

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014131.D
 Acq On : 17 Mar 2023 21:03
 Operator : CG/JU
 Sample : 01954-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP4-0316

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 18 00:28:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	133741	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	542306	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	349367	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	772248	20.000	ng	0.00
76) Chrysene-d12	21.545	240	744245	20.000	ng	0.00
86) Perylene-d12	24.080	264	858841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	797036	96.649	ng	0.00
7) Phenol-d6	7.222	99	1081151	99.854	ng	0.00
23) Nitrobenzene-d5	9.234	82	703975	59.331	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	552039	97.456	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1473269	54.634	ng	0.00
79) Terphenyl-d14	19.998	244	2270251	50.300	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.463	202	184923	3.586	ng	98
78) Pyrene	19.816	202	164494	2.880	ng	99
83) Chrysene	21.586	228	112159	2.169	ng	97
84) Bis(2-ethylhexyl)phtha...	21.427	149	168934	5.317	ng	99
88) Benzo(b)fluoranthene	23.304	252	175186m	3.115	ng	
90) Benzo(a)pyrene	23.969	252	108066	2.015	ng	# 89

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

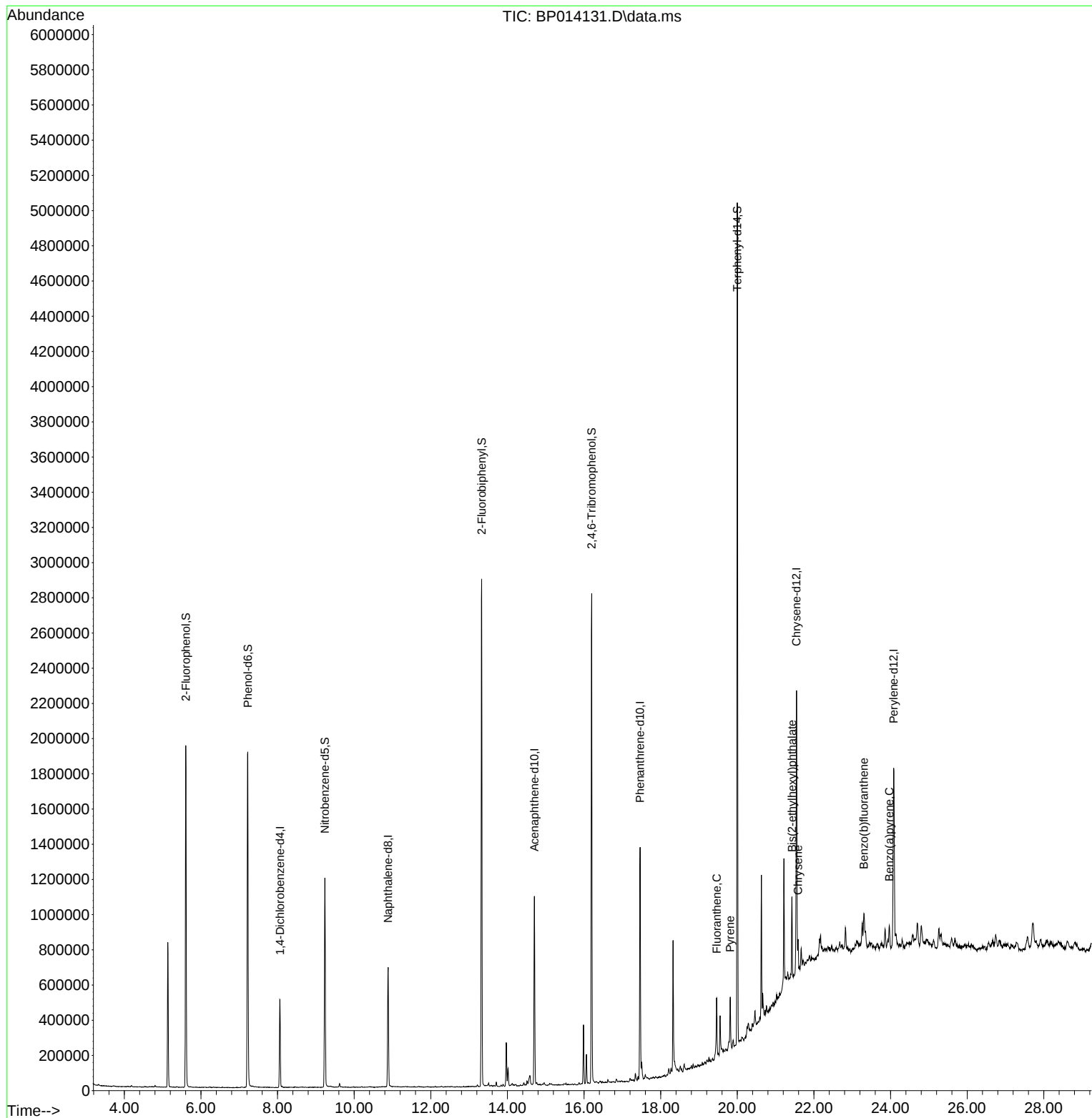
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
Data File : BP014131.D
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ALS Vial : 18 Sample Multiplier: 1

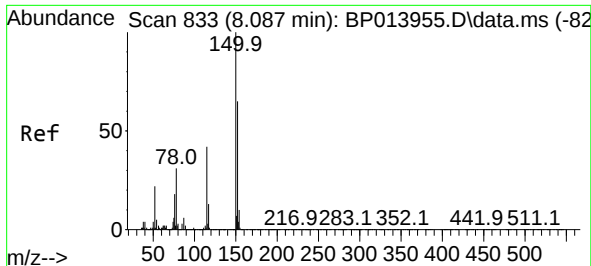
Instrument :
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SV-TP4-0316

