

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013654.D
 Acq On : 30 Jan 2023 20:18
 Operator : CG/JU
 Sample : 01328-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3-BORING-1-14-23

Quant Time: Jan 31 04:43:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 04:38:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	201028	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	734191	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	452972	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	1015145	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1075635	20.000	ng	-0.01
86) Perylene-d12	24.192	264	1354854	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1655313	147.554	ng	0.00
7) Phenol-d6	7.293	99	2005269	132.321	ng	0.00
23) Nitrobenzene-d5	9.322	82	1276466	95.532	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1015635	147.269	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	3260804	102.813	ng	0.00
79) Terphenyl-d14	20.063	244	5730597	94.014	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.463	149	24300	4.091	ng	97
80) Butylbenzylphthalate	20.733	149	13644	6.420	ng	94
84) Bis(2-ethylhexyl)phtha...	21.498	149	35082	5.535	ng	# 94
88) Benzo(b)fluoranthene	23.398	252	250142m	2.876	ng	
89) Benzo(k)fluoranthene	23.445	252	256125	2.966	ng	99
90) Benzo(a)pyrene	24.074	252	183636	2.243	ng	# 95

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

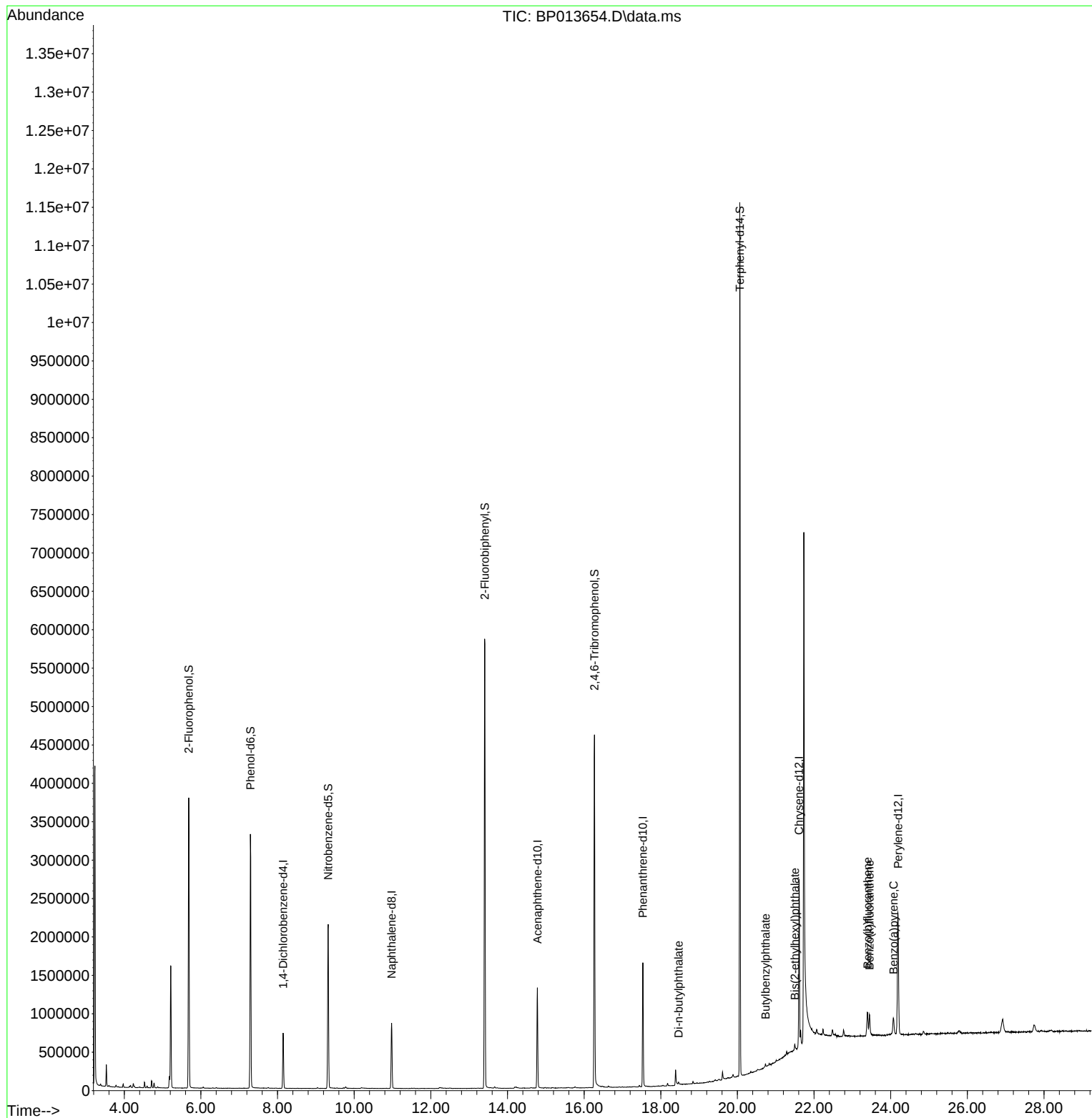
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013654.D
Acq On : 30 Jan 2023 20:18
Operator : CG/JU
Sample : 01328-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

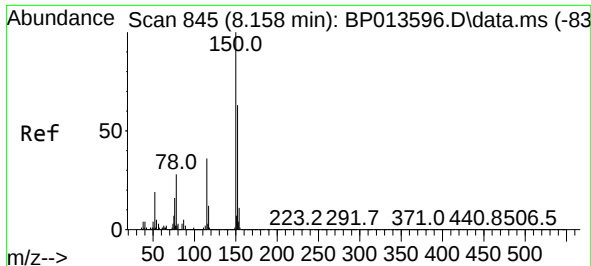
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

