

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013637.D
 Acq On : 28 Jan 2023 02:14
 Operator : CG/JU
 Sample : 01283-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-H

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:57:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	195151	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	692066	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	417512	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	949063	20.000	ng	0.00
76) Chrysene-d12	21.633	240	923282	20.000	ng	0.00
86) Perylene-d12	24.227	264	1092635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1285805	118.068	ng	0.00
7) Phenol-d6	7.305	99	1646832	111.941	ng	0.00
23) Nitrobenzene-d5	9.328	82	953518	75.706	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	732807	115.283	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2269616	77.638	ng	0.00
79) Terphenyl-d14	20.080	244	3579720	68.418	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.516	152	175874	4.491	ng	99
71) Phenanthrene	17.592	178	103032	2.117	ng	99
72) Anthracene	17.680	178	111467	2.266	ng	98
75) Fluoranthene	19.539	202	389698	6.419	ng	98
78) Pyrene	19.892	202	422267	5.910	ng	100
81) Benzo(a)anthracene	21.616	228	348444m	5.359	ng	
83) Chrysene	21.668	228	311012	5.091	ng	96
84) Bis(2-ethylhexyl)phtha...	21.521	149	6469	3.790	ng	# 82
87) Indeno(1,2,3-cd)pyrene	26.962	276	604169	7.865	ng	# 95
88) Benzo(b)fluoranthene	23.427	252	711776	10.147	ng	# 95
89) Benzo(k)fluoranthene	23.474	252	226396m	3.251	ng	
90) Benzo(a)pyrene	24.110	252	561151	8.499	ng	95
91) Dibenzo(a,h)anthracene	26.980	278	148924	2.330	ng	# 85
92) Benzo(g,h,i)perylene	27.809	276	798240	12.684	ng	97

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

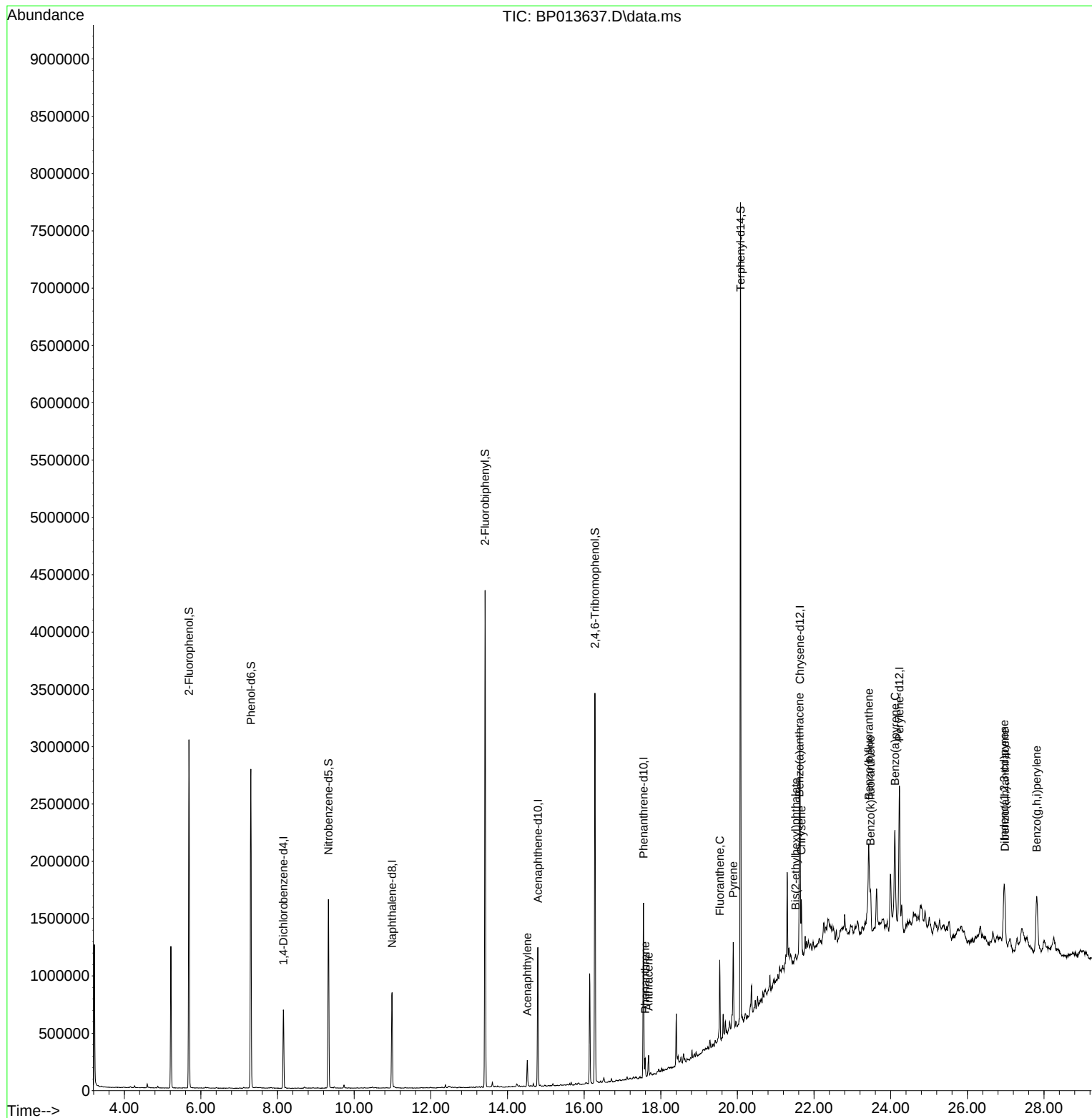
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013637.D
Acq On : 28 Jan 2023 02:14
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ALS Vial : 20 Sample Multiplier: 1

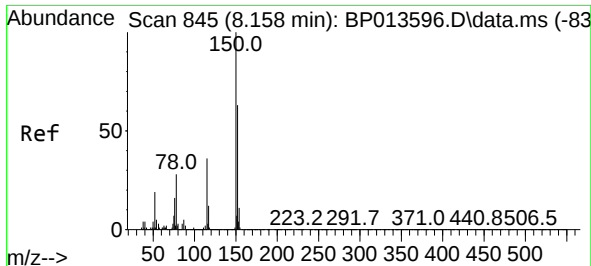
Instrument :
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Quant Time: Jan 29 23:57:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
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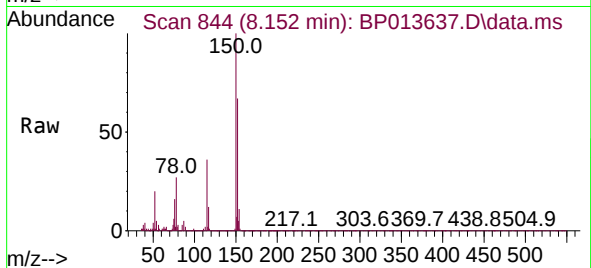
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

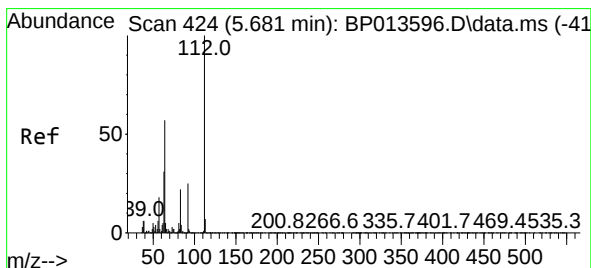
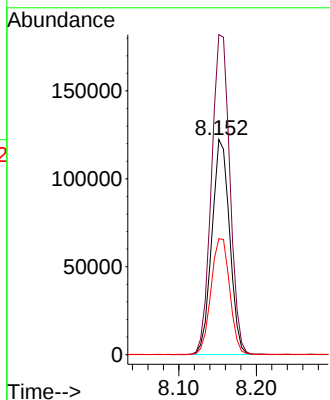
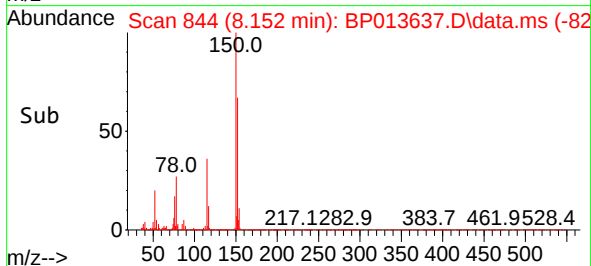
Instrument :
BNA_P
ClientSampleId :
TP-H