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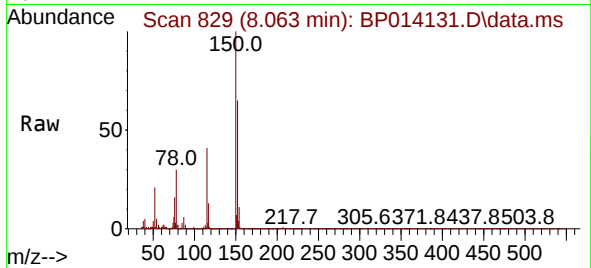
Quant Time: Mar 18 00:28:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 00:19:43 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

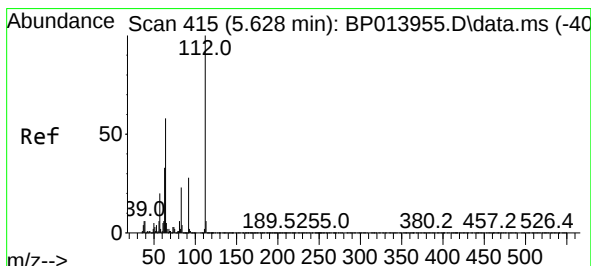
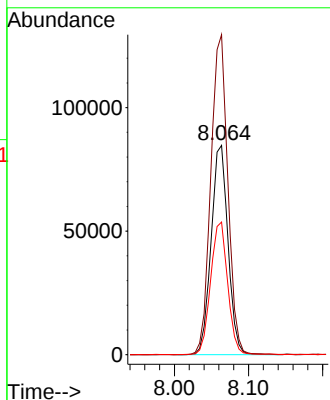
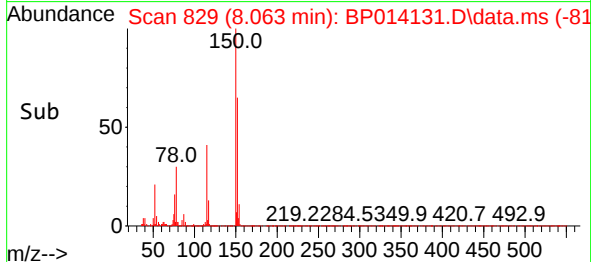
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316



Tgt Ion:152 Resp: 13374
Ion Ratio Lower Upper
152 100
150 152.9 122.3 183.5
115 63.4 51.6 77.4

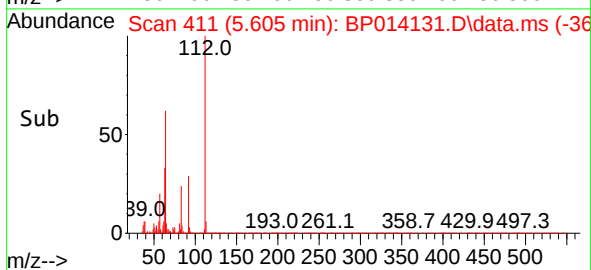
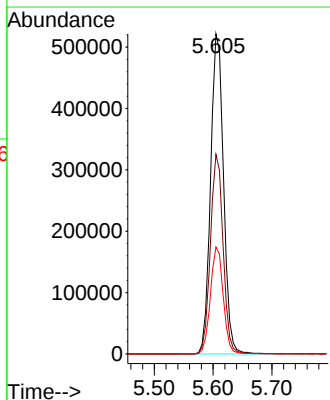
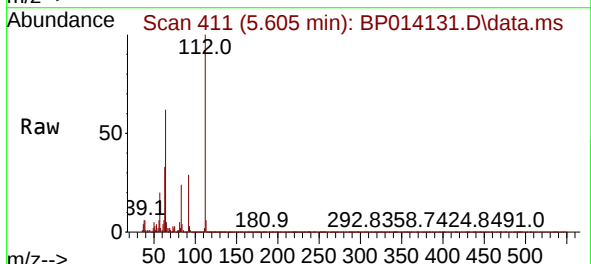
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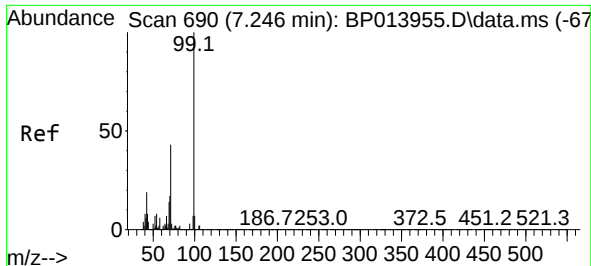
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5
2-Fluorophenol
Concen: 96.649 ng
RT: 5.605 min Scan# 411
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

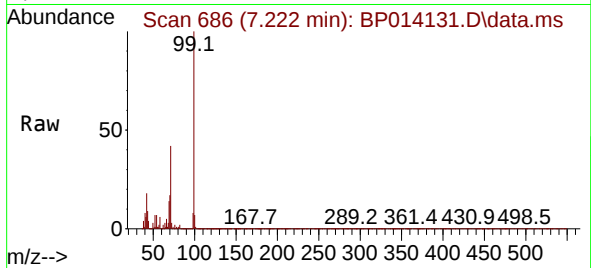
Tgt Ion:112 Resp: 797036
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 33.4 26.6 40.0





#7
Phenol-d6
Concen: 99.854 ng
RT: 7.222 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

