

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
 Data File : BP008918.D
 Acq On : 25 Jan 2022 21:02
 Operator : CG/JU
 Sample : N1245-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(0.5-1)

Quant Time: Jan 26 01:59:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2022
 Supervised By : Jagrut Upadhyay 01/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	329309	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1207357	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	761361	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	1624676	20.000	ng	0.00
76) Chrysene-d12	21.328	240	1726172	20.000	ng	0.00
86) Perylene-d12	23.745	264	1917396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	503243	23.632	ng	0.00
7) Phenol-d6	7.016	99	649498	25.187	ng	0.00
23) Nitrobenzene-d5	8.993	82	399948	18.807	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	190347	17.176	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1055338	18.279	ng	0.00
79) Terphenyl-d14	19.792	244	1704021	16.663	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.275	178	537258	5.873	ng	98
75) Fluoranthene	19.245	202	2174491	21.376	ng	97
78) Pyrene	19.598	202	2400054	19.927	ng	98
81) Benzo(a)anthracene	21.310	228	1383105	11.910	ng	99
83) Chrysene	21.363	228	1201566	10.673	ng	97
87) Indeno(1,2,3-cd)pyrene	26.263	276	832547	5.269	ng	95
88) Benzo(b)fluoranthene	23.010	252	1688174	13.184	ng	96
89) Benzo(k)fluoranthene	23.051	252	588612m	4.749	ng	
90) Benzo(a)pyrene	23.639	252	1130165	9.144	ng	97
92) Benzo(g,h,i)perylene	27.039	276	768940	5.862	ng	98

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

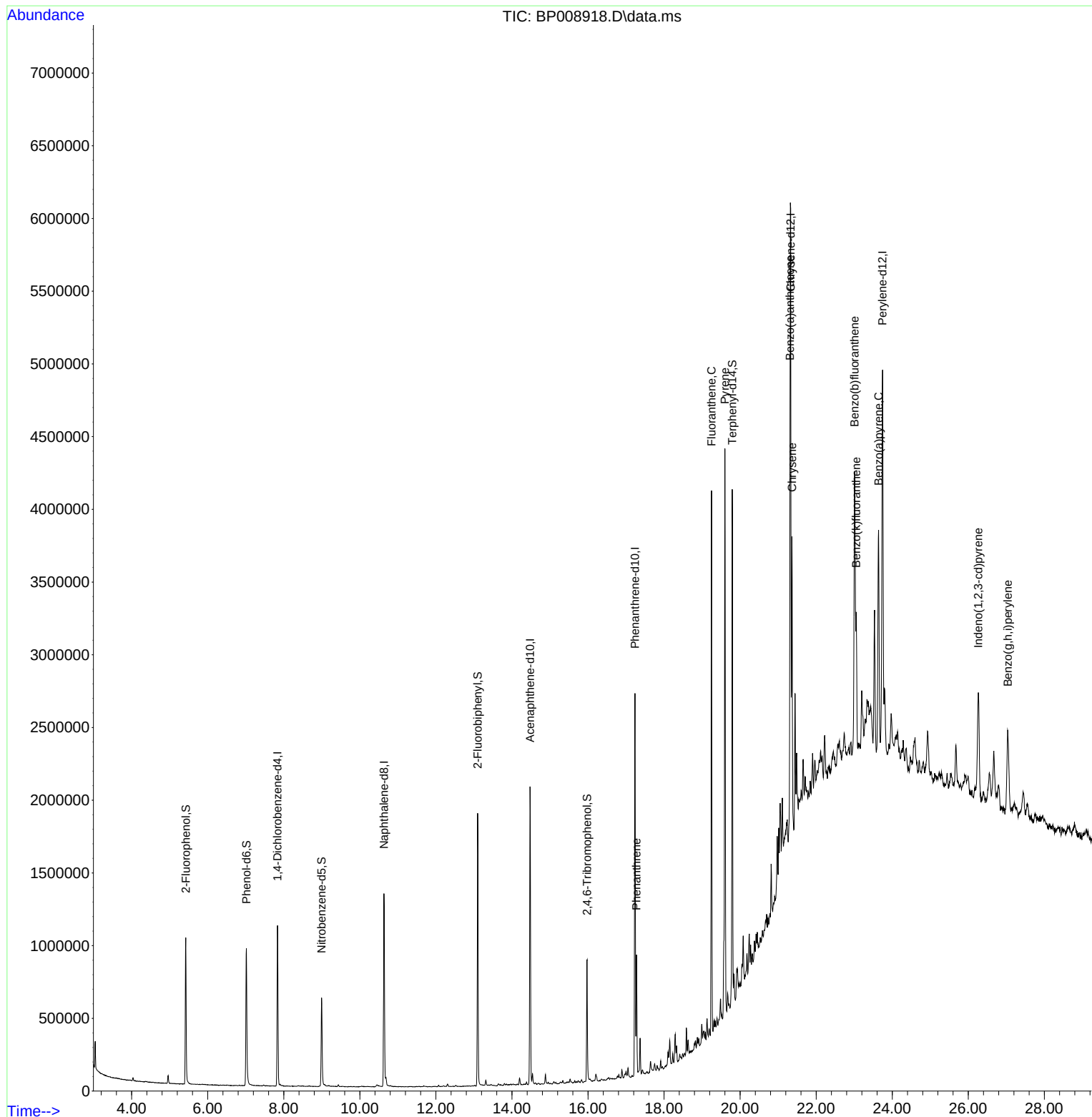
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008918.D
Acq On : 25 Jan 2022 21:02
Operator : CG/JU
Sample : N1245-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

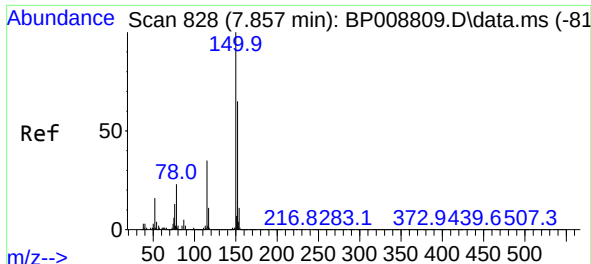
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)

Quant Time: Jan 26 01:59:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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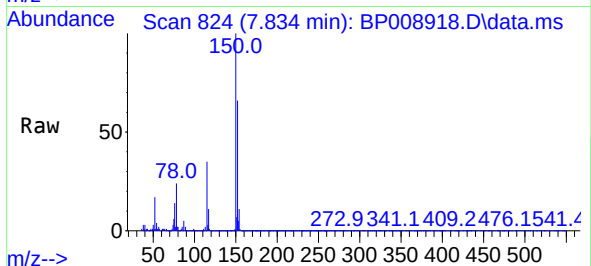
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

