

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008414.D
 Acq On : 15 Dec 2021 13:33
 Operator : CG/JU
 Sample : M5076-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-19-C

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/16/2021
 Supervised By : Jagrut Upadhyay 12/16/2021

Quant Time: Dec 15 14:04:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	58978	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	219359	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	147171	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	325747	20.000	ng	0.00
76) Chrysene-d12	21.269	240	392095	20.000	ng	0.00
86) Perylene-d12	23.633	264	439371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	279499	74.841	ng	0.00
7) Phenol-d6	6.940	99	362636	72.299	ng	0.00
23) Nitrobenzene-d5	8.905	82	242323	46.800	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	156570	72.393	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	477045	41.205	ng	0.00
79) Terphenyl-d14	19.733	244	872955	38.748	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.198	178	374191	21.206	ng	99
72) Anthracene	17.292	178	74701	4.291	ng	99
75) Fluoranthene	19.181	202	651642	32.710	ng	98
78) Pyrene	19.533	202	1274732	45.440	ng	99
81) Benzo(a)anthracene	21.251	228	522600	19.888	ng	100
83) Chrysene	21.304	228	472395	18.820	ng	100
87) Indeno(1,2,3-cd)pyrene	26.104	276	159963	4.625	ng	# 94
88) Benzo(b)fluoranthene	22.922	252	375292m	14.199	ng	
89) Benzo(k)fluoranthene	22.957	252	113220m	4.248	ng	
90) Benzo(a)pyrene	23.533	252	286758	12.500	ng	98
92) Benzo(g,h,i)perylene	26.868	276	160495	5.598	ng	96

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

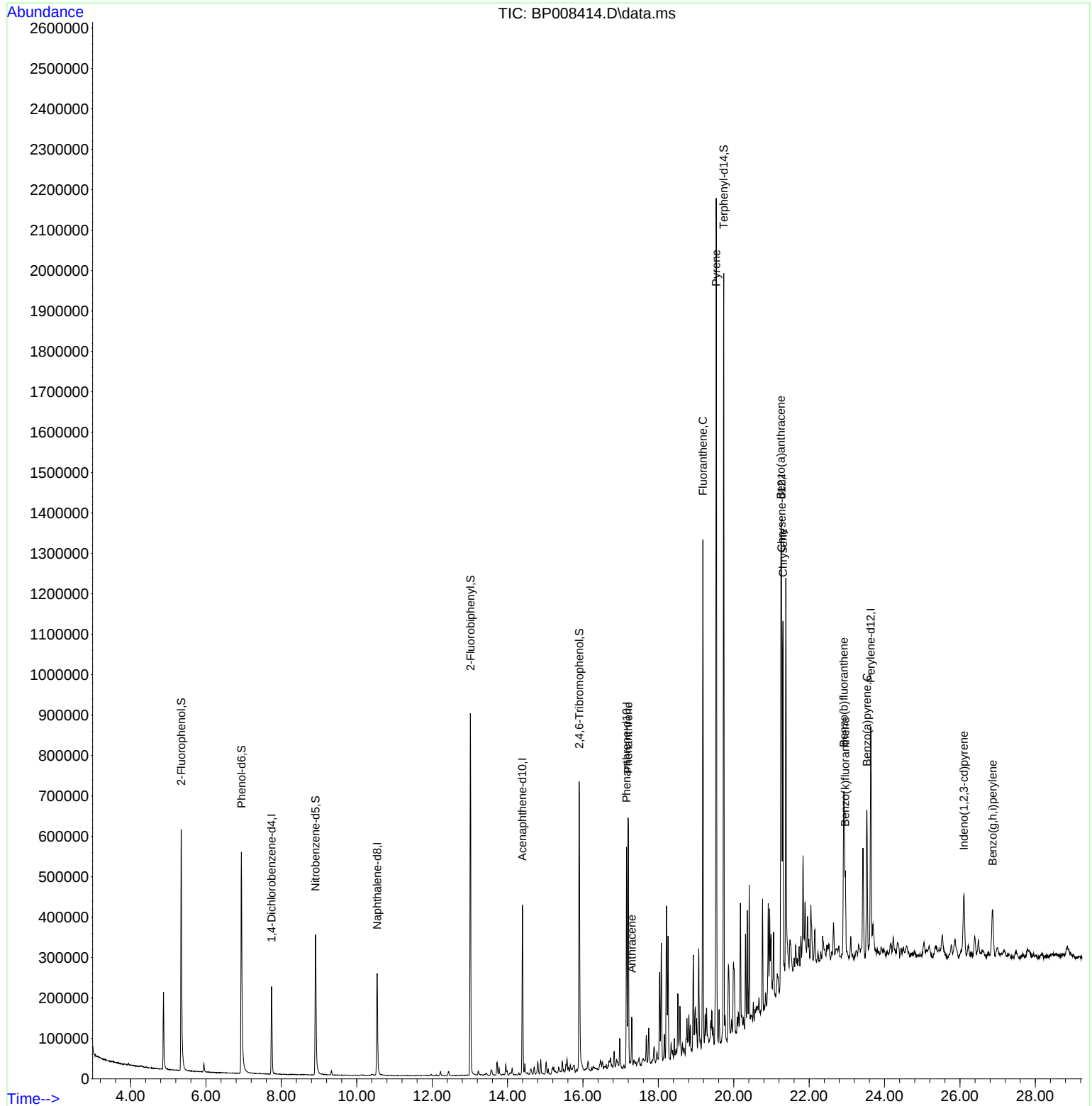
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Data File : BP008414.D
Acq On : 15 Dec 2021 13:33
Operator : CG/JU
Sample : M5076-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

