

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008019.D
 Acq On : 18 Nov 2021 16:44
 Operator : CG/JU
 Sample : M4713-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

Quant Time: Nov 19 02:23:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 11/19/2021

Supervised By :Sohil
 Jodhani
 11/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	95716	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	318349	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	206515	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	483787	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	686757	20.000	ng	#-0.01
86) Perylene-d12	23.721	264	797387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	680881	115.398	ng	0.00
7) Phenol-d6	7.016	99	808837	103.044	ng	0.00
23) Nitrobenzene-d5	8.993	82	491179	82.566	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	419606	129.139	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1104258	75.005	ng	0.00
79) Terphenyl-d14	19.792	244	2362033	69.741	ng	-0.01
Target Compounds						Qvalue
56) 4-Nitrophenol	14.716	139	11176m	3.962	ng	
60) Diethylphthalate	15.298	149	34287	2.177	ng	# 93
62) 4-Nitroaniline	15.545	138	19442	5.466	ng	97
73) Carbazole	17.634	167	126266	5.075	ng	97
74) Di-n-butylphthalate	18.192	149	202955	7.207	ng	99
75) Fluoranthene	19.245	202	163628	5.014	ng	97
78) Pyrene	19.592	202	197145	4.800	ng	98
80) Butylbenzylphthalate	20.475	149	360772	21.275	ng	94
81) Benzo(a)anthracene	21.304	228	775692	17.157	ng	99
83) Chrysene	21.357	228	851877	19.658	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	450368	18.602	ng	# 99
85) Di-n-octyl phthalate	22.163	149	794472	17.806	ng	96
88) Benzo(b)fluoranthene	22.992	252	635974	13.399	ng	98
89) Benzo(k)fluoranthene	23.039	252	612994	12.928	ng	99
90) Benzo(a)pyrene	23.616	252	332719	8.196	ng	97

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

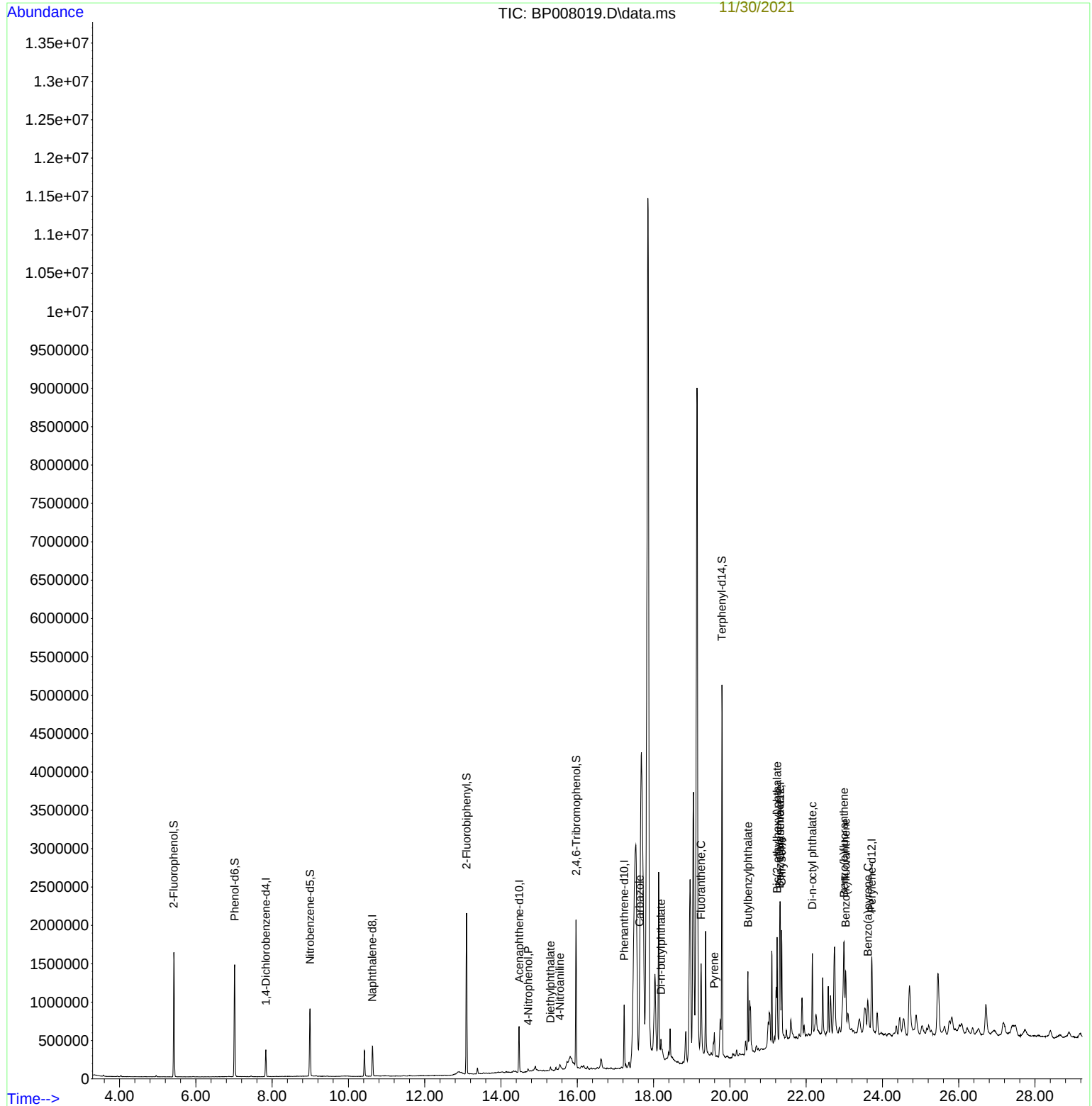
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Data File : BP008019.D
Acq On : 18 Nov 2021 16:44
Operator : CG/JU
Sample : M4713-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

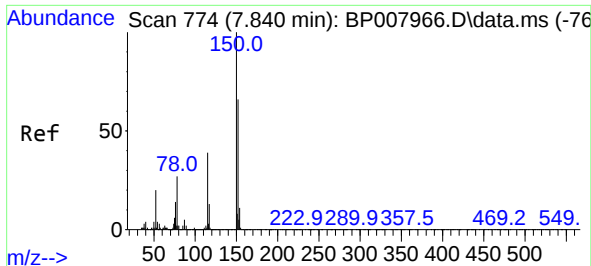
Instrument :
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ClientSampleId :
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Quant Time: Nov 19 02:23:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
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Upadhyay
11/19/2021
Supervised By :Sohil
Jodhani
11/30/2021





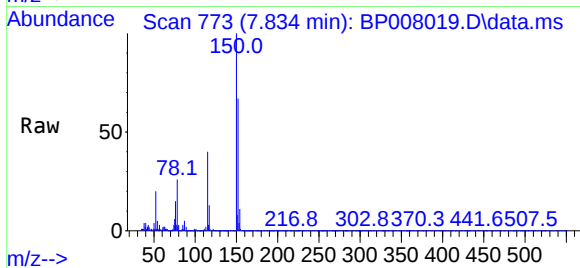
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP



Tgt Ion:152 Resp: 95710
Ion Ratio Lower Upper
152 100
150 148.6 124.1 186.1
115 58.7 48.1 72.1

Manual Integrations

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Reviewed By :Jagrut

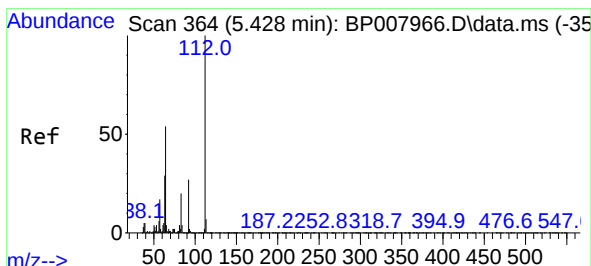
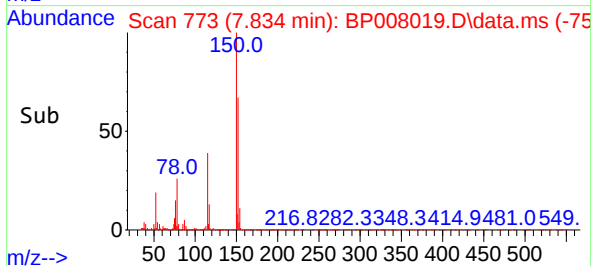
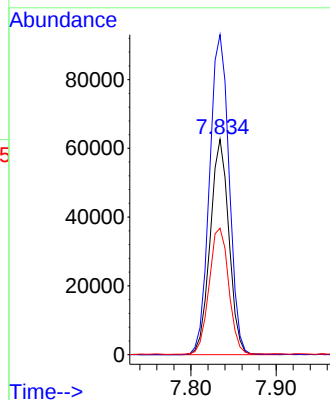
Upadhyay

