

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009639.D
 Acq On : 31 Mar 2022 15:01
 Operator : CG/JU
 Sample : N2195-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-1-5FT

Quant Time: Apr 01 04:09:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	264445	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1053601	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	533301	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1065061	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1228819	20.000	ng	0.00
86) Perylene-d12	23.662	264	1360305	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1414306	93.376	ng	0.00
7) Phenol-d6	6.934	99	1800635	87.908	ng	0.00
23) Nitrobenzene-d5	8.899	82	1182758	59.655	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	753261	85.594	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2784846	72.391	ng	0.00
79) Terphenyl-d14	19.739	244	4149594	60.612	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.198	178	183299	3.215	ng	98
75) Fluoranthene	19.186	202	611401	8.858	ng	98
78) Pyrene	19.539	202	626031	7.731	ng	100
81) Benzo(a)anthracene	21.263	228	353161	4.374	ng	96
83) Chrysene	21.316	228	341229	4.464	ng	95
87) Indeno(1,2,3-cd)pyrene	26.145	276	301089	2.917	ng	# 91
88) Benzo(b)fluoranthene	22.939	252	556828	6.857	ng	# 94
89) Benzo(k)fluoranthene	22.980	252	200781m	2.525	ng	
90) Benzo(a)pyrene	23.557	252	435775	6.272	ng	95
92) Benzo(g,h,i)perylene	26.909	276	326843	3.863	ng	# 93

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

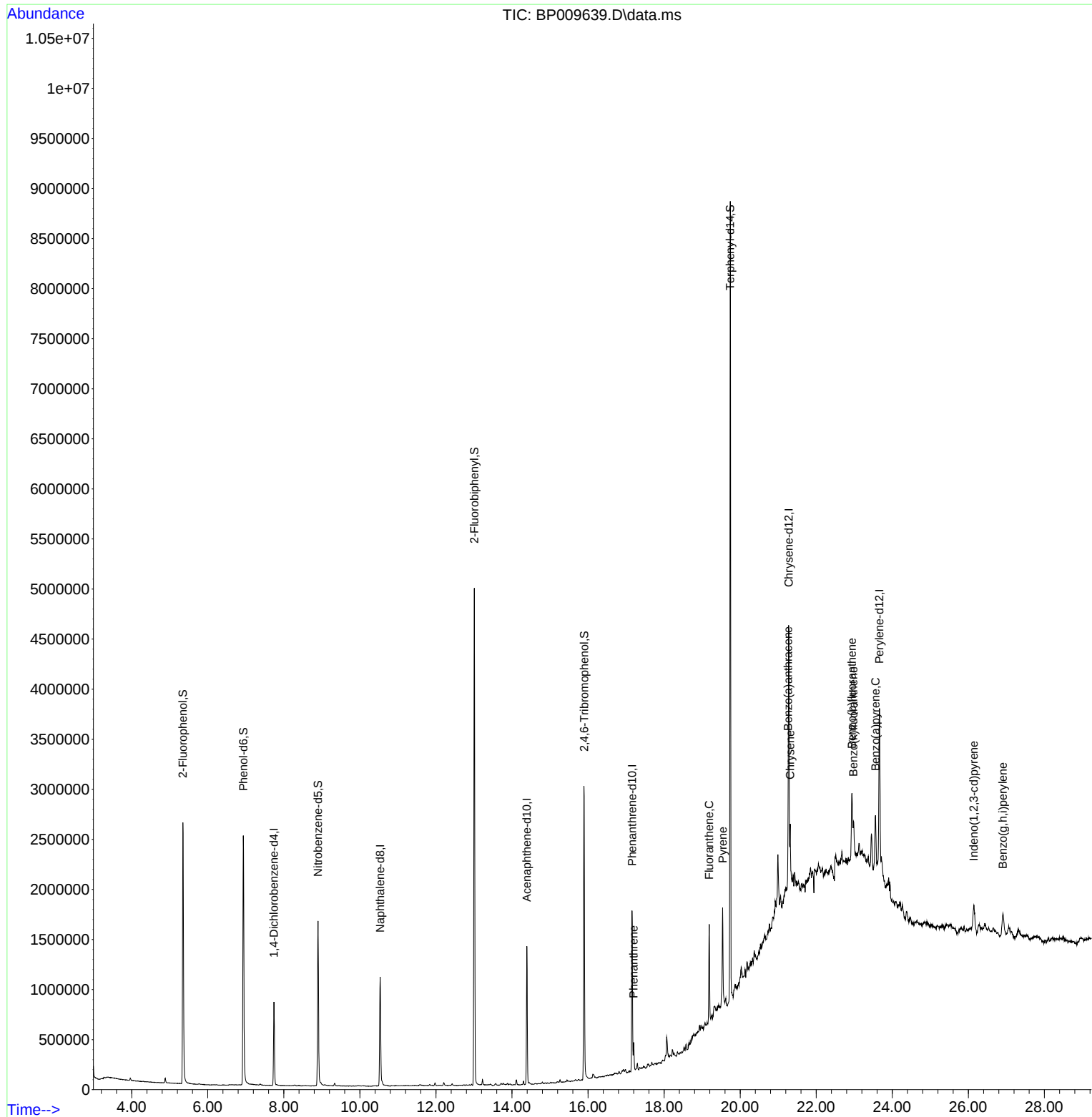
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Data File : BP009639.D
Acq On : 31 Mar 2022 15:01
Operator : CG/JU
Sample : N2195-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

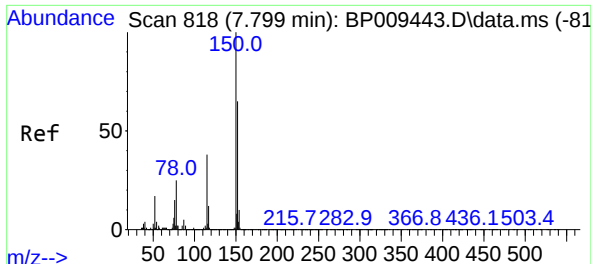
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT

Quant Time: Apr 01 04:09:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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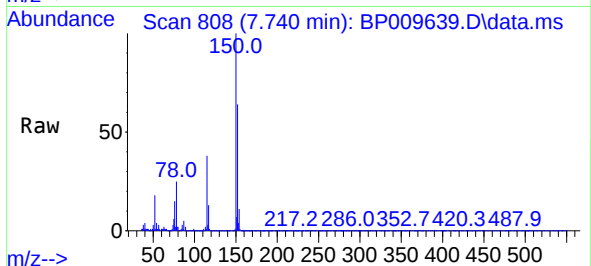
Reviewed By : Christian Giraldo 04/01/2022
Supervised By : Jagrut Upadhyay 04/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