Tgt Ion:152 Resp: 195151
Ion Ratio Lower Upper
152 100
150 148.7 126.2 189.2
115 53.9 45.1 67.7

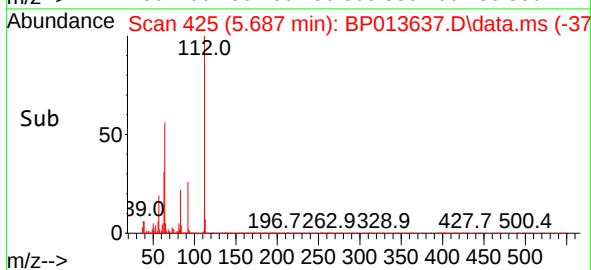
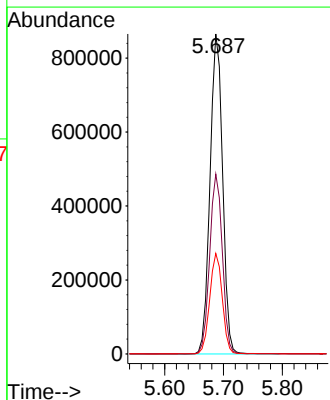
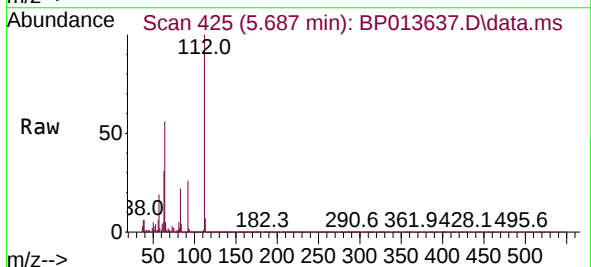
Manual Integrations
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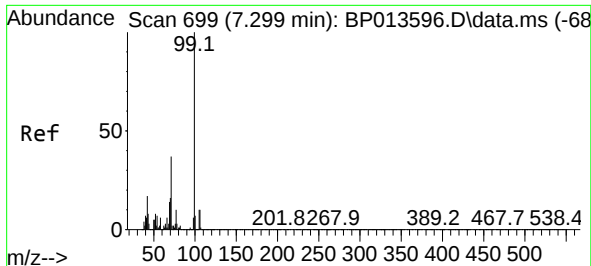
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#5
2-Fluorophenol
Concen: 118.068 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

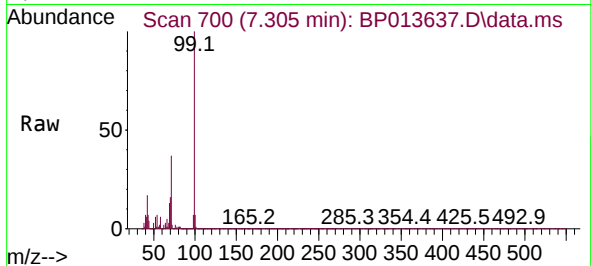
Tgt Ion:112 Resp: 1285805
Ion Ratio Lower Upper
112 100
64 56.2 45.5 68.3
63 31.4 25.1 37.7





#7
Phenol-d6
Concen: 111.941 ng
RT: 7.305 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

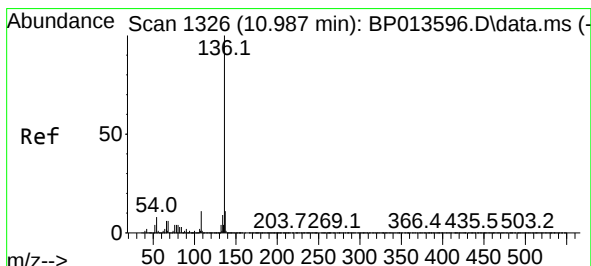
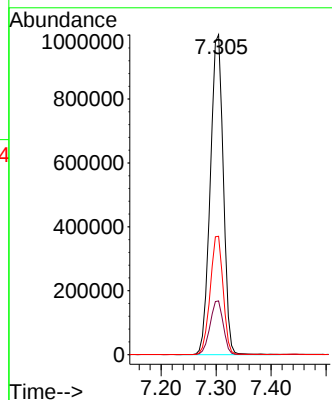
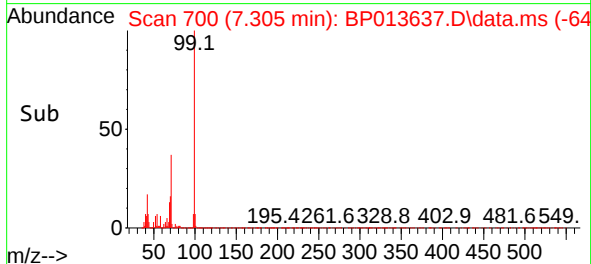
Instrument :
BNA_P
ClientSampleId :
TP-H



Tgt Ion: 99 Resp: 1646832
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 37.0 29.9 44.9

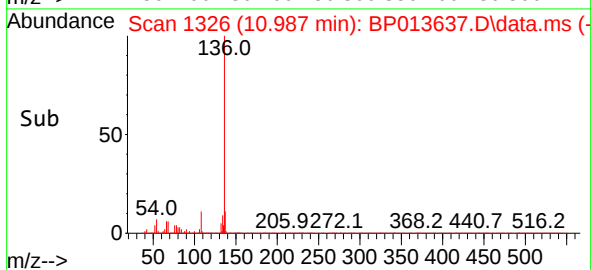
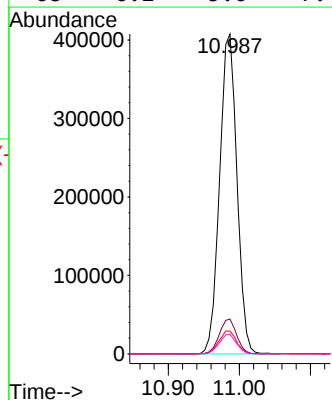
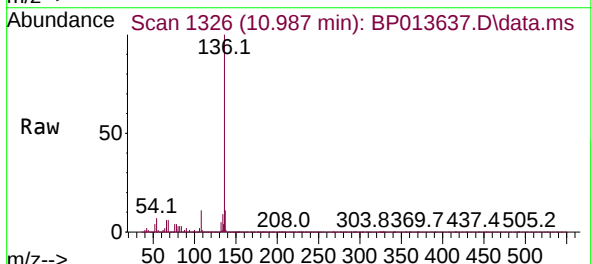
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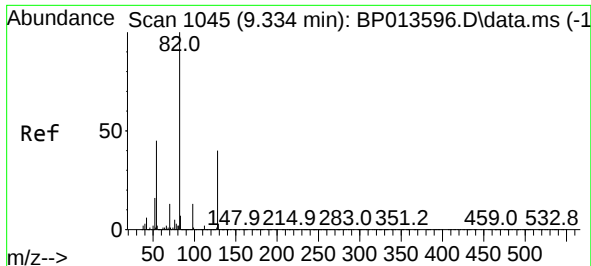
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

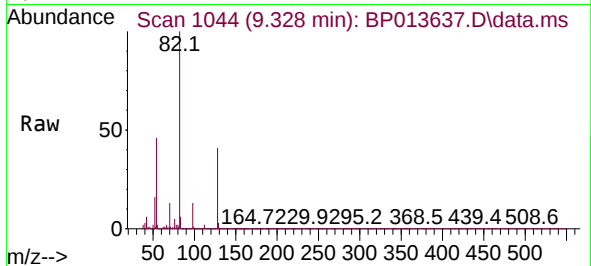
Tgt Ion:136 Resp: 692066
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 6.1 9.1
68 6.2 5.0 7.4