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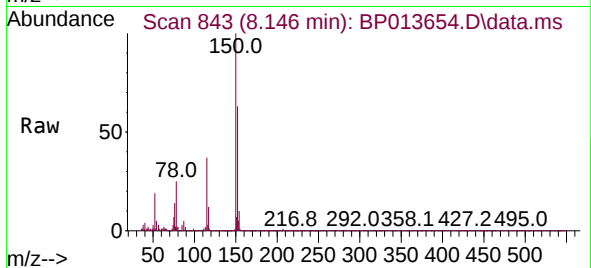
Quant Time: Jan 31 04:43:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 04:38:43 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

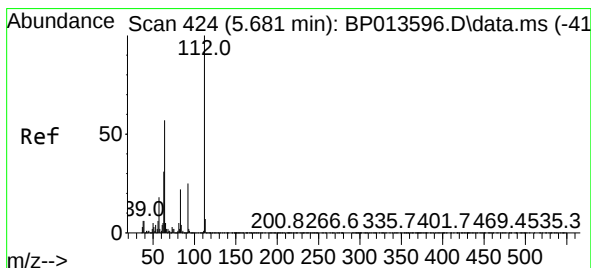
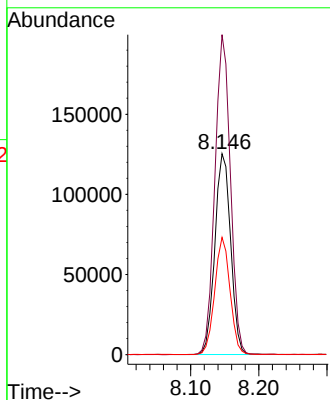
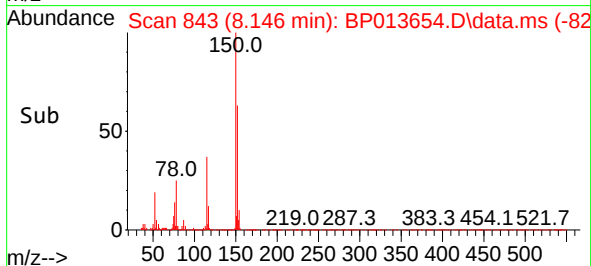
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



Tgt Ion:152 Resp: 201028
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 58.3 45.1 67.7

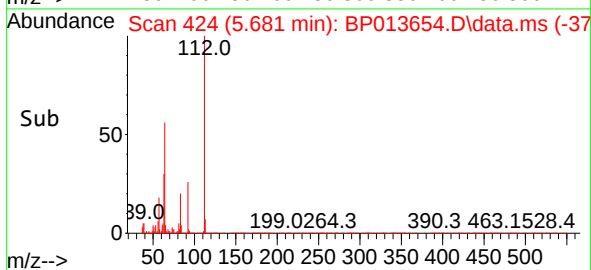
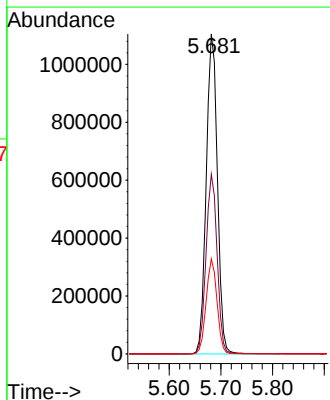
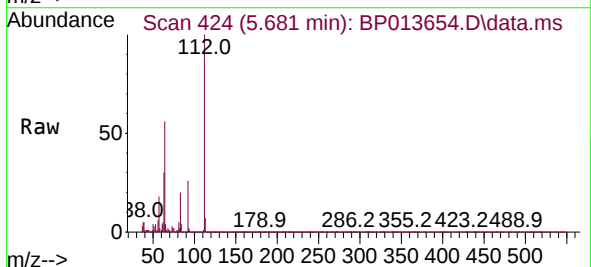
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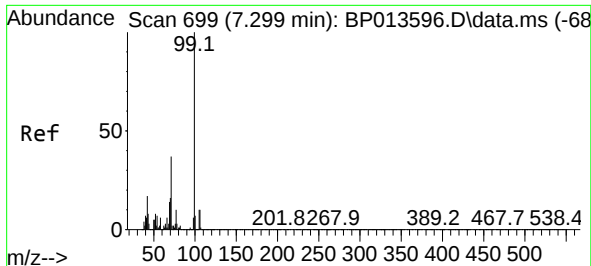
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#5
2-Fluorophenol
Concen: 147.554 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

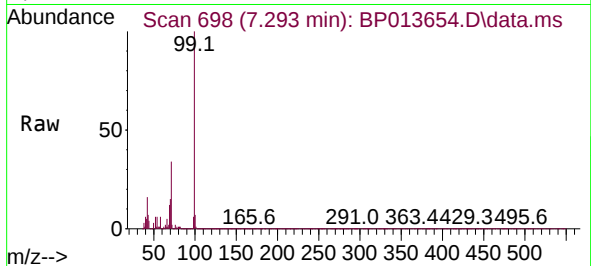
Tgt Ion:112 Resp: 1655313
Ion Ratio Lower Upper
112 100
64 56.1 45.5 68.3
63 29.7 25.1 37.7





#7
Phenol-d6
Concen: 132.321 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