11/19/2021

Supervised By :Sohil

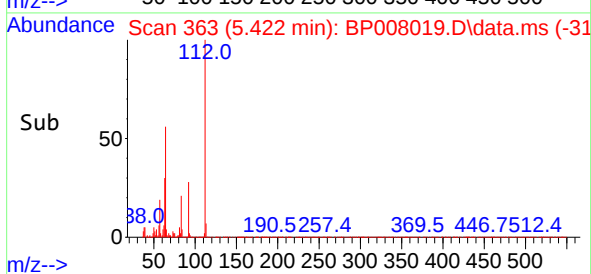
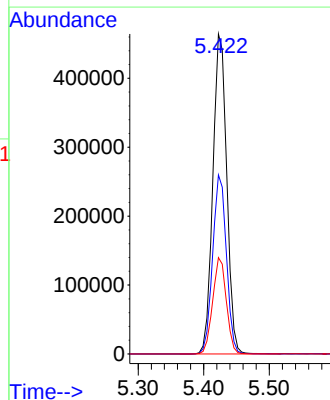
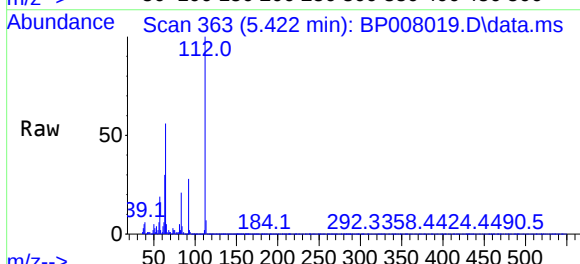
Jodhani

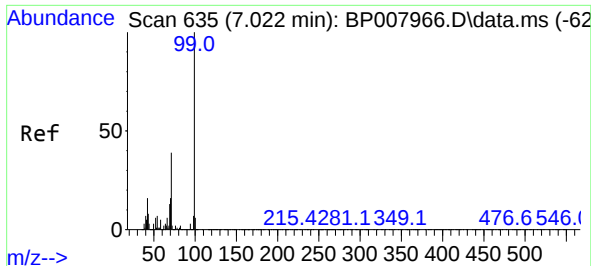
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#5
2-Fluorophenol
Concen: 115.398 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:112 Resp: 680881
Ion Ratio Lower Upper
112 100
64 55.9 46.6 70.0
63 30.1 25.0 37.6





#7
Phenol-d6
Concen: 103.044 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

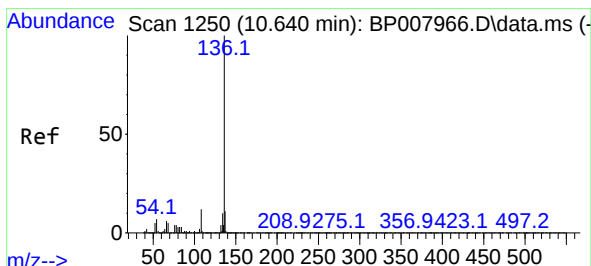
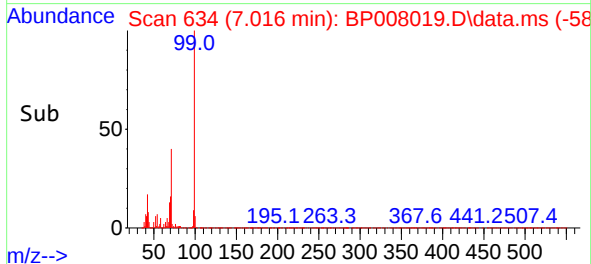
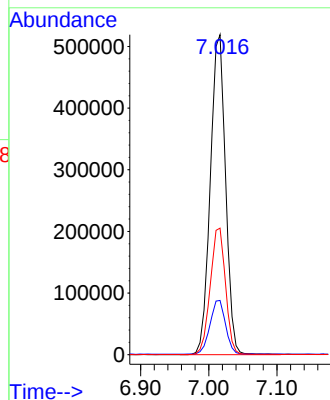
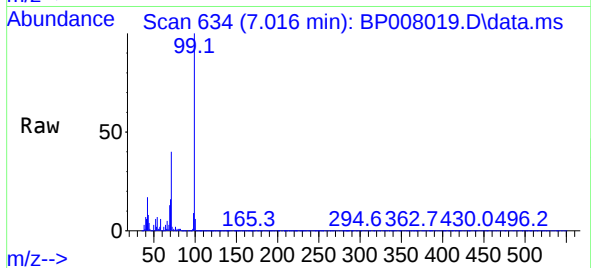
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

Tgt Ion: 99 Resp: 80883
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 39.5 29.2 43.8

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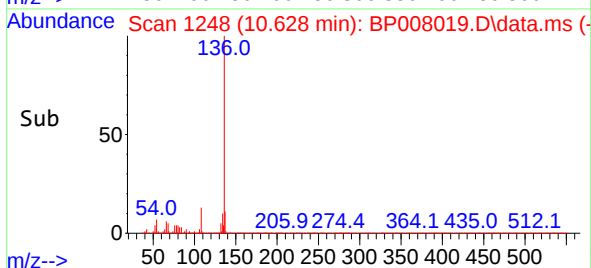
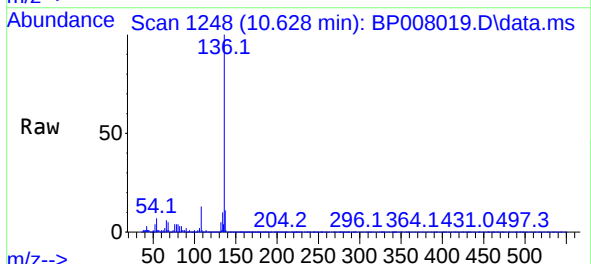
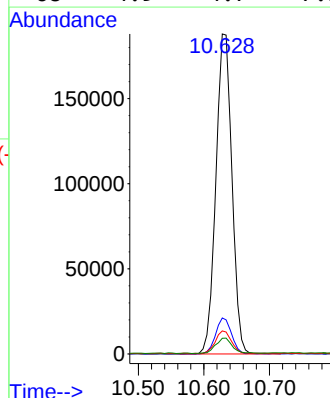
Reviewed By :Jagrut
Upadhyay
11/19/2021

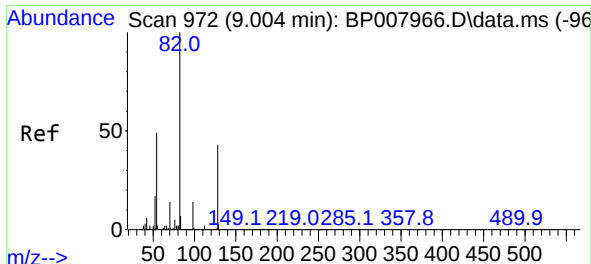
Supervised By :Sohil
Jodhani
11/30/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:136 Resp: 318349
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.2 6.2 9.4
68 4.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 82.566 ng
RT: 8.993 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

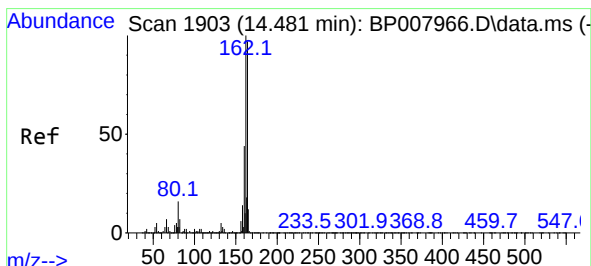
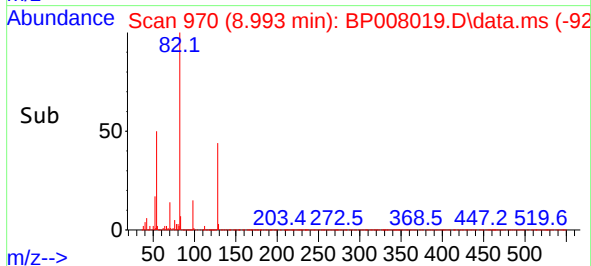
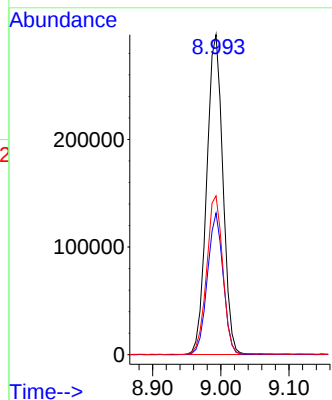
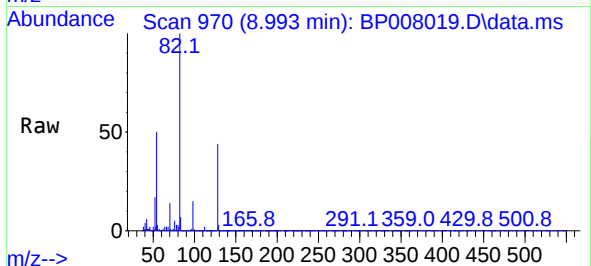
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Tgt Ion: 82 Resp: 491179
Ion Ratio Lower Upper
82 100
128 44.3 32.6 48.8
54 49.7 40.4 60.6