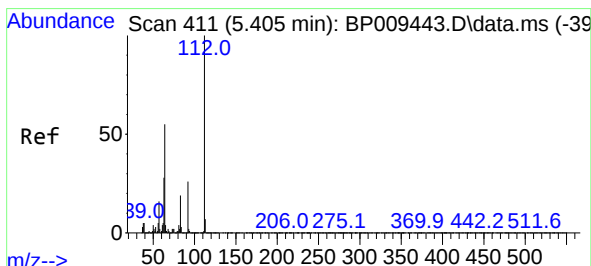
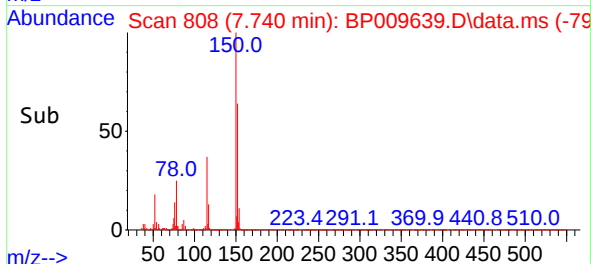
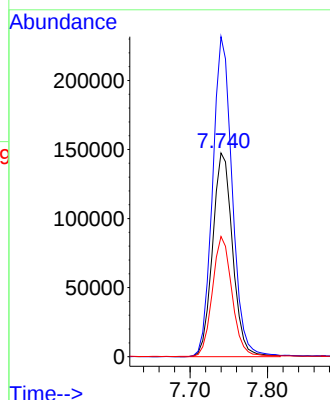
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



Tgt Ion:152 Resp: 26444
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 59.0 48.2 72.4

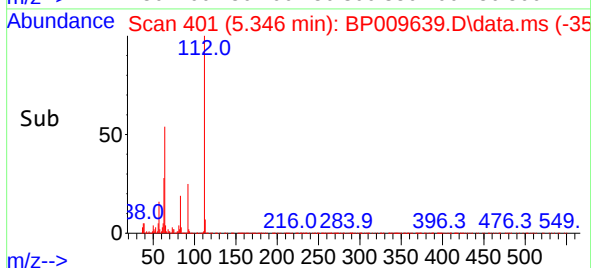
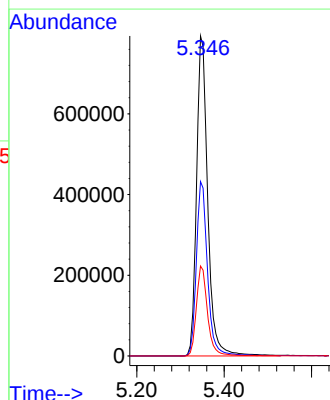
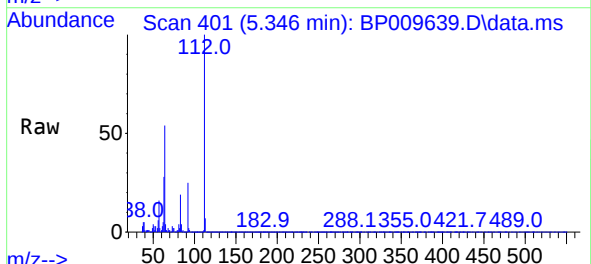
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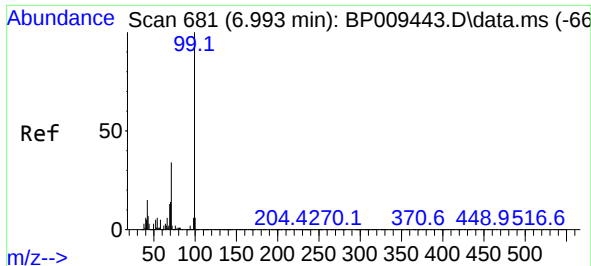
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#5
2-Fluorophenol
Concen: 93.376 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Tgt Ion:112 Resp: 1414306
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.1 23.0 34.6





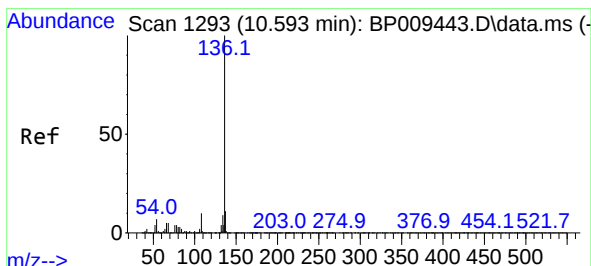
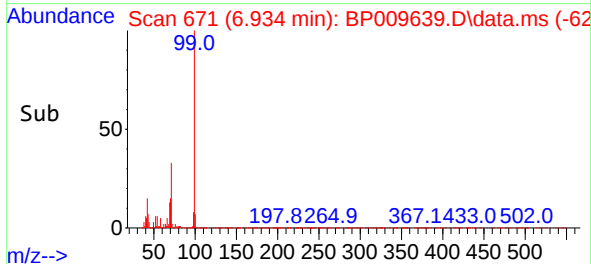
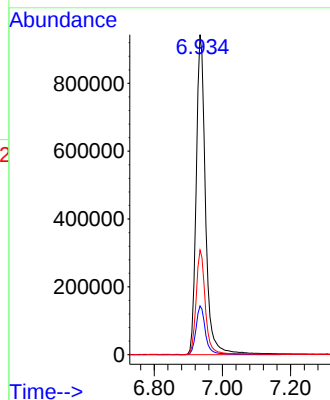
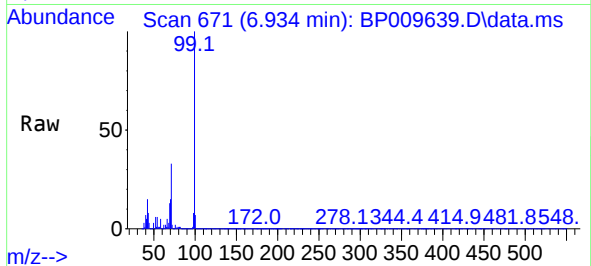
#7
Phenol-d6
Concen: 87.908 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT

Tgt Ion: 99 Resp: 180063
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.7 26.3 39.5