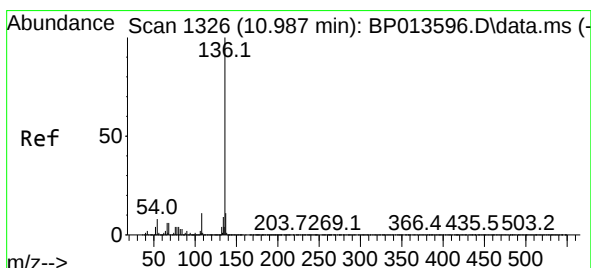
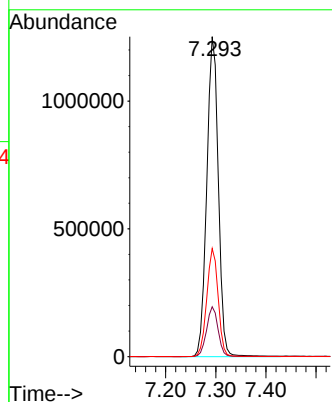
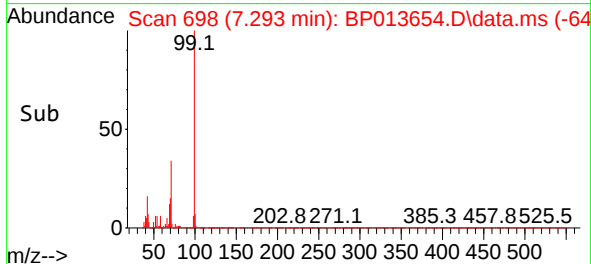
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



Tgt Ion: 99 Resp: 2005269
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 33.8 29.9 44.9

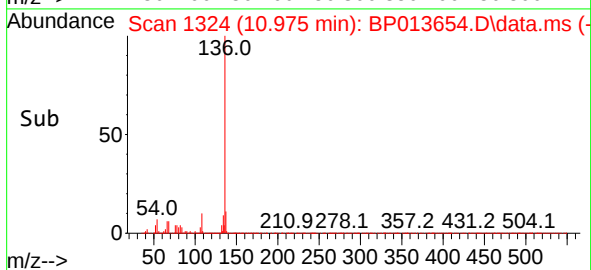
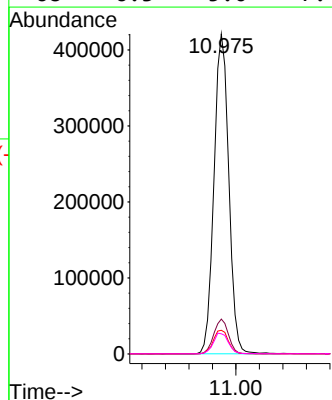
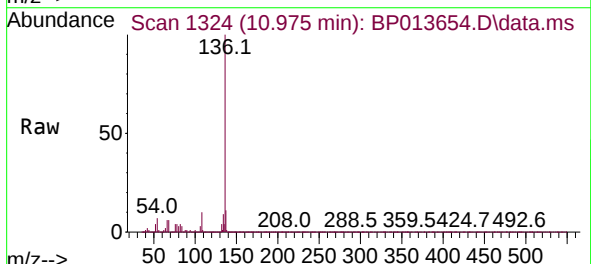
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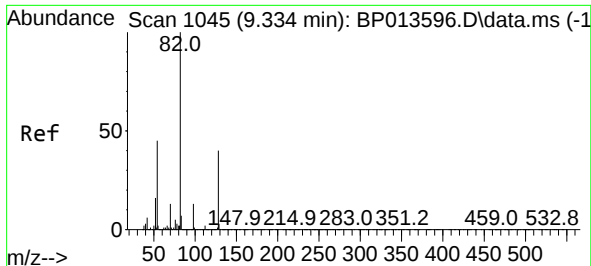
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

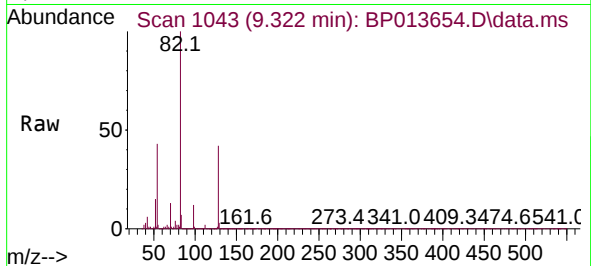
Tgt Ion:136 Resp: 734191
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 6.1 9.1
68 6.3 5.0 7.4





#23
Nitrobenzene-d5
Concen: 95.532 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

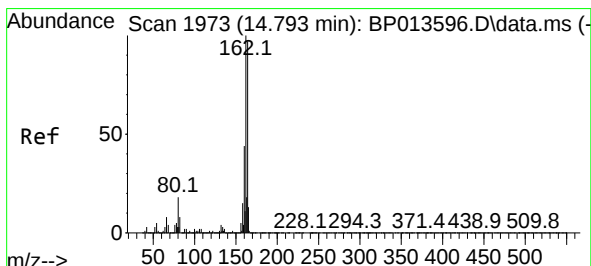
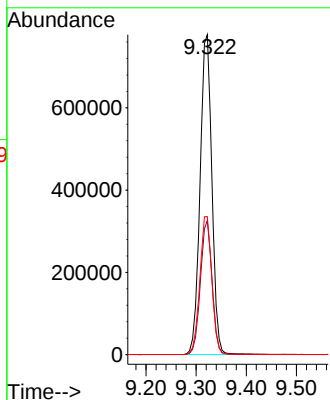
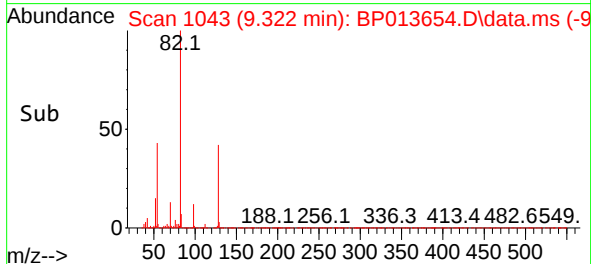
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