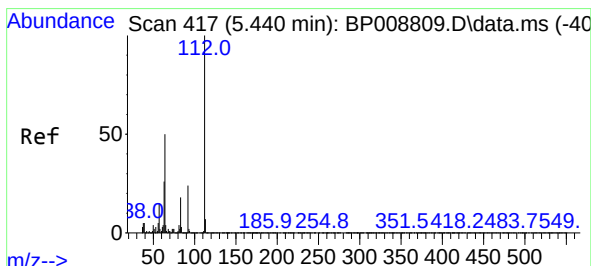
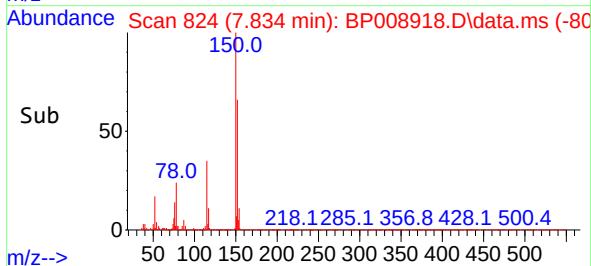
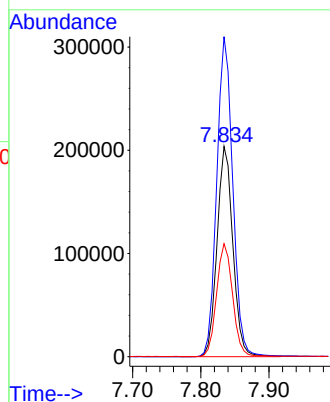
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:152 Resp: 329309
Ion Ratio Lower Upper
152 100
150 152.2 127.0 190.6
115 53.7 43.7 65.5

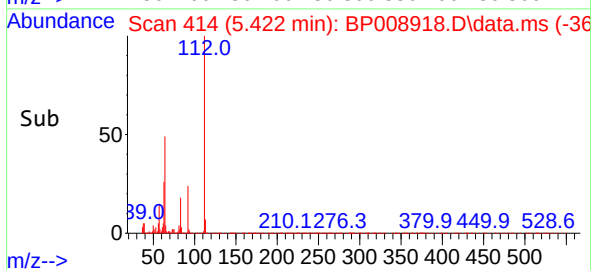
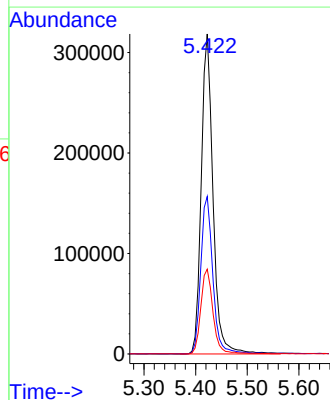
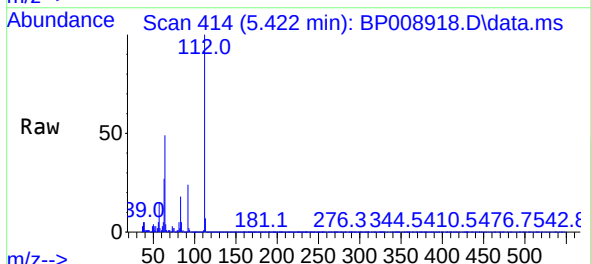
Manual Integrations
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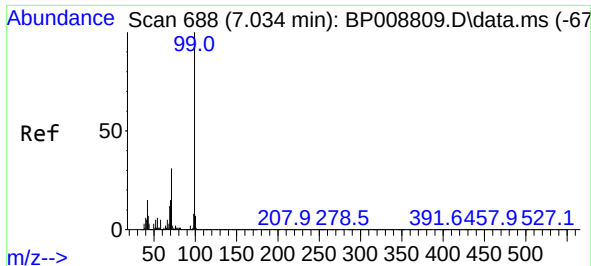
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#5
2-Fluorophenol
Concen: 23.632 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

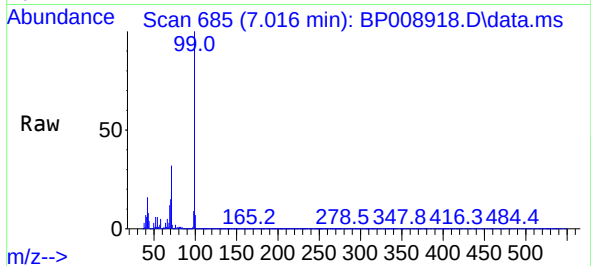
Tgt Ion:112 Resp: 503243
Ion Ratio Lower Upper
112 100
64 49.2 39.7 59.5
63 26.5 20.0 30.0





#7
Phenol-d6
Concen: 25.187 ng
RT: 7.016 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

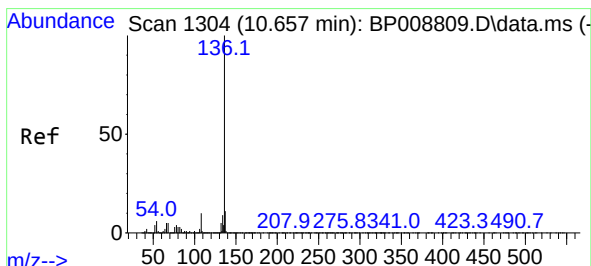
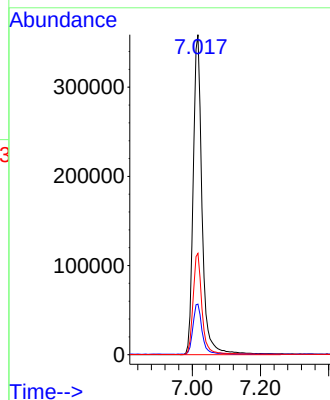
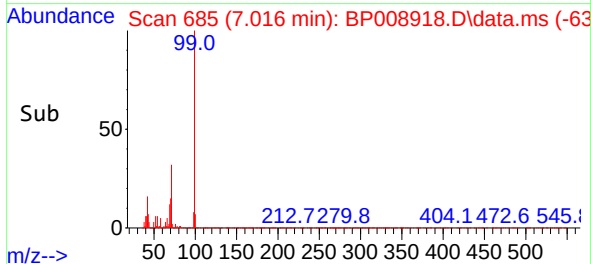
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion: 99 Resp: 649498
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 31.6 23.8 35.6