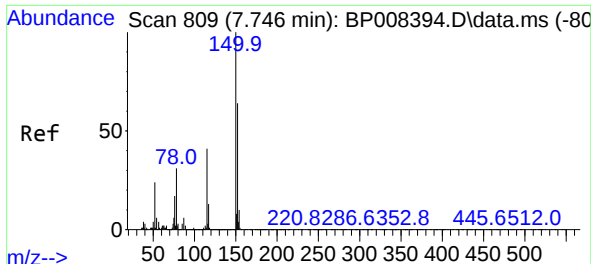
Instrument :
BNA_P
ClientSampleId :
SB-19-C

Quant Time: Dec 15 14:04:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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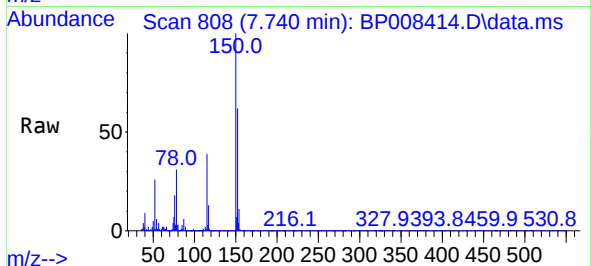
Reviewed By : Christian Giraldo 12/16/2021
Supervised By : Jagrut Upadhyay 12/16/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

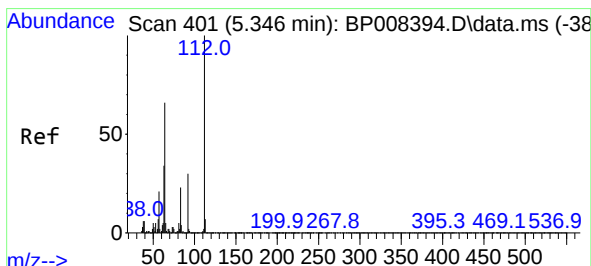
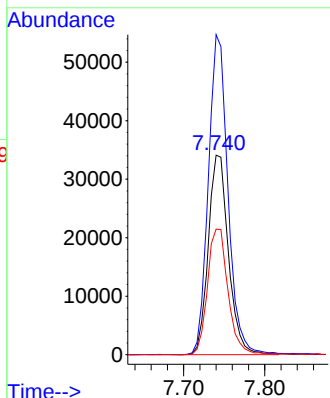
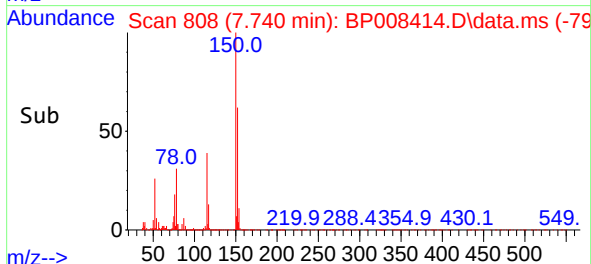
Instrument :
BNA_P
ClientSampleId :
SB-19-C