Tgt Ion: 82 Resp: 1276466
Ion Ratio Lower Upper
82 100
128 41.9 31.8 47.8
54 43.1 36.2 54.2

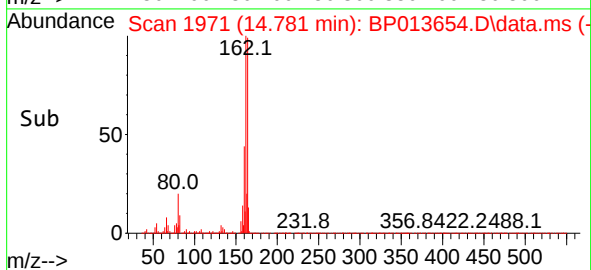
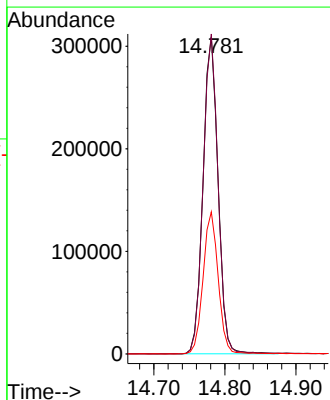
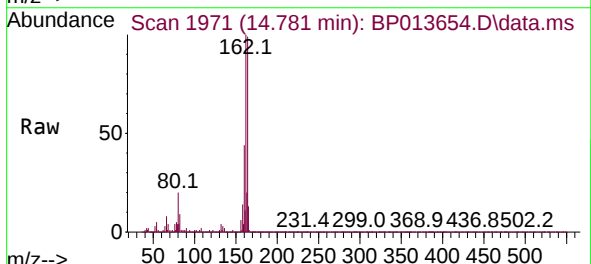
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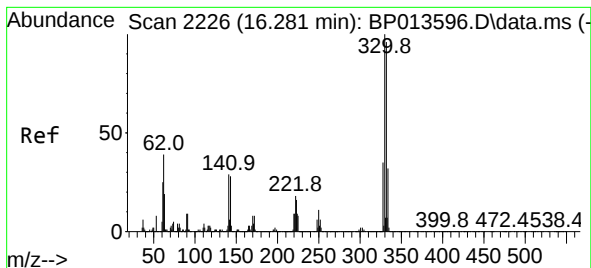
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:164 Resp: 452972
Ion Ratio Lower Upper
164 100
162 100.9 82.3 123.5
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 147.269 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23

Tgt Ion:330 Resp: 1015635

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.4

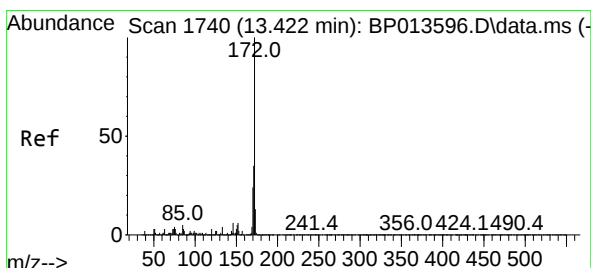
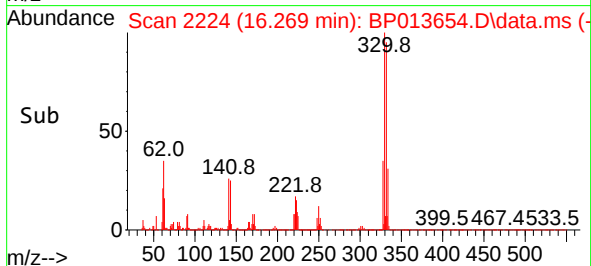
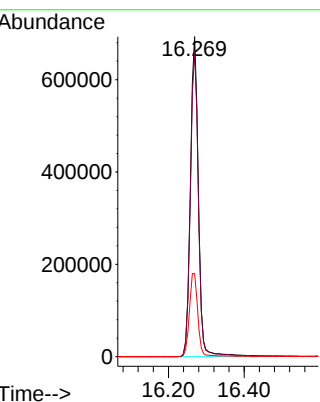
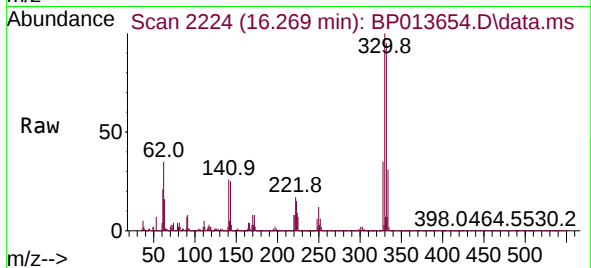
141 27.5 23.3 34.9