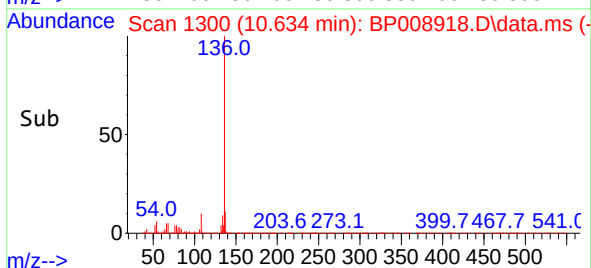
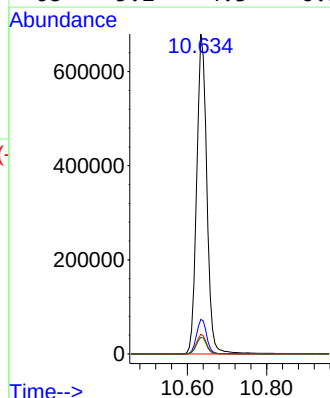
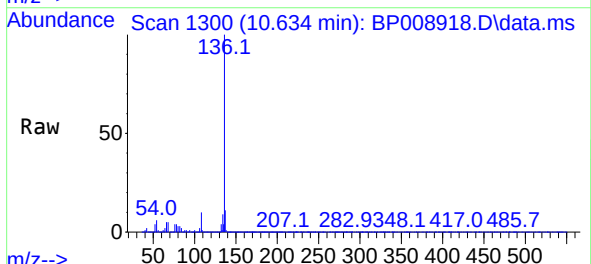
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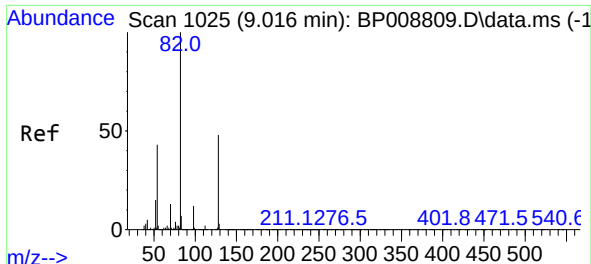
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

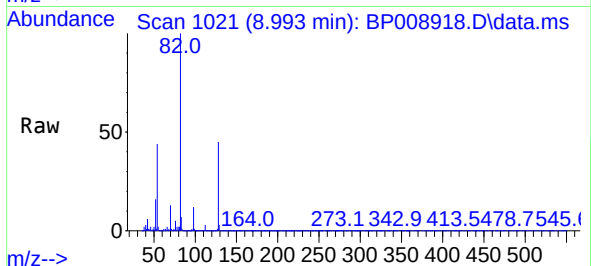
Tgt Ion:136 Resp: 1207357
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.2 4.9 7.3
68 5.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 18.807 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

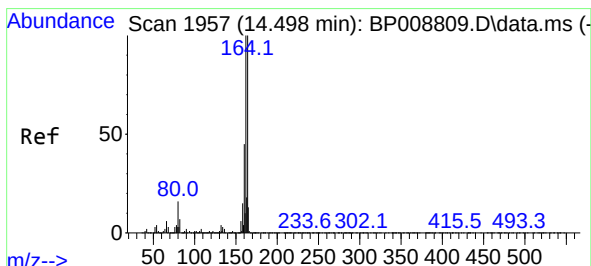
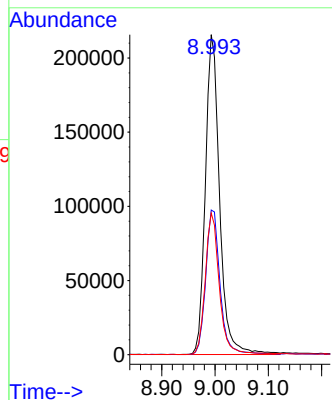
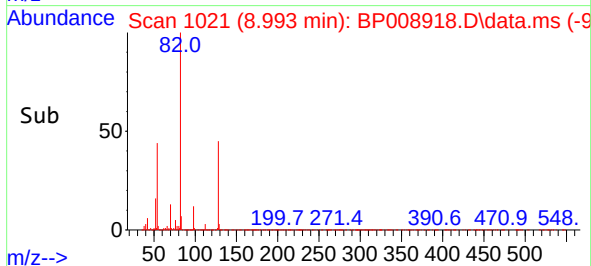
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion: 82 Resp: 399948
Ion Ratio Lower Upper
82 100
128 45.2 39.4 59.2
54 44.2 32.6 48.8

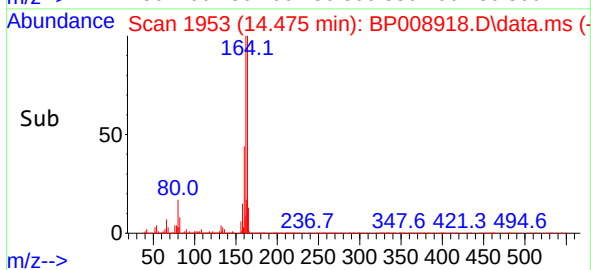
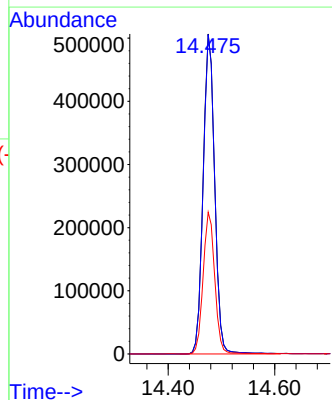
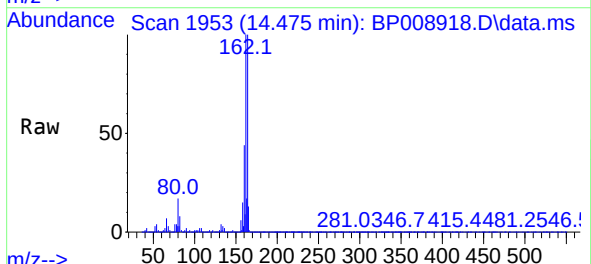
Manual Integrations
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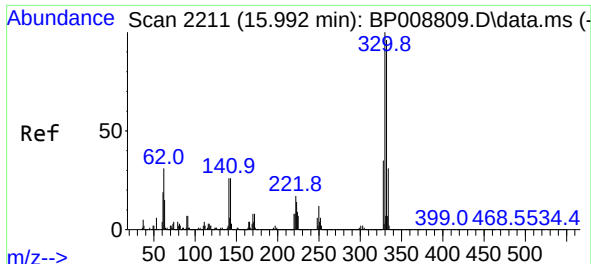
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

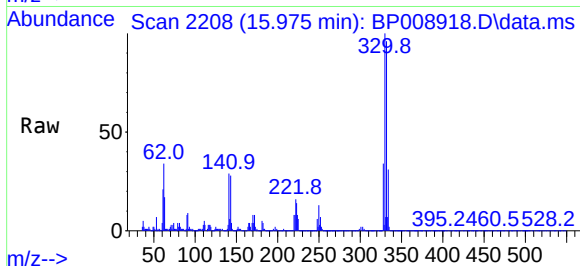
Tgt Ion:164 Resp: 761361
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 44.3 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 17.176 ng
RT: 15.975 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