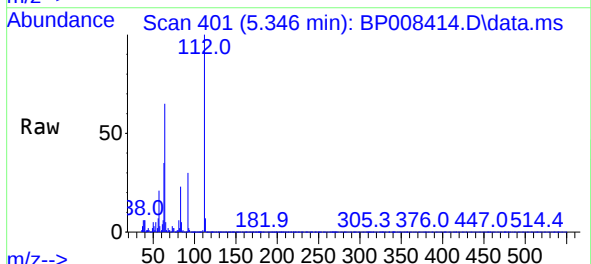
Tgt Ion:152 Resp: 58978
Ion Ratio Lower Upper
152 100
150 160.4 125.7 188.5
115 63.0 50.7 76.1

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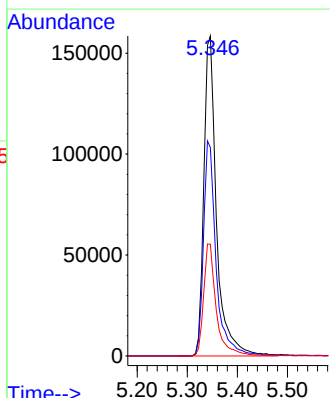
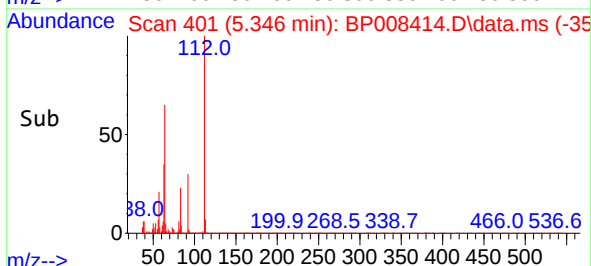
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021

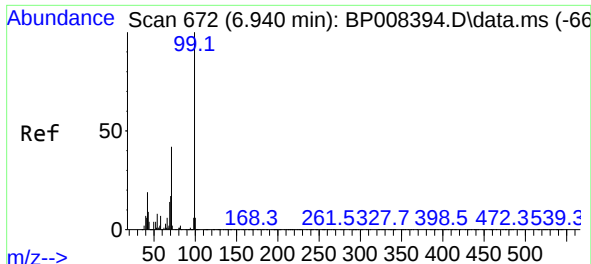


#5
2-Fluorophenol
Concen: 74.841 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33



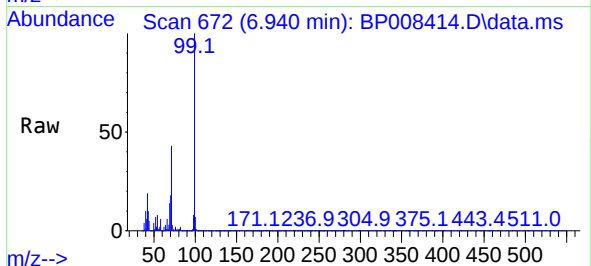
Tgt Ion:112 Resp: 279499
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 34.9 27.8 41.8





#7
Phenol-d6
Concen: 72.299 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

