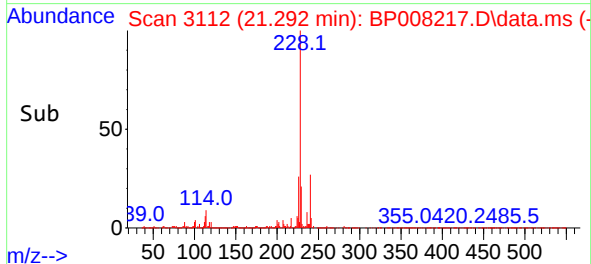
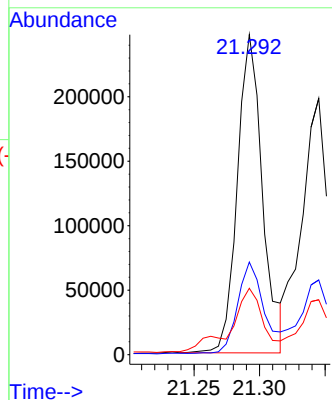
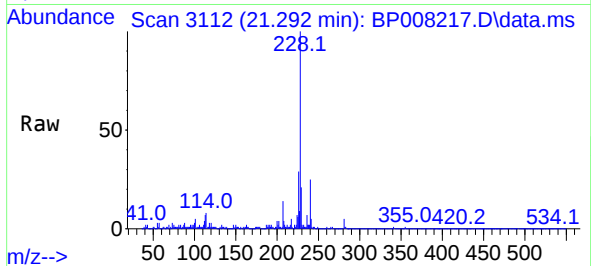
#81
Benzo(a)anthracene
Concen: 10.273 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

Tgt Ion:228 Resp: 329680
Ion Ratio Lower Upper
228 100
226 28.9 21.9 32.9
229 20.8 15.9 23.9

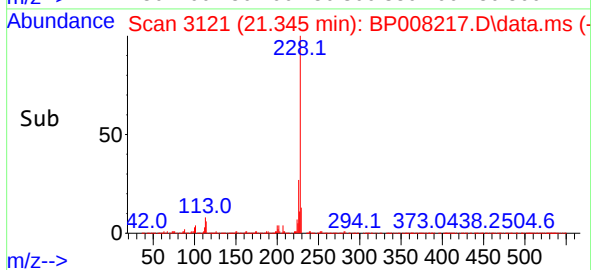
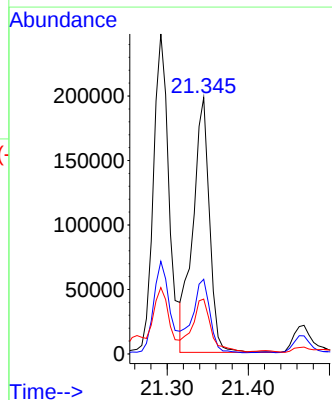
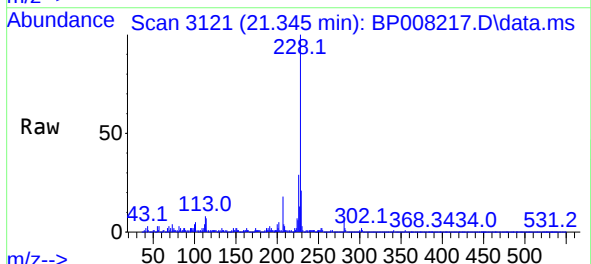
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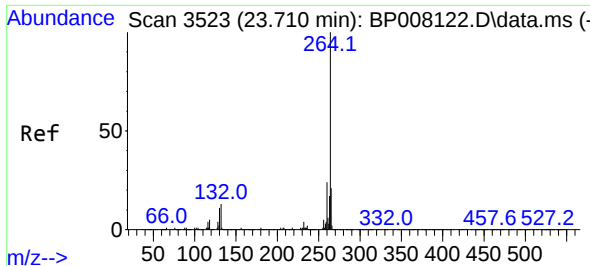
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#83
Chrysene
Concen: 9.198 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