#23
Nitrobenzene-d5
Concen: 75.706 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

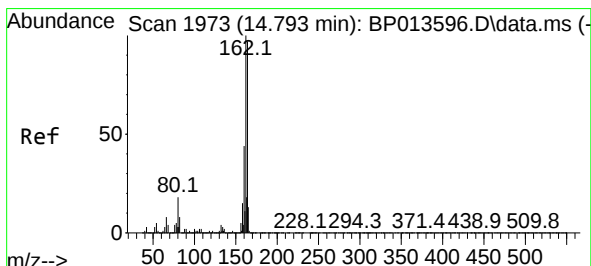
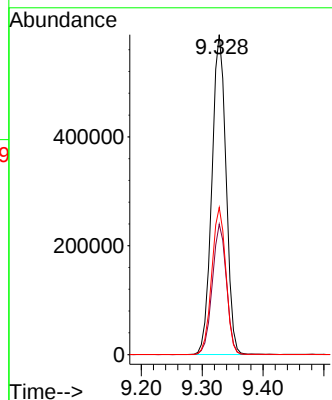
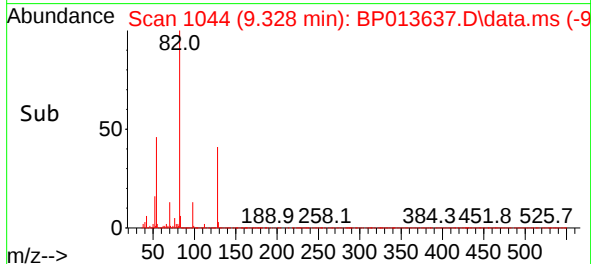
Instrument :
BNA_P
ClientSampleId :
TP-H



Tgt Ion: 82 Resp: 953518
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.8
54 46.0 36.2 54.2

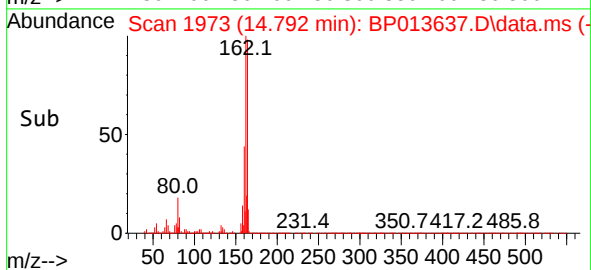
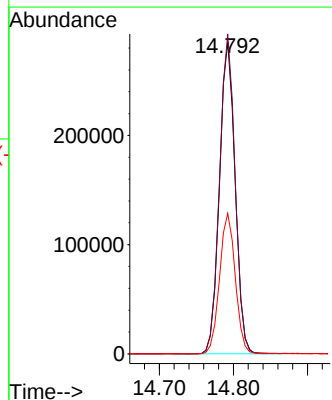
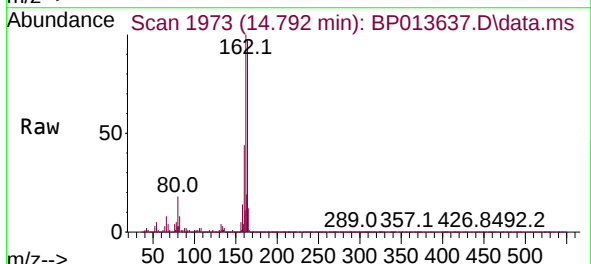
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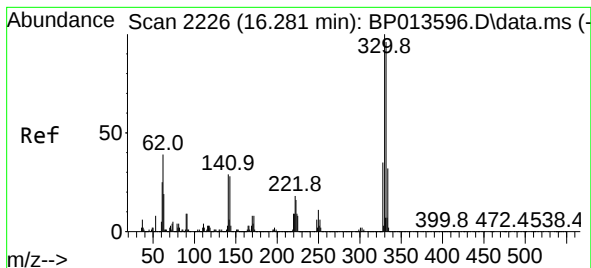
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:164 Resp: 417512
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.1 36.6 54.8





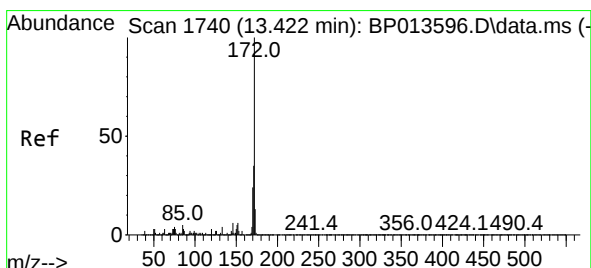
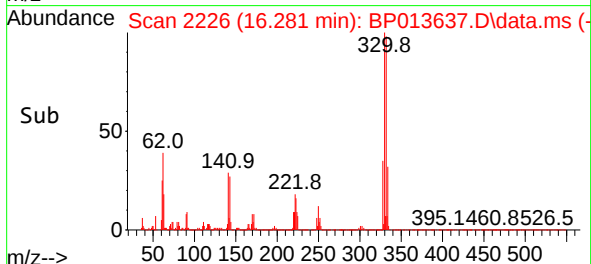
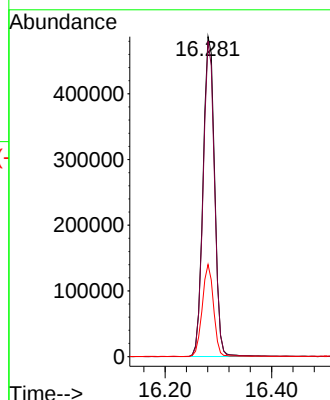
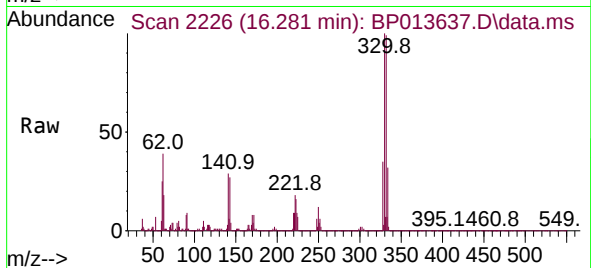
#42
2,4,6-Tribromophenol
Concen: 115.283 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Instrument :
BNA_P
ClientSampleId :
TP-H

Tgt Ion:330 Resp: 73280
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 28.0 23.3 34.9

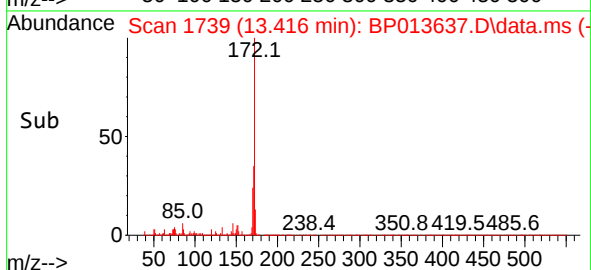
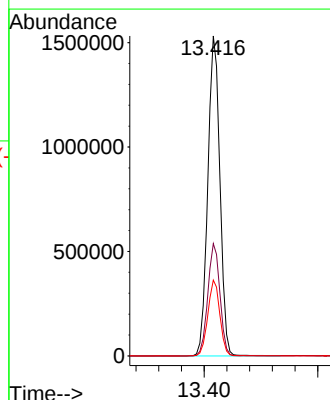
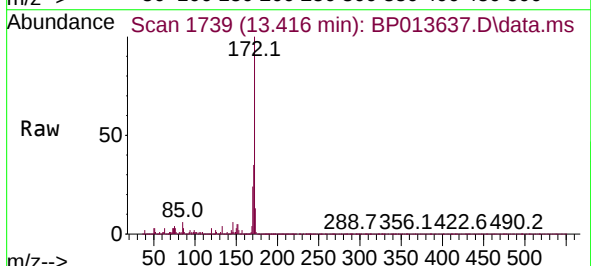
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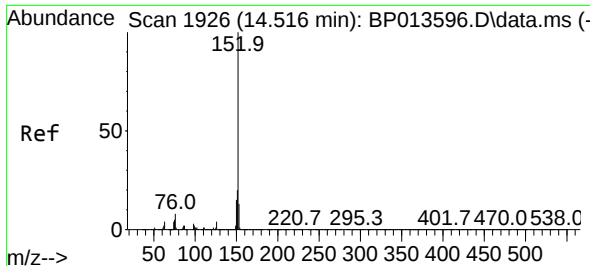
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#45
2-Fluorobiphenyl
Concen: 77.638 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