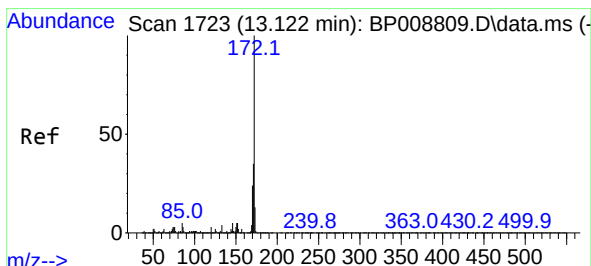
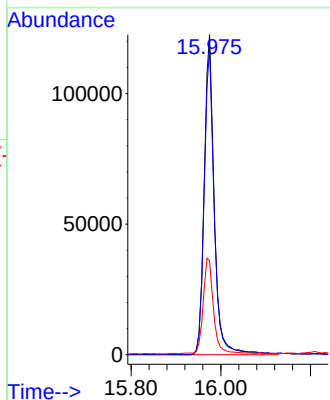
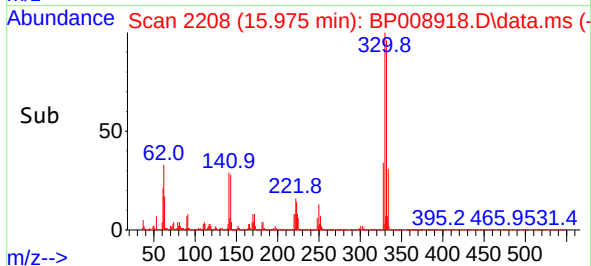
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:330 Resp: 19034
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 30.8 21.3 31.9

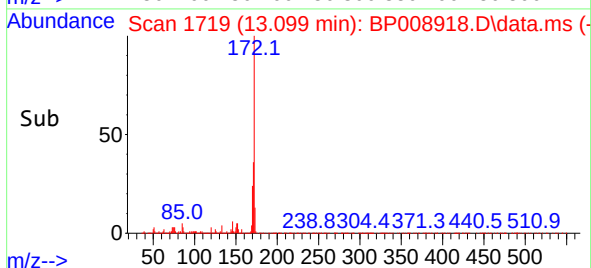
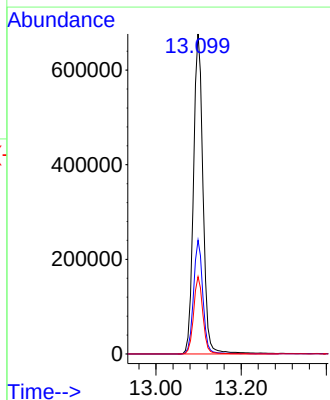
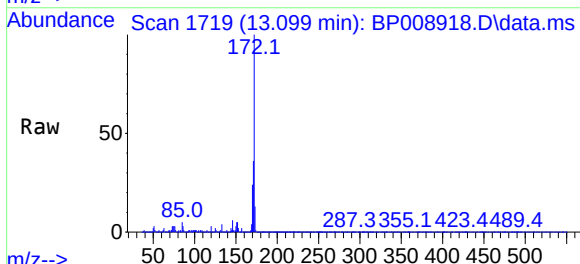
Manual Integrations
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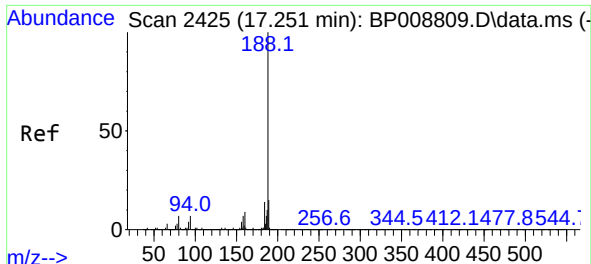
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#45
2-Fluorobiphenyl
Concen: 18.279 ng
RT: 13.099 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

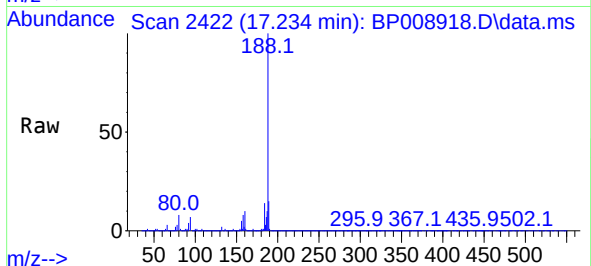
Tgt Ion:172 Resp: 1055338
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

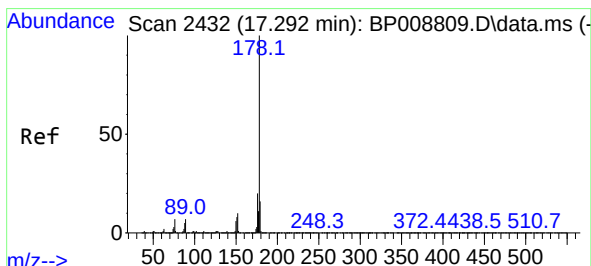
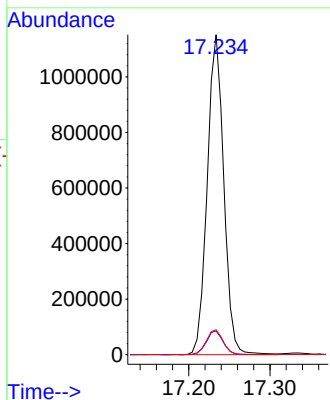
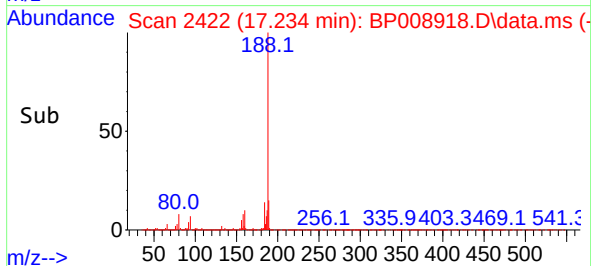
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:188 Resp: 1624670
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 7.2 10.8