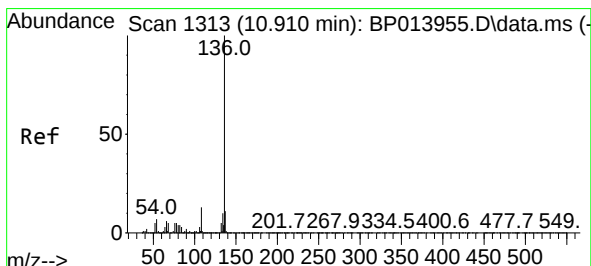
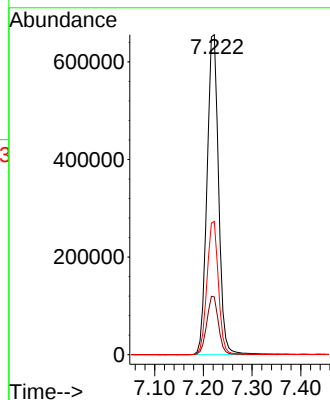
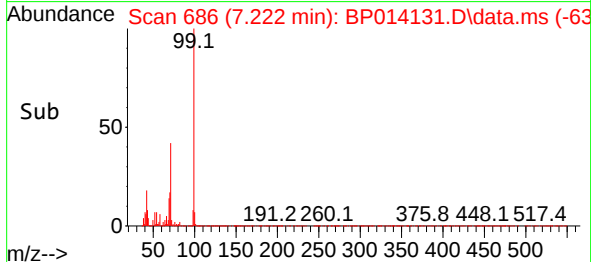
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316



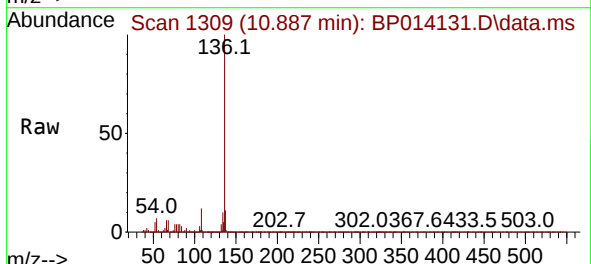
Tgt Ion: 99 Resp: 108115
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 41.7 34.3 51.5

Manual Integrations
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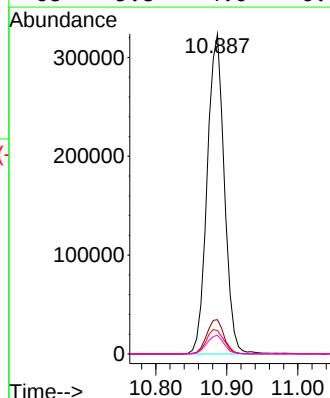
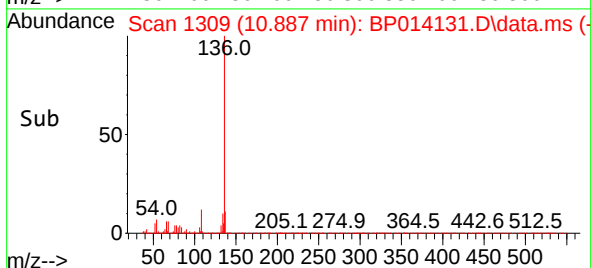
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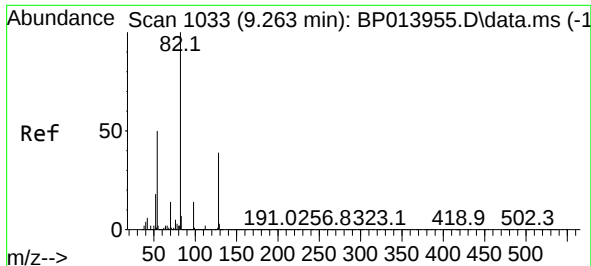


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03



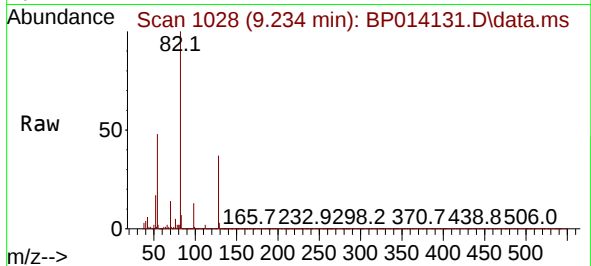
Tgt Ion:136 Resp: 542306
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.3 5.8 8.8
68 5.8 4.0 6.0





#23
Nitrobenzene-d5
Concen: 59.331 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

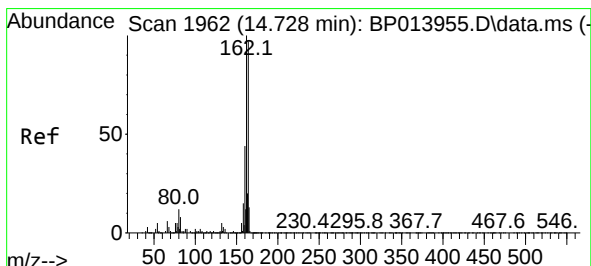
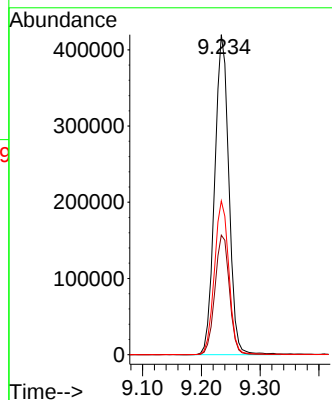
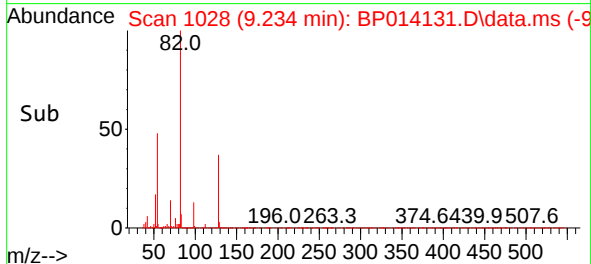
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 703975
Ion Ratio Lower Upper
82 100
128 37.4 31.1 46.7
54 48.0 40.0 60.0