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#45

2-Fluorobiphenyl

Concen: 102.813 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

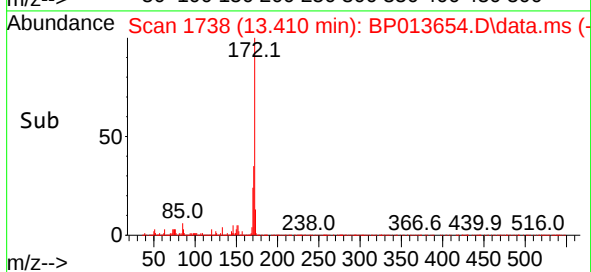
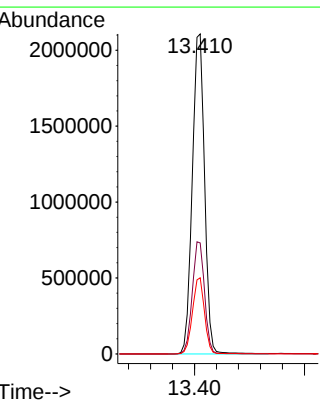
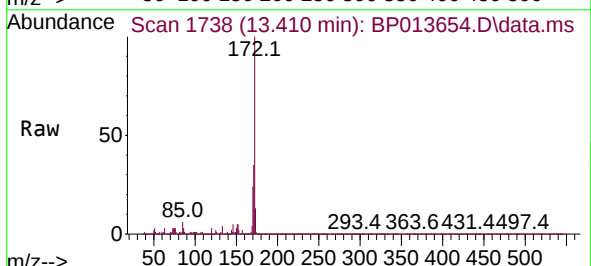
Tgt Ion:172 Resp: 3260804

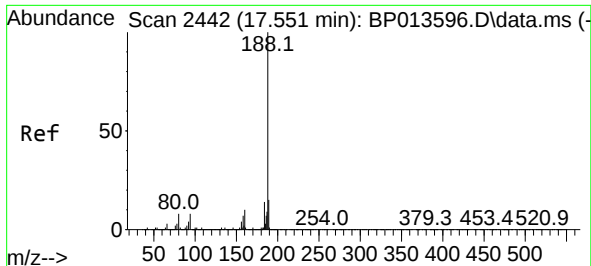
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

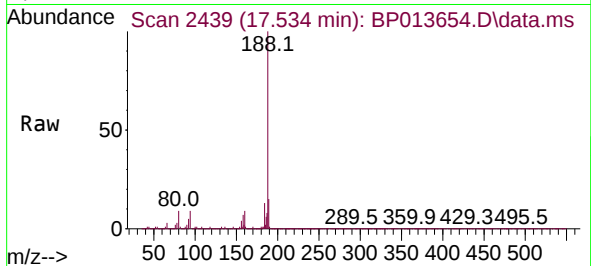
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

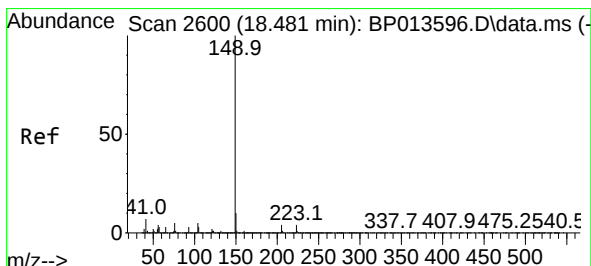
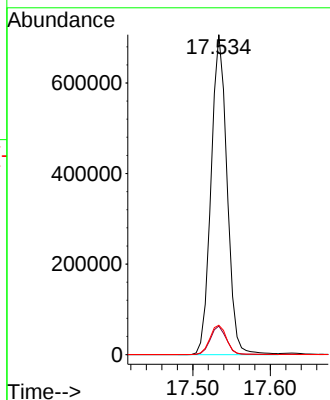
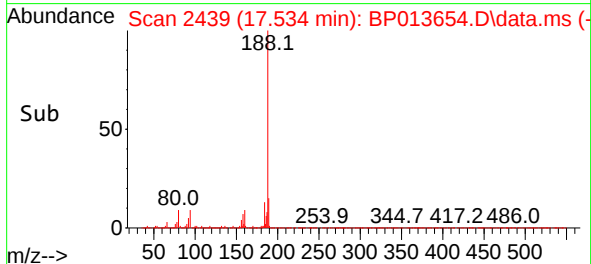
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



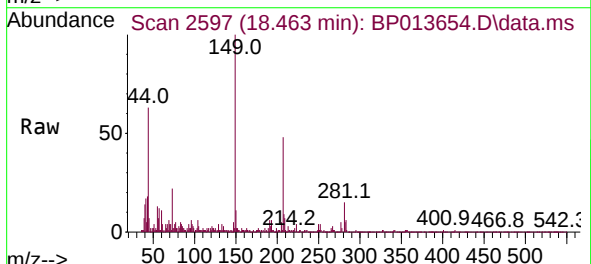
Tgt Ion:188 Resp: 1015145
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 9.2 6.6 10.0

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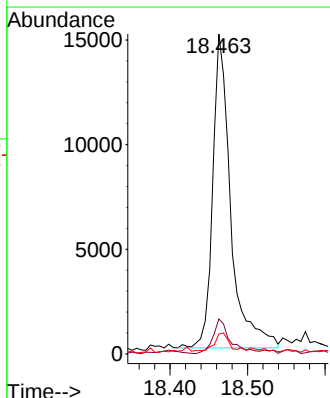
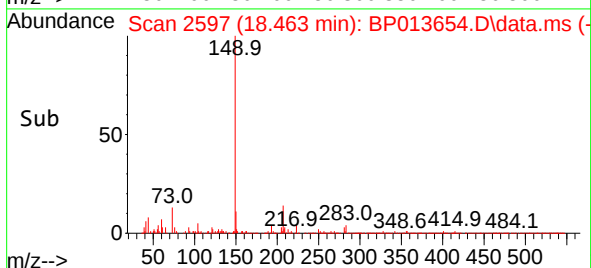
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