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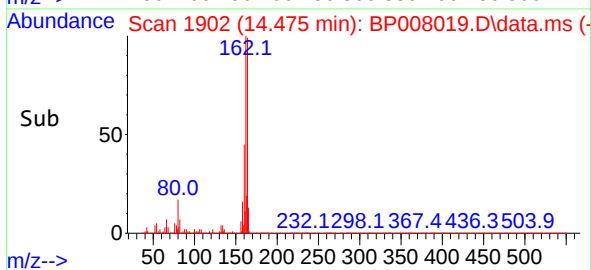
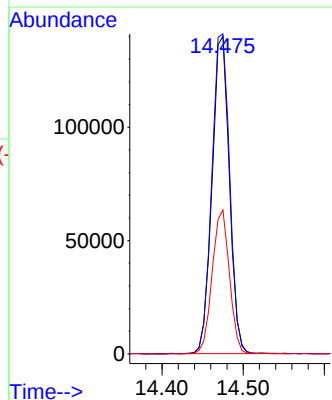
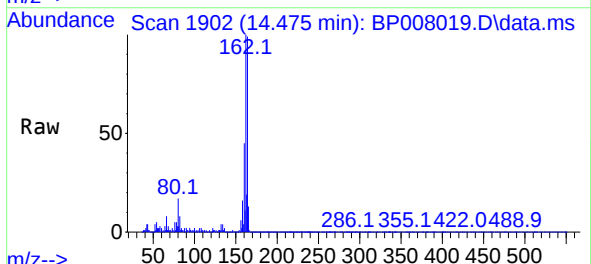
Reviewed By :Jagrut
Upadhyay
11/19/2021

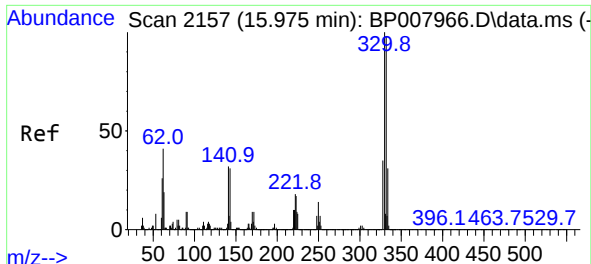
Supervised By :Sohil
Jodhani
11/30/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:164 Resp: 206515
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 45.4 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 129.139 ng
RT: 15.969 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

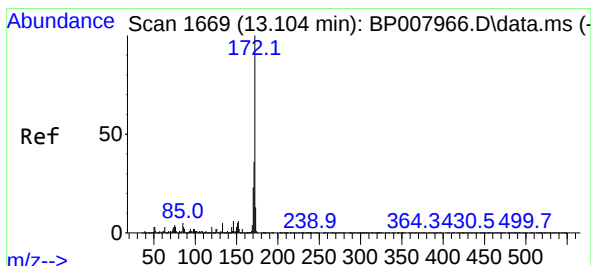
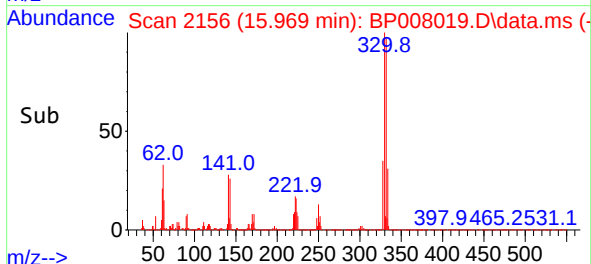
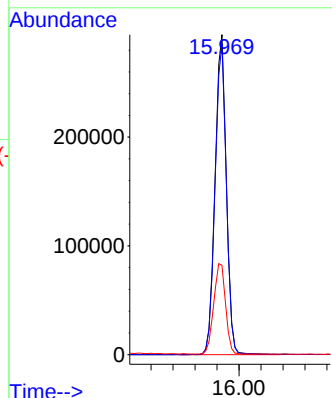
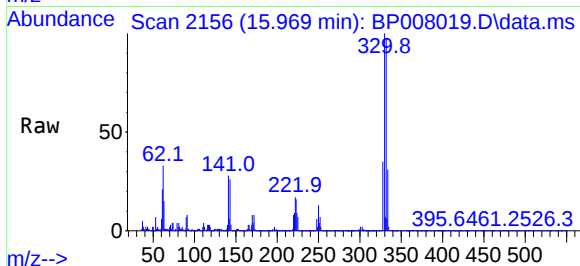
TP-2-COMP

Tgt Ion:330 Resp: 419600
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 29.6 30.7 46.1

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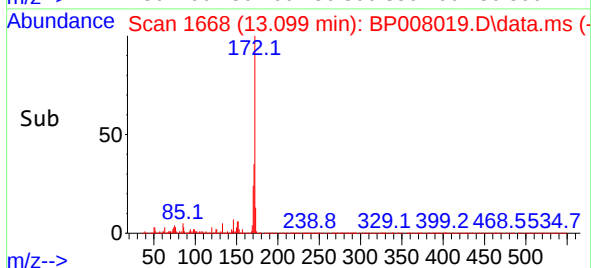
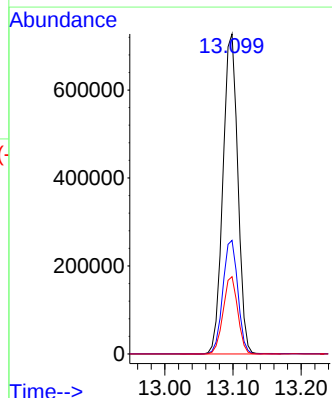
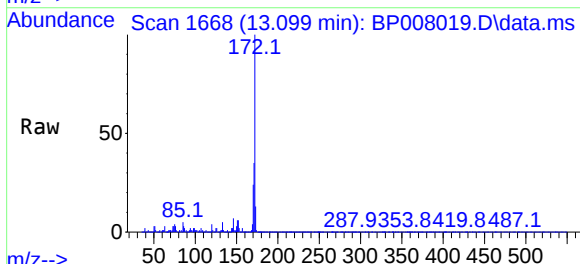
Reviewed By :Jagrut
Upadhyay
11/19/2021

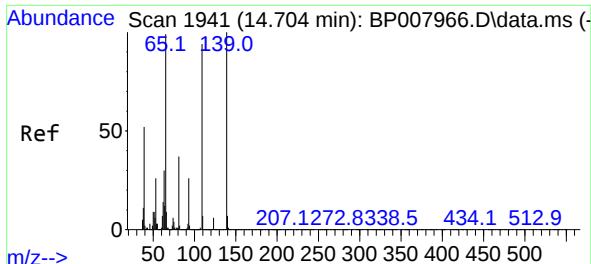
Supervised By :Sohil
Jodhani
11/30/2021



#45
2-Fluorobiphenyl
Concen: 75.005 ng
RT: 13.099 min Scan# 1668
Delta R.T. -0.005 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

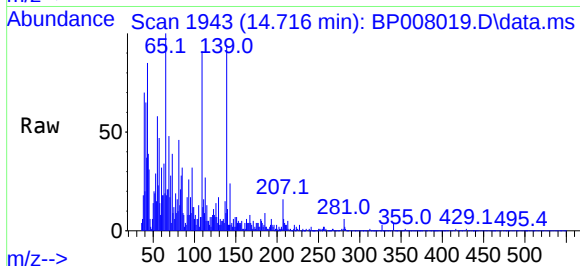
Tgt Ion:172 Resp: 1104258
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.2 19.0 28.4





#56
4-Nitrophenol
Concen: 3.962 ng m
RT: 14.716 min Scan# 1941
Delta R.T. 0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

