

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010630.D
 Acq On : 29 May 2022 21:25
 Operator : CG/JU
 Sample : N3000-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-01-COMPDL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 02:08:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	172697	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	681985	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	414272	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	836221	20.000	ng	0.00
76) Chrysene-d12	21.345	240	752015	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	769346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	466229	49.251	ng	0.00
7) Phenol-d6	7.046	99	605038	45.021	ng	0.00
23) Nitrobenzene-d5	9.028	82	370493	25.684	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	227221	48.454	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	768752	26.336	ng	0.00
79) Terphenyl-d14	19.810	244	993395	24.812	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	889627	19.400	ng	100
72) Anthracene	17.392	178	216070	4.921	ng	99
75) Fluoranthene	19.269	202	2022597	40.607	ng	98
78) Pyrene	19.622	202	1915866	36.557	ng	99
81) Benzo(a)anthracene	21.327	228	958537	19.427	ng	98
83) Chrysene	21.380	228	802229	16.576	ng	98
87) Indeno(1,2,3-cd)pyrene	26.268	276	511470	9.120	ng	96
88) Benzo(b)fluoranthene	23.021	252	1057058	21.822	ng	98
89) Benzo(k)fluoranthene	23.063	252	305866m	6.229	ng	
90) Benzo(a)pyrene	23.651	252	785707	19.610	ng	96
91) Dibenzo(a,h)anthracene	26.274	278	121337	2.587	ng	# 92
92) Benzo(g,h,i)perylene	27.039	276	518854	11.126	ng	95

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

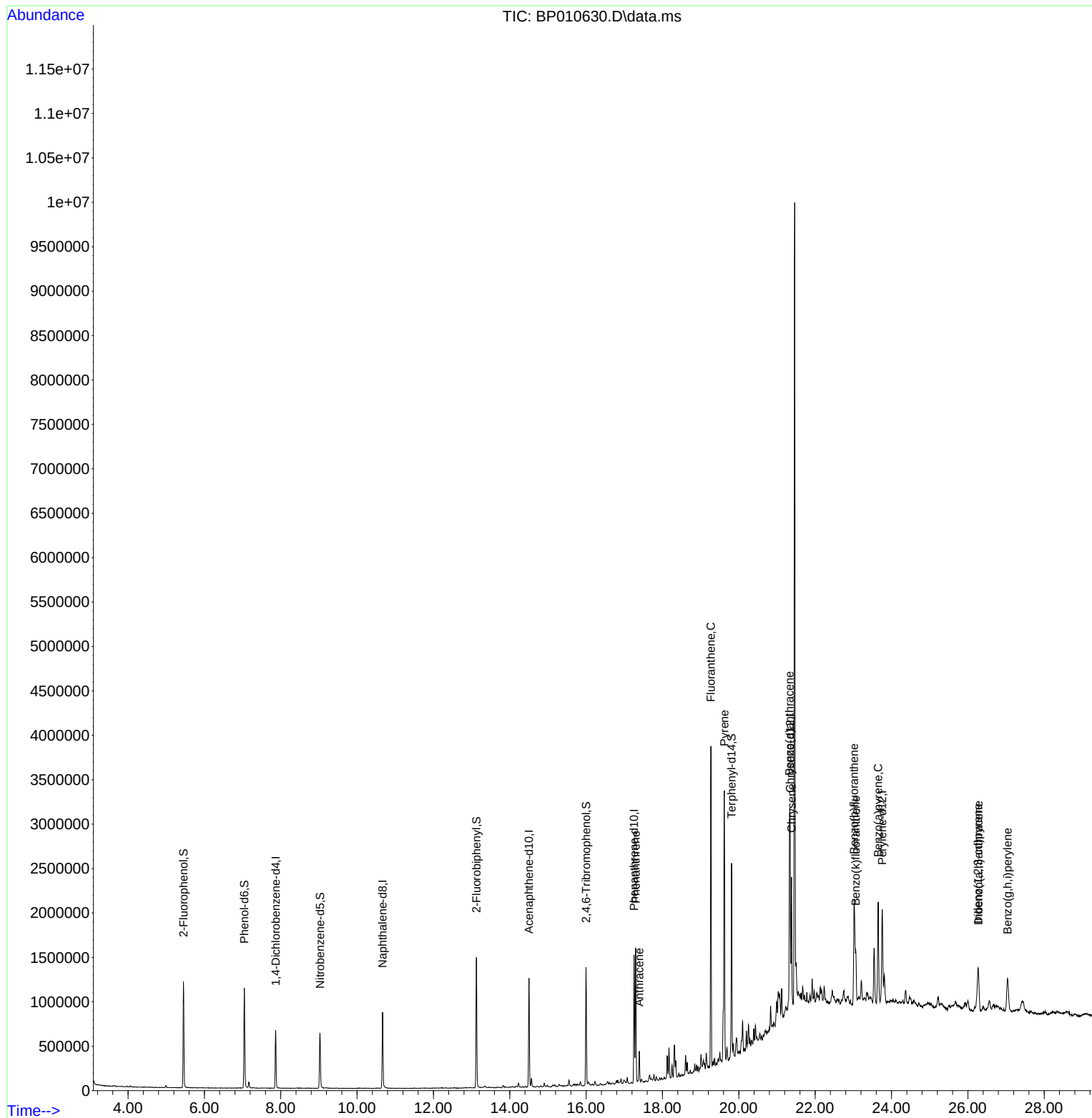
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
Data File : BP010630.D
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Operator : CG/JU
Sample : N3000-01DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

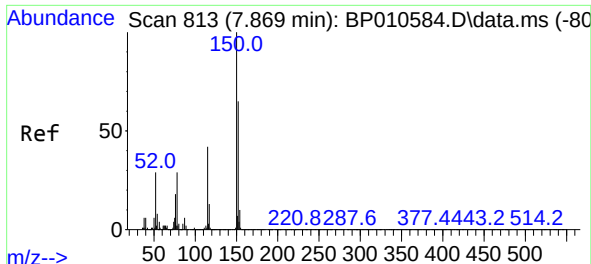
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Quant Time: May 30 02:08:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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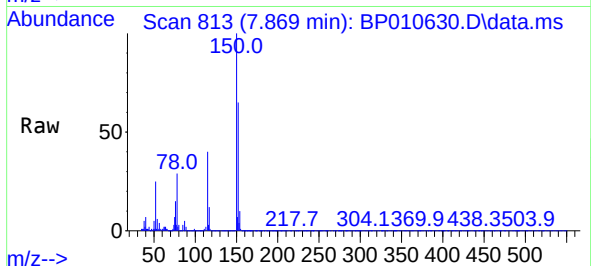
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

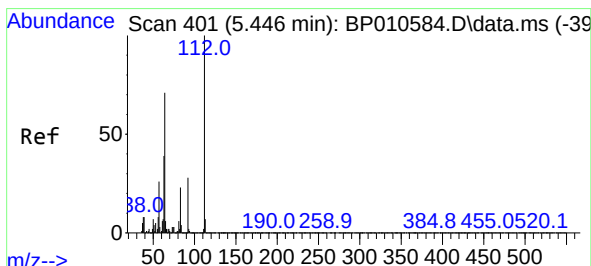
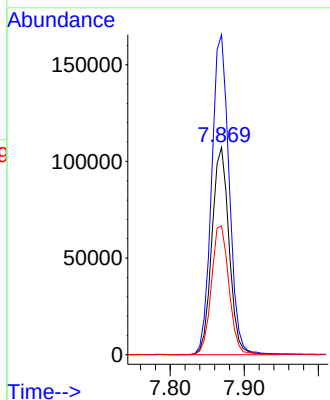
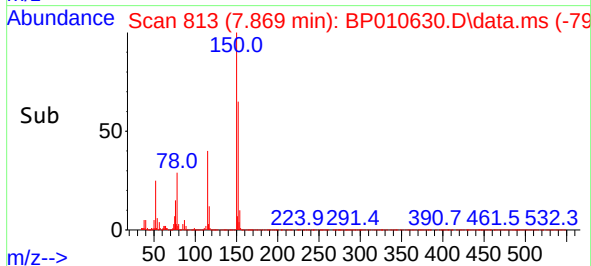
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL