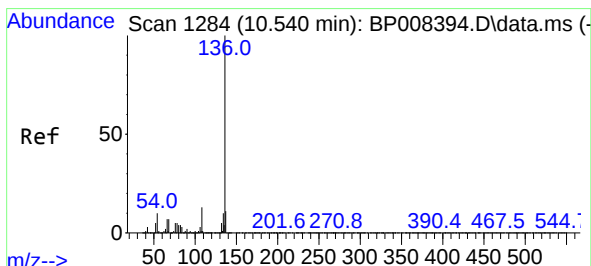
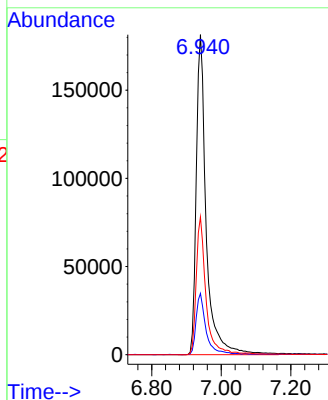
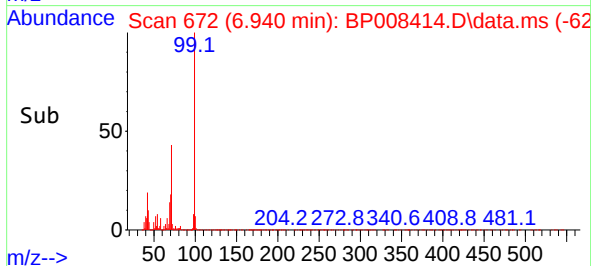
Instrument :
BNA_P
ClientSampleId :
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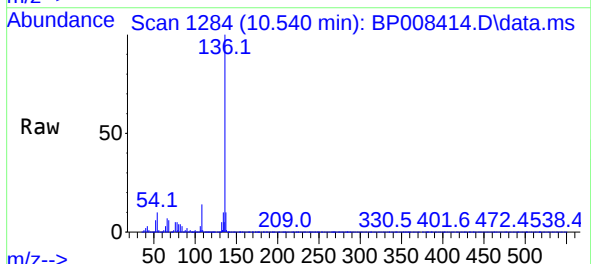
Tgt Ion: 99 Resp: 362630
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 43.0 31.1 46.7

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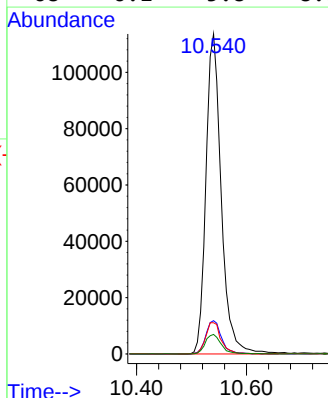
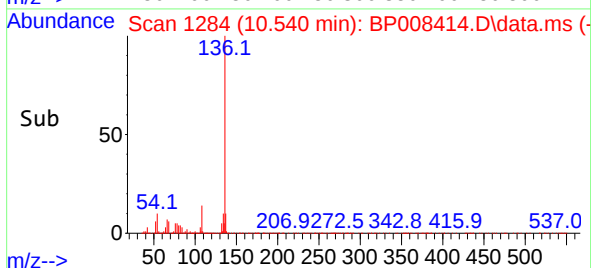
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021

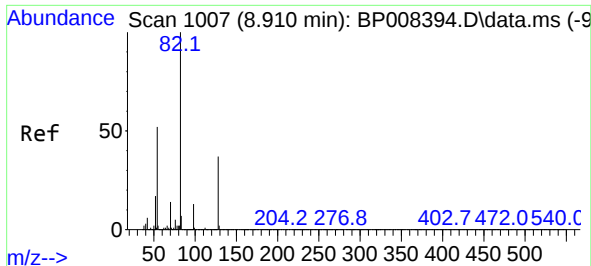


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33



Tgt Ion:136 Resp: 219359
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.7 8.2 12.4
68 6.1 5.8 8.8