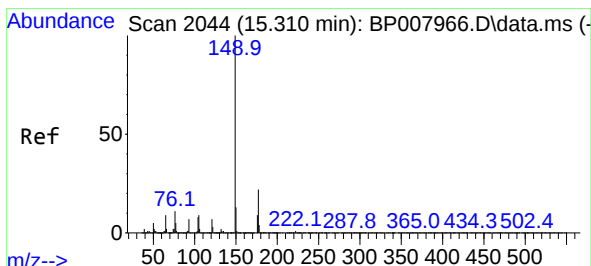
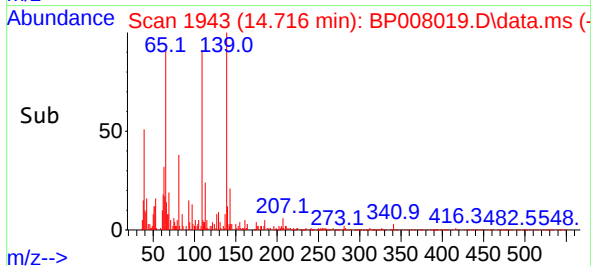
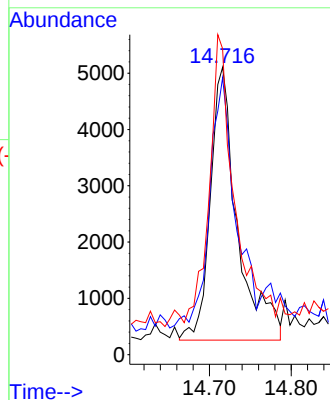


Tgt Ion:139 Resp: 11170
Ion Ratio Lower Upper
139 100
109 96.4 60.9 100.9
65 106.5 76.5 116.5

Manual Integrations
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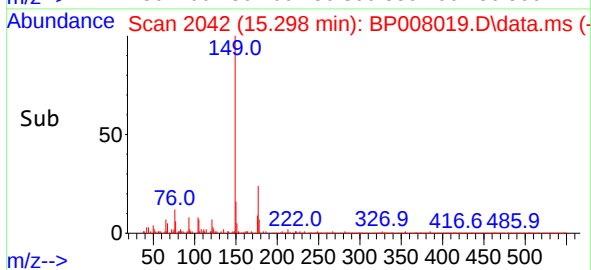
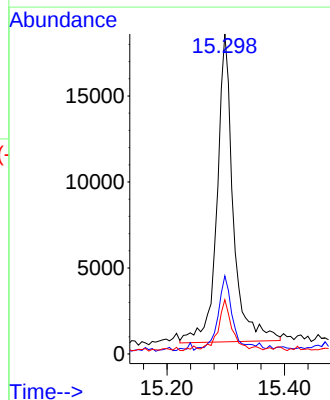
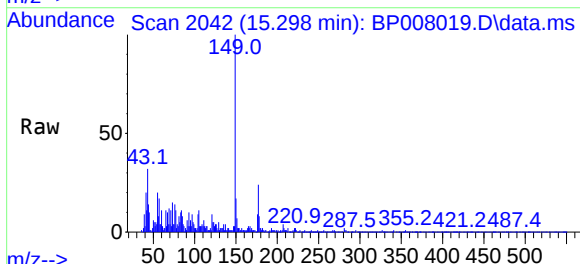
Reviewed By :Jagrut
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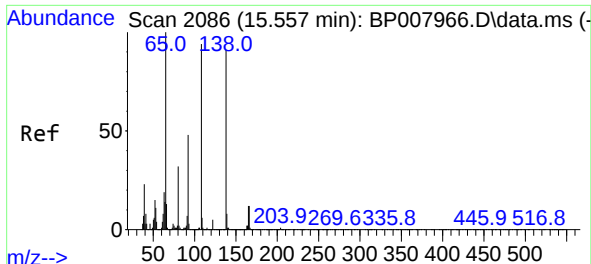
Supervised By :Sohil
Jodhani
11/30/2021



#60
Diethylphthalate
Concen: 2.177 ng
RT: 15.298 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:149 Resp: 34287
Ion Ratio Lower Upper
149 100
177 24.4 17.8 26.8
150 16.9 10.2 15.2#





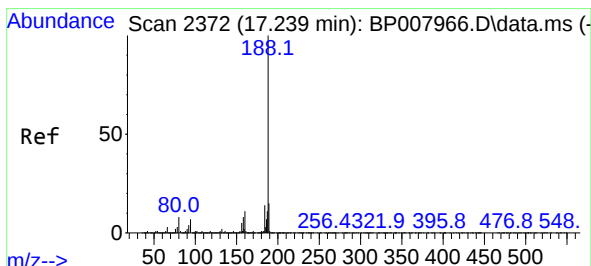
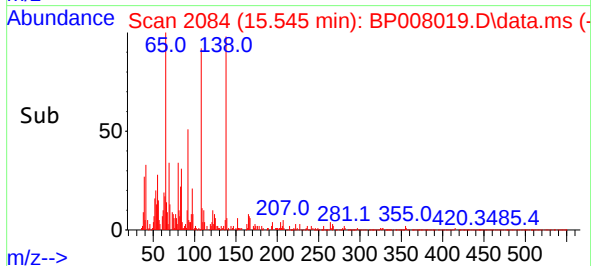
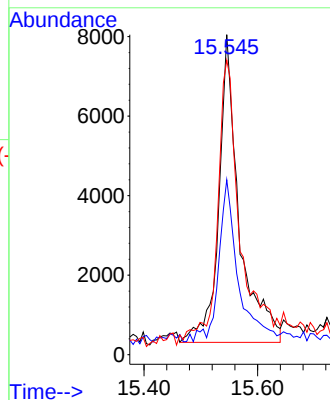
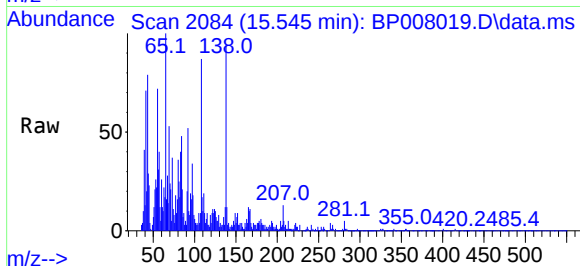
#62
4-Nitroaniline
Concen: 5.466 ng
RT: 15.545 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

Tgt Ion:138 Resp: 1944
Ion Ratio Lower Upper
138 100
92 54.7 30.7 70.7
108 92.1 71.2 111.2

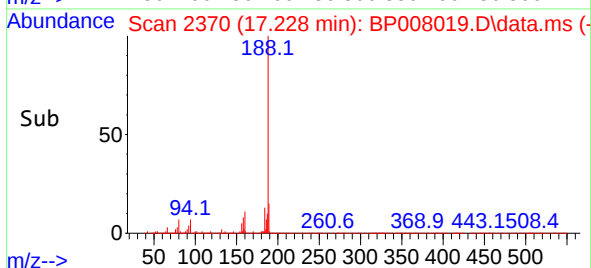
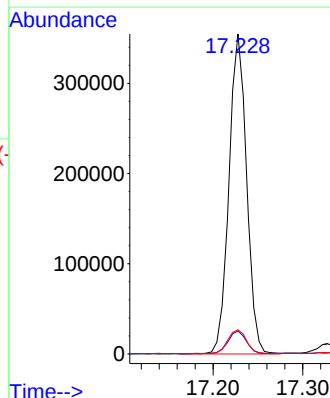
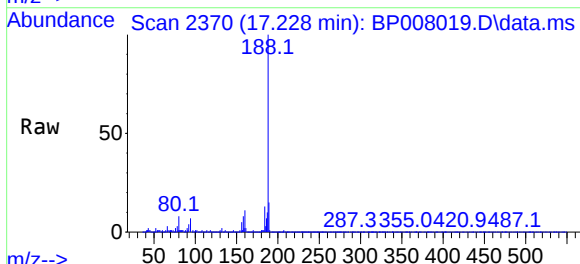
Manual Integrations
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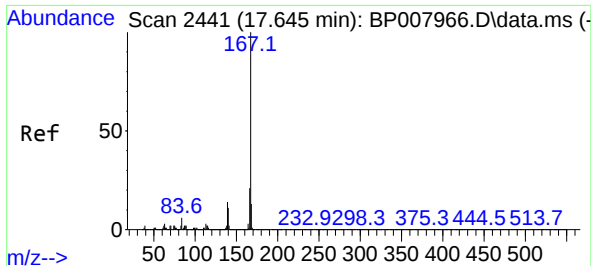
Reviewed By :Jagrut
Upadhyay
11/19/2021
Supervised By :Sohil
Jodhani
11/30/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:188 Resp: 483787
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.5 7.8 11.6