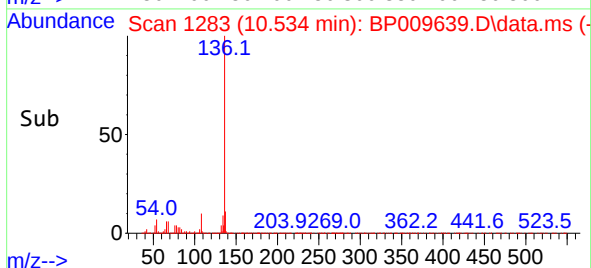
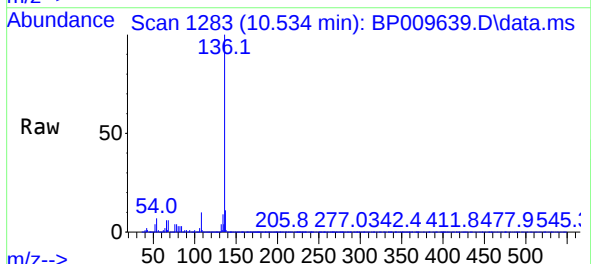
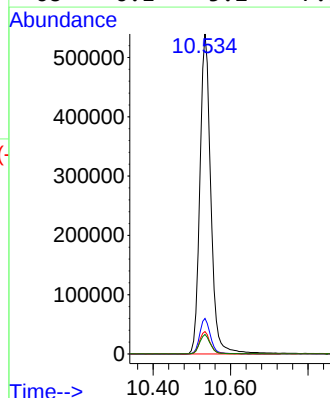
Manual Integrations
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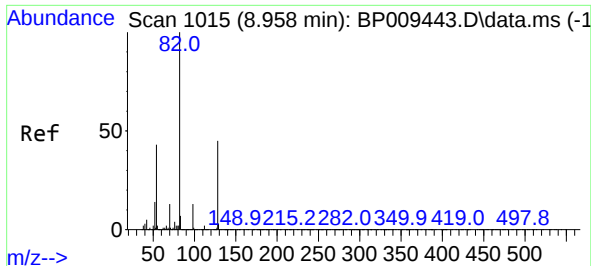
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

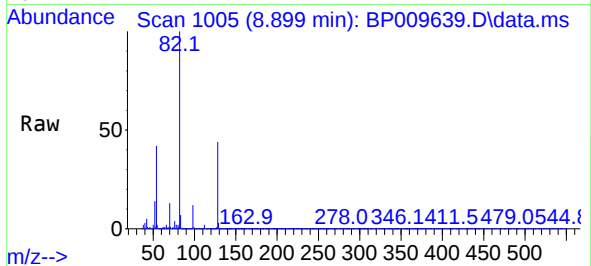
Tgt Ion:136 Resp: 1053601
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8





#23
Nitrobenzene-d5
Concen: 59.655 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

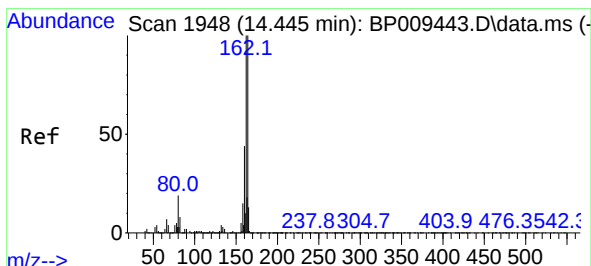
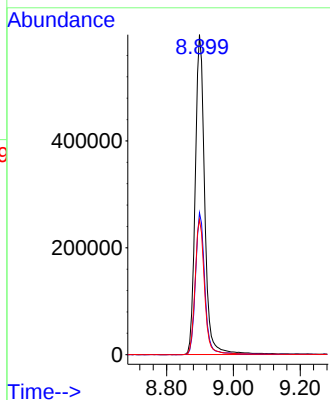
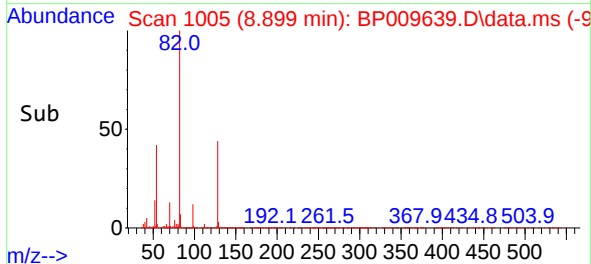
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



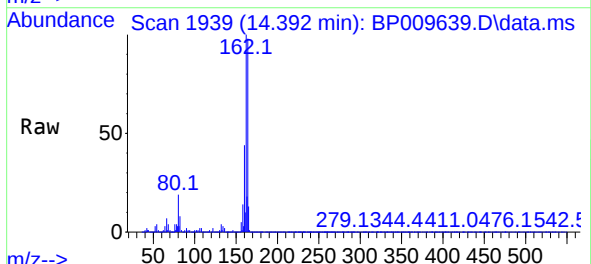
Tgt Ion: 82 Resp: 1182758
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 42.3 34.7 52.1

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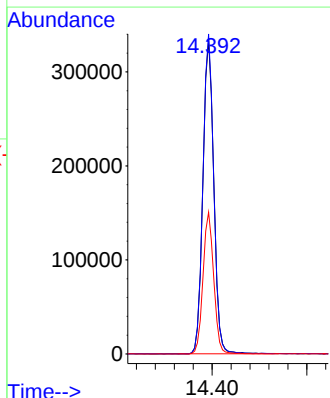
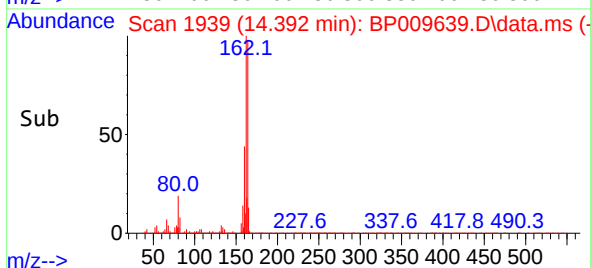
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01



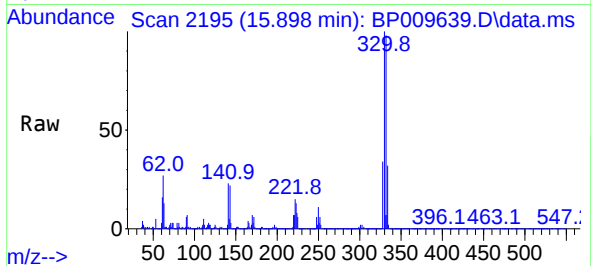
Tgt Ion:164 Resp: 533301
Ion Ratio Lower Upper
164 100
162 102.0 79.1 118.7
160 45.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 85.594 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