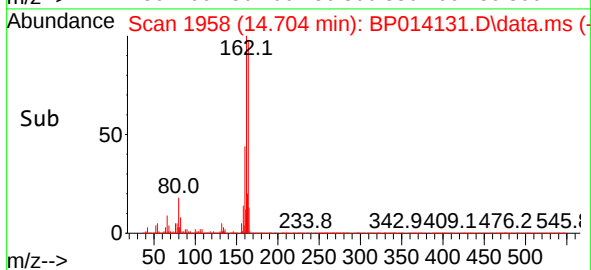
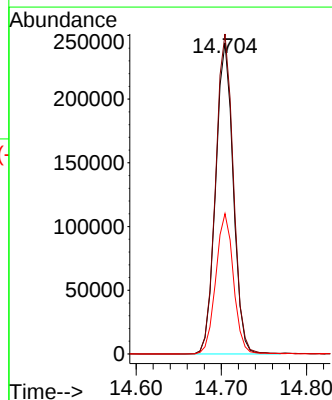
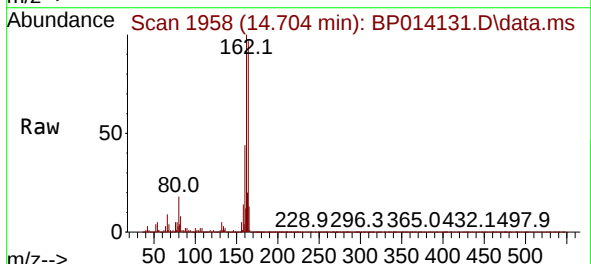
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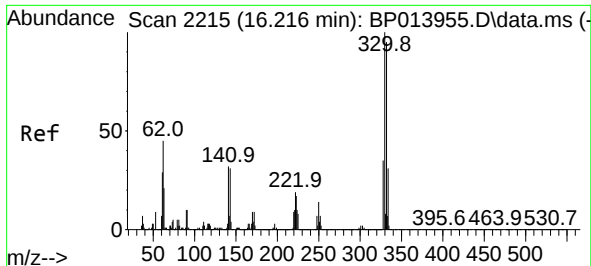
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:164 Resp: 349367
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 45.1 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 97.456 ng
RT: 16.198 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

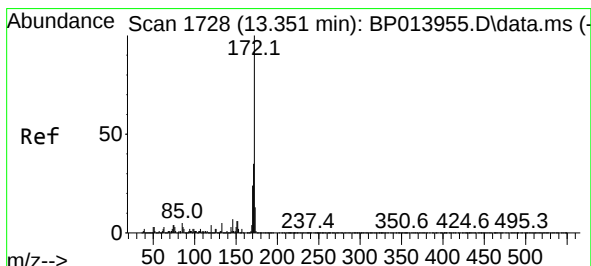
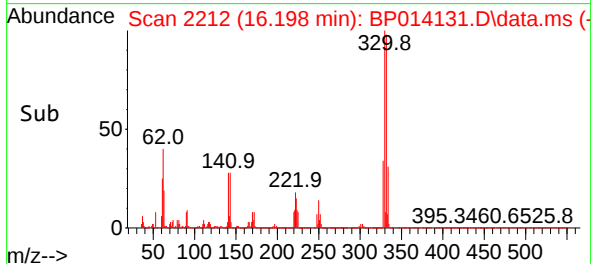
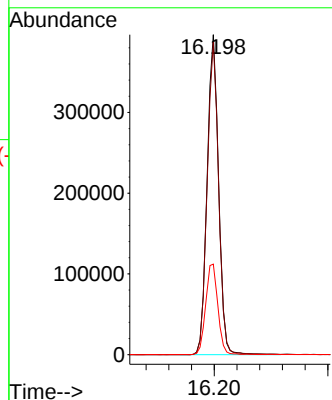
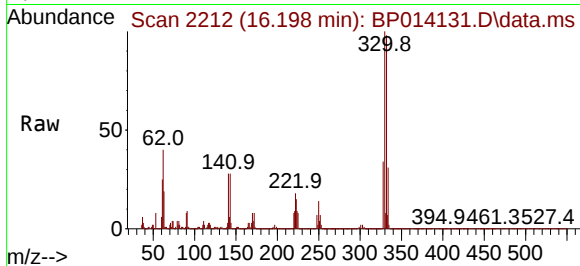
ClientSampleId :

SV-TP4-0316

Tgt Ion:330 Resp: 552039
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 29.9 25.6 38.4