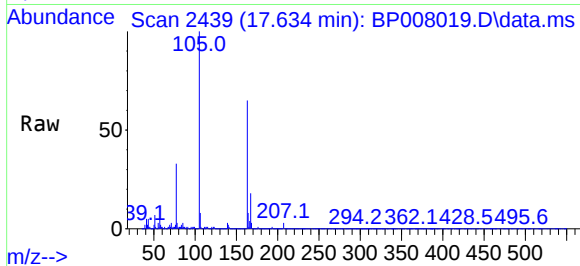
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 Carbazole
 Concen: 5.075 ng
 RT: 17.634 min Scan# 2441
 Delta R.T. -0.012 min
 Lab File: BP008019.D
 Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

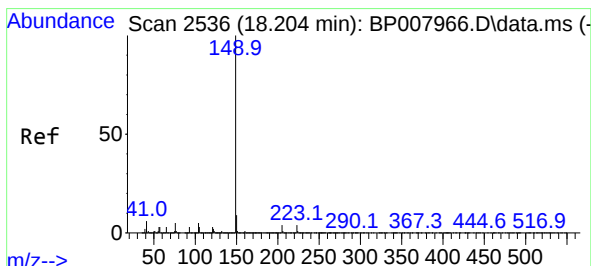
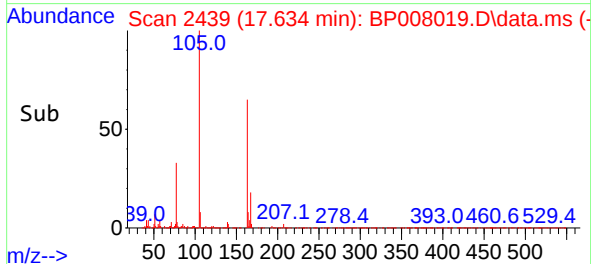
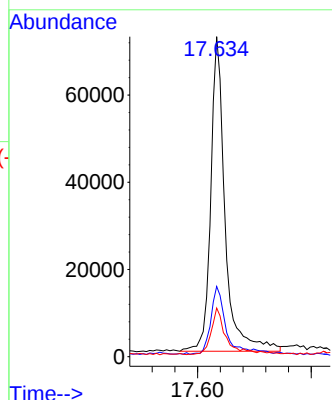


Tgt Ion:167 Resp: 126260
 Ion Ratio Lower Upper
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 166 22.0 17.3 25.9
 139 15.2 10.4 15.6

Manual Integrations
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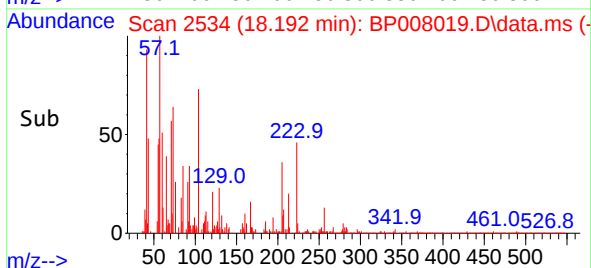
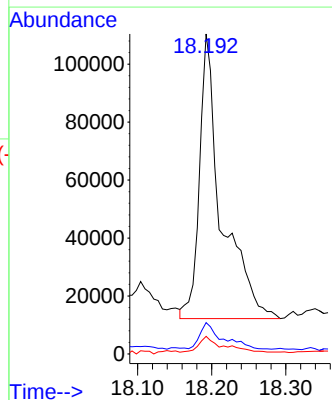
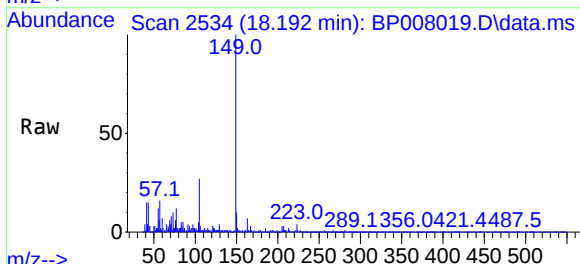
Reviewed By :Jagrut
 Upadhyay
 11/19/2021

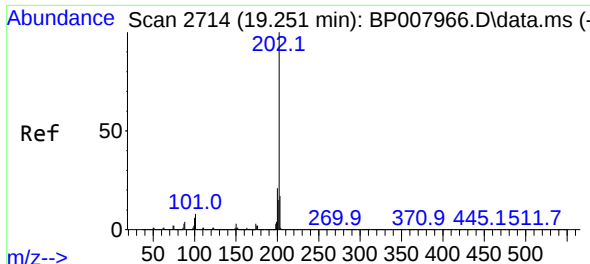
Supervised By :Sohil
 Jodhani
 11/30/2021



#74
 Di-n-butylphthalate
 Concen: 7.207 ng
 RT: 18.192 min Scan# 2534
 Delta R.T. -0.012 min
 Lab File: BP008019.D
 Acq: 18 Nov 2021 16:44

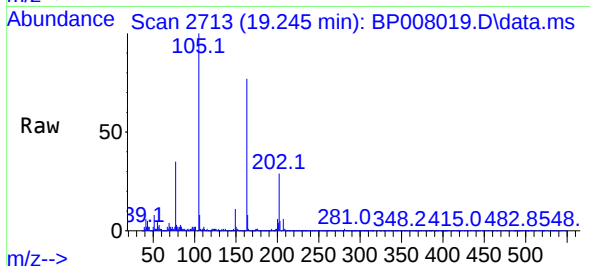
Tgt Ion:149 Resp: 202955
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 5.014 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

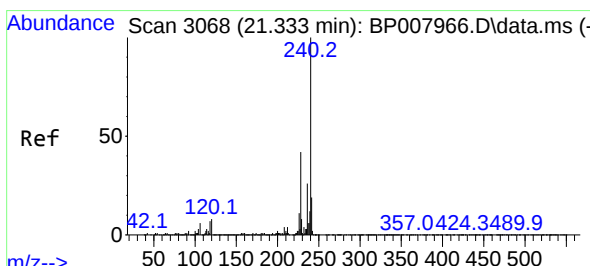
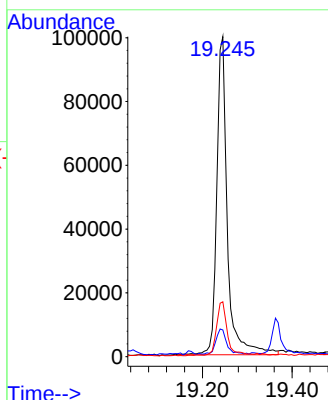
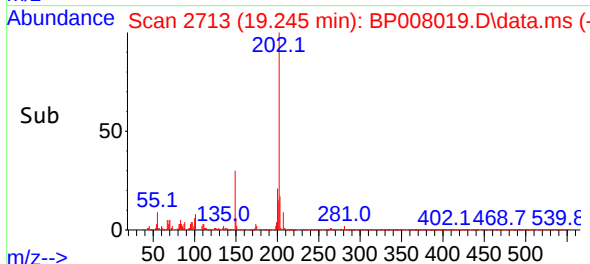
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP



Tgt Ion:202 Resp: 163628
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.4
203 17.2 0.0 37.6

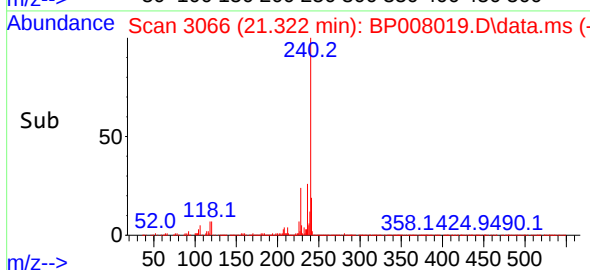
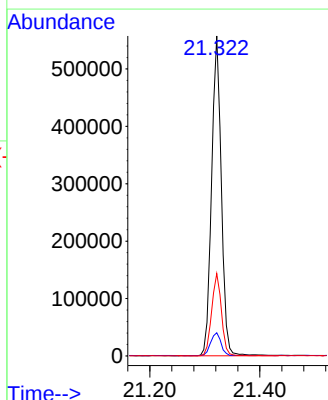
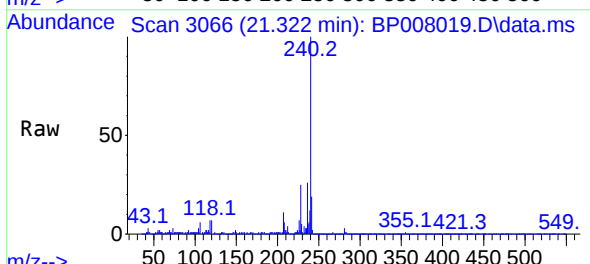
Manual Integrations
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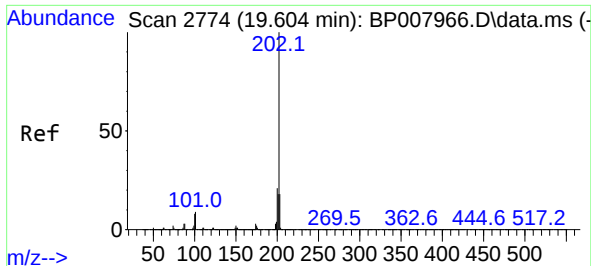
Reviewed By :Jagrut
Upadhyay
11/19/2021
Supervised By :Sohil
Jodhani
11/30/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:240 Resp: 686757
Ion Ratio Lower Upper
240 100
120 7.3 7.8 11.8#
236 25.7 20.6 30.8