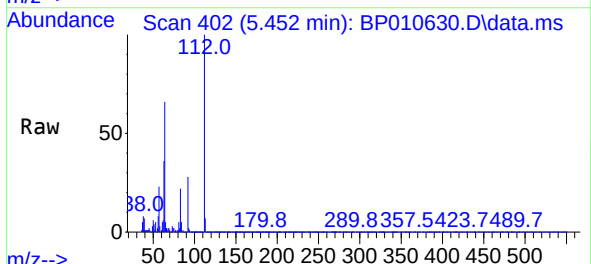
Tgt Ion:152 Resp: 172697
Ion Ratio Lower Upper
152 100
150 154.2 123.4 185.2
115 62.1 51.3 76.9

Manual Integrations
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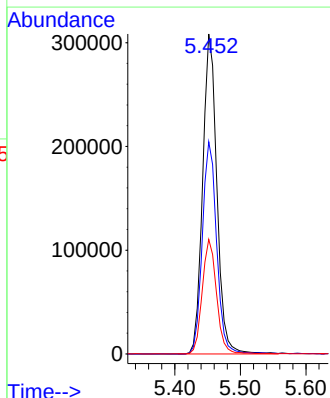
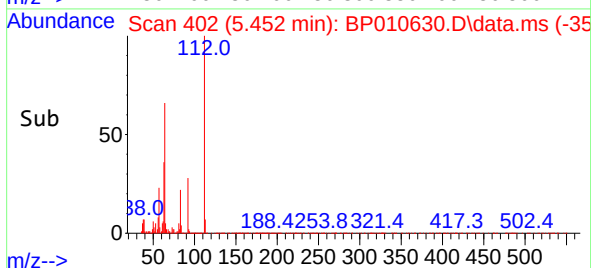
Reviewed By :Christian Giraldo 05/31/2022
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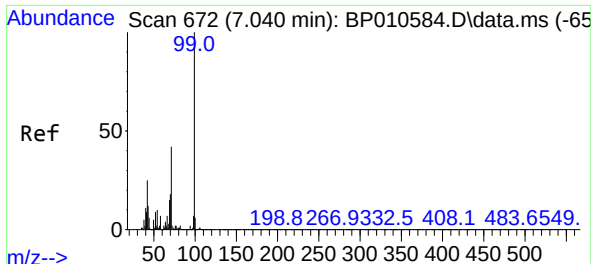


#5
2-Fluorophenol
Concen: 49.251 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25



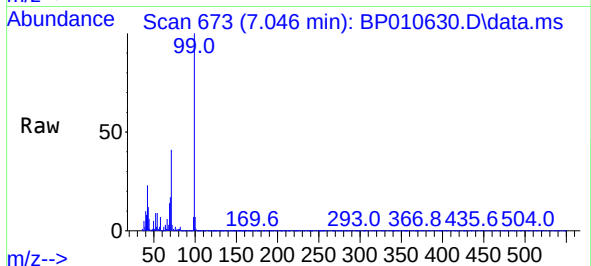
Tgt Ion:112 Resp: 466229
Ion Ratio Lower Upper
112 100
64 66.3 56.9 85.3
63 35.8 31.2 46.8





#7
Phenol-d6
Concen: 45.021 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

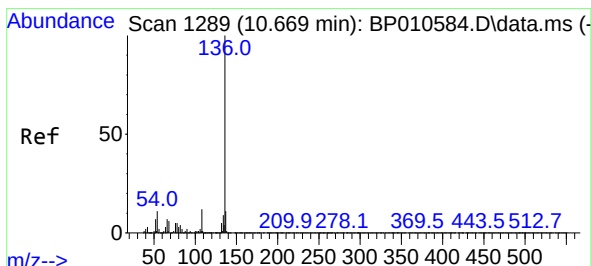
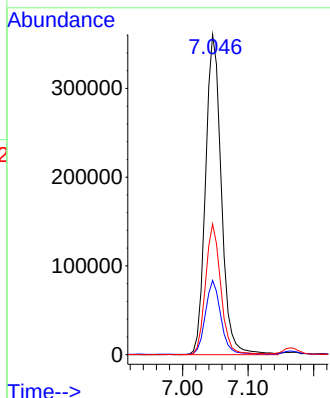
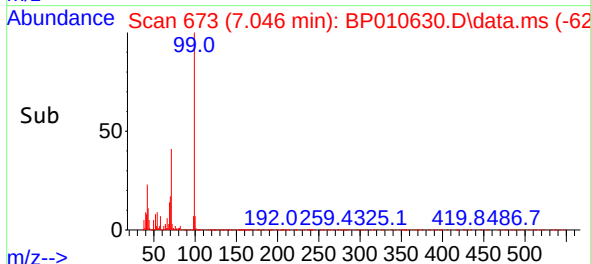
Instrument :
BNA_P
ClientSampleId :
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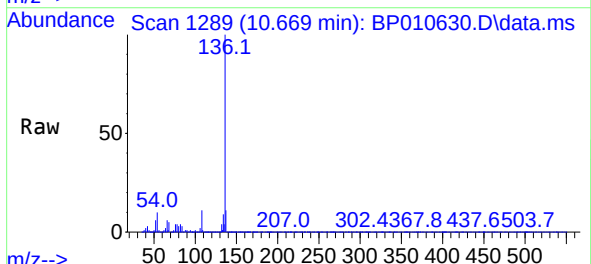
Tgt Ion: 99 Resp: 605038
Ion Ratio Lower Upper
99 100
42 23.2 20.3 30.5
71 40.9 33.9 50.9

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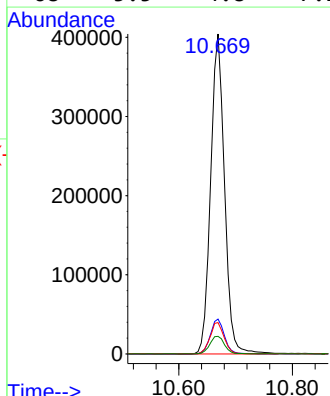
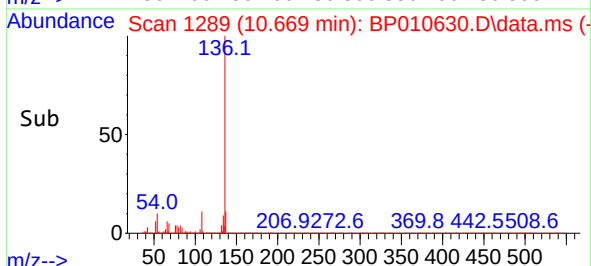
Reviewed By :Christian Giraldo 05/31/2022
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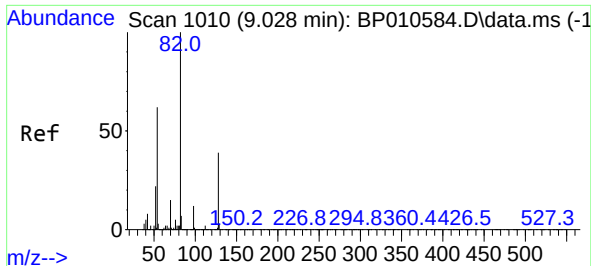