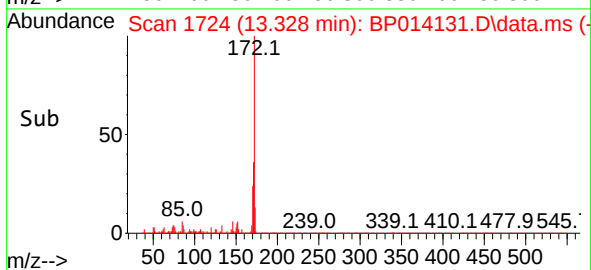
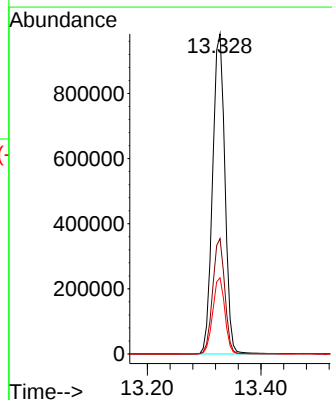
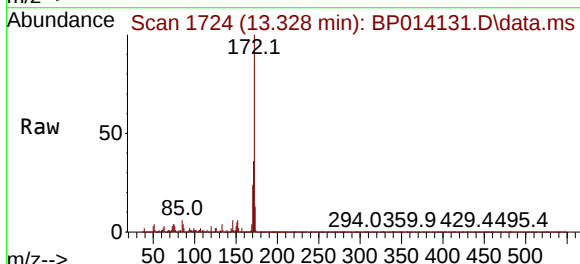
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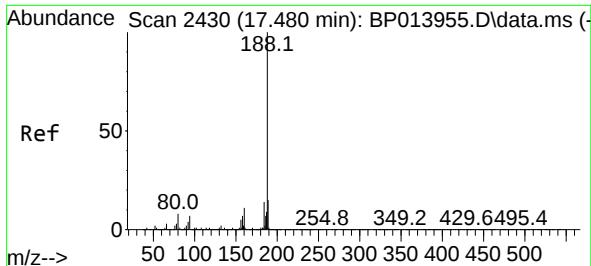
Reviewed By :Christian Giraldo 03/20/2023
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#45
2-Fluorobiphenyl
Concen: 54.634 ng
RT: 13.328 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:172 Resp: 1473269
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.8 19.0 28.4





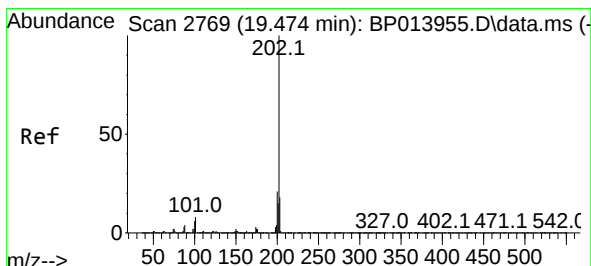
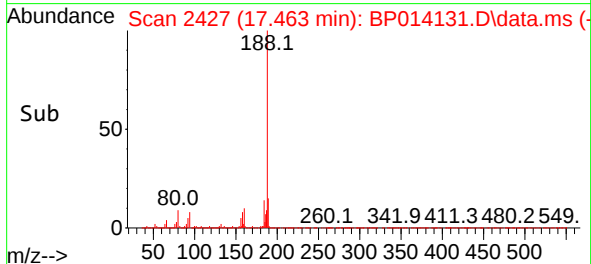
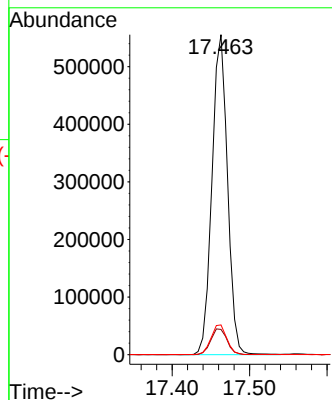
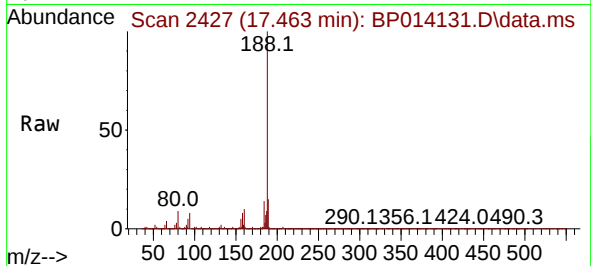
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

Tgt Ion:188 Resp: 772248
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 9.3 6.6 9.8

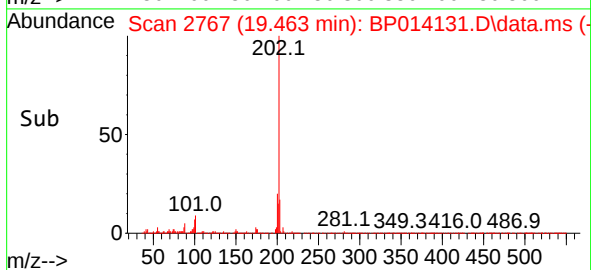
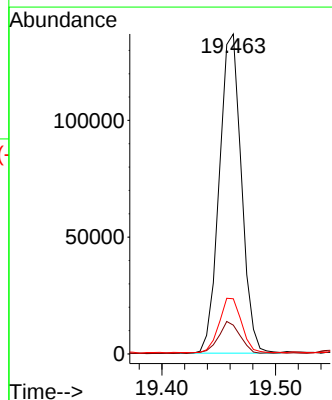
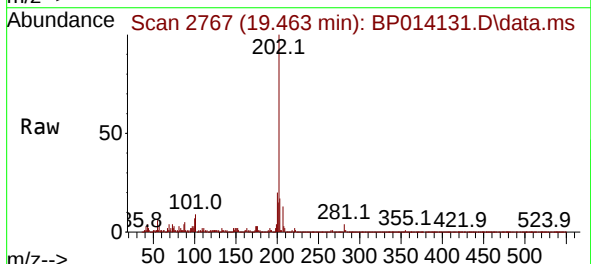
Manual Integrations
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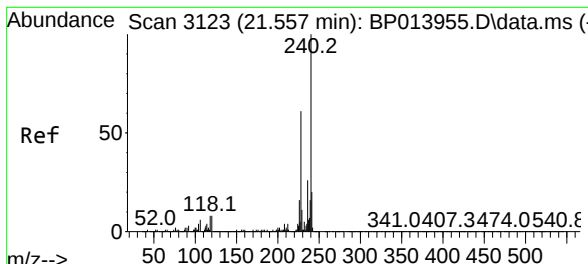
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#75
Fluoranthene
Concen: 3.586 ng
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:202 Resp: 184923
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 17.2 0.0 37.7