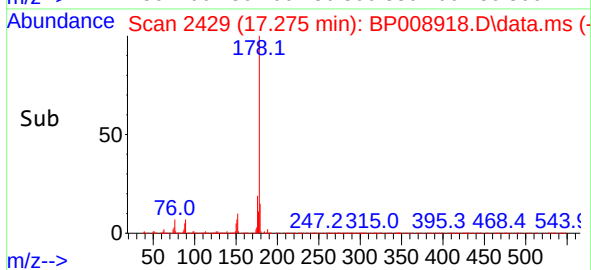
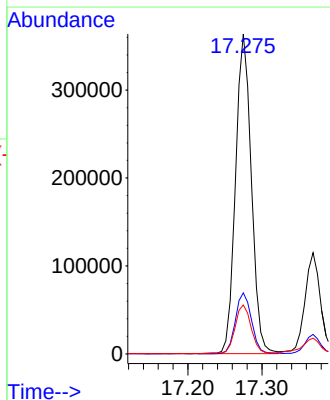
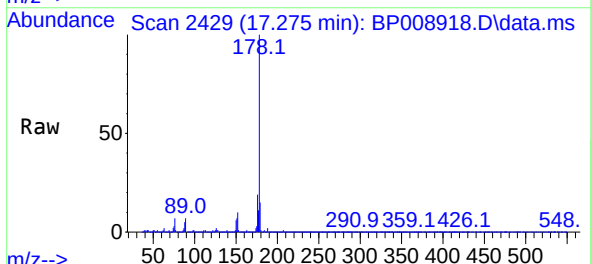
Manual Integrations
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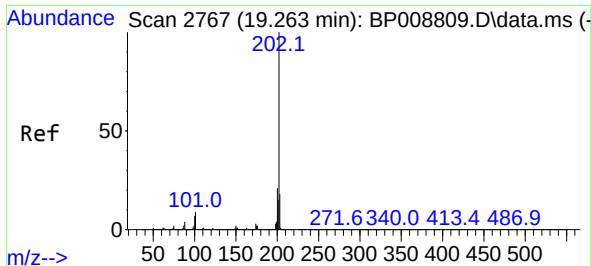
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#71
Phenanthrene
Concen: 5.873 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

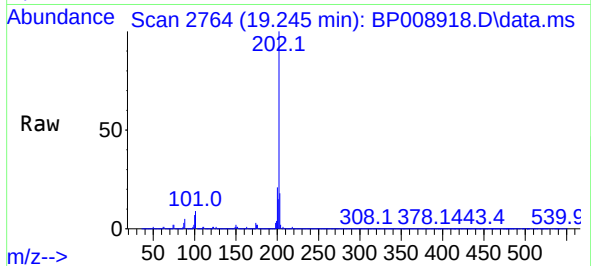
Tgt Ion:178 Resp: 537258
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 13.0 19.4





#75
Fluoranthene
Concen: 21.376 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

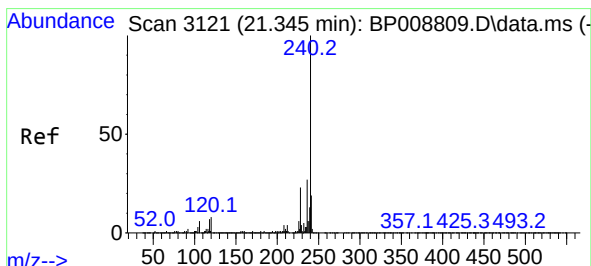
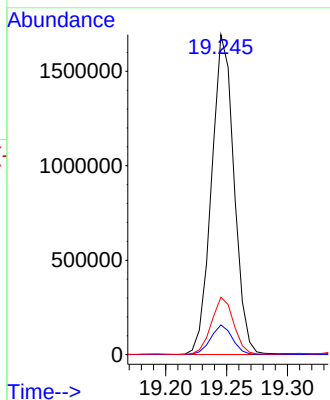
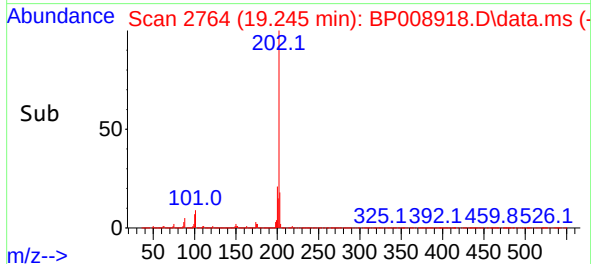
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:202 Resp: 217449
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 18.0 0.0 38.9

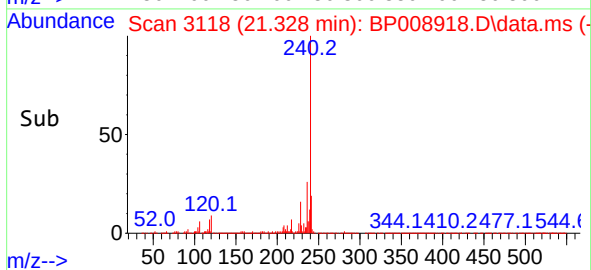
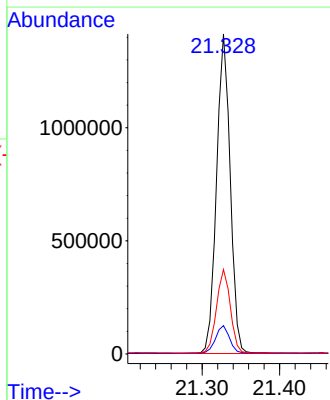
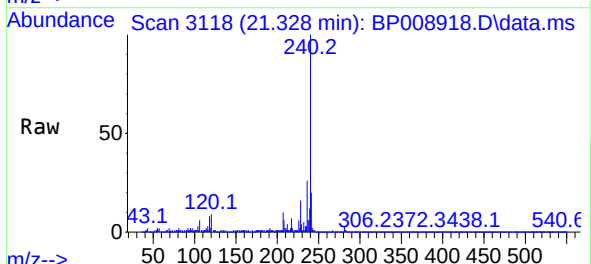
Manual Integrations
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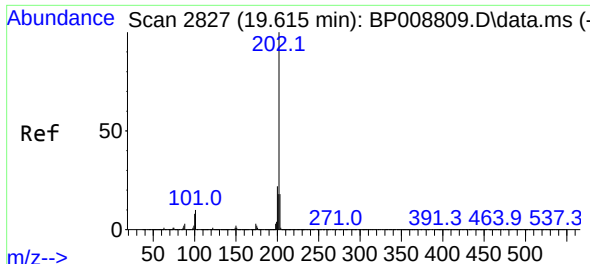
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.328 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

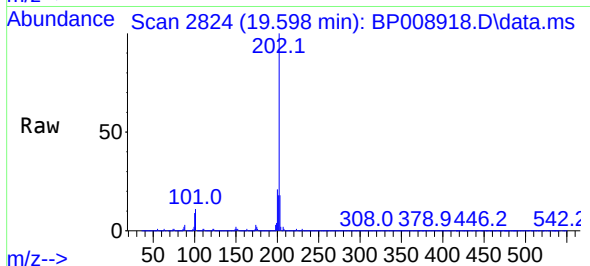
Tgt Ion:240 Resp: 1726172
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.4 21.2 31.8