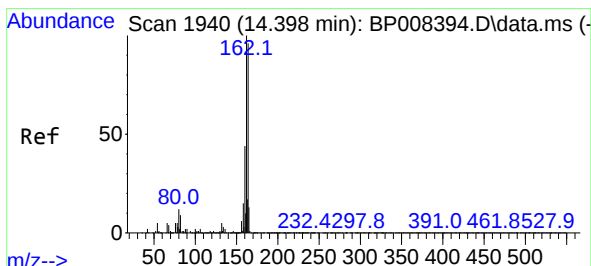
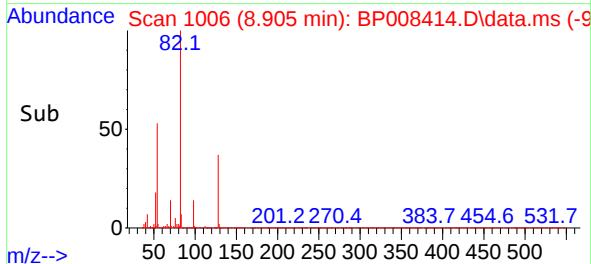
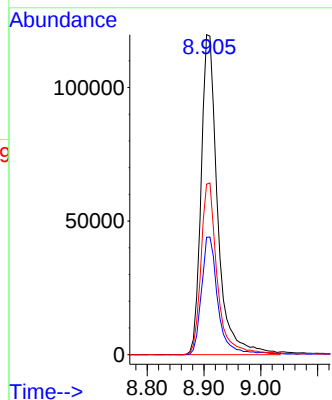
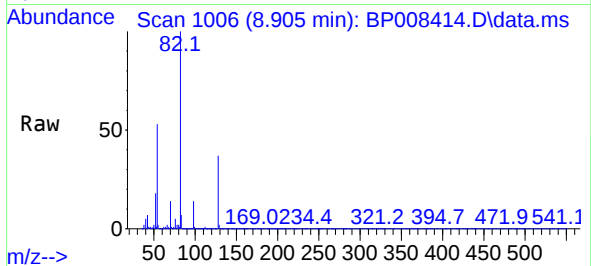
#23
Nitrobenzene-d5
Concen: 46.800 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 24232
Ion Ratio Lower Upper
82 100
128 36.7 29.6 44.4
54 53.3 42.7 64.1

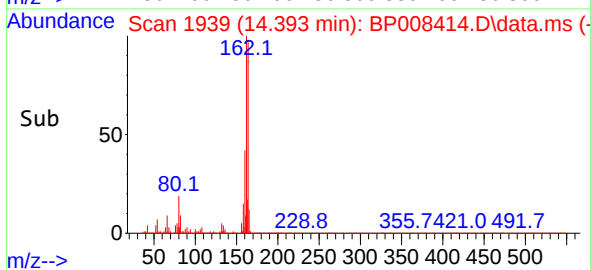
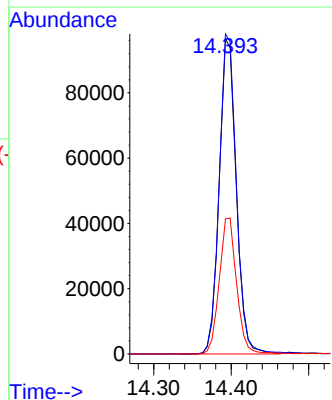
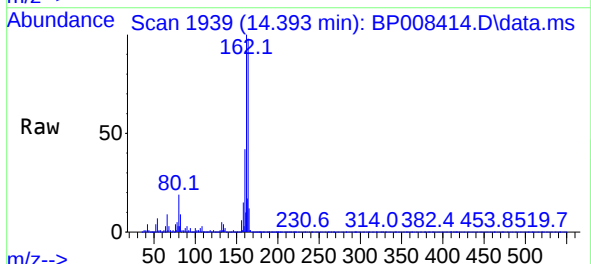
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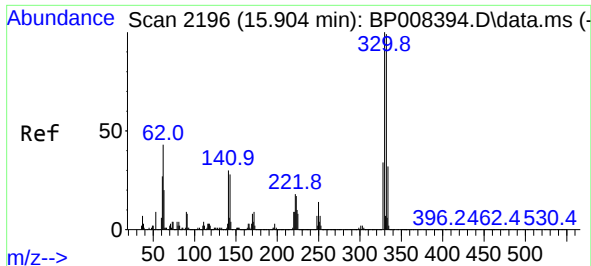
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

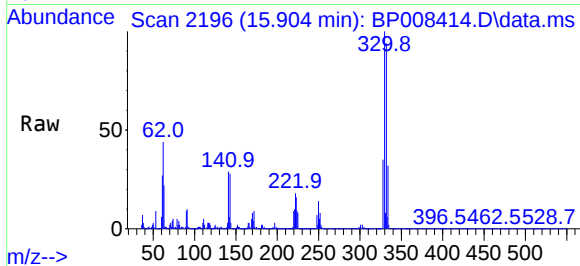
Tgt Ion:164 Resp: 147171
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 42.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 72.393 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