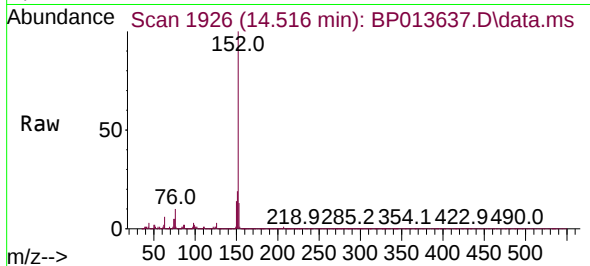
Tgt Ion:172 Resp: 2269616
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.1 28.7





#49
Acenaphthylene
Concen: 4.491 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

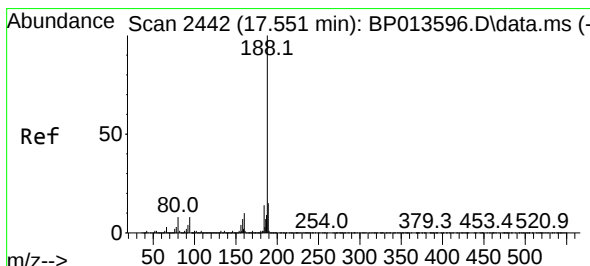
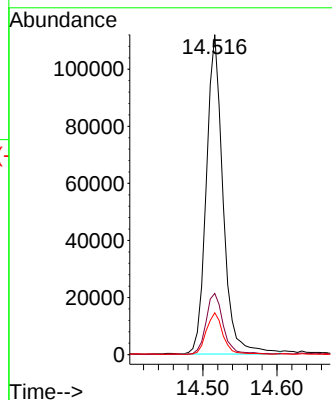
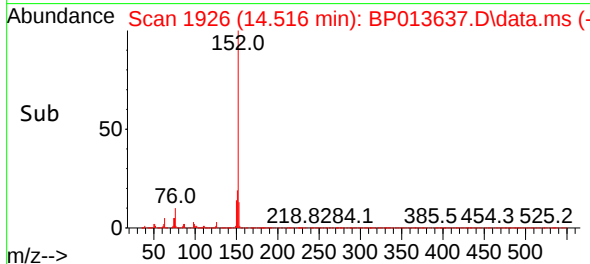
Instrument :
BNA_P
ClientSampleId :
TP-H



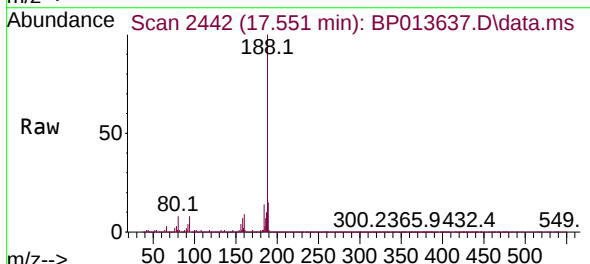
Tgt Ion:152 Resp: 175874
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 13.1 10.6 16.0

Manual Integrations
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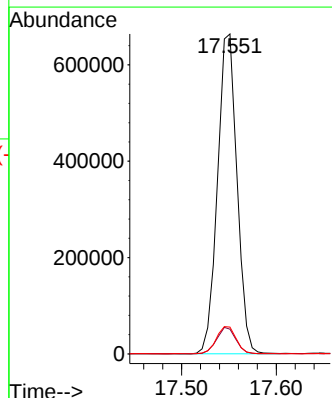
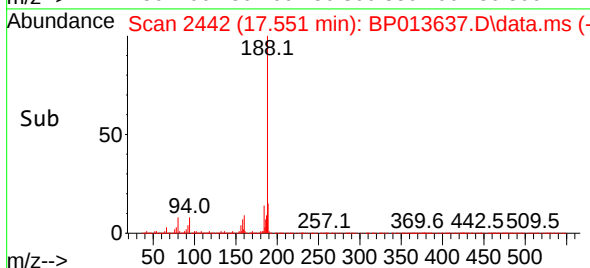
Reviewed By :Christian Giraldo 01/30/2023
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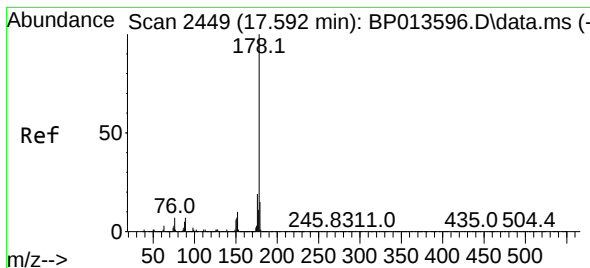


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14



Tgt Ion:188 Resp: 949063
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.4 6.6 10.0





#71

Phenanthrene

Concen: 2.117 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

Tgt Ion:178 Resp: 103032

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

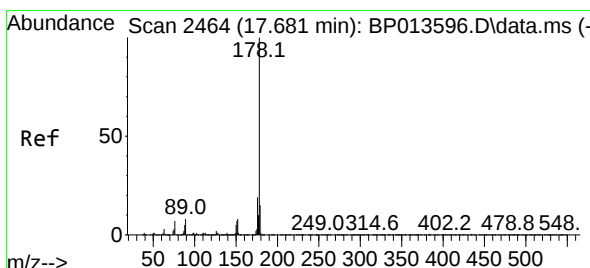
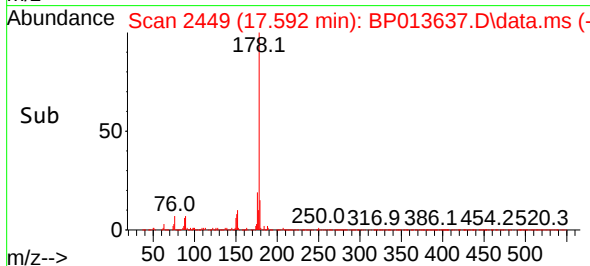
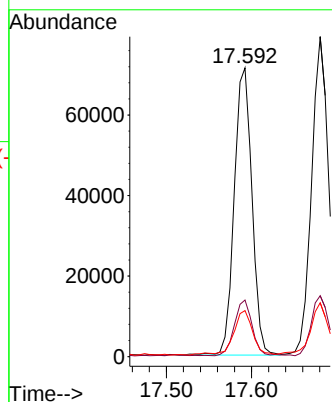
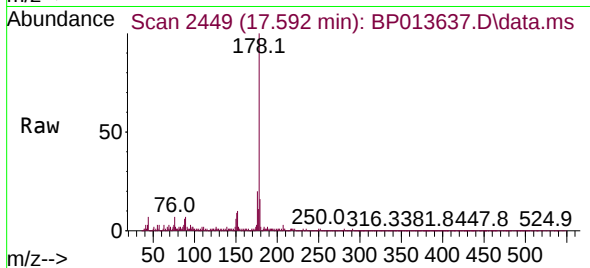
179 15.9 12.2 18.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/30/2023