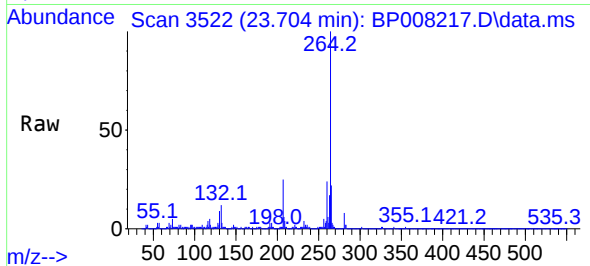
Tgt Ion:228 Resp: 280883
Ion Ratio Lower Upper
228 100
226 29.2 24.0 36.0
229 21.4 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3523
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

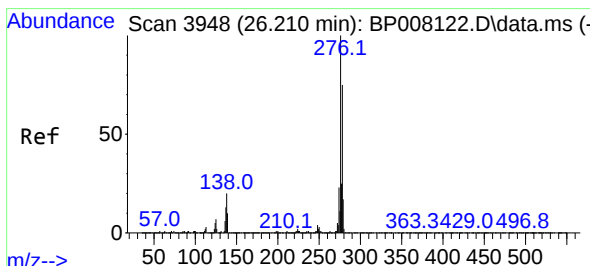
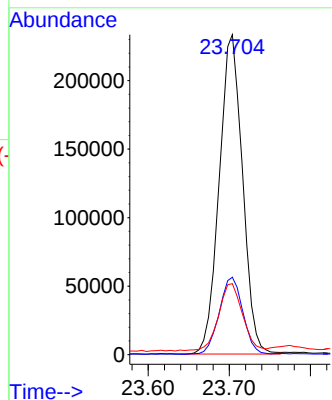
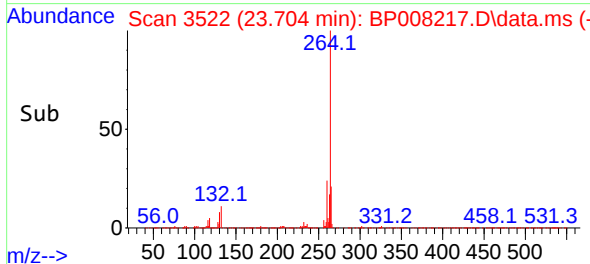
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL



Tgt Ion:264 Resp: 465218
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.2 17.6 26.4

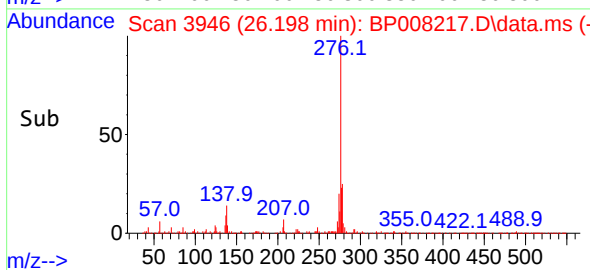
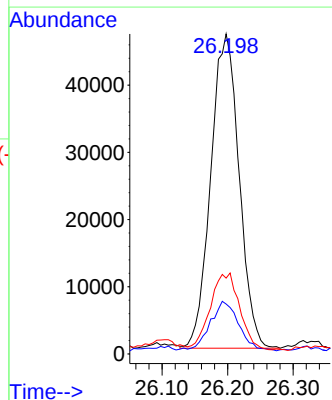
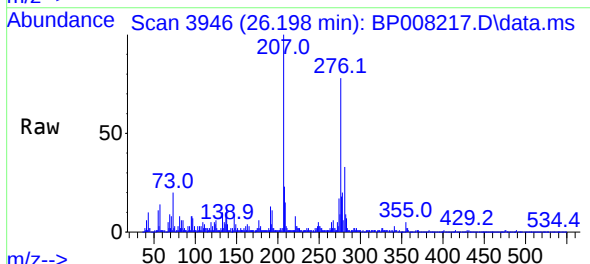
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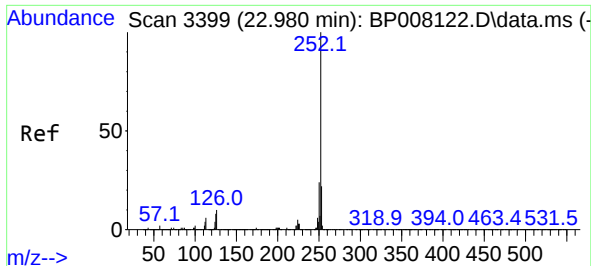
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.149 ng
RT: 26.198 min Scan# 3946
Delta R.T. -0.029 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