#78
Pyrene
Concen: 4.800 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

Tgt Ion:202 Resp: 197145
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.5 13.8 20.6

Manual Integrations

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Reviewed By :Jagrut

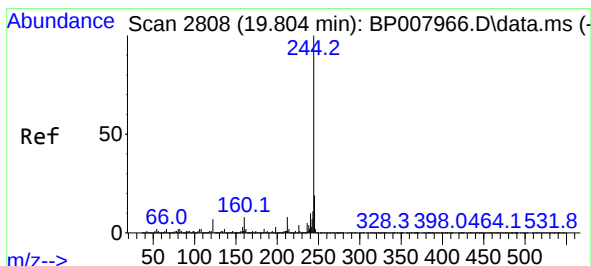
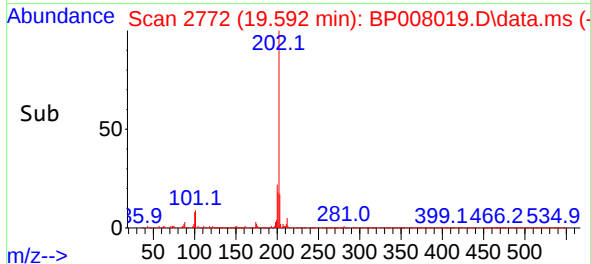
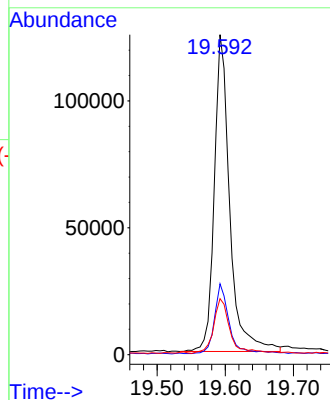
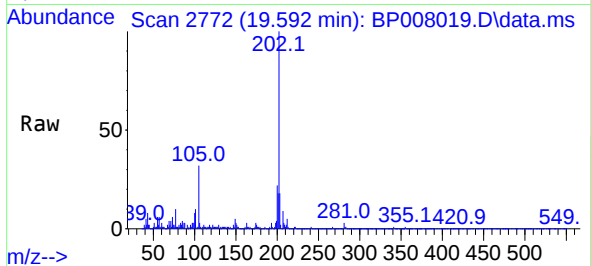
Upadhyay

11/19/2021

Supervised By :Sohil

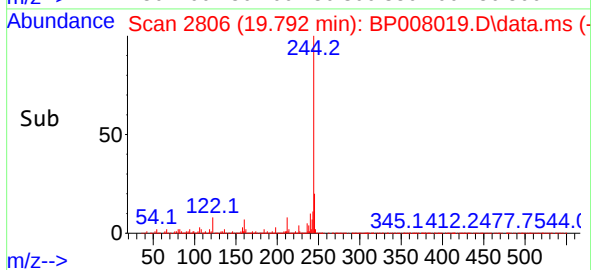
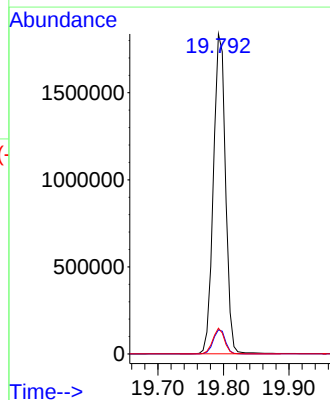
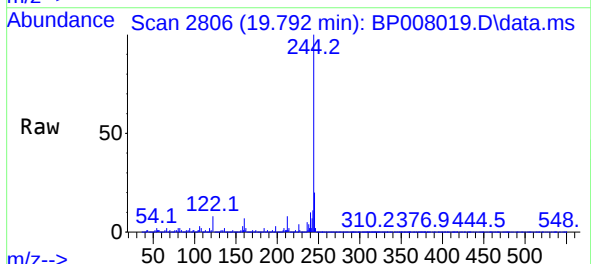
Jodhani

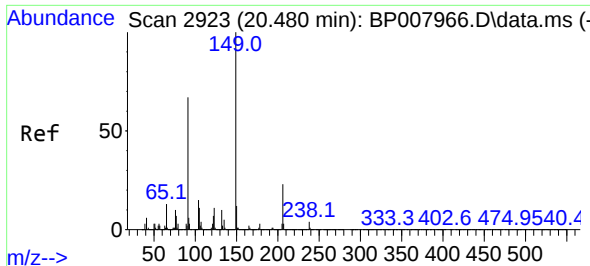
11/30/2021



#79
Terphenyl-d14
Concen: 69.741 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:244 Resp: 2362033
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 8.1 7.8 11.8





#80
Butylbenzylphthalate
Concen: 21.275 ng
RT: 20.475 min Scan# 2923
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

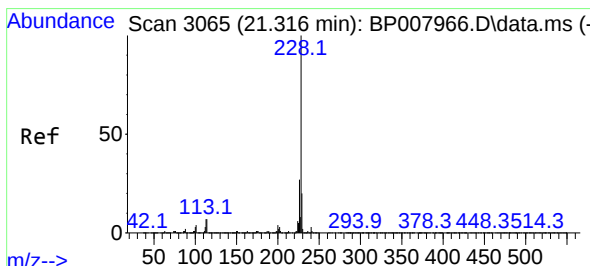
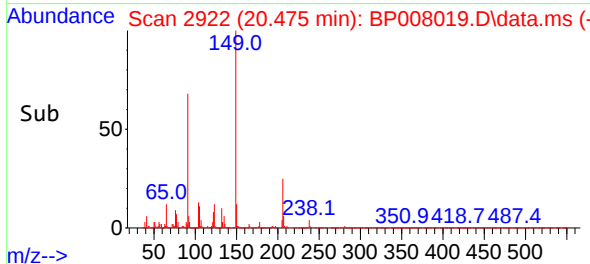
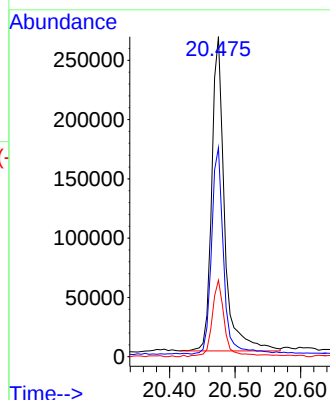
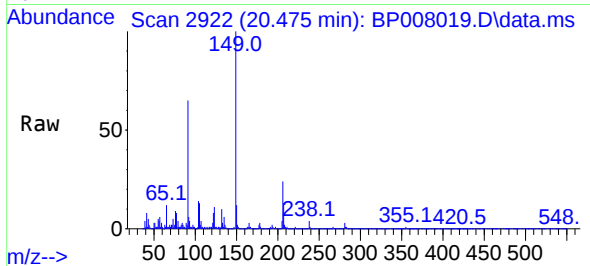
TP-2-COMP

Tgt Ion:149 Resp: 360772
Ion Ratio Lower Upper
149 100
91 65.3 56.6 85.0
206 23.9 17.4 26.2