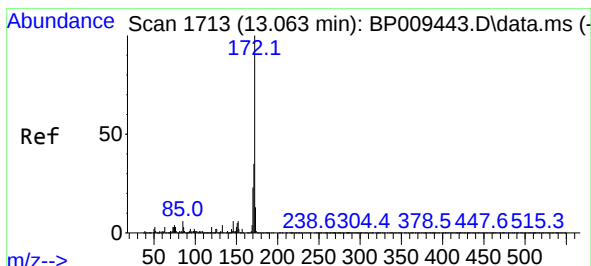
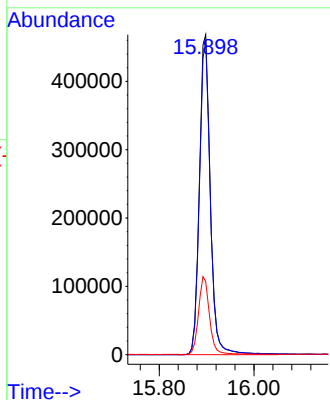
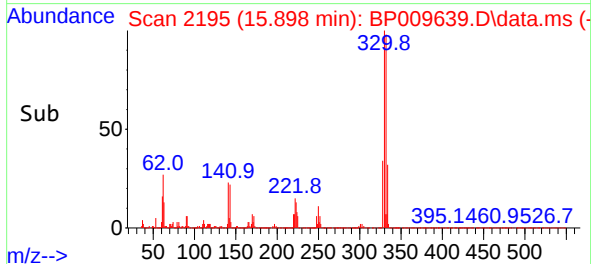
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



Tgt Ion:330 Resp: 75326
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 24.2 27.6 41.4

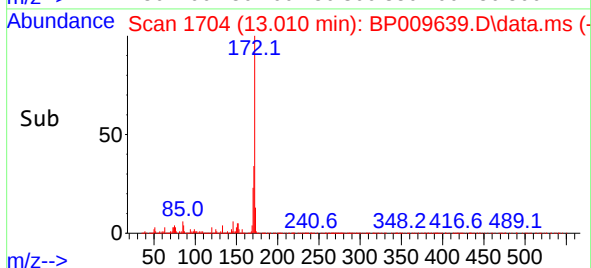
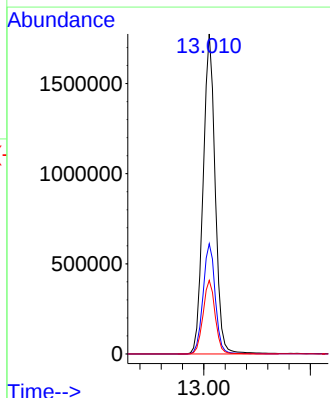
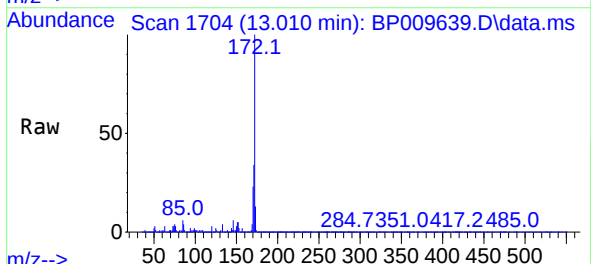
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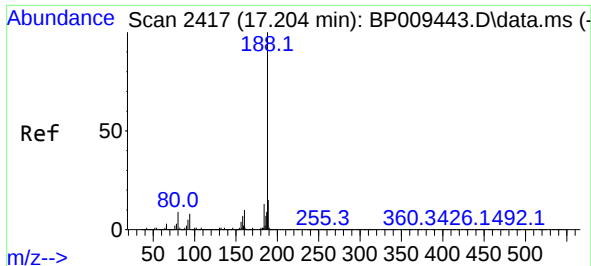
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#45
2-Fluorobiphenyl
Concen: 72.391 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Tgt Ion:172 Resp: 2784846
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.0 18.6 27.8





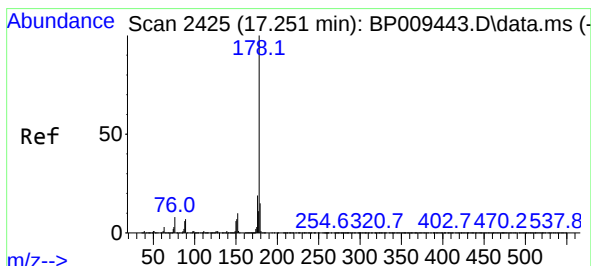
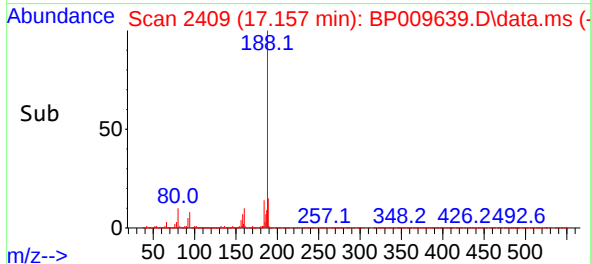
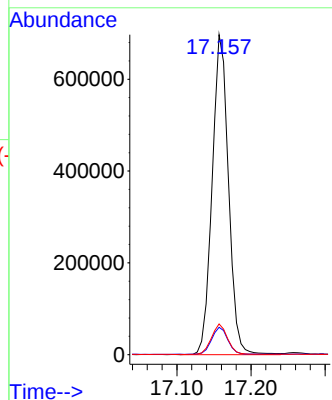
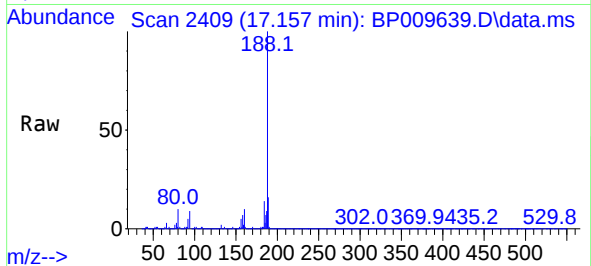
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT

Tgt Ion:188 Resp: 106506
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.6 8.8 13.2

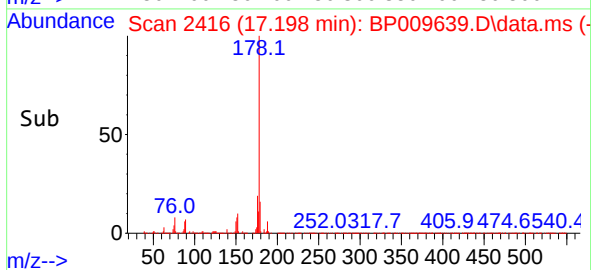
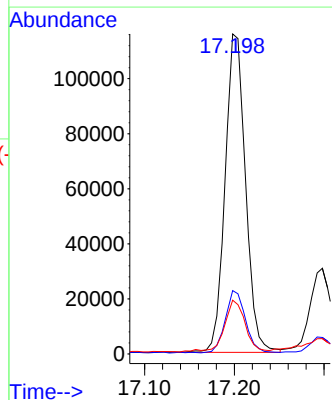
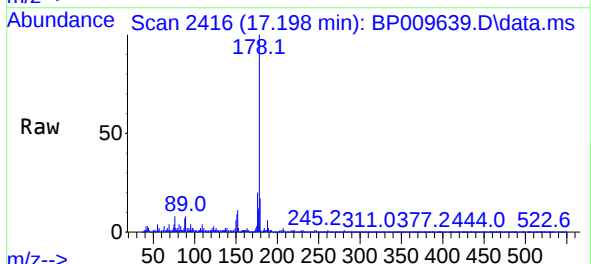
Manual Integrations
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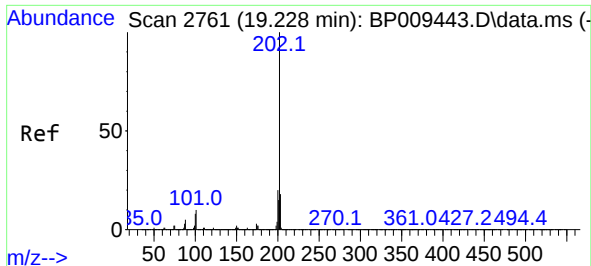
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#71
Phenanthrene
Concen: 3.215 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Tgt Ion:178 Resp: 183299
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.8 12.3 18.5