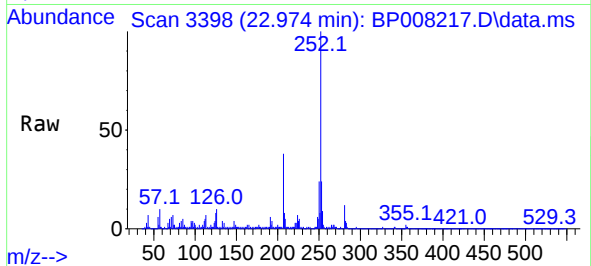
Tgt Ion:276 Resp: 140410
Ion Ratio Lower Upper
276 100
138 16.0 16.6 25.0#
277 25.2 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 13.246 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

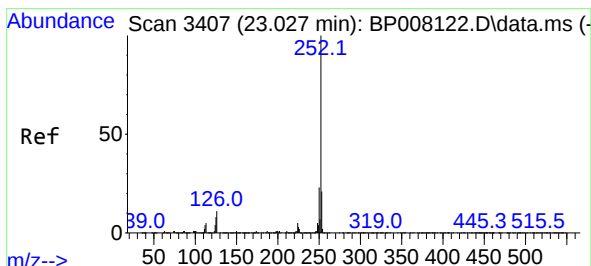
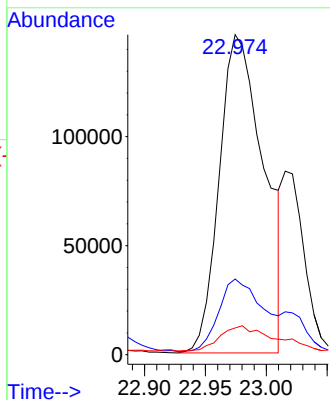
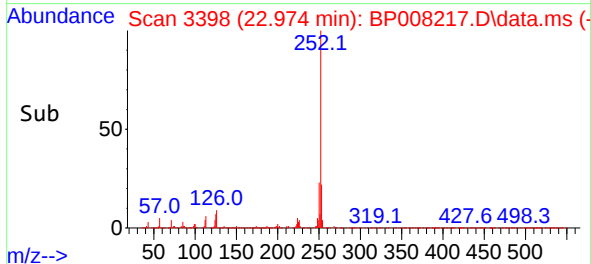
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL



Tgt Ion:252 Resp: 37148
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 8.3 6.2 9.4