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25



Tgt Ion:136 Resp: 681985
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.8 8.7 13.1
68 5.5 4.8 7.2





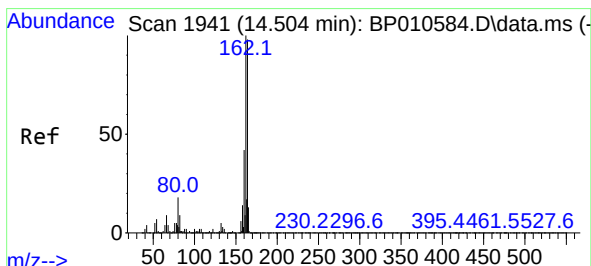
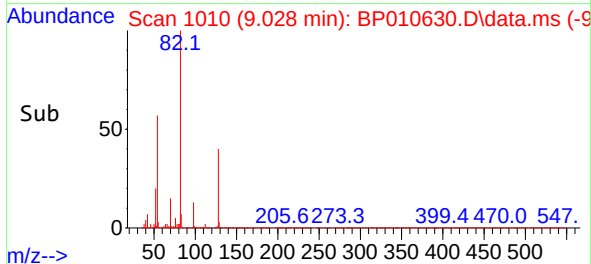
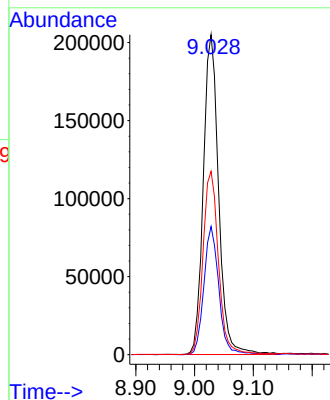
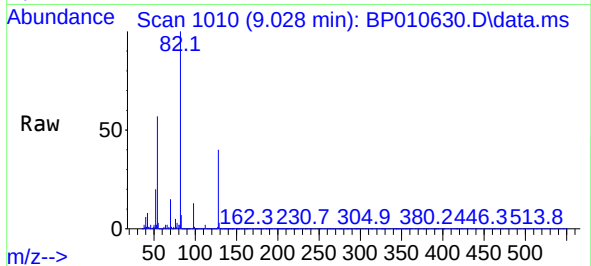
#23
Nitrobenzene-d5
Concen: 25.684 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion: 82 Resp: 37049
Ion Ratio Lower Upper
82 100
128 40.1 31.3 46.9
54 57.3 49.8 74.8

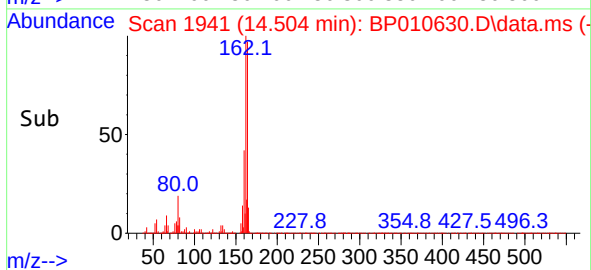
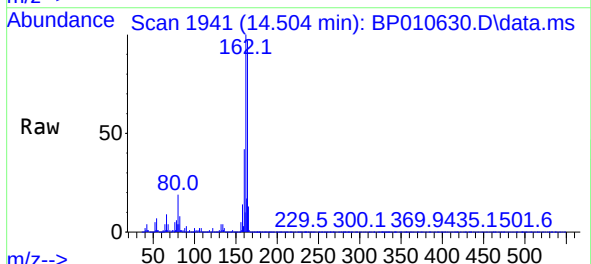
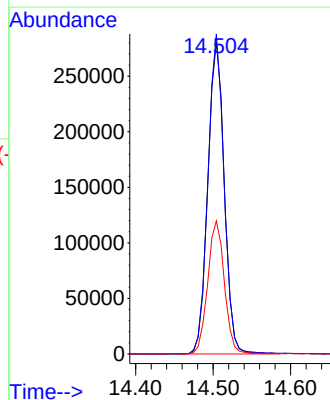
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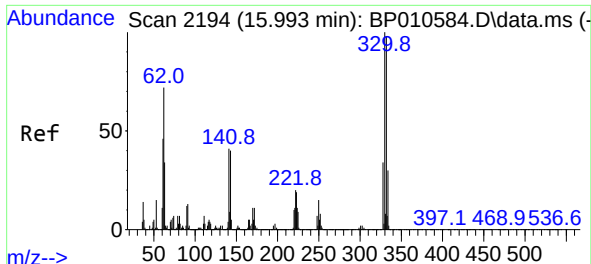
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

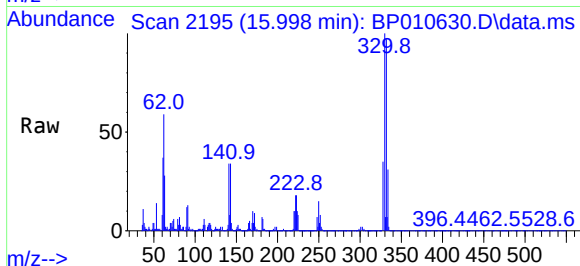
Tgt Ion:164 Resp: 414272
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 42.7 34.6 51.8





#42
2,4,6-Tribromophenol
Concen: 48.454 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

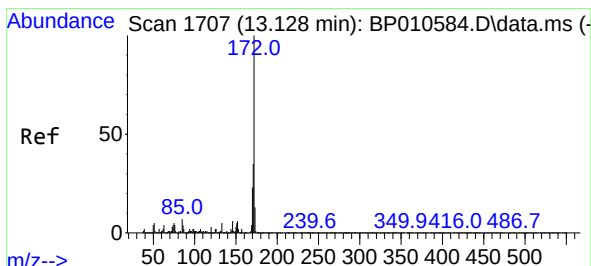
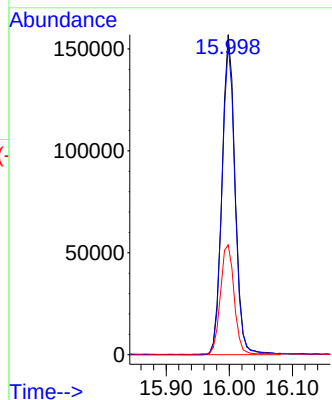
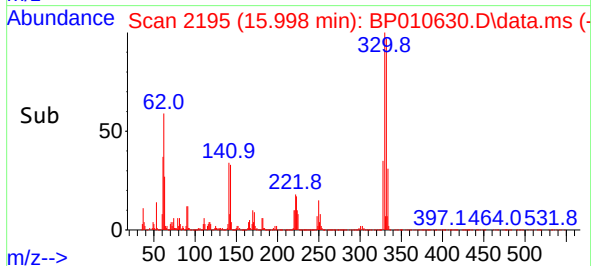
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL



Tgt Ion: 330 Resp: 22722
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 35.6 31.4 47.2