#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.545 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BP014131.D
 Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

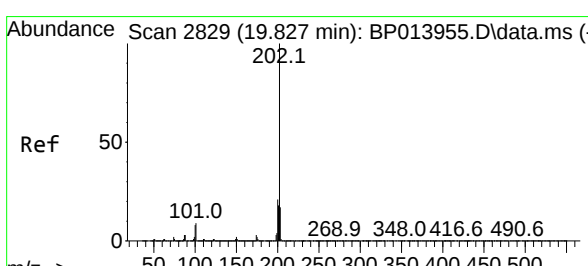
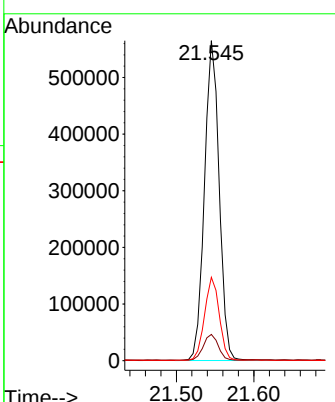
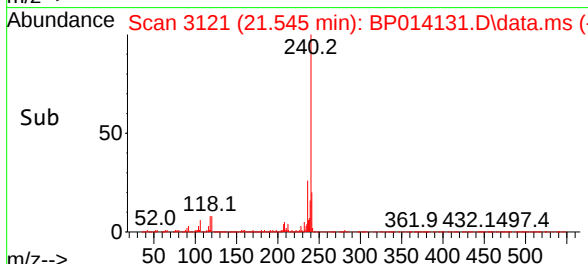
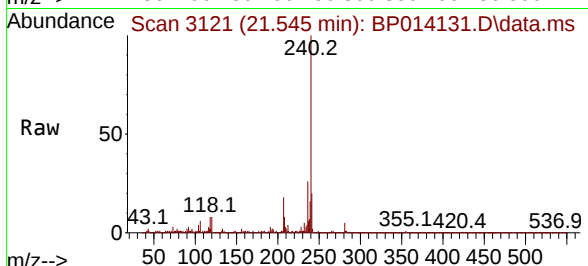
ClientSampleId :

SV-TP4-0316

Tgt Ion:	240	Resp:	74424
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.4	9.6
236	26.1	21.2	31.8

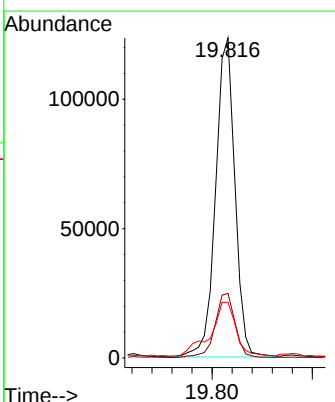
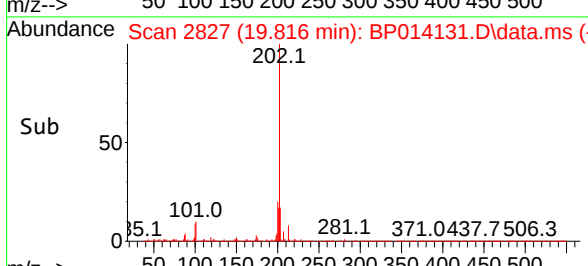
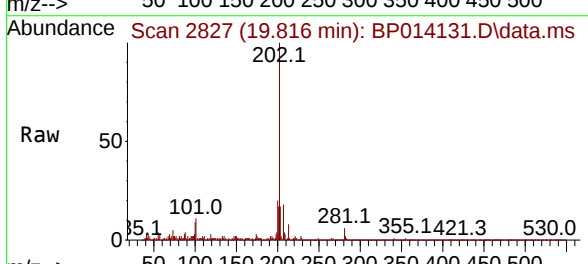
Manual Integrations
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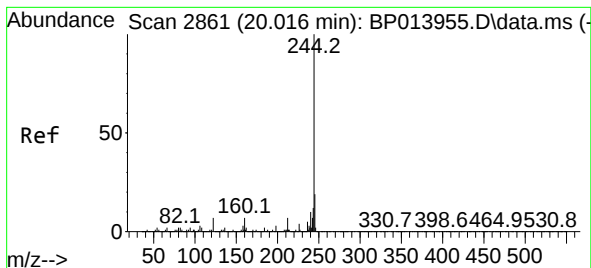
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#78
 Pyrene
 Concen: 2.880 ng
 RT: 19.816 min Scan# 2827
 Delta R.T. -0.006 min
 Lab File: BP014131.D
 Acq: 17 Mar 2023 21:03

Tgt Ion:	202	Resp:	164494
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.4	13.9	20.9