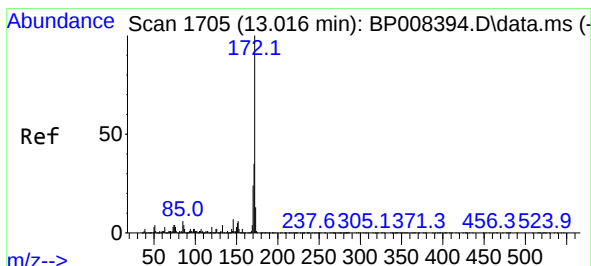
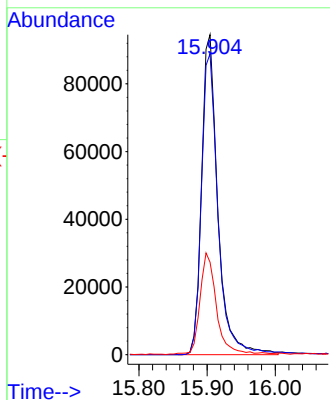
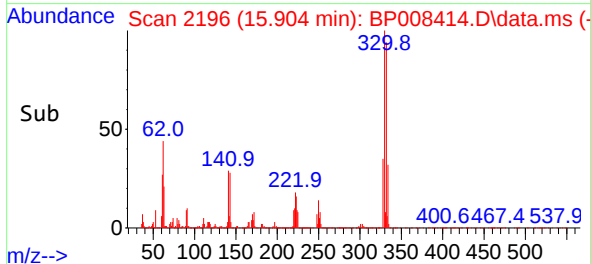
Instrument :
BNA_P
ClientSampleId :
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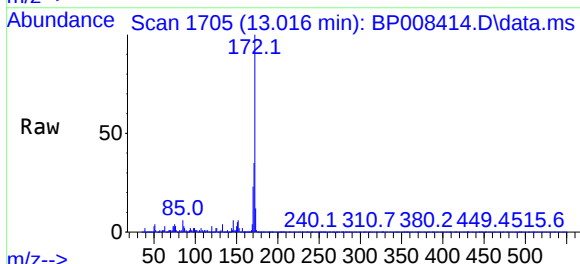
Tgt Ion:330 Resp: 156570
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 32.1 28.4 42.6

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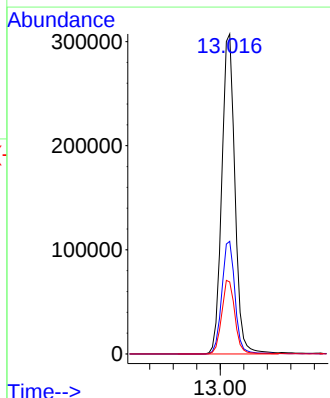
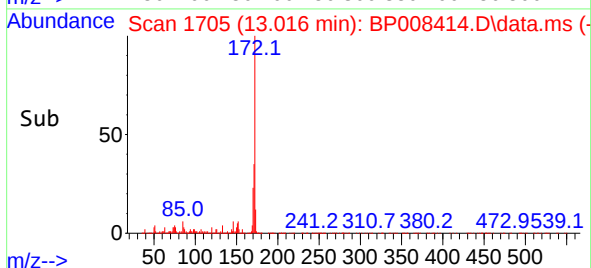
Reviewed By :Christian Giraldo 12/16/2021
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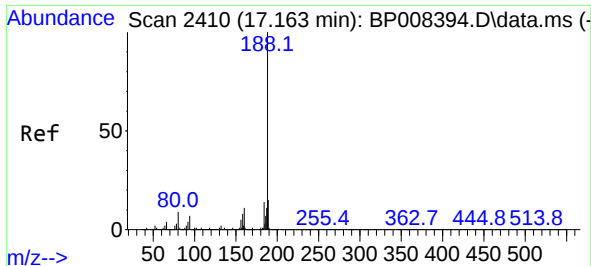


#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33



Tgt Ion:172 Resp: 477045
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 22.5 18.9 28.3