#78
Pyrene
Concen: 19.927 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

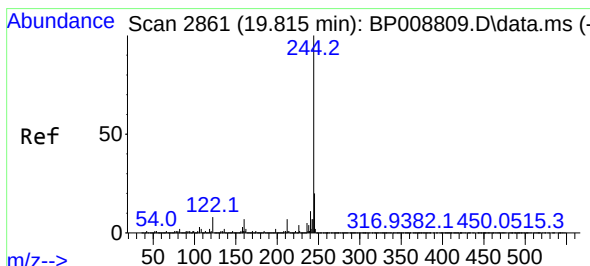
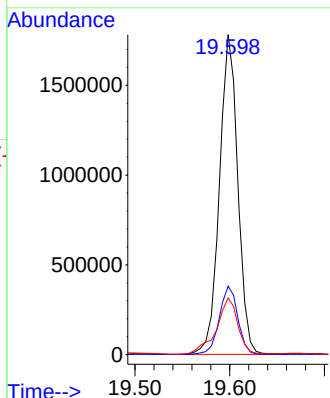
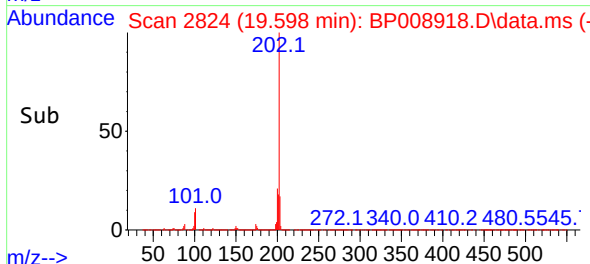
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:202 Resp: 2400054
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 17.7 15.0 22.6

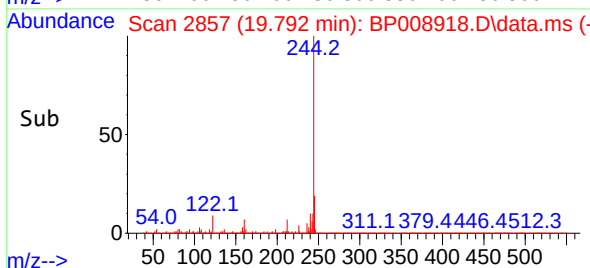
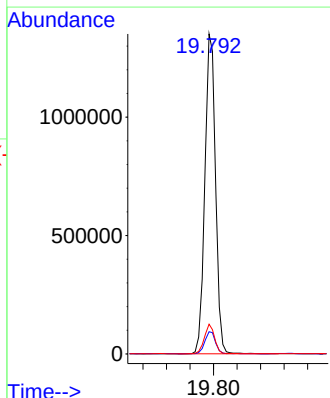
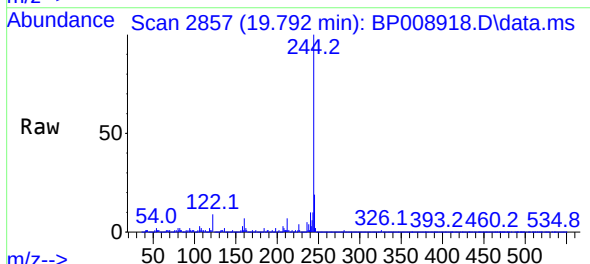
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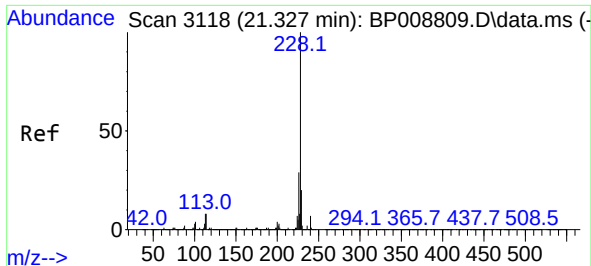
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#79
Terphenyl-d14
Concen: 16.663 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.012 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

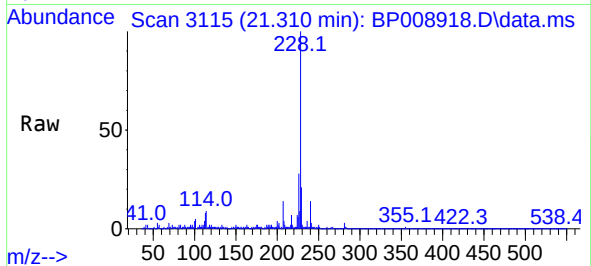
Tgt Ion:244 Resp: 1704021
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 9.3 9.2 13.8





#81
Benzo(a)anthracene
Concen: 11.910 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

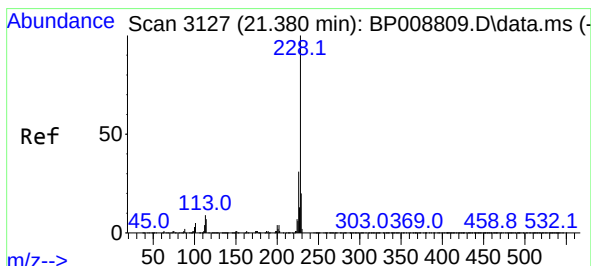
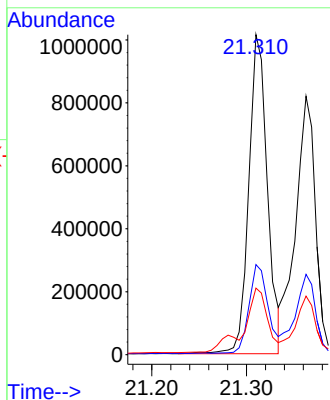
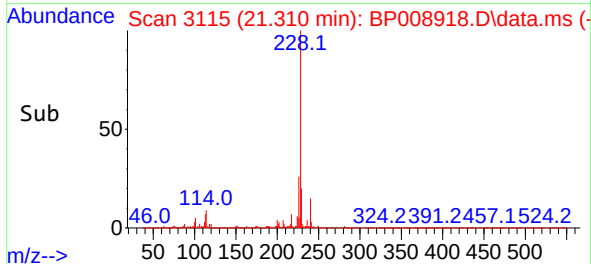
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:228 Resp: 138310
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 20.8 17.0 25.6

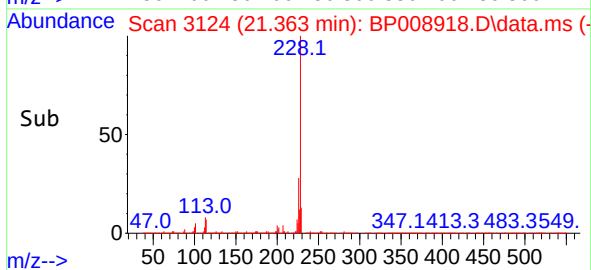
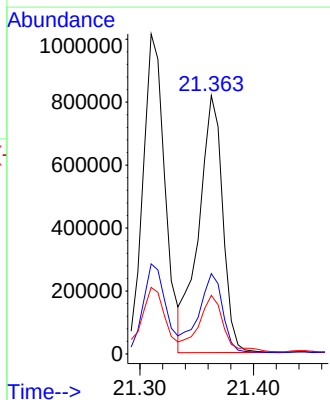
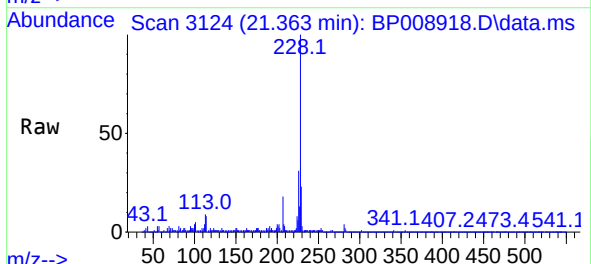
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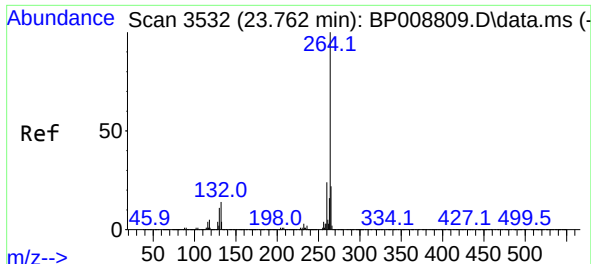
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#83
Chrysene
Concen: 10.673 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