#79

Terphenyl-d14

Concen: 50.300 ng

RT: 19.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

Tgt Ion:244 Resp: 227025

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

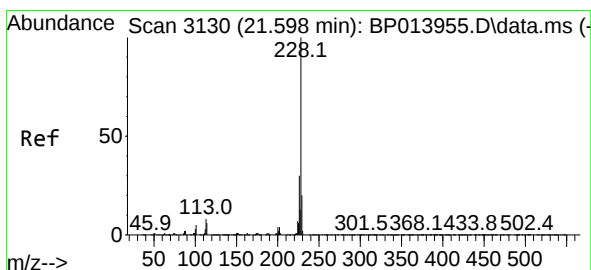
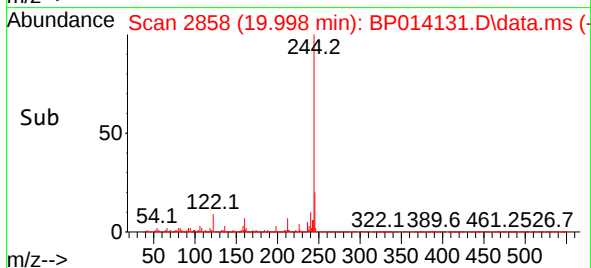
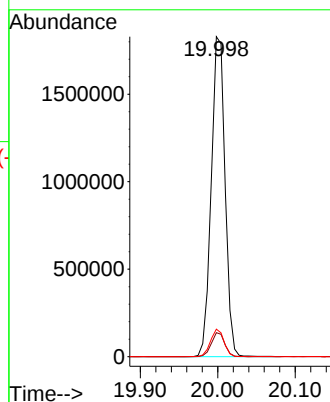
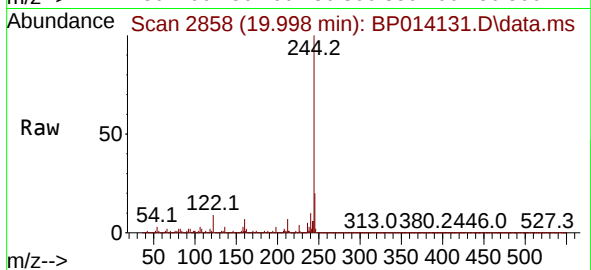
122 8.6 5.8 8.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#83

Chrysene

Concen: 2.169 ng

RT: 21.586 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

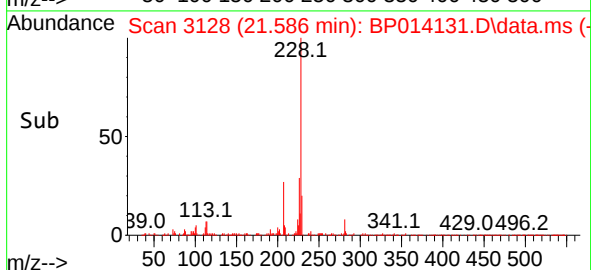
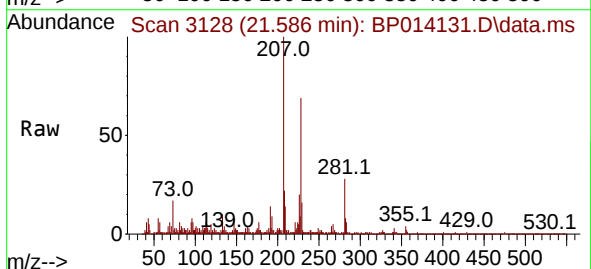
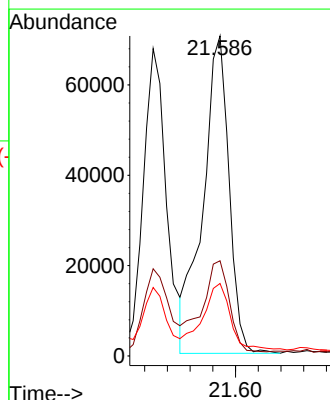
Tgt Ion:228 Resp: 112159

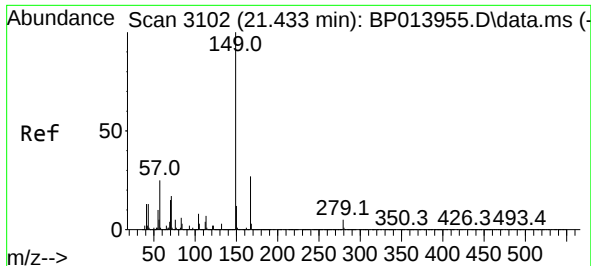
Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

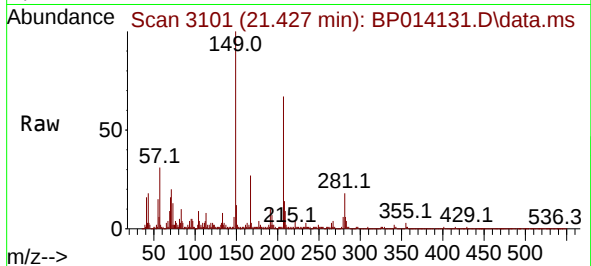
229 22.7 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.317 ng
RT: 21.427 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

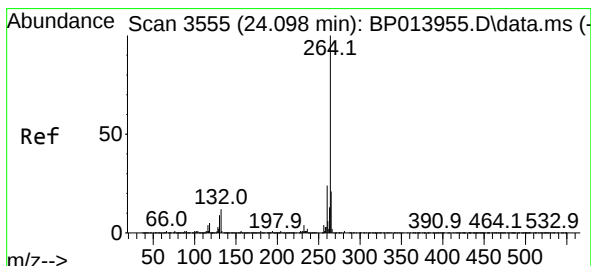
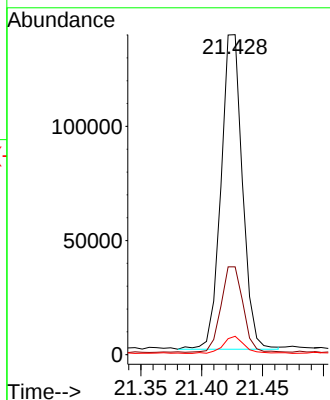
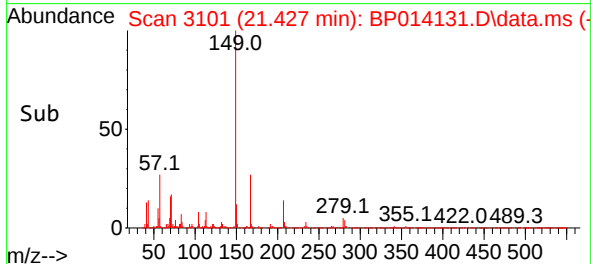
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316