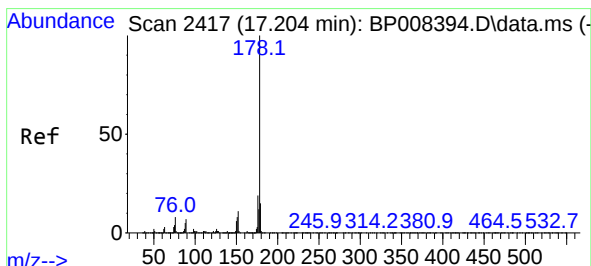
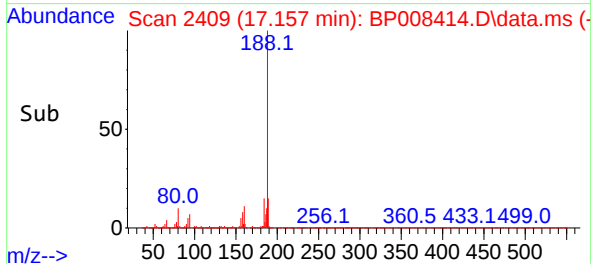
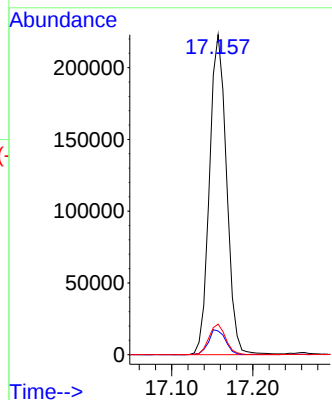
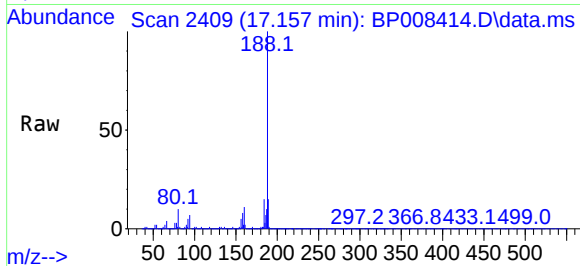
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Instrument :
BNA_P
ClientSampleId :
SB-19-C

Tgt Ion:188 Resp: 32574
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.6 8.2 12.4

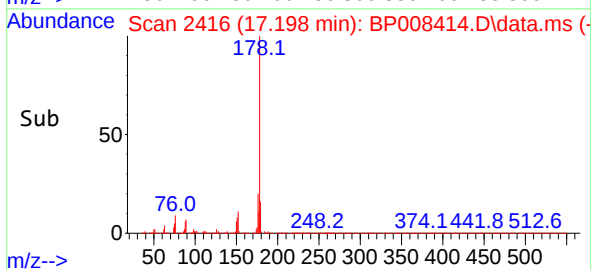
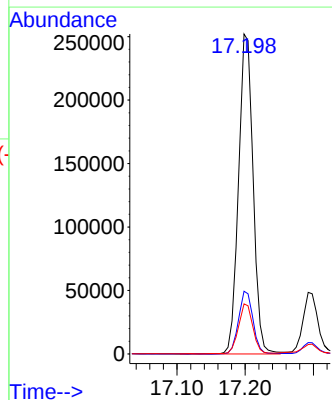
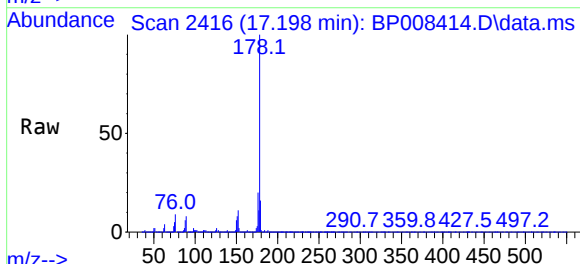
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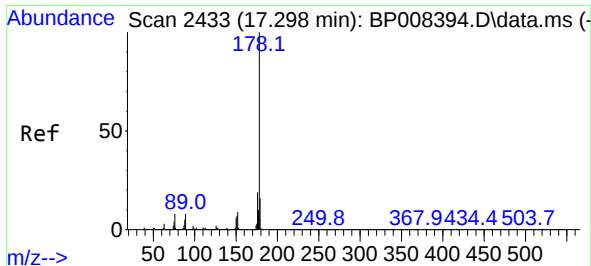
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Supervised By :Jagrut Upadhyay 12/16/2021



#71
Phenanthrene
Concen: 21.206 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