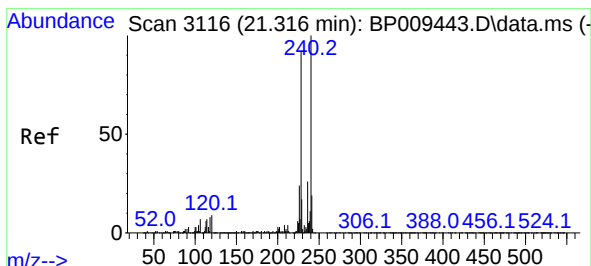
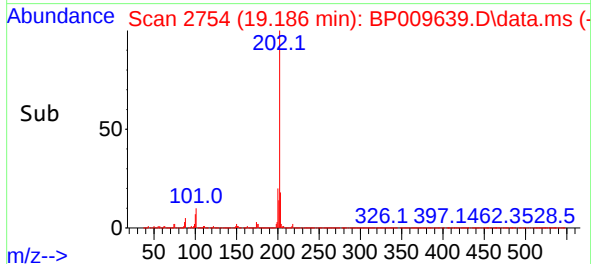
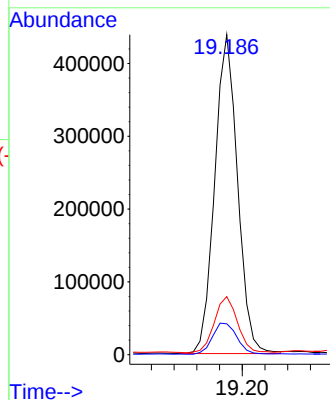
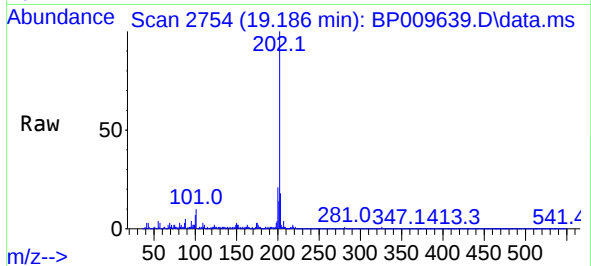
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Fluoranthene
Concen: 8.858 ng
RT: 19.186 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT

Tgt Ion:202 Resp: 61140
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.5
203 18.2 0.0 37.8

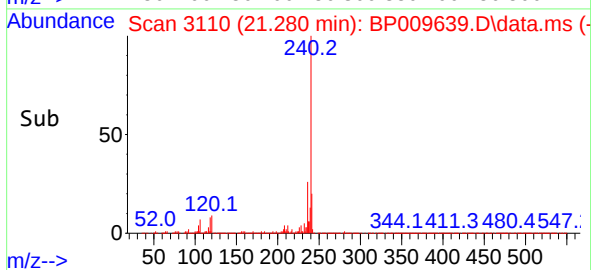
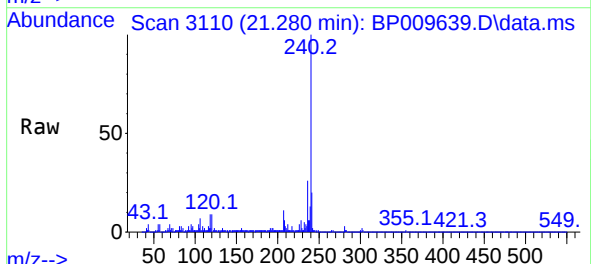
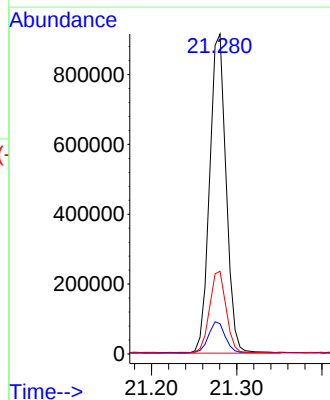
Manual Integrations
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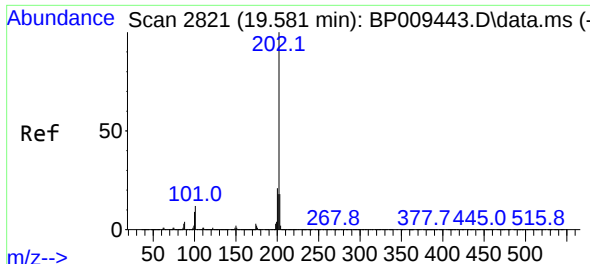
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Tgt Ion:240 Resp: 1228819
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 25.9 20.6 30.8





#78
Pyrene
Concen: 7.731 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Instrument :

BNA_P

ClientSampleId :

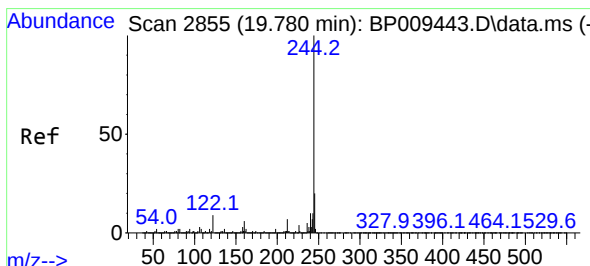
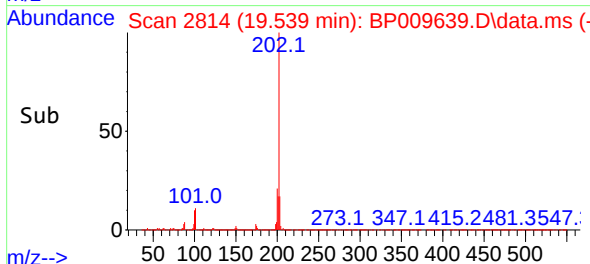
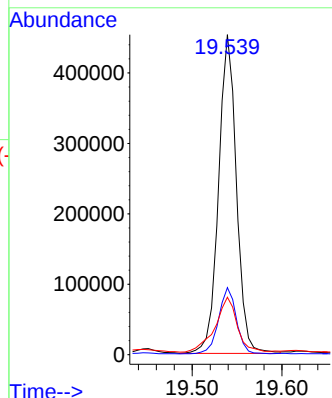
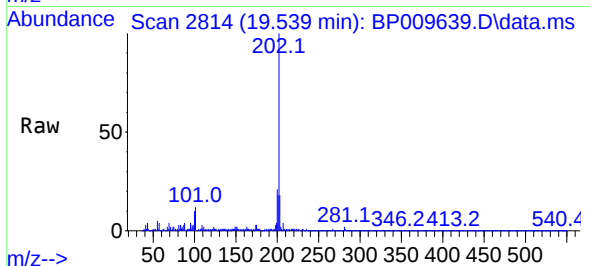
TP-2-1-5FT