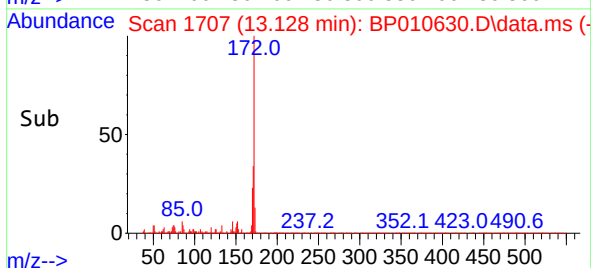
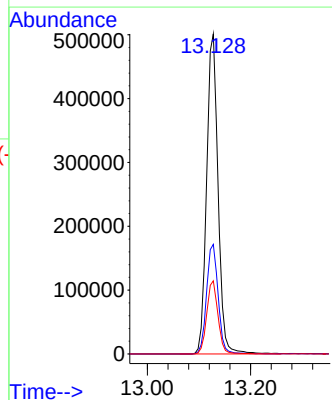
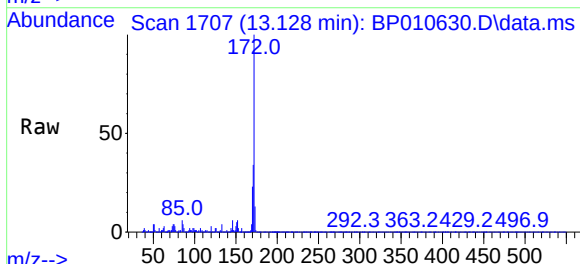
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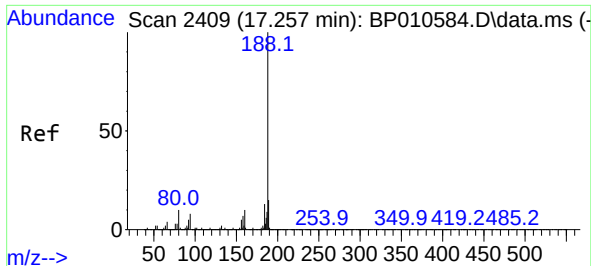
Reviewed By : Christian Giraldo 05/31/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#45
2-Fluorobiphenyl
Concen: 26.336 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion: 172 Resp: 768752
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.9 18.2 27.2





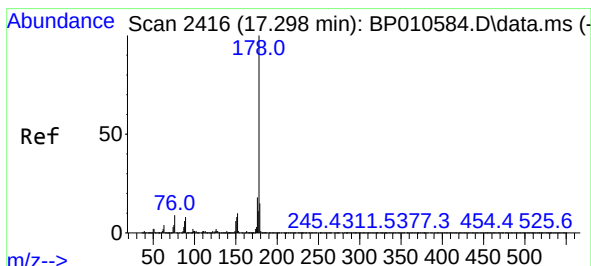
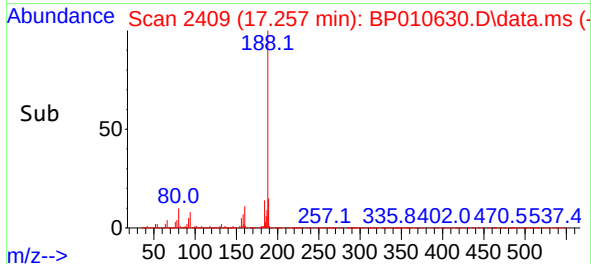
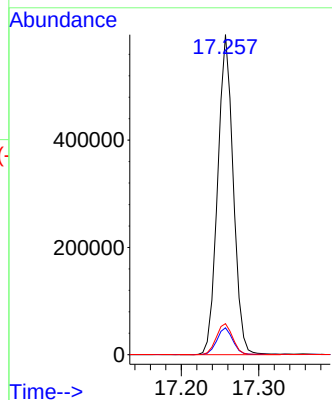
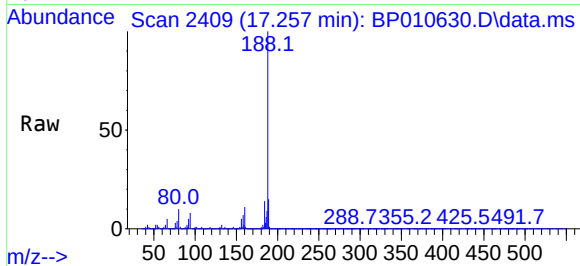
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion:188 Resp: 83622
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.7 8.0 12.0

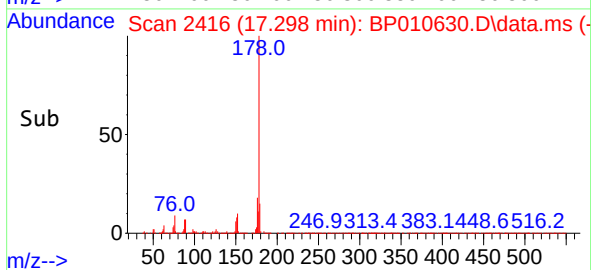
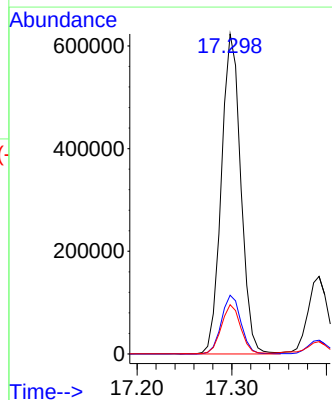
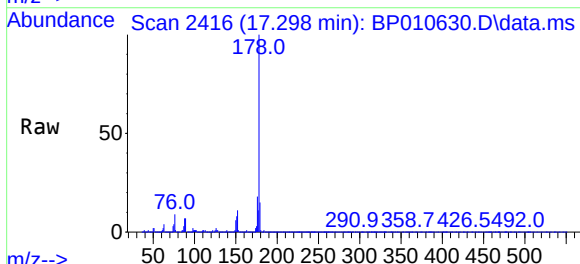
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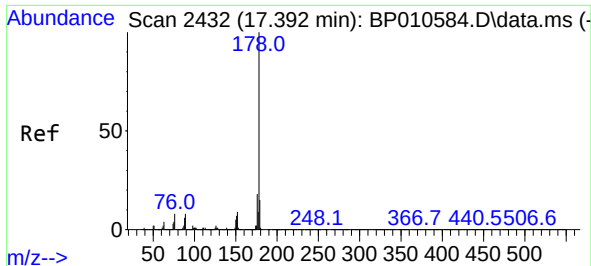
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#71
Phenanthrene
Concen: 19.400 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

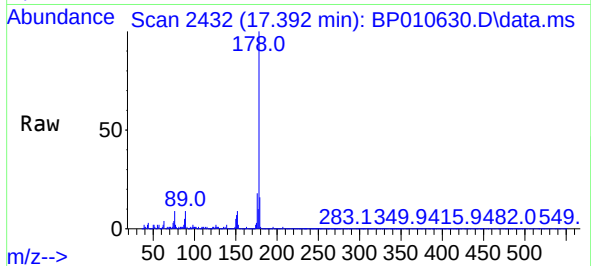
Tgt Ion:178 Resp: 889627
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.2 18.2





#72
 Anthracene
 Concen: 4.921 ng
 RT: 17.392 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BP010630.D
 Acq: 29 May 2022 21:25