#72

Anthracene

Concen: 2.266 ng

RT: 17.680 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

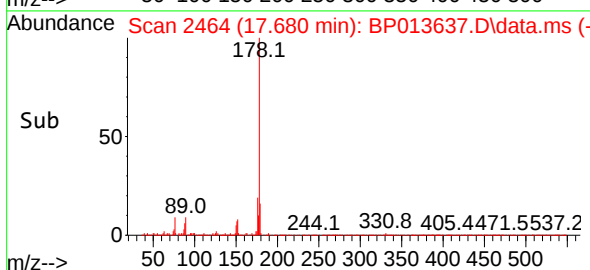
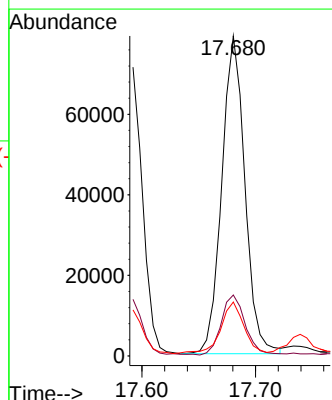
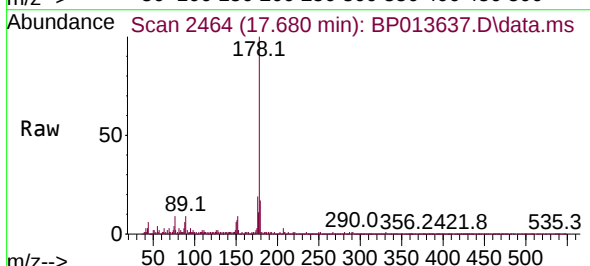
Tgt Ion:178 Resp: 111467

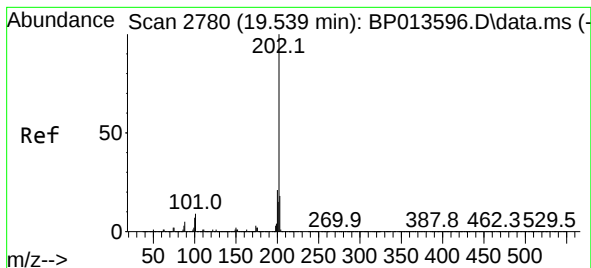
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 16.8 12.3 18.5





#75

Fluoranthene

Concen: 6.419 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

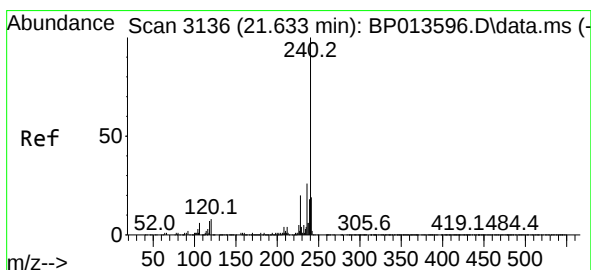
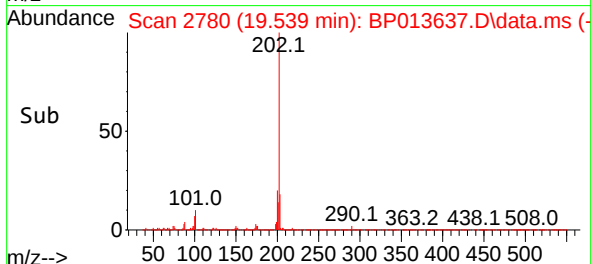
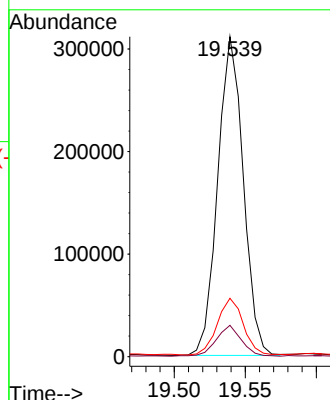
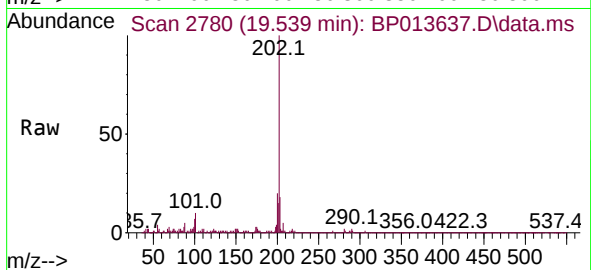
Tgt Ion:	202	Resp:	389698
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	28.9
203	18.2	0.0	37.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/30/2023



#76

Chrysene-d12

Concen: 20.000 ng

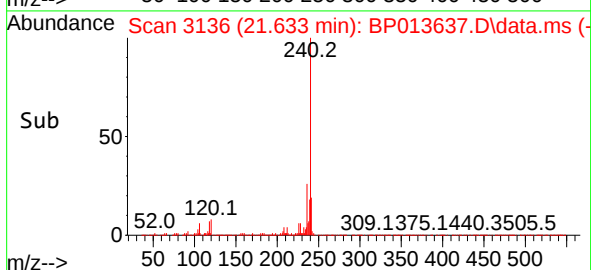
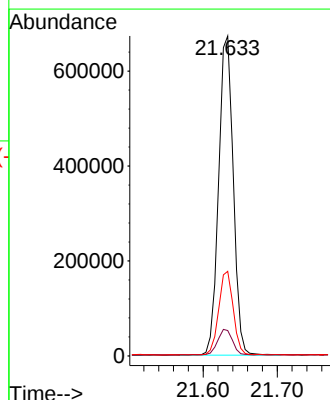
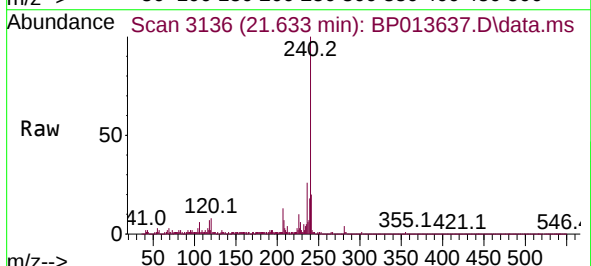
RT: 21.633 min Scan# 3136

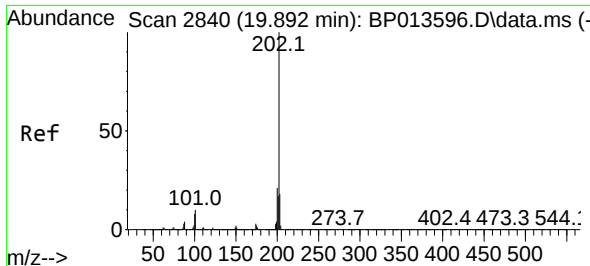
Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

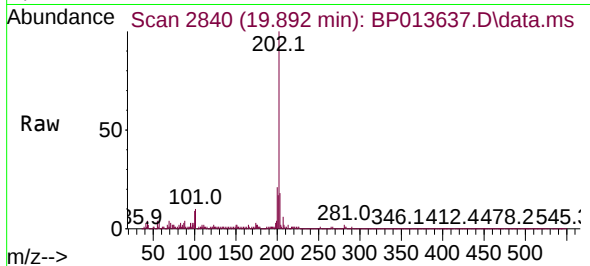
Tgt Ion:	240	Resp:	923282
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.7	10.1
236	26.4	20.7	31.1





#78
Pyrene
Concen: 5.910 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

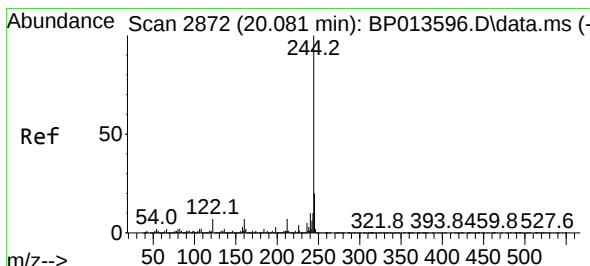
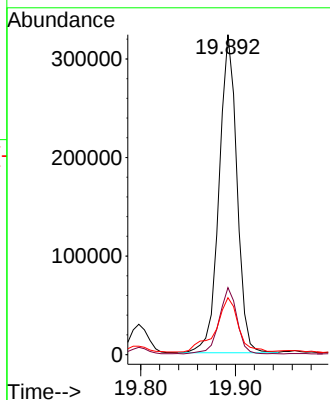
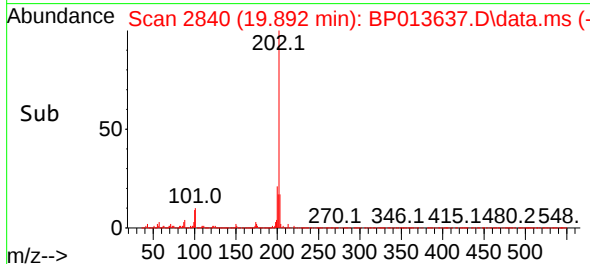
Instrument :
BNA_P
ClientSampleId :
TP-H