Tgt Ion:202 Resp: 62603
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 18.0 14.2 21.4

Manual Integrations

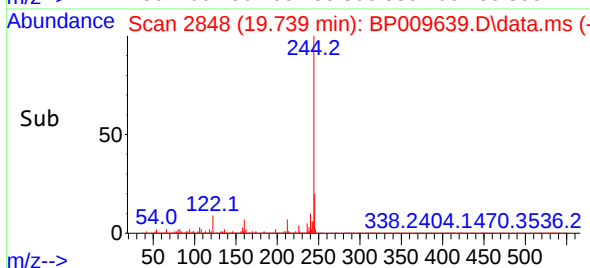
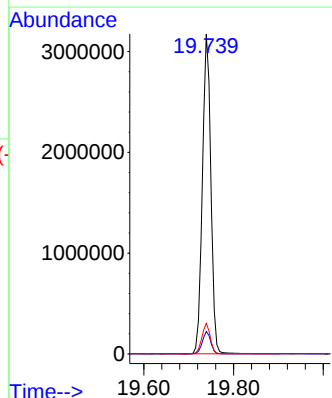
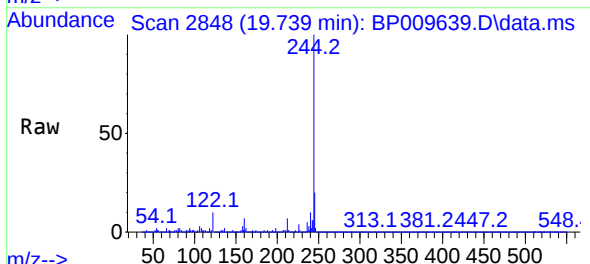
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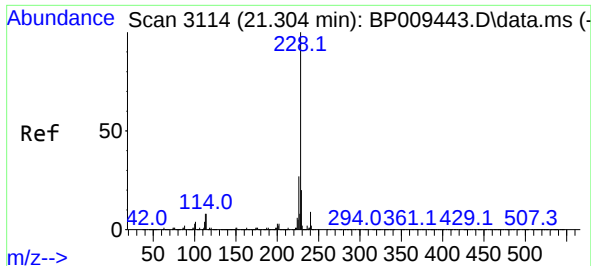
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#79
Terphenyl-d14
Concen: 60.612 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

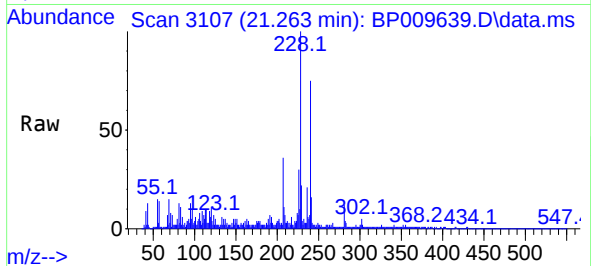
Tgt Ion:244 Resp: 4149594
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.5 8.3 12.5





#81
Benzo(a)anthracene
Concen: 4.374 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

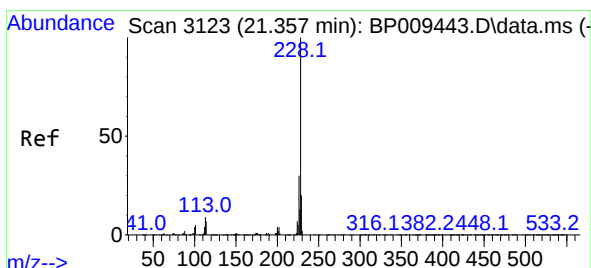
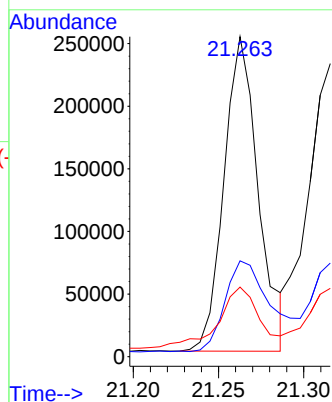
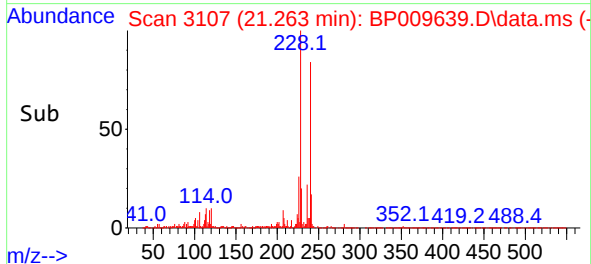
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



Tgt Ion:228 Resp: 35316
Ion Ratio Lower Upper
228 100
226 29.9 22.0 33.0
229 21.8 16.1 24.1

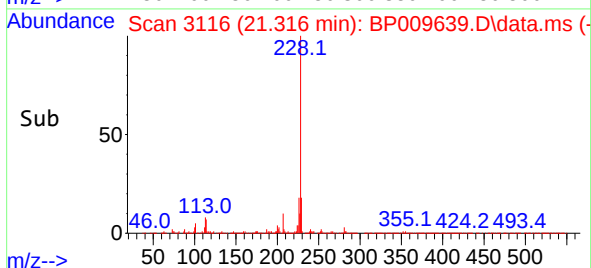
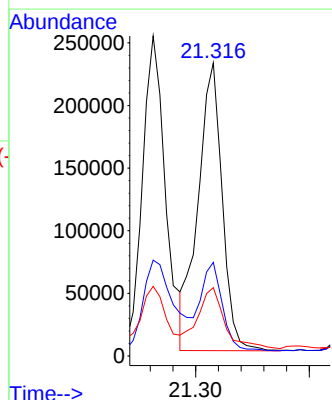
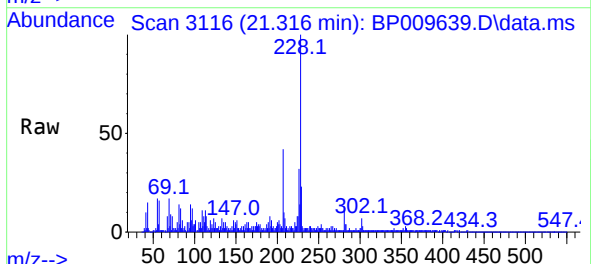
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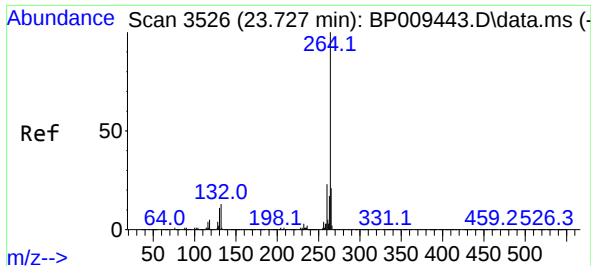
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#83
Chrysene
Concen: 4.464 ng
RT: 21.316 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Tgt Ion:228 Resp: 341229
Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.2
229 23.3 16.1 24.1