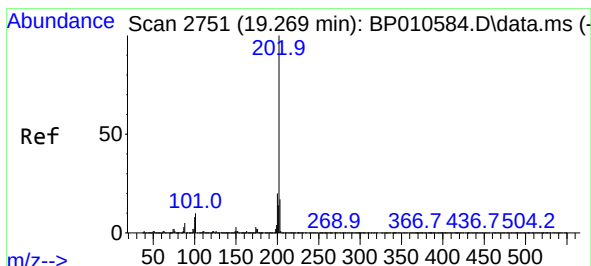
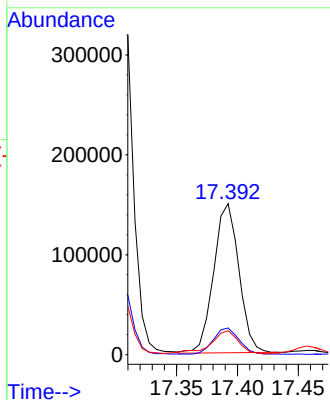
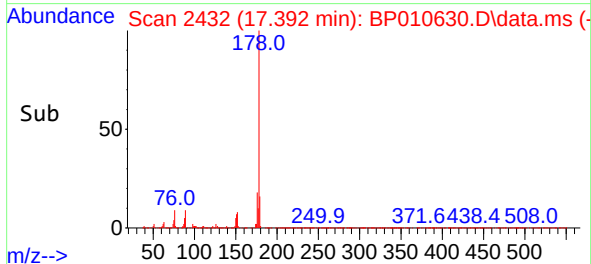
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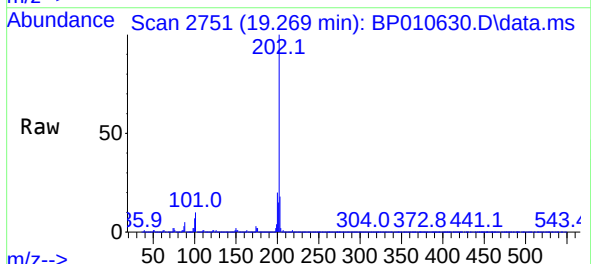
Tgt Ion:178 Resp: 216070
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.5 21.7
 179 15.8 12.2 18.4

Manual Integrations
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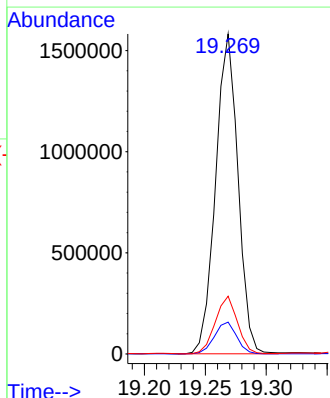
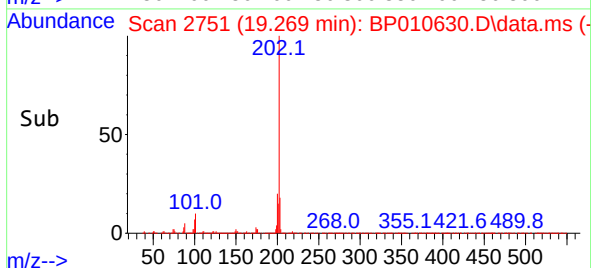
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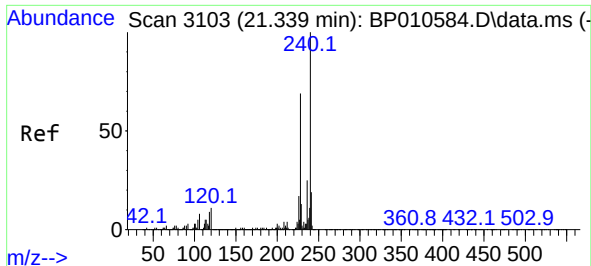


#75
 Fluoranthene
 Concen: 40.607 ng
 RT: 19.269 min Scan# 2751
 Delta R.T. -0.000 min
 Lab File: BP010630.D
 Acq: 29 May 2022 21:25



Tgt Ion:202 Resp: 2022597
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 29.6
 203 18.1 0.0 36.9





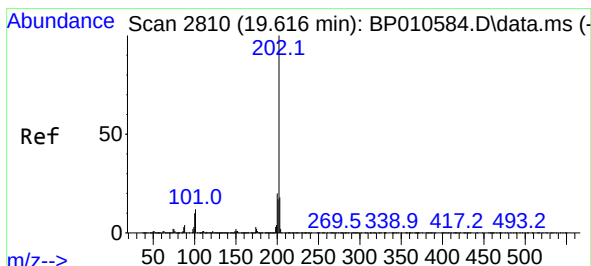
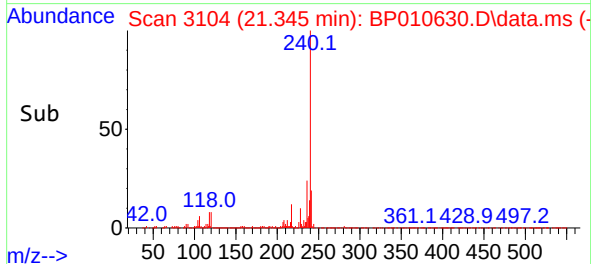
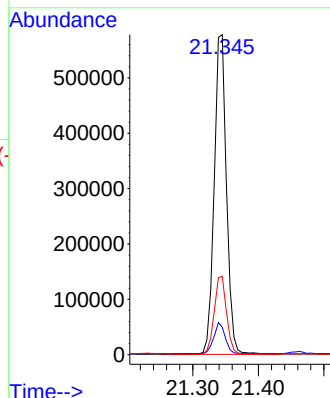
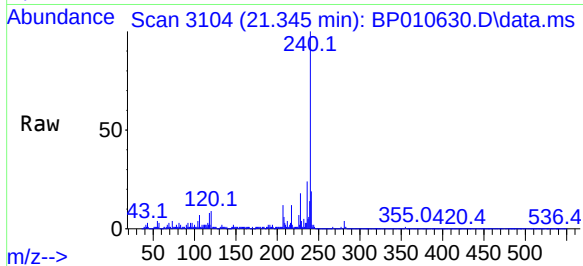
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion:240 Resp: 752015
Ion Ratio Lower Upper
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120 8.6 8.6 12.8
236 24.5 19.8 29.6

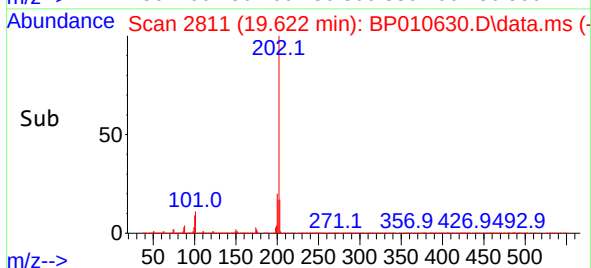
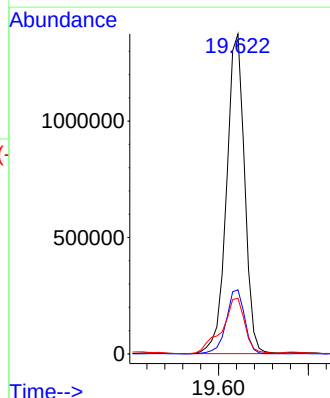
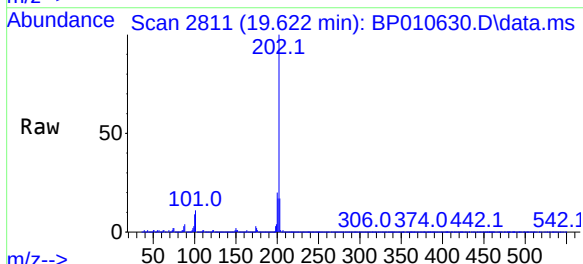
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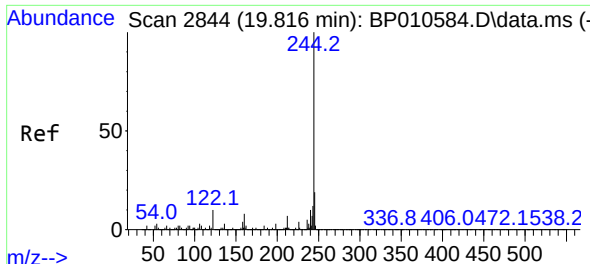
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 36.557 ng
RT: 19.622 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:202 Resp: 1915866
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 17.4 14.2 21.4