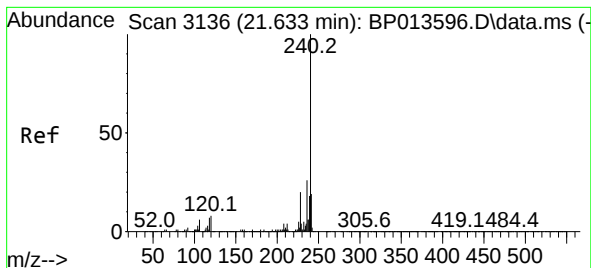


#74
Di-n-butylphthalate
Concen: 4.091 ng
RT: 18.463 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18



Tgt Ion:149 Resp: 24300
Ion Ratio Lower Upper
149 100
150 10.9 7.6 11.4
104 6.2 4.4 6.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23

Tgt Ion:240 Resp: 1075635

Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

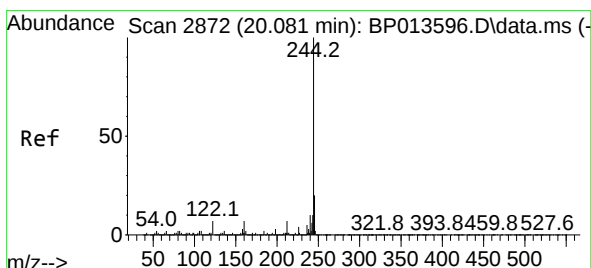
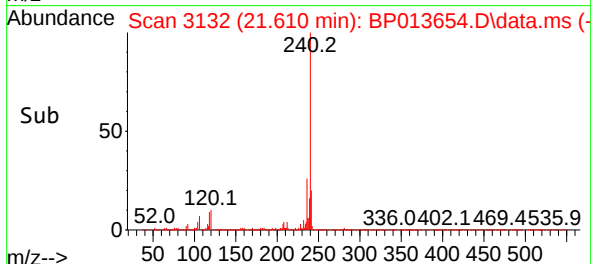
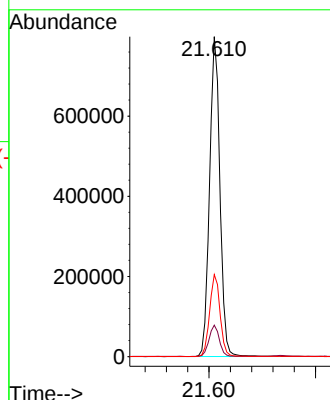
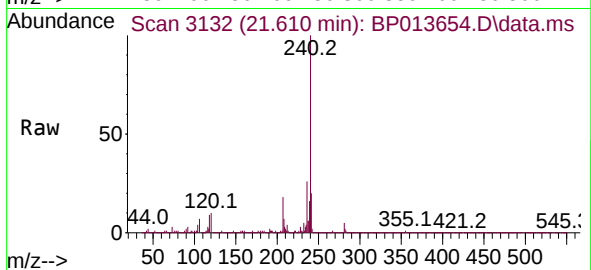
236 25.6 20.7 31.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 94.014 ng

RT: 20.063 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

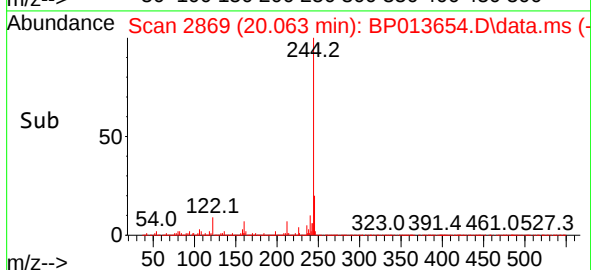
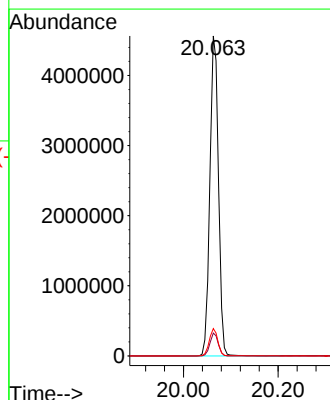
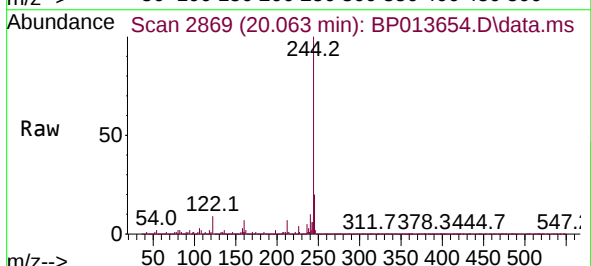
Tgt Ion:244 Resp: 5730597

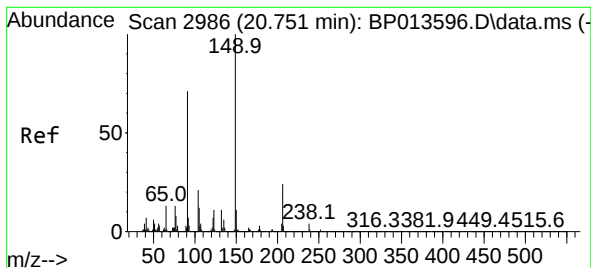
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.5 5.3 7.9#