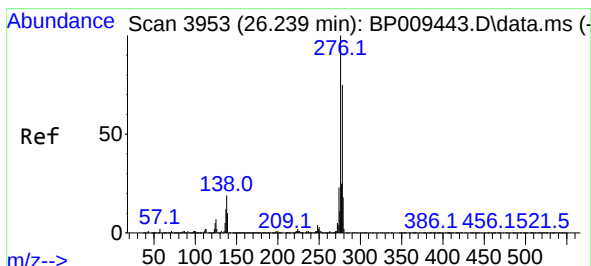
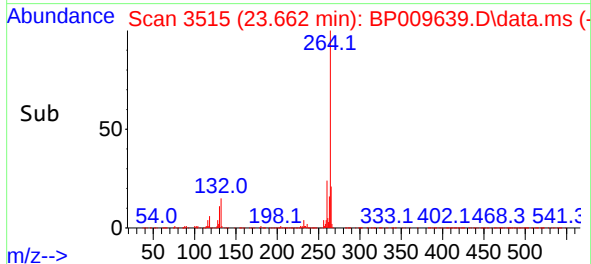
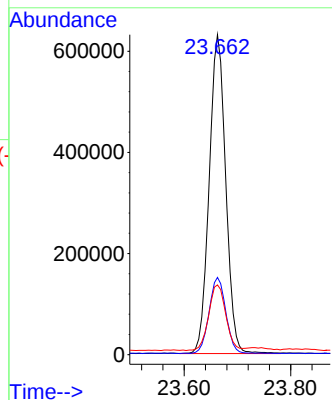
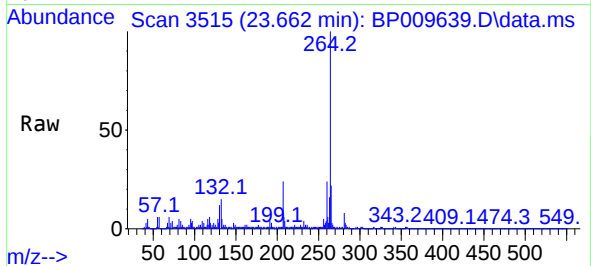
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT

Tgt Ion:264 Resp: 136030
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 21.8 17.2 25.8

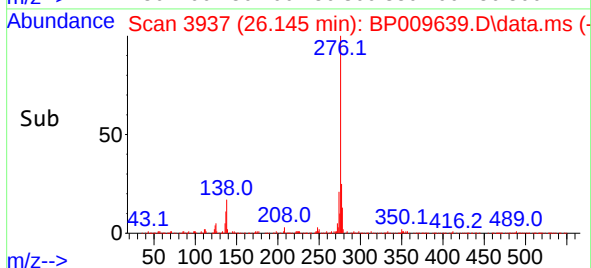
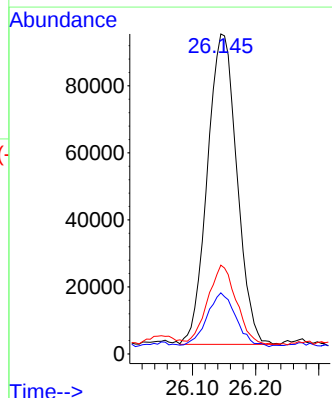
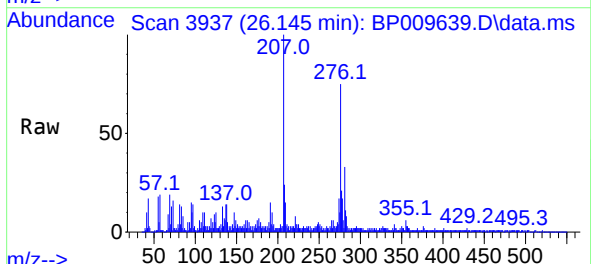
Manual Integrations
APPROVED

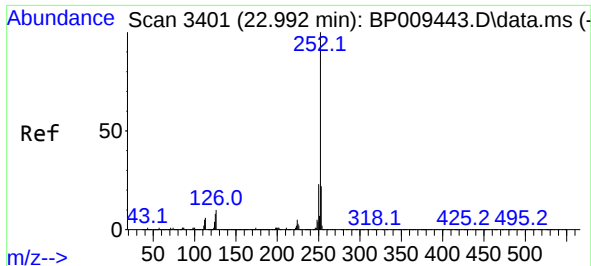
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.917 ng
RT: 26.145 min Scan# 3937
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

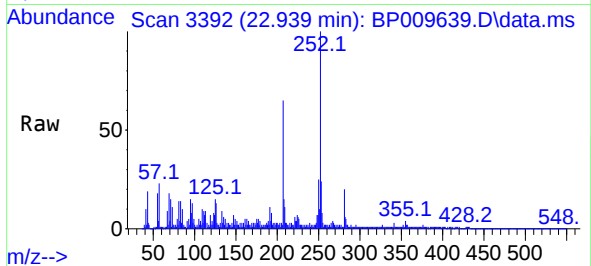
Tgt Ion:276 Resp: 301089
Ion Ratio Lower Upper
276 100
138 17.2 20.5 30.7#
277 24.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.857 ng
RT: 22.939 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