#79
Terphenyl-d14
Concen: 24.812 ng
RT: 19.810 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :

BNA_P

ClientSampleId :

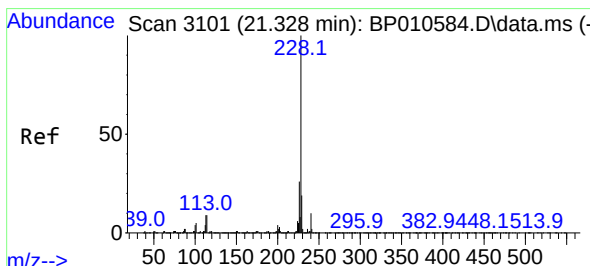
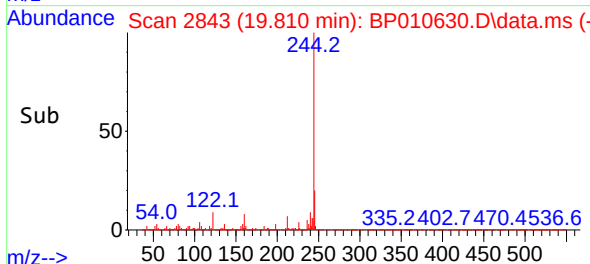
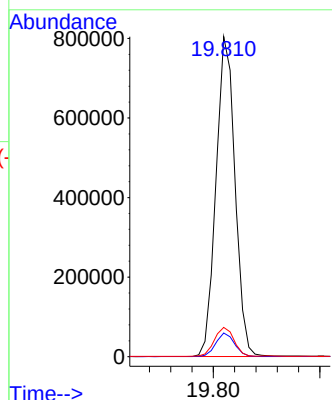
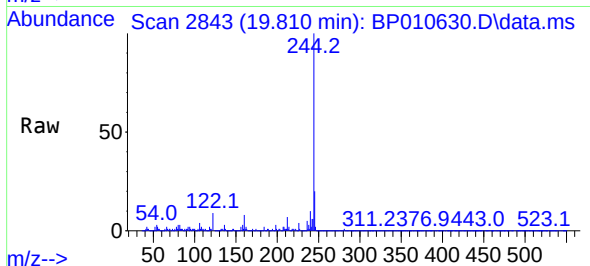
TP-01-COMPDL

Tgt Ion:244 Resp: 99339
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.2 7.6 11.4

Manual Integrations

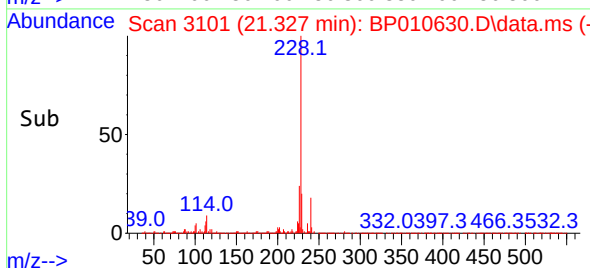
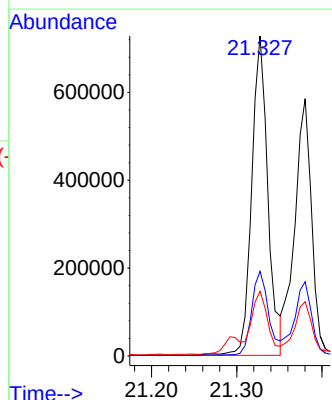
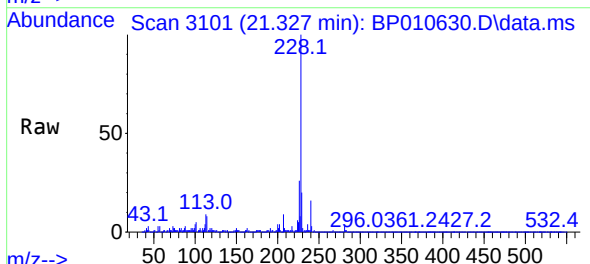
APPROVED

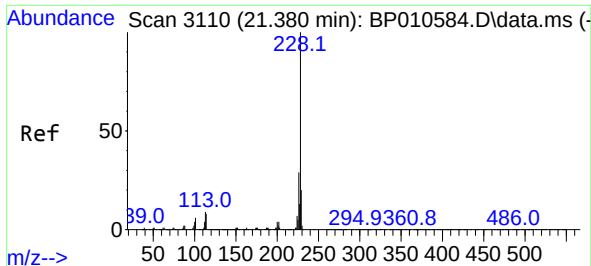
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#81
Benzo(a)anthracene
Concen: 19.427 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

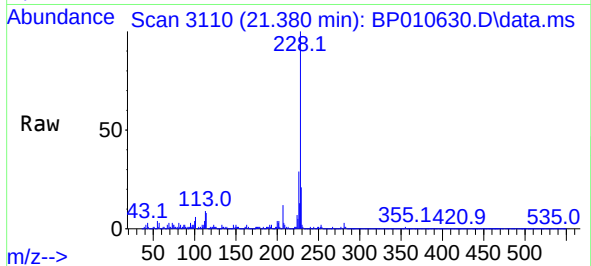
Tgt Ion:228 Resp: 958537
Ion Ratio Lower Upper
228 100
226 26.4 20.8 31.2
229 20.2 15.2 22.8





#83
Chrysene
Concen: 16.576 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

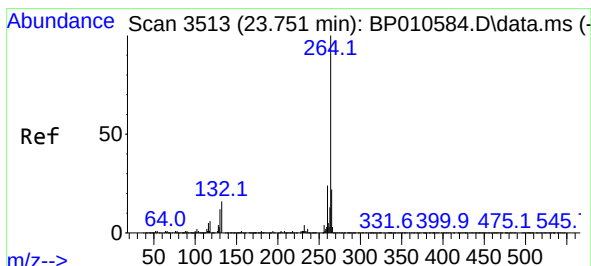
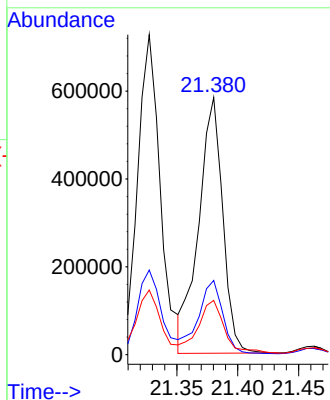
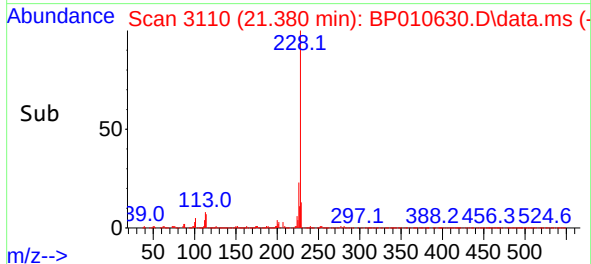
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL



Tgt Ion:228 Resp: 802229
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 21.1 15.7 23.5

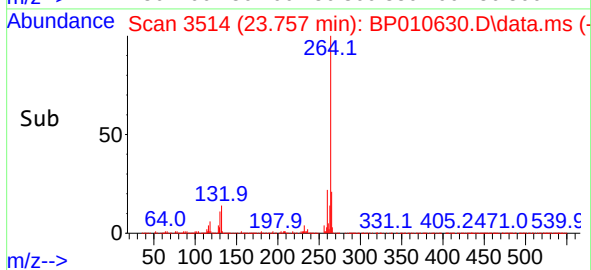
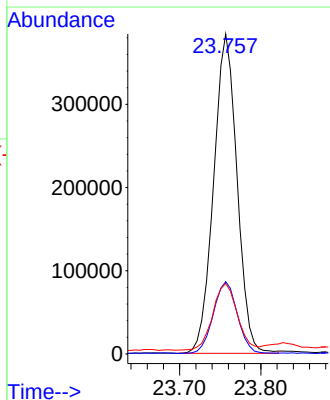
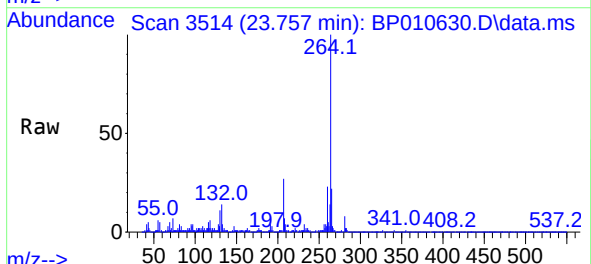
Manual Integrations
APPROVED

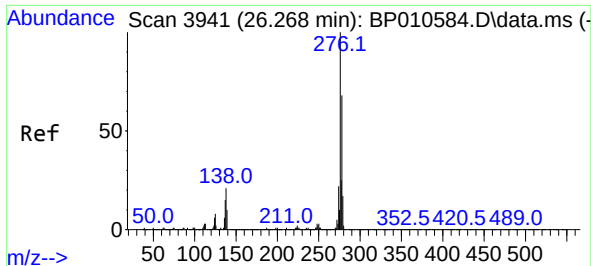
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

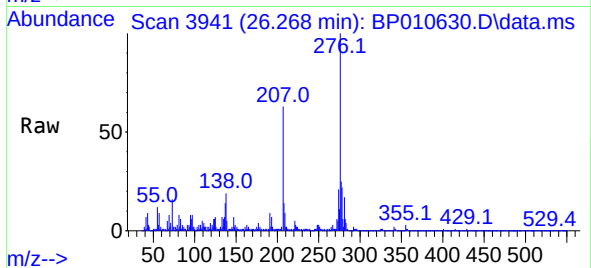
Tgt Ion:264 Resp: 769346
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 22.1 18.0 27.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.120 ng
RT: 26.268 min Scan# 3941
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

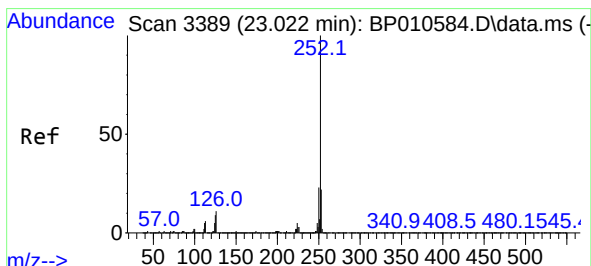
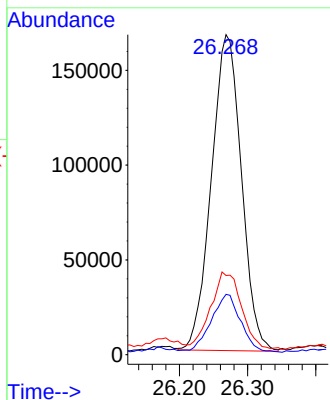
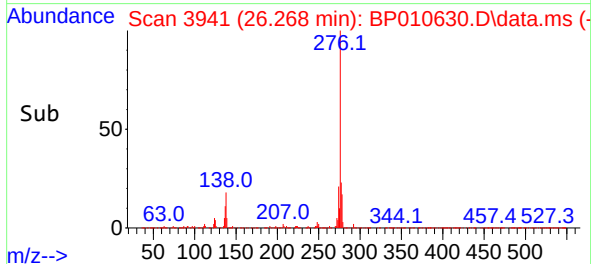
Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL



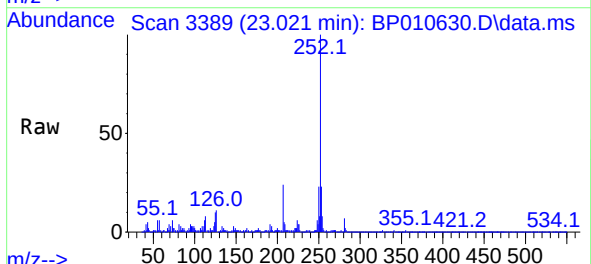
Tgt Ion: 276 Resp: 511470
Ion Ratio Lower Upper
276 100
138 18.1 17.5 26.3
277 25.3 20.2 30.4

Manual Integrations
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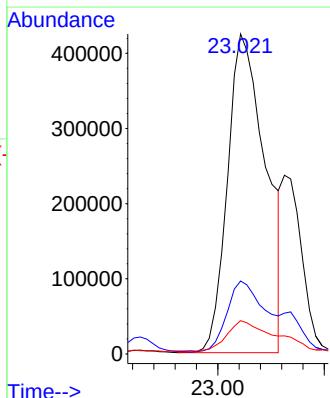
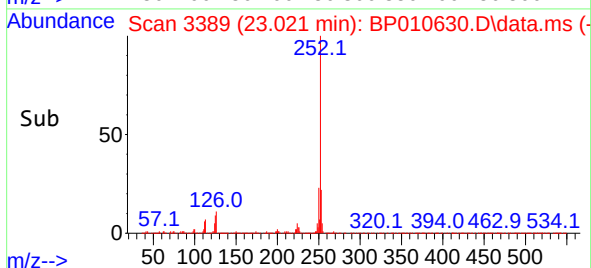
Reviewed By : Christian Giraldo 05/31/2022
Supervised By : Jagrut Upadhyay 05/31/2022

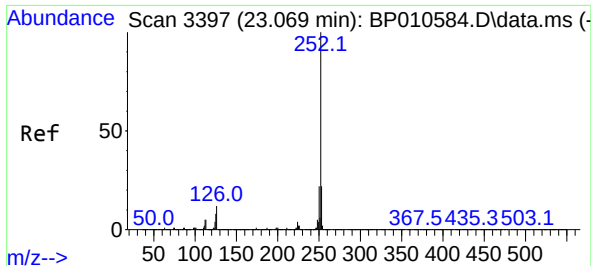


#88
Benzo(b)fluoranthene
Concen: 21.822 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25