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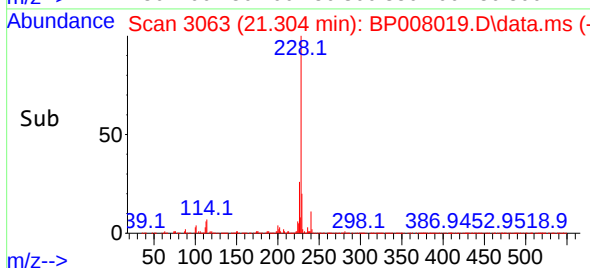
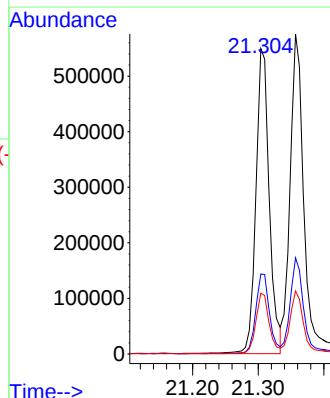
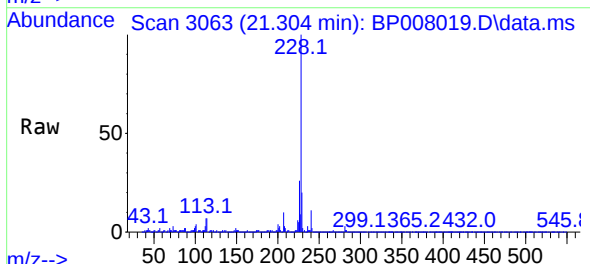
Reviewed By :Jagrut
Upadhyay
11/19/2021

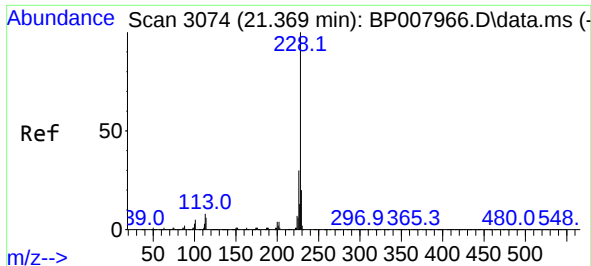
Supervised By :Sohil
Jodhani
11/30/2021



#81
Benzo(a)anthracene
Concen: 17.157 ng
RT: 21.304 min Scan# 3063
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

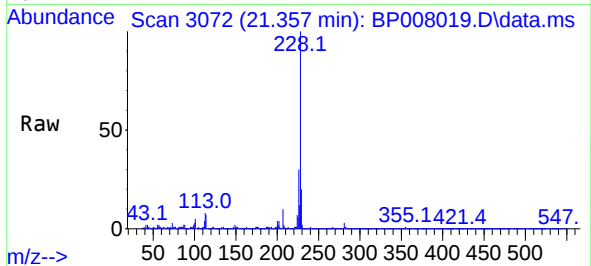
Tgt Ion:228 Resp: 775692
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.6
229 19.9 15.7 23.5





#83
Chrysene
Concen: 19.658 ng
RT: 21.357 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

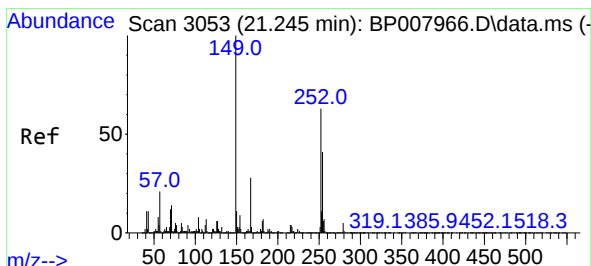
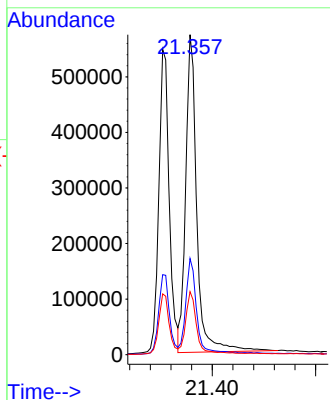
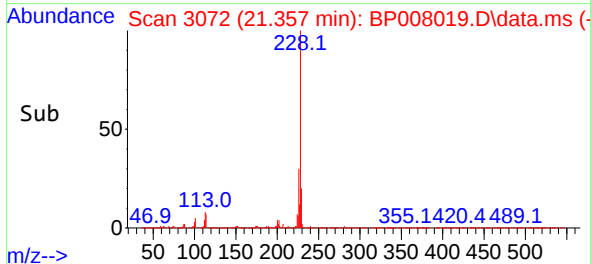
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP



Tgt Ion:228 Resp: 85187
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.7 15.7 23.5

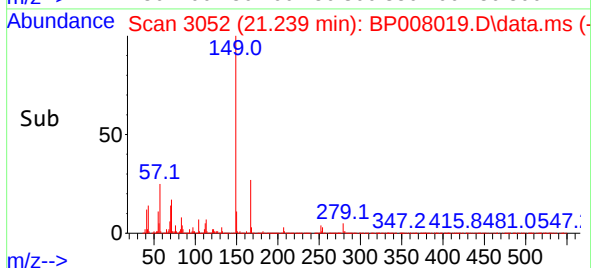
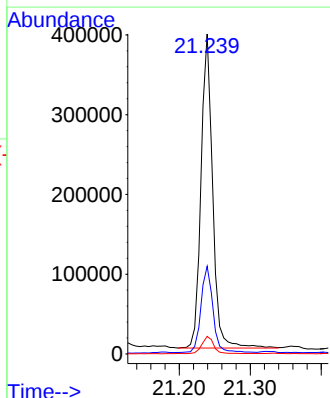
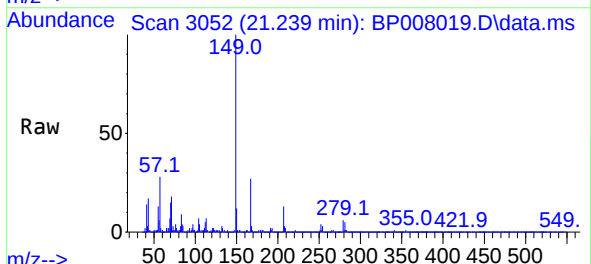
Manual Integrations
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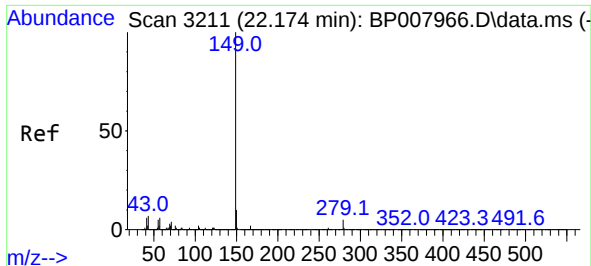
Reviewed By :Jagrut
Upadhyay
11/19/2021
Supervised By :Sohil
Jodhani
11/30/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.602 ng
RT: 21.239 min Scan# 3052
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

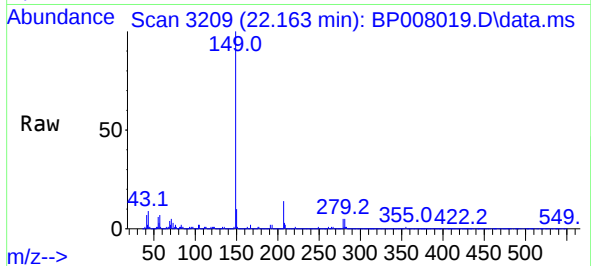
Tgt Ion:149 Resp: 450368
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 5.5 3.3 4.9#





#85
Di-n-octyl phthalate
Concen: 17.806 ng
RT: 22.163 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

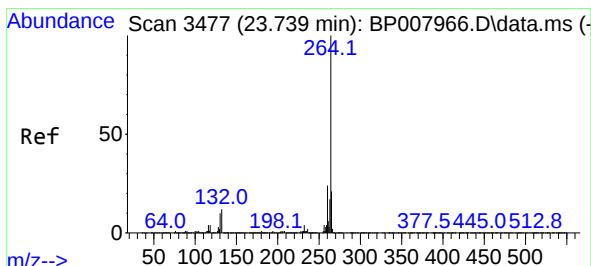
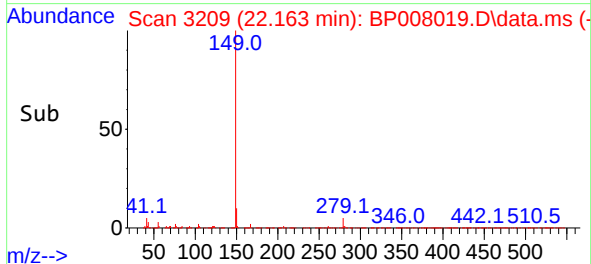
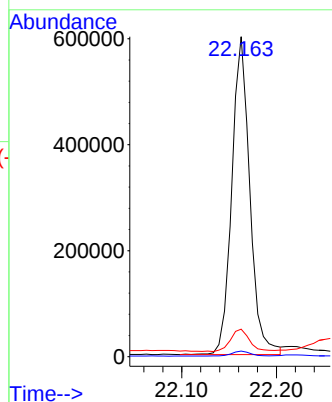
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP