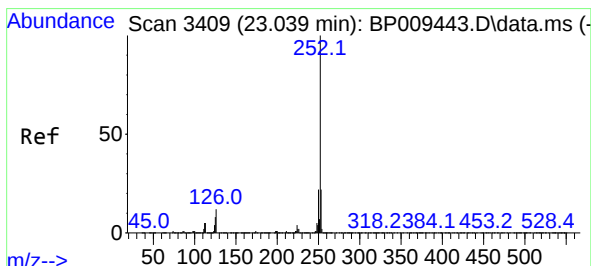
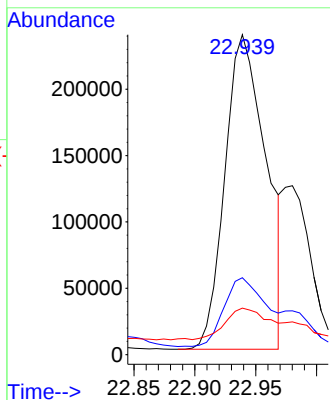
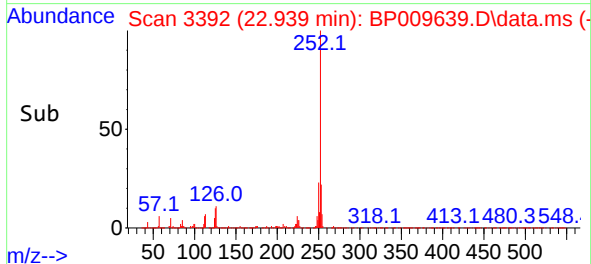
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



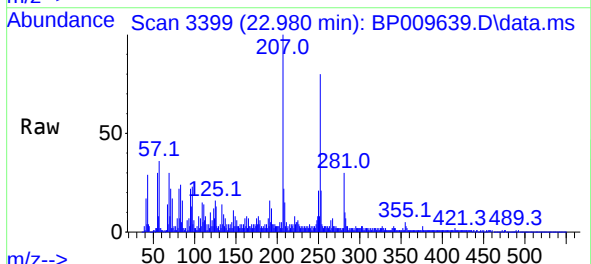
Tgt Ion:252 Resp: 556828
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 14.6 8.1 12.1

Manual Integrations
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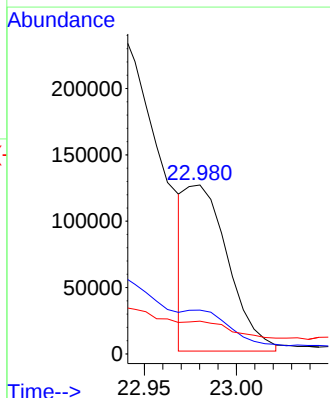
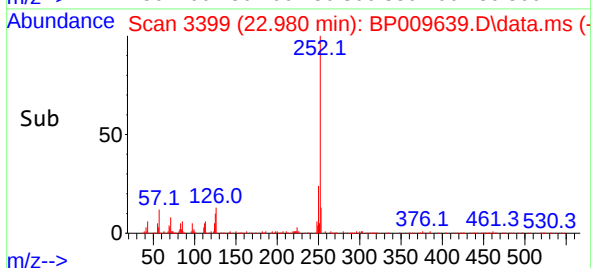
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

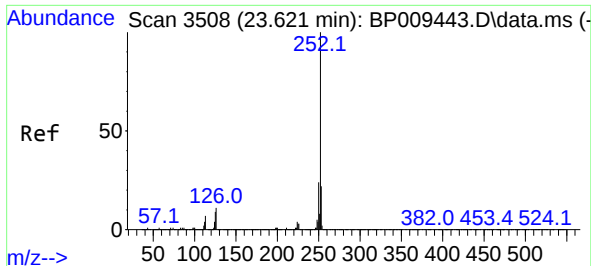


#89
Benzo(k)fluoranthene
Concen: 2.525 ng m
RT: 22.980 min Scan# 3399
Delta R.T. -0.000 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01



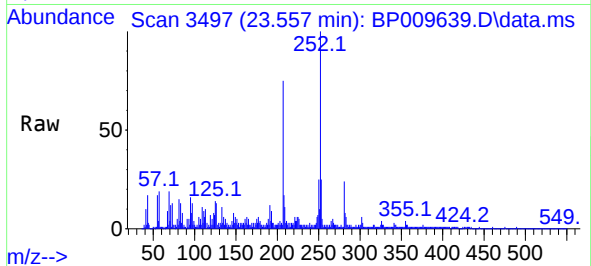
Tgt Ion:252 Resp: 200781
Ion Ratio Lower Upper
252 100
253 25.9 17.5 26.3
125 19.5 8.3 12.5





#90
Benzo(a)pyrene
Concen: 6.272 ng
RT: 23.557 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01

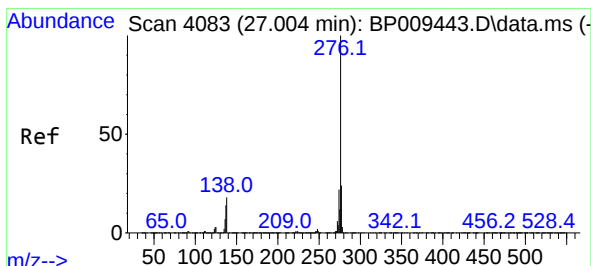
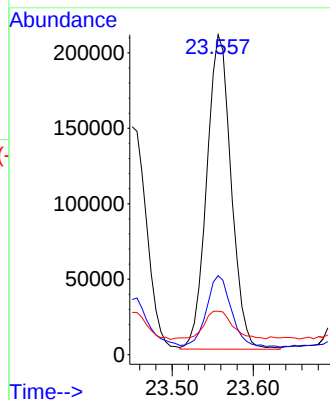
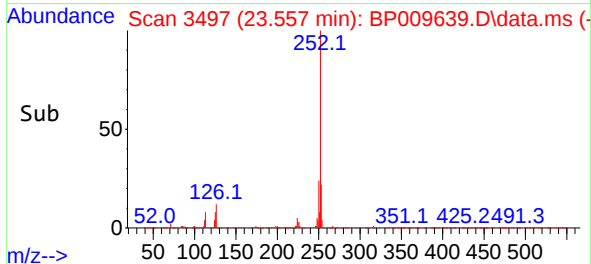
Instrument :
BNA_P
ClientSampleId :
TP-2-1-5FT



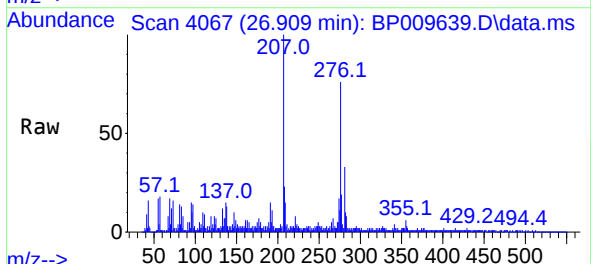
Tgt Ion:252 Resp: 435775
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 13.6 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#92
Benzo(g,h,i)perylene
Concen: 3.863 ng
RT: 26.909 min Scan# 4067
Delta R.T. 0.012 min
Lab File: BP009639.D
Acq: 31 Mar 2022 15:01



Tgt Ion:276 Resp: 326843
Ion Ratio Lower Upper
276 100
277 25.3 19.2 28.8
138 17.2 18.0 27.0#