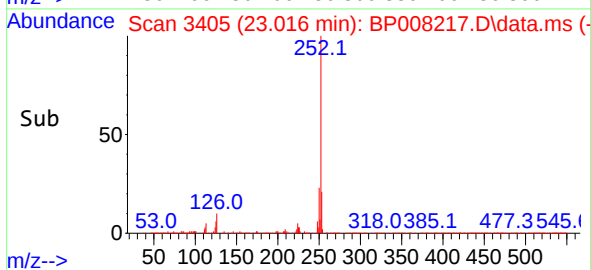
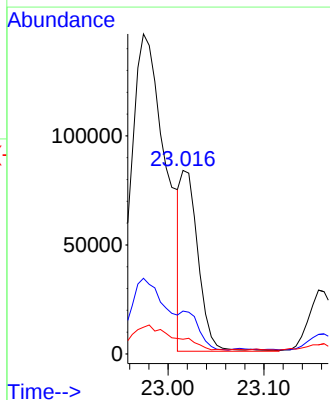
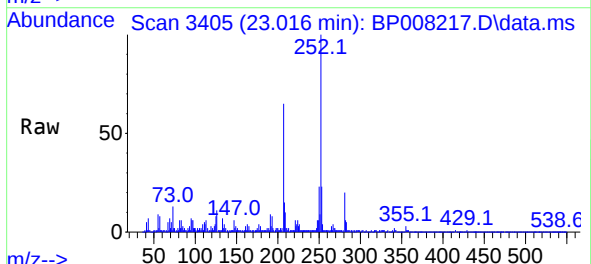
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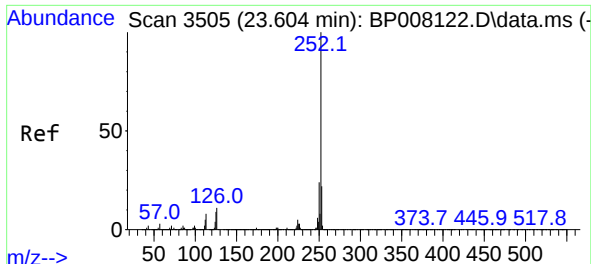
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#89
Benzo(k)fluoranthene
Concen: 3.810 ng m
RT: 23.016 min Scan# 3405
Delta R.T. -0.018 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

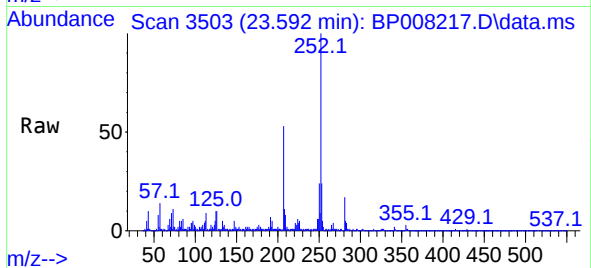
Tgt Ion:252 Resp: 104620
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 8.0 6.5 9.7





#90
Benzo(a)pyrene
Concen: 9.254 ng
RT: 23.592 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

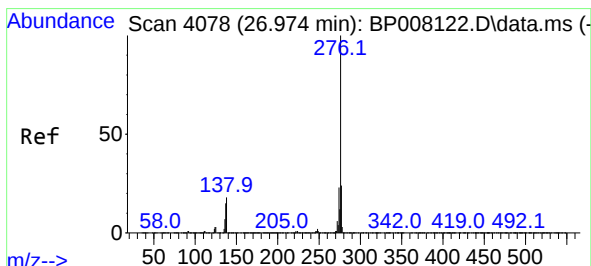
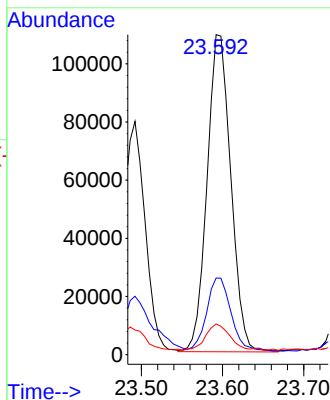
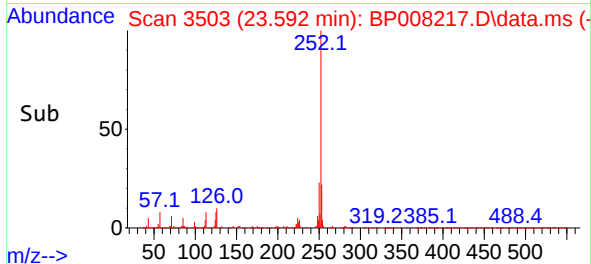
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL



Tgt Ion:252 Resp: 221824
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 9.6 7.4 11.0

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Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#92
Benzo(g,h,i)perylene
Concen: 4.452 ng
RT: 26.962 min Scan# 4076
Delta R.T. -0.035 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:276 Resp: 126251
Ion Ratio Lower Upper
276 100
277 24.1 20.0 30.0
138 16.8 14.1 21.1