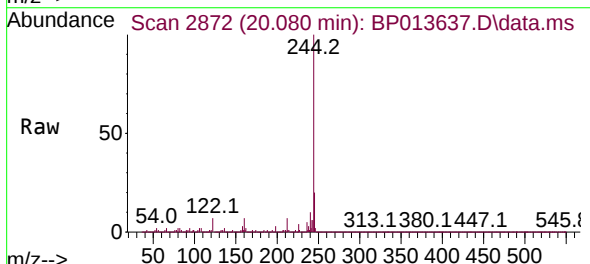
Tgt Ion:202 Resp: 422262
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.8 14.2 21.2

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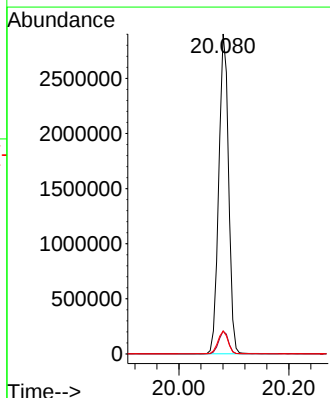
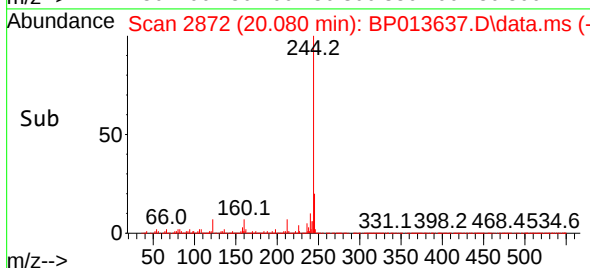
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

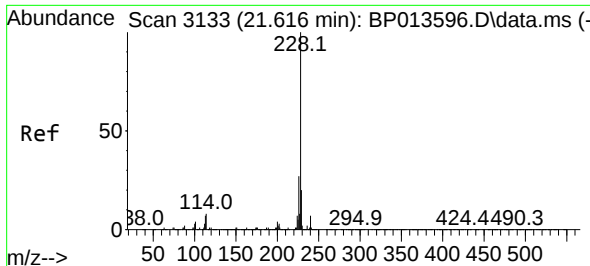


#79
Terphenyl-d14
Concen: 68.418 ng
RT: 20.080 min Scan# 2872
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14



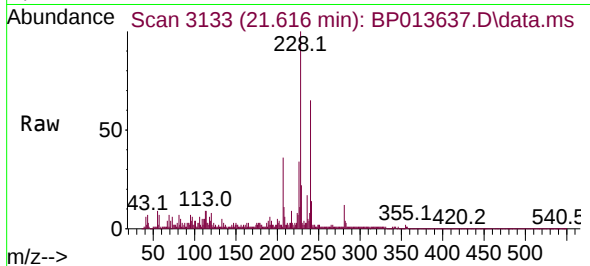
Tgt Ion:244 Resp: 3579720
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 7.2 5.3 7.9





#81
Benzo(a)anthracene
Concen: 5.359 ng m
RT: 21.616 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

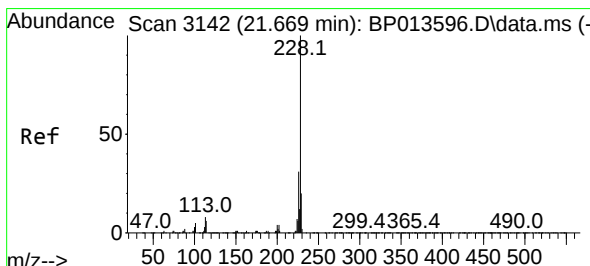
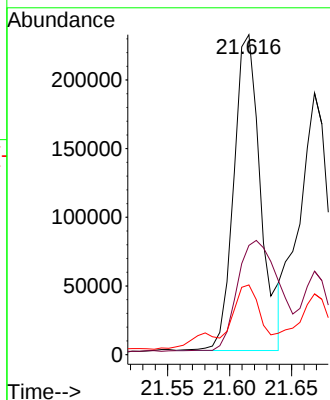
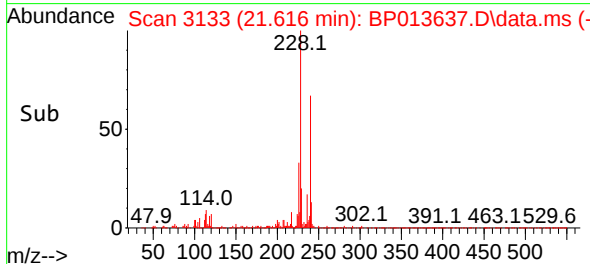
Instrument :
BNA_P
ClientSampleId :
TP-H



Tgt Ion:228 Resp: 348444
Ion Ratio Lower Upper
228 100
226 34.1 22.0 33.0
229 21.8 15.9 23.9

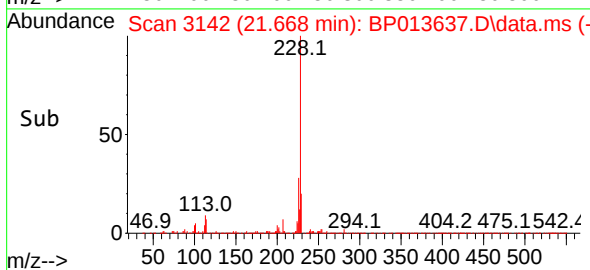
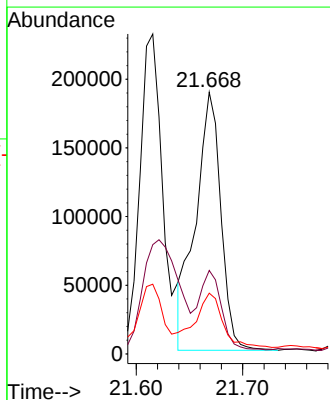
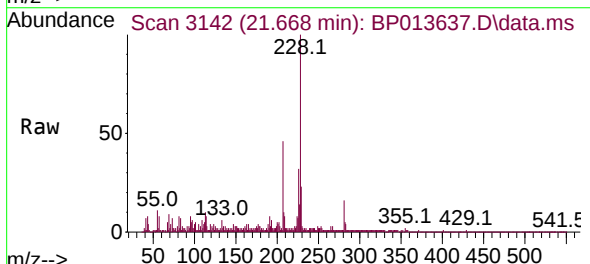
Manual Integrations
APPROVED

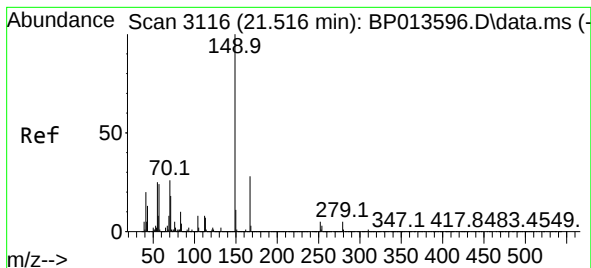
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#83
Chrysene
Concen: 5.091 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:228 Resp: 311012
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 23.2 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.790 ng