#80

Butylbenzylphthalate

Concen: 6.420 ng

RT: 20.733 min Scan# 29

Delta R.T. -0.006 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23

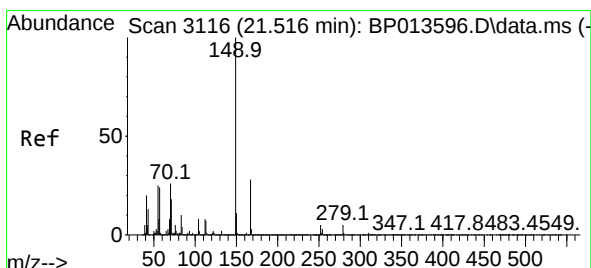
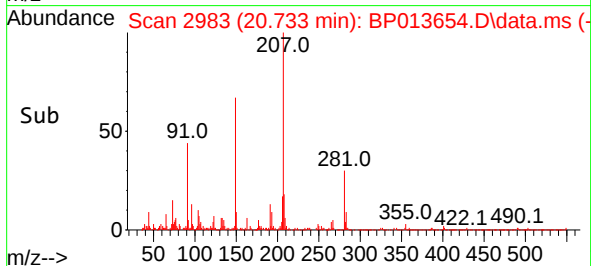
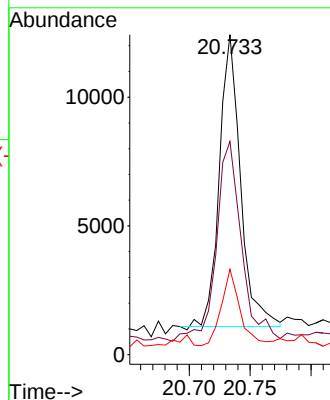
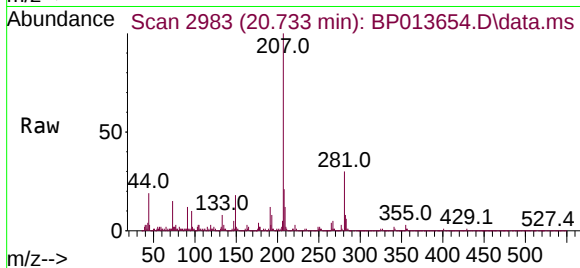
Tgt Ion:	149	Resp:	1364
Ion Ratio	Lower	Upper	
149	100		
91	66.6	57.0	85.6
206	26.7	19.0	28.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.535 ng

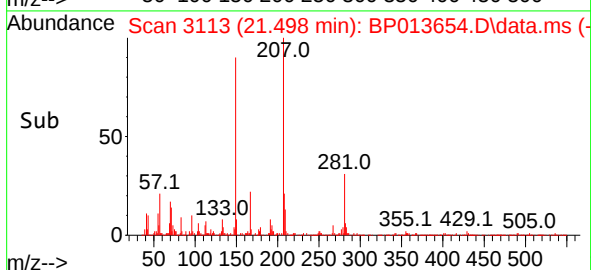
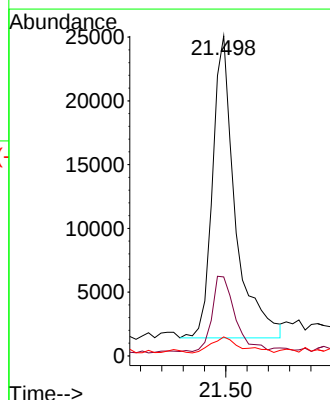
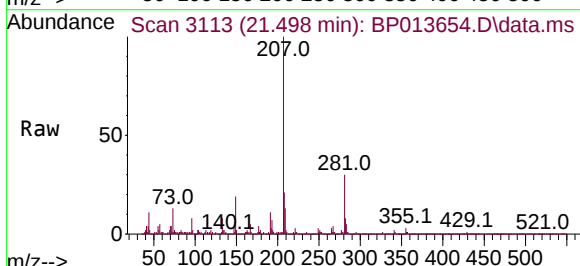
RT: 21.498 min Scan# 3113

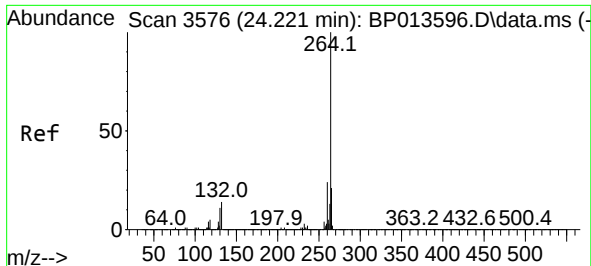
Delta R.T. -0.006 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

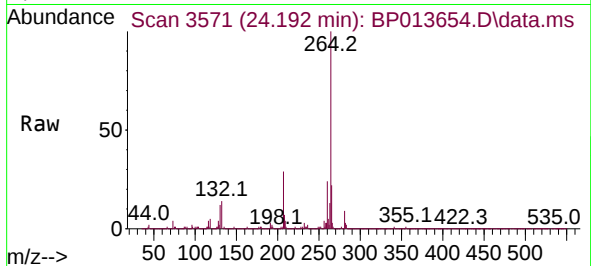
Tgt Ion:	149	Resp:	35082
Ion Ratio	Lower	Upper	
149	100		
167	24.7	22.2	33.4
279	5.9	3.8	5.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

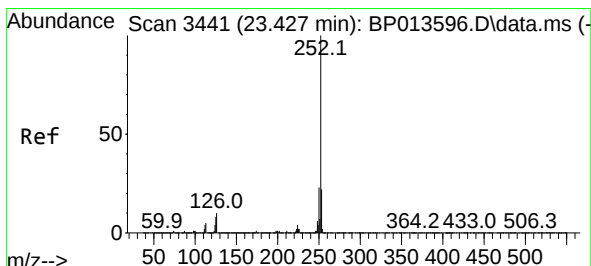
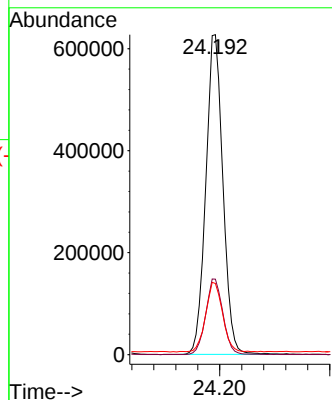
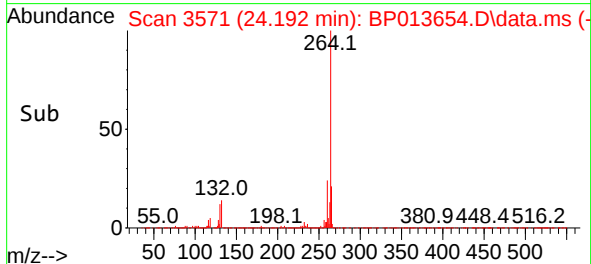
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