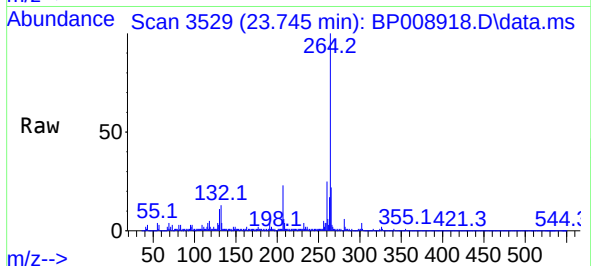
Tgt Ion:228 Resp: 1201566
Ion Ratio Lower Upper
228 100
226 31.1 26.0 39.0
229 22.7 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

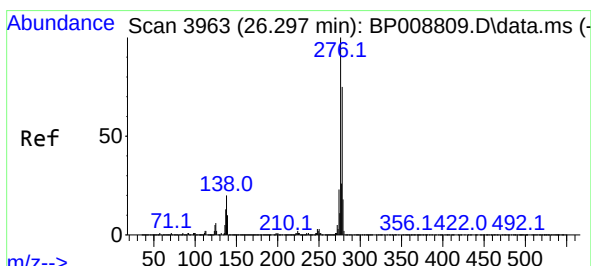
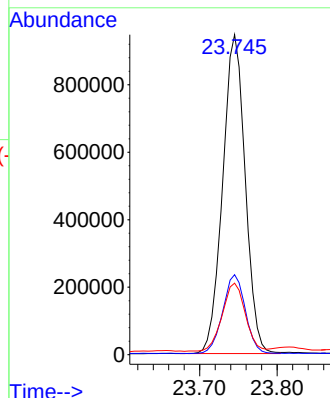
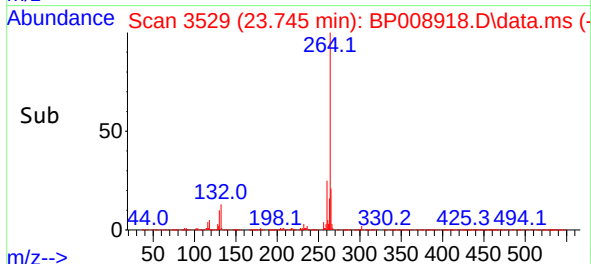
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:264 Resp: 1917390
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 22.3 17.1 25.7

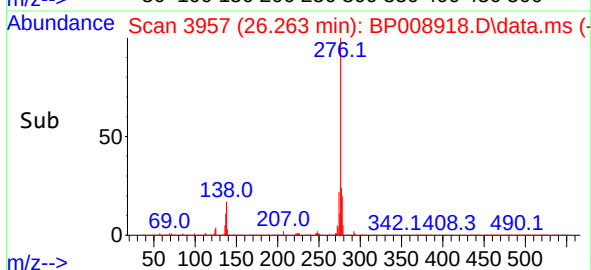
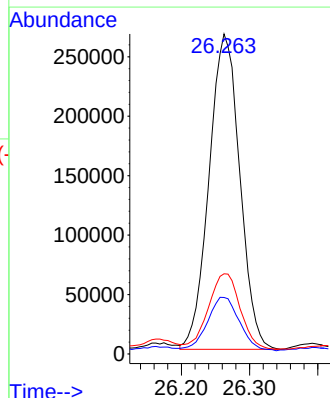
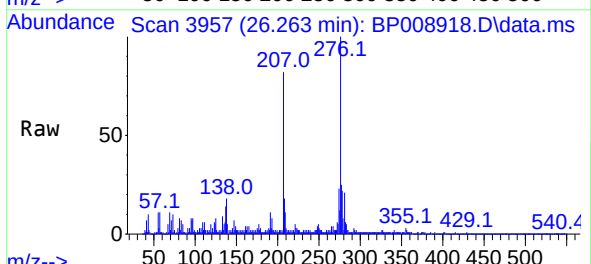
Manual Integrations
APPROVED

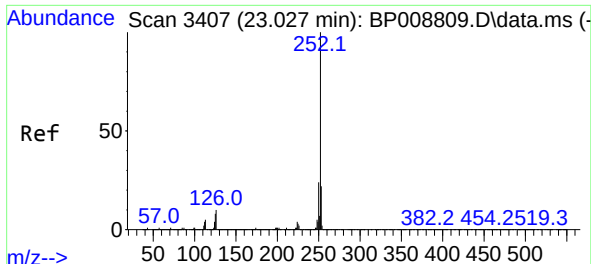
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.269 ng
RT: 26.263 min Scan# 3957
Delta R.T. -0.018 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

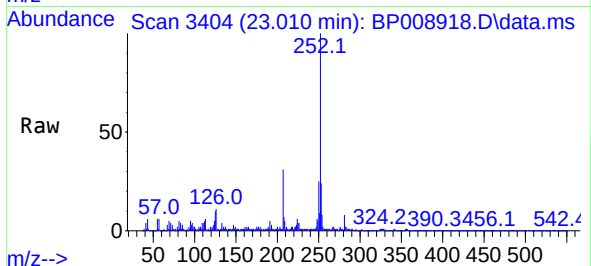
Tgt Ion:276 Resp: 832547
Ion Ratio Lower Upper
276 100
138 17.8 17.8 26.6
277 24.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 13.184 ng
RT: 23.010 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