RT: 21.521 min Scan# 3116

Delta R.T. 0.005 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

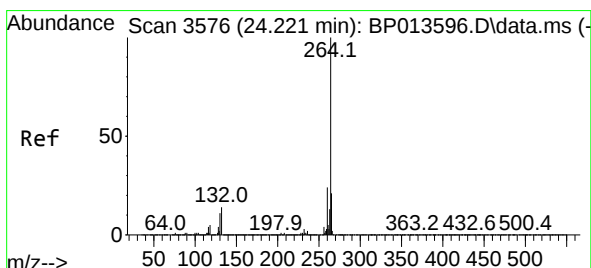
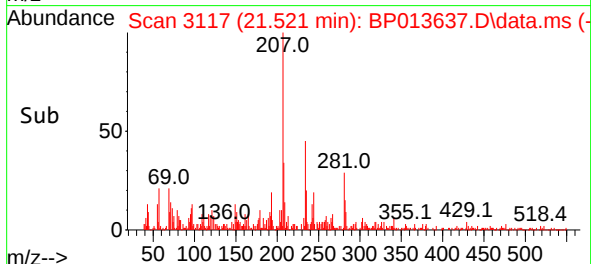
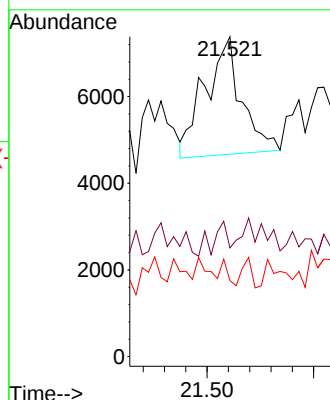
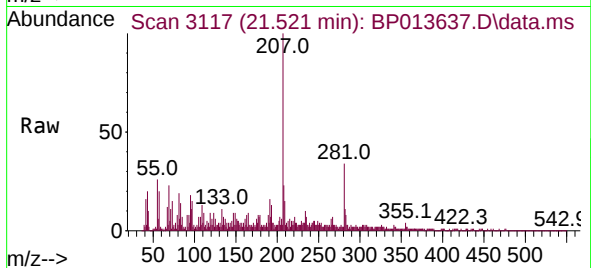
TP-H

Tgt Ion:	149	Resp:	6469
Ion Ratio	Lower	Upper	
149	100		
167	34.0	22.2	33.4
279	23.7	3.8	5.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86

Perylene-d12

Concen: 20.000 ng

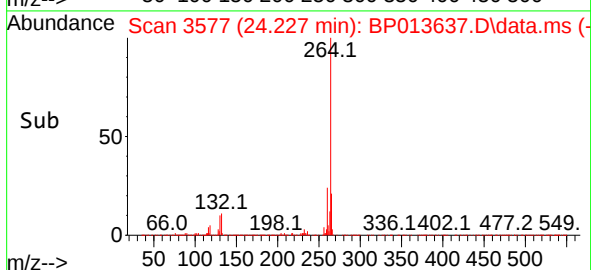
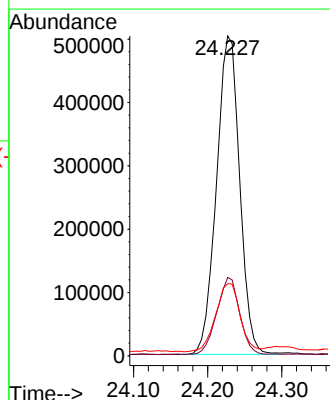
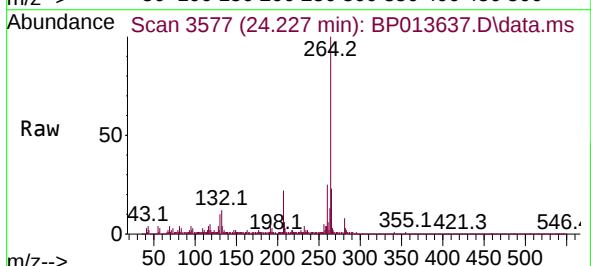
RT: 24.227 min Scan# 3577

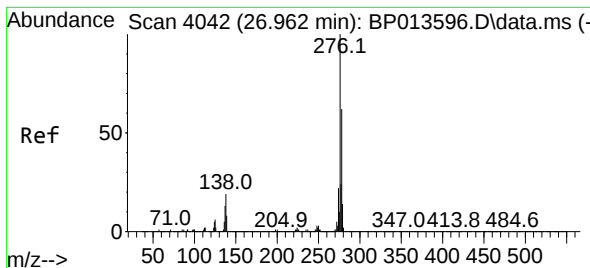
Delta R.T. 0.006 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Tgt Ion:	264	Resp:	1092635
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	22.6	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.865 ng

RT: 26.962 min Scan# 4042

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

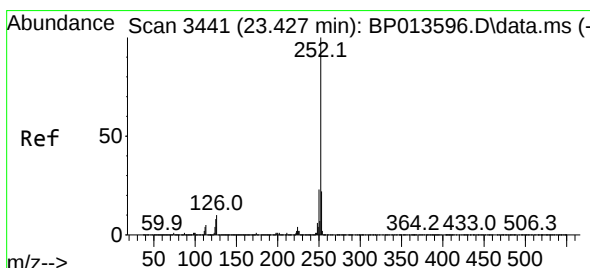
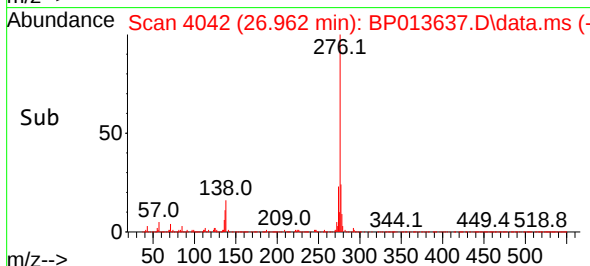
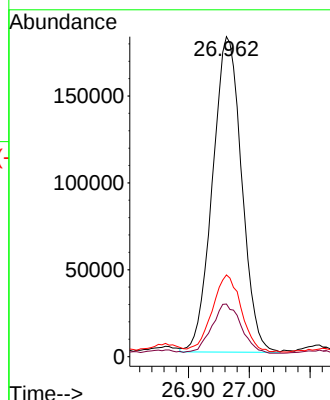
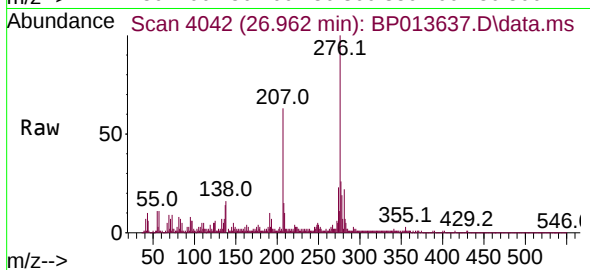
Tgt Ion:	276	Resp:	604169
Ion Ratio	Lower	Upper	
276	100		
138	15.7	16.4	24.6
277	24.4	20.2	30.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#88

Benzo(b)fluoranthene

Concen: 10.147 ng

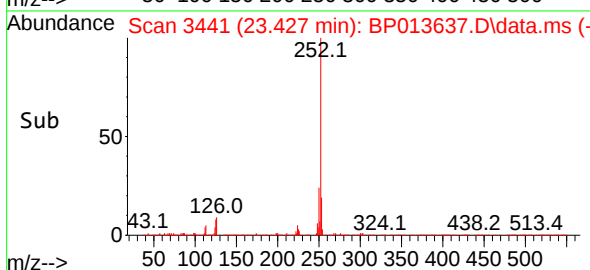
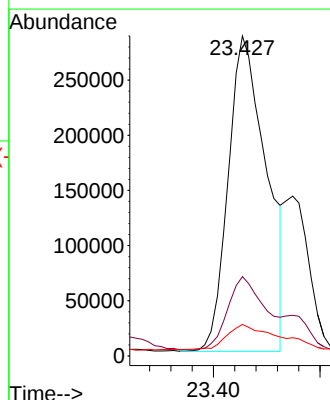
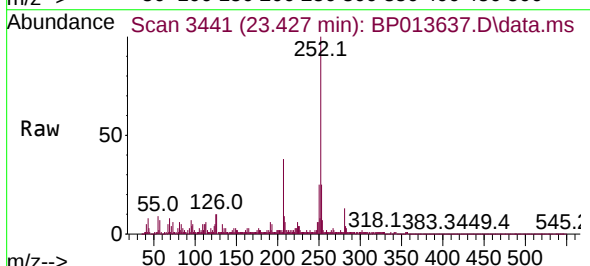
RT: 23.427 min Scan# 3441