Tgt Ion:264 Resp: 1354854
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.2 17.4 26.0

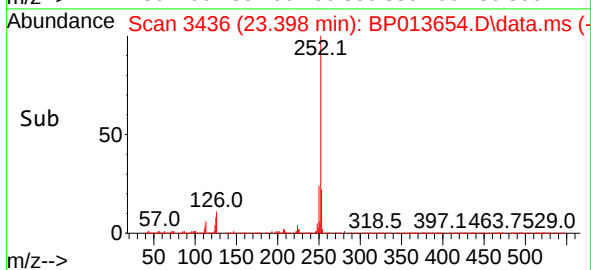
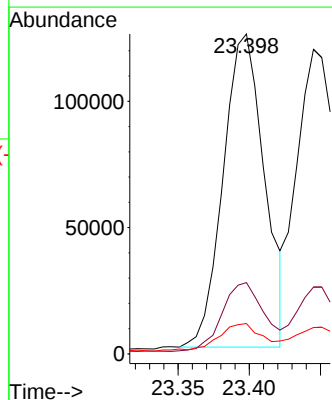
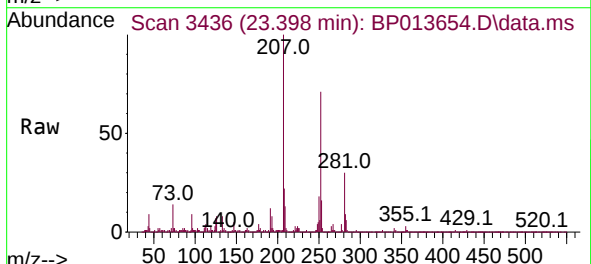
Manual Integrations
APPROVED

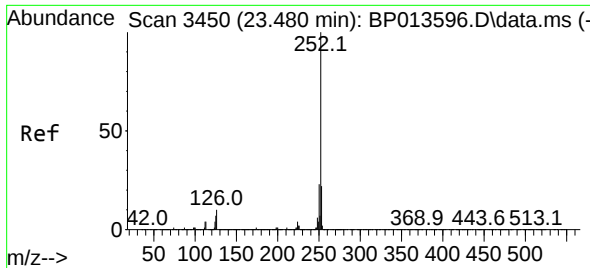
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#88
Benzo(b)fluoranthene
Concen: 2.876 ng m
RT: 23.398 min Scan# 3436
Delta R.T. -0.012 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

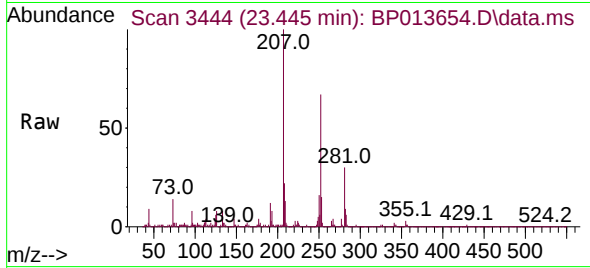
Tgt Ion:252 Resp: 250142
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.5 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 2.966 ng
RT: 23.445 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

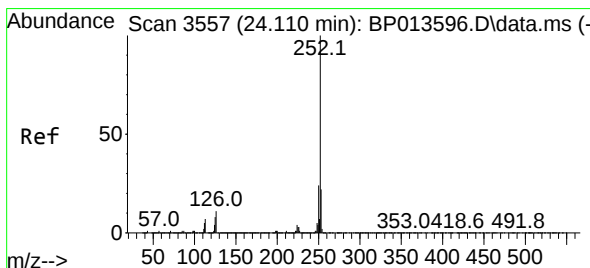
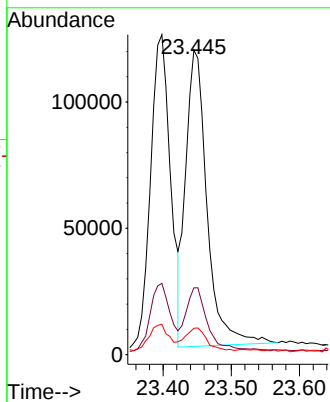
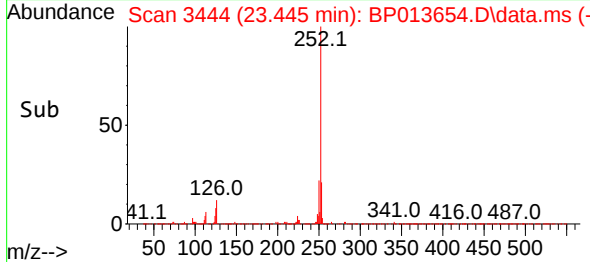
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23



Tgt Ion:252 Resp: 256125
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.6 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#90
Benzo(a)pyrene
Concen: 2.243 ng
RT: 24.074 min Scan# 3551
Delta R.T. -0.018 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:252 Resp: 183636
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 10.6 6.8 10.2#