Tgt Ion: 252 Resp: 1057058
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.4 7.0 10.6





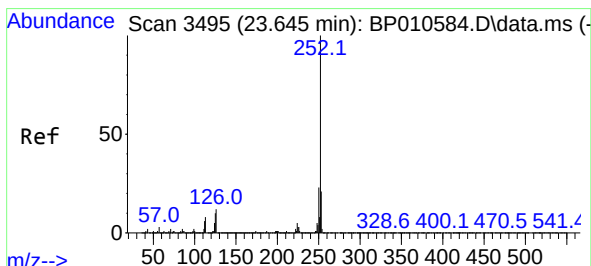
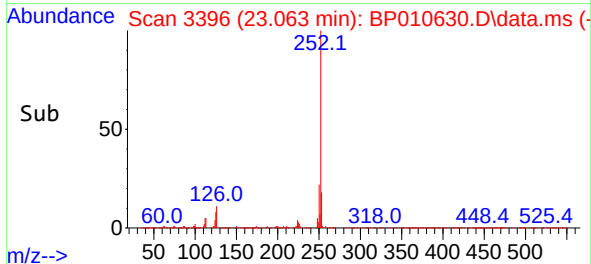
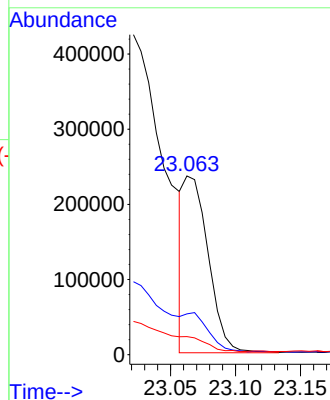
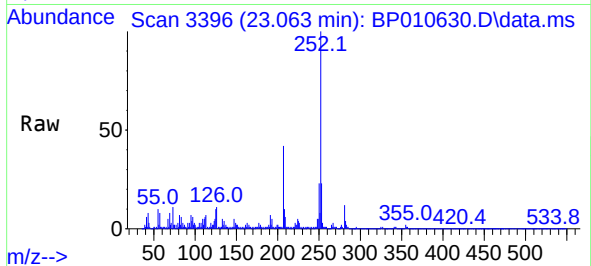
#89
Benzo(k)fluoranthene
Concen: 6.229 ng m
RT: 23.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion:252 Resp: 305860
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 10.1 7.0 10.4

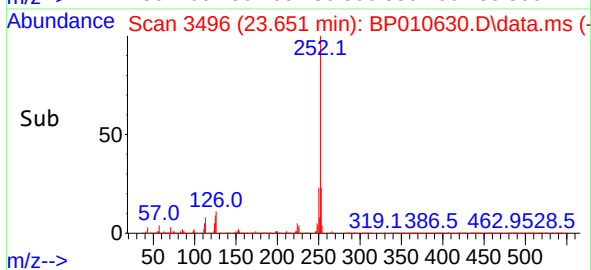
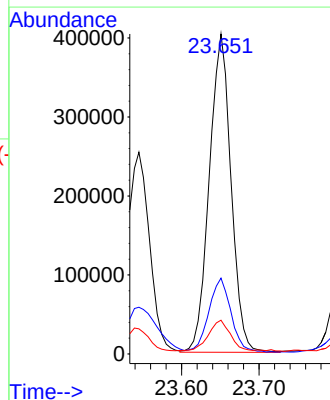
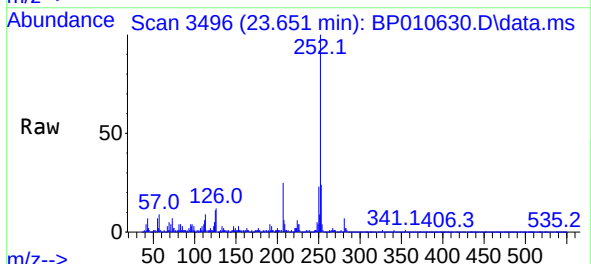
Manual Integrations
APPROVED

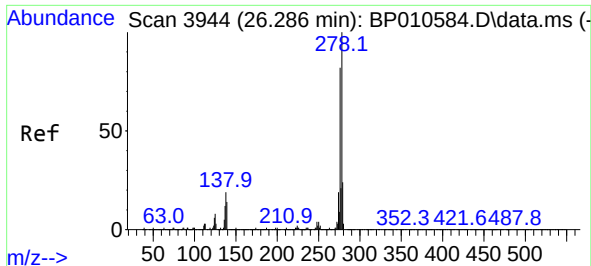
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 19.610 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.006 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:252 Resp: 785707
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 10.6 7.9 11.9





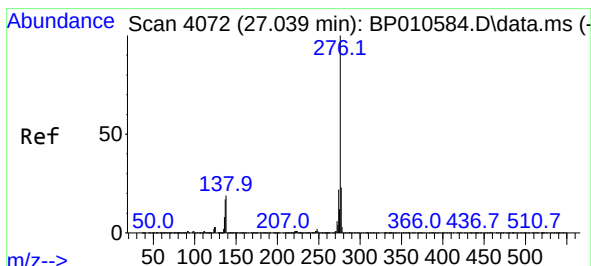
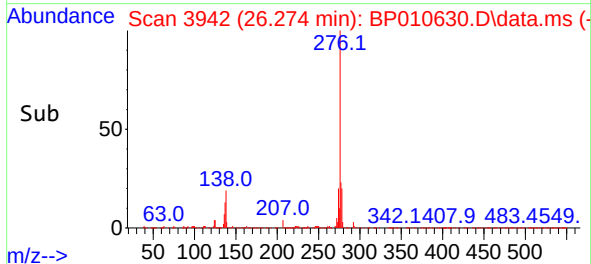
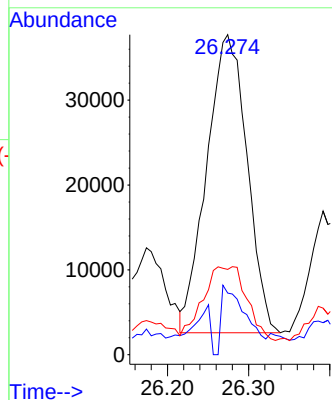
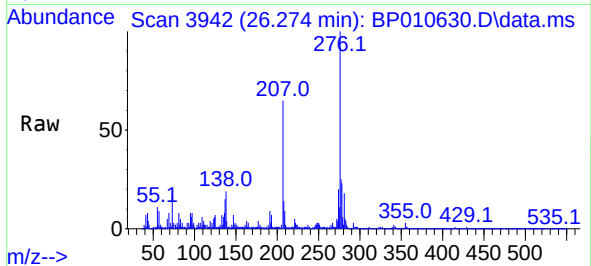
#91
Dibenzo(a,h)anthracene
Concen: 2.587 ng
RT: 26.274 min Scan# 3944
Delta R.T. -0.012 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Instrument :
BNA_P
ClientSampleId :
TP-01-COMPDL

Tgt Ion:278 Resp: 12133
Ion Ratio Lower Upper
278 100
139 19.2 11.4 17.0
279 26.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#92
Benzo(g,h,i)perylene
Concen: 11.126 ng
RT: 27.039 min Scan# 4072
Delta R.T. -0.000 min
Lab File: BP010630.D
Acq: 29 May 2022 21:25

Tgt Ion:276 Resp: 518854
Ion Ratio Lower Upper
276 100
277 26.5 18.7 28.1
138 17.8 15.2 22.8