Tgt Ion:149 Resp: 168934
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 5.7 4.0 6.0

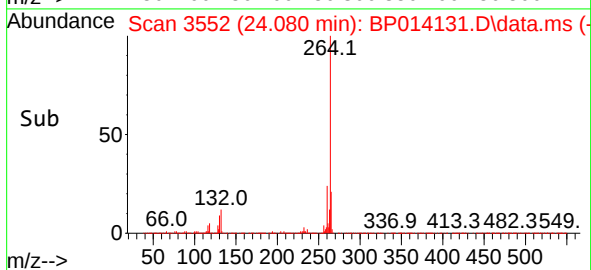
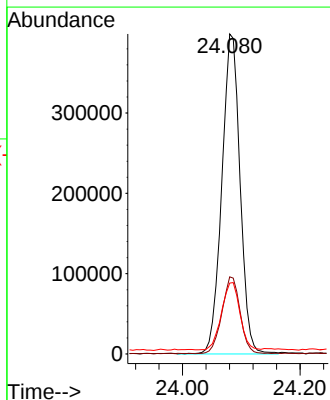
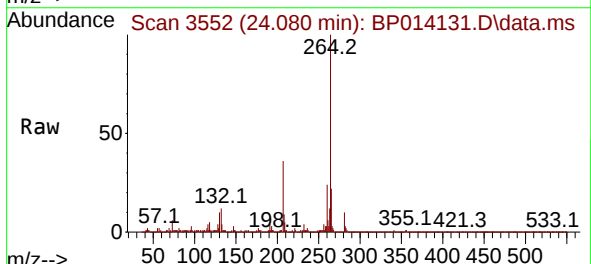
Manual Integrations
APPROVED

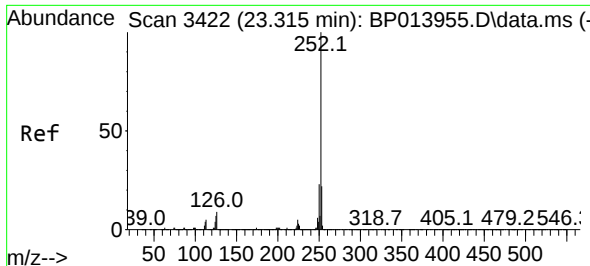
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.080 min Scan# 3552
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:264 Resp: 858841
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.1 17.8 26.8





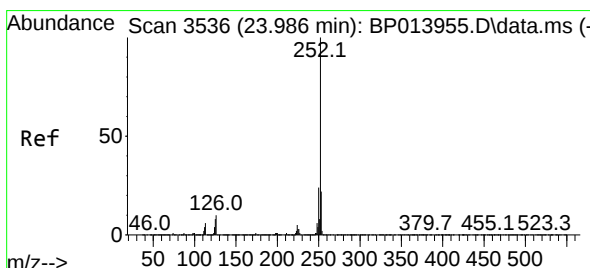
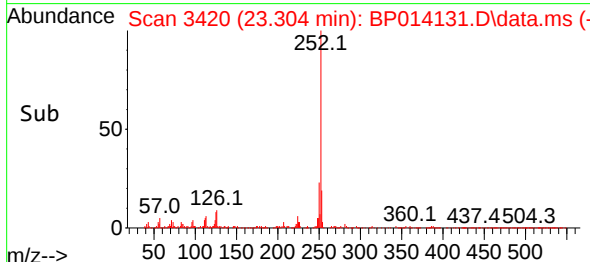
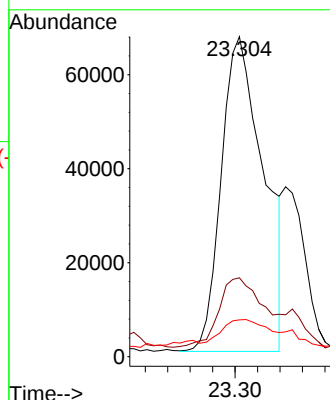
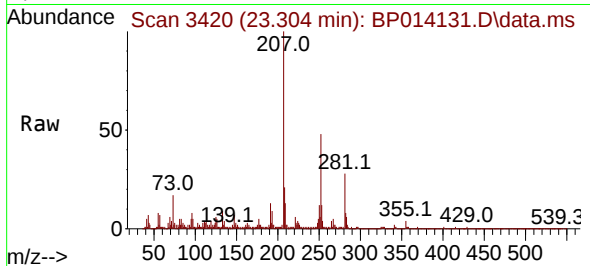
#88
Benzo(b)fluoranthene
Concen: 3.115 ng m
RT: 23.304 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

Tgt Ion:252 Resp: 175180
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 11.5 5.6 8.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#90
Benzo(a)pyrene
Concen: 2.015 ng
RT: 23.969 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:252 Resp: 108066
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.2#
125 12.2 6.2 9.4#