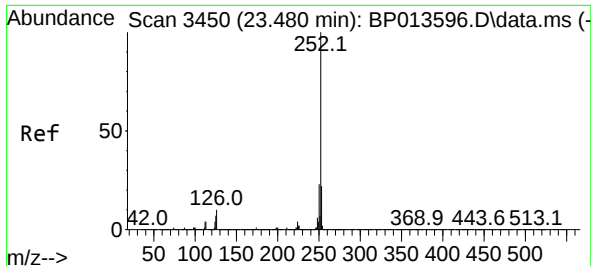
Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Tgt Ion:	252	Resp:	711776
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.8
125	9.9	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 3.251 ng m

RT: 23.474 min Scan# 3449

Delta R.T. -0.006 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

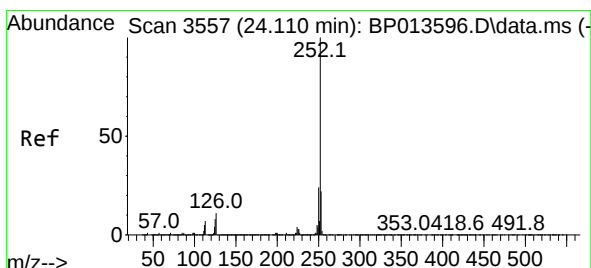
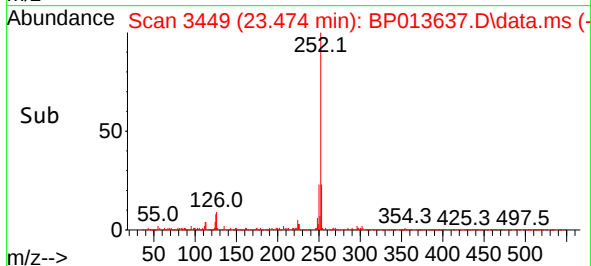
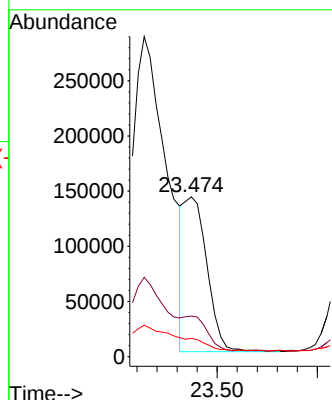
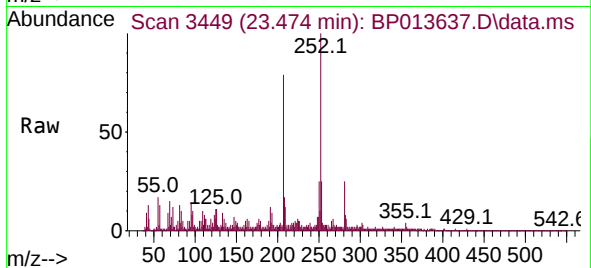
Tgt Ion:252 Resp: 226396

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	11.4	5.9	8.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#90

Benzo(a)pyrene

Concen: 8.499 ng

RT: 24.110 min Scan# 3557

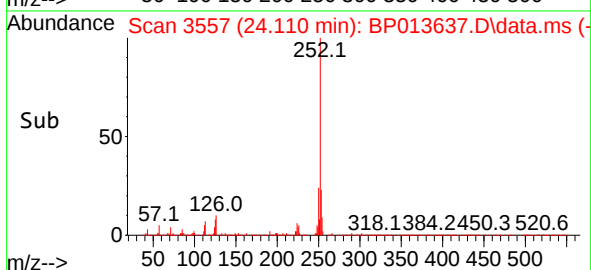
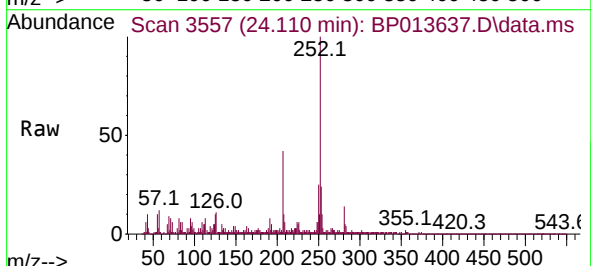
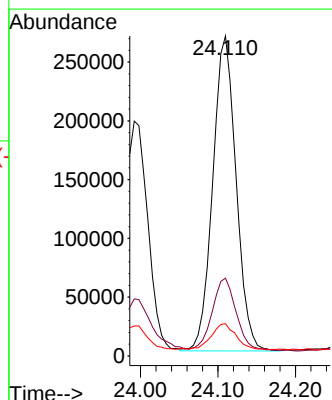
Delta R.T. -0.000 min

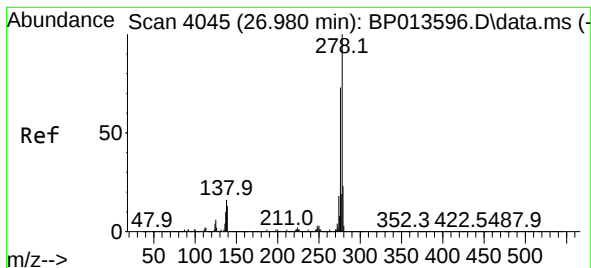
Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Tgt Ion:252 Resp: 561151

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	10.1	6.8	10.2





#91

Dibenzo(a,h)anthracene

Concen: 2.330 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

Tgt Ion: 278 Resp: 148924

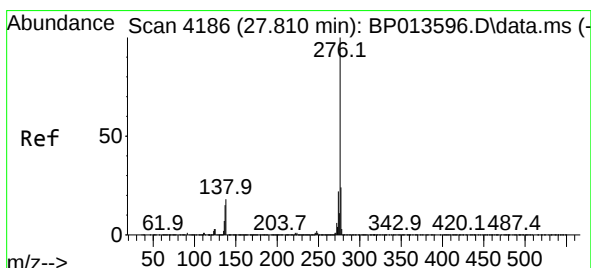
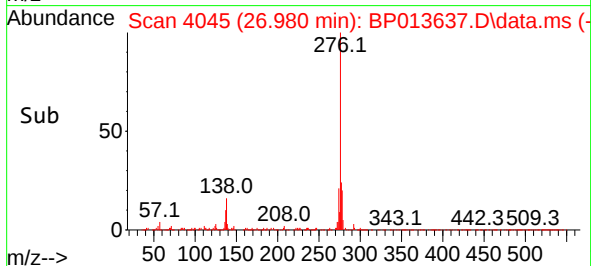
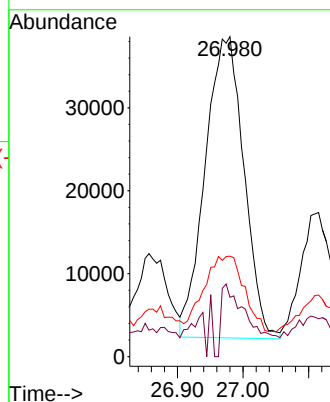
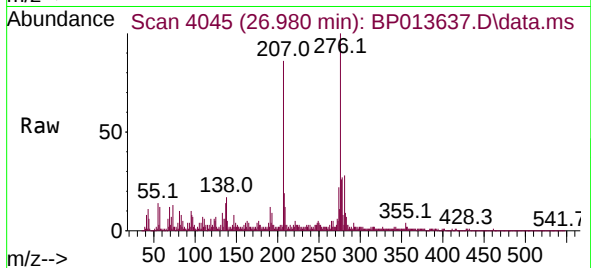
Ion	Ratio	Lower	Upper
278	100		
139	18.5	10.6	15.8
279	31.4	18.7	28.1

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/30/2023

Supervised By : Jagrut Upadhyay 01/30/2023



#92

Benzo(g,h,i)perylene

Concen: 12.684 ng

RT: 27.809 min Scan# 4186

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Tgt Ion: 276 Resp: 798240

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	16.6	14.3	21.5