Tgt Ion:149 Resp: 794472
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.4 7.3 10.9

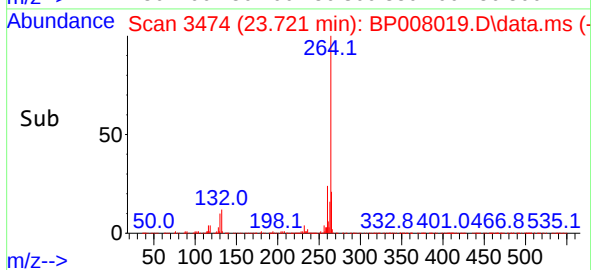
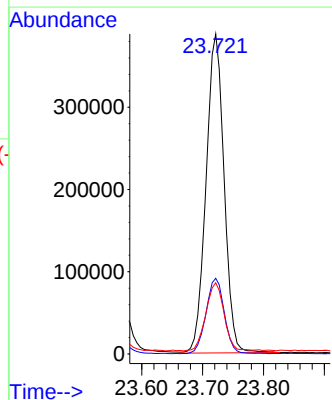
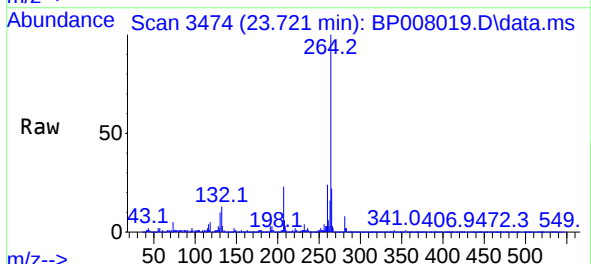
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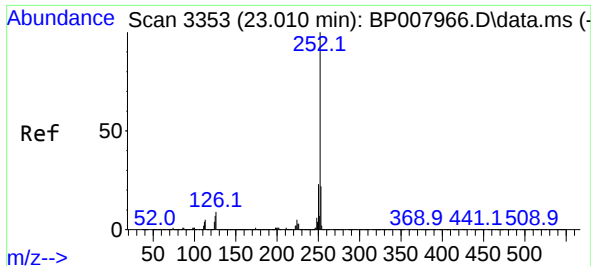
Reviewed By :Jagrut
Upadhyay
11/19/2021
Supervised By :Sohil
Jodhani
11/30/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3474
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:264 Resp: 797387
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.3 16.7 25.1





#88
Benzo(b)fluoranthene
Concen: 13.399 ng
RT: 22.992 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

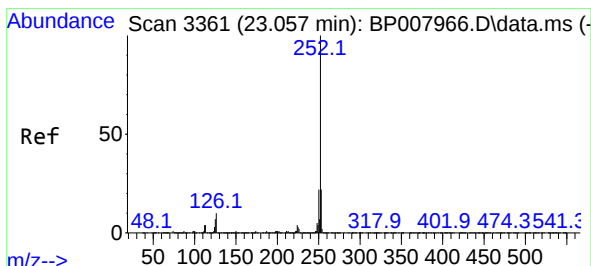
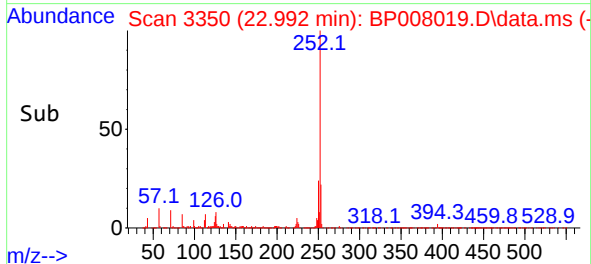
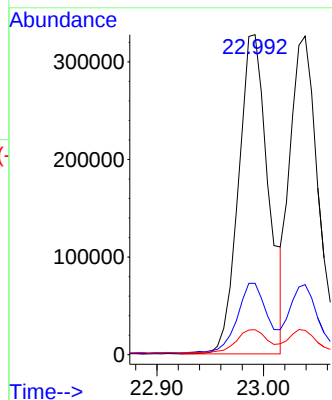
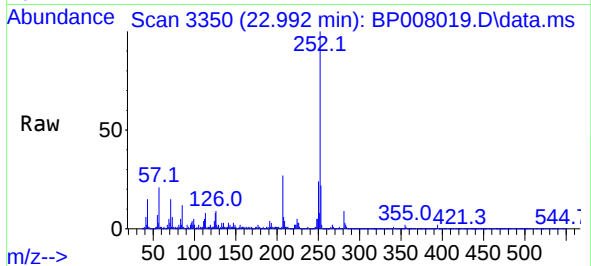
TP-2-COMP

Tgt Ion:252 Resp: 635974
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.8 7.4 11.0

Manual Integrations
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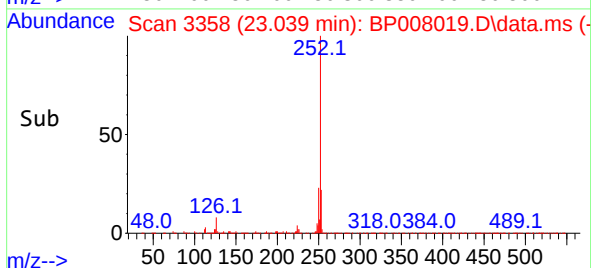
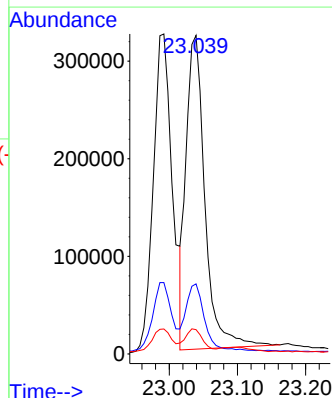
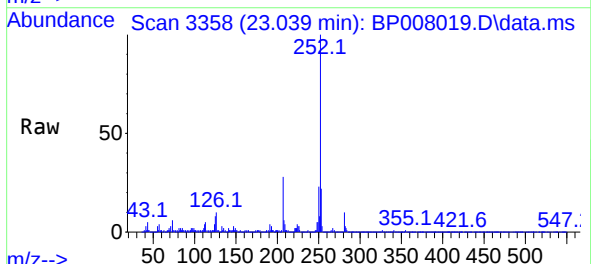
Reviewed By :Jagrut
Upadhyay
11/19/2021

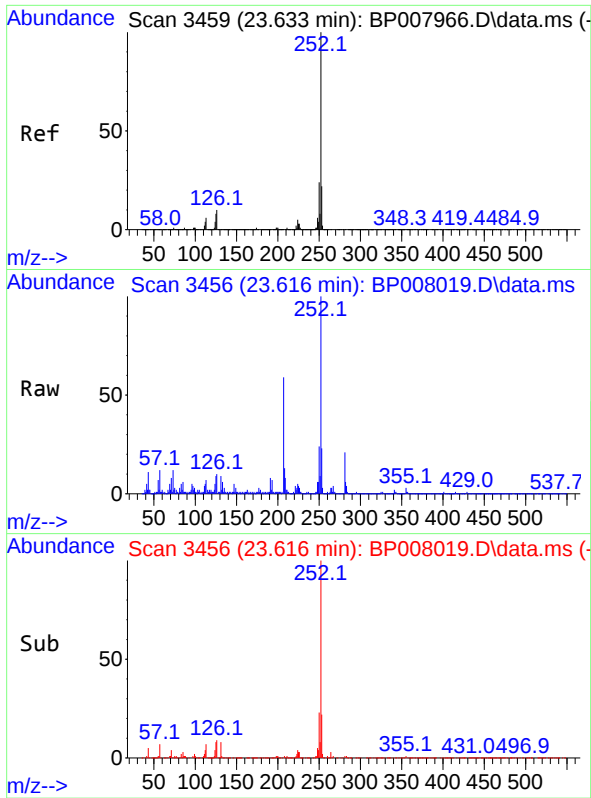
Supervised By :Sohil
Jodhani
11/30/2021



#89
Benzo(k)fluoranthene
Concen: 12.928 ng
RT: 23.039 min Scan# 3358
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:252 Resp: 612994
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.6 7.4 11.0





#90

Benzo(a)pyrene

Concen: 8.196 ng

RT: 23.616 min Scan# 34

Delta R.T. -0.017 min

Lab File: BP008019.D

Acq: 18 Nov 2021 16:44

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

Tgt Ion:252 Resp: 332719

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 8.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

11/19/2021

Supervised By :Sohil

Jodhani

11/30/2021