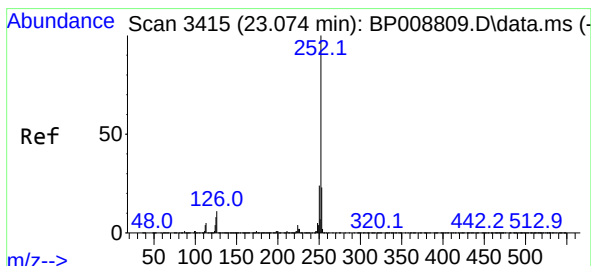
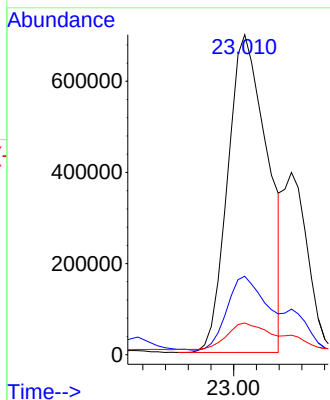
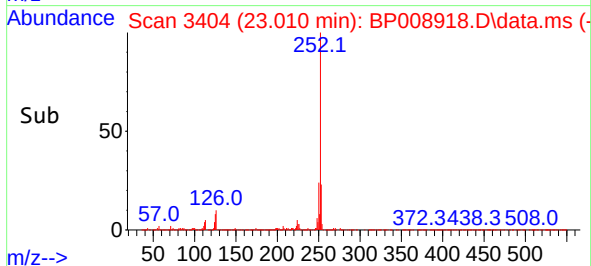
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



Tgt Ion:252 Resp: 1688174
Ion Ratio Lower Upper
252 100
253 24.5 18.0 27.0
125 9.9 6.9 10.3

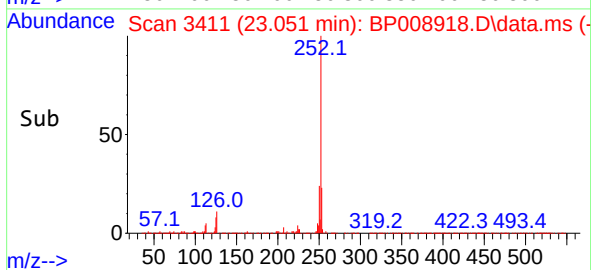
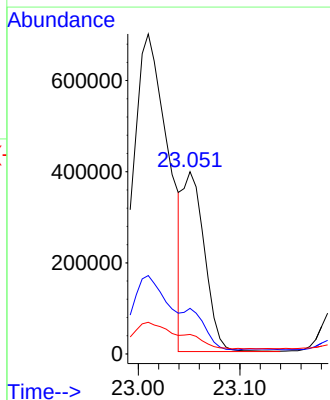
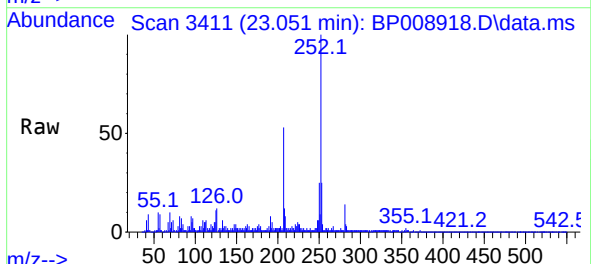
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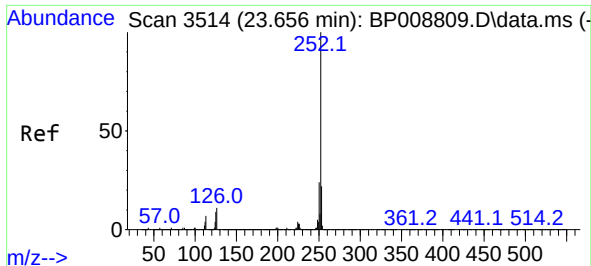
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#89
Benzo(k)fluoranthene
Concen: 4.749 ng m
RT: 23.051 min Scan# 3411
Delta R.T. -0.012 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

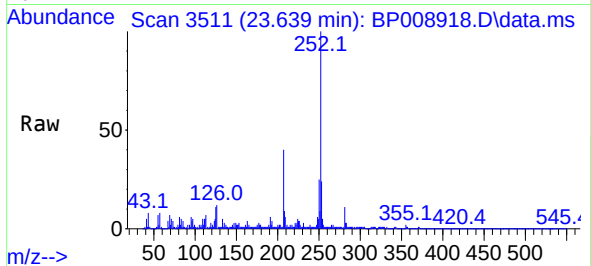
Tgt Ion:252 Resp: 588612
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.2
125 10.7 7.3 10.9





#90
Benzo(a)pyrene
Concen: 9.144 ng
RT: 23.639 min Scan# 311
Delta R.T. -0.006 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02

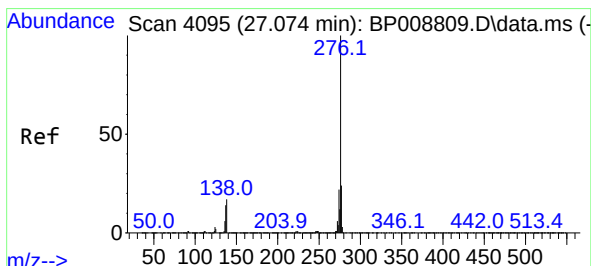
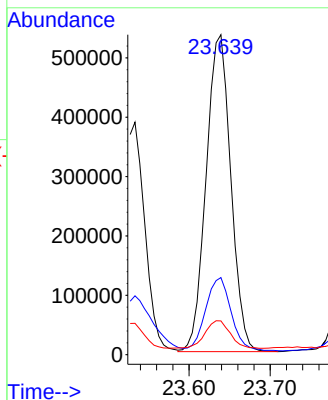
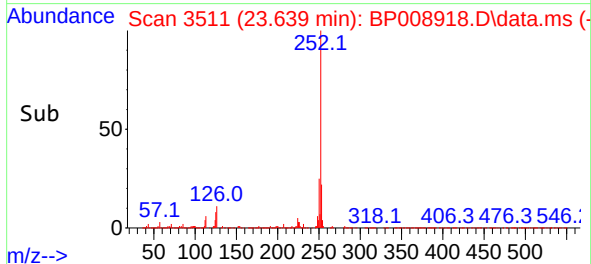
Instrument :
BNA_P
ClientSampleId :
SB-3(0.5-1)



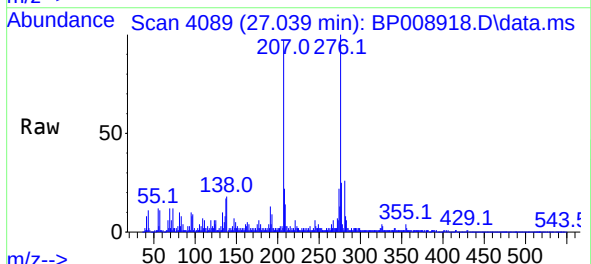
Tgt Ion:252 Resp: 113016
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 10.5 7.8 11.6

Manual Integrations
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Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#92
Benzo(g,h,i)perylene
Concen: 5.862 ng
RT: 27.039 min Scan# 4089
Delta R.T. -0.012 min
Lab File: BP008918.D
Acq: 25 Jan 2022 21:02



Tgt Ion:276 Resp: 768940
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 17.6 15.0 22.4