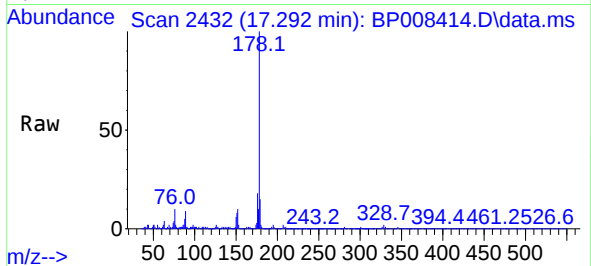
Tgt Ion:178 Resp: 374191
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.5 18.7





#72
 Anthracene
 Concen: 4.291 ng
 RT: 17.292 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BP008414.D
 Acq: 15 Dec 2021 13:33

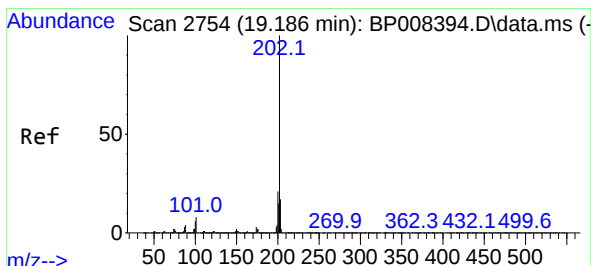
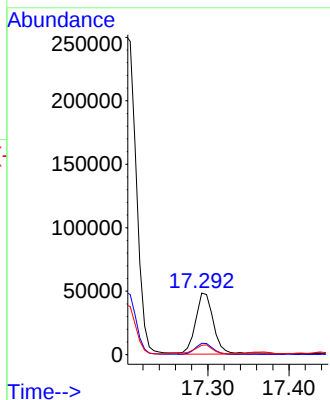
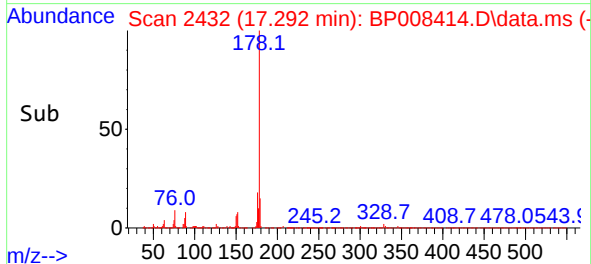
Instrument :
 BNA_P
 ClientSampleId :
 SB-19-C



Tgt Ion:178 Resp: 7470
 Ion Ratio Lower Upper
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 176 18.4 15.1 22.7
 179 15.2 12.3 18.5

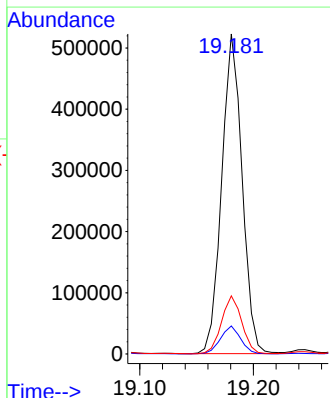
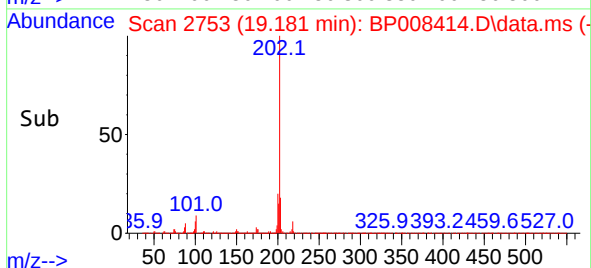
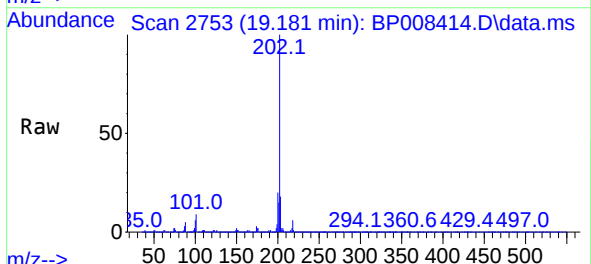
Manual Integrations
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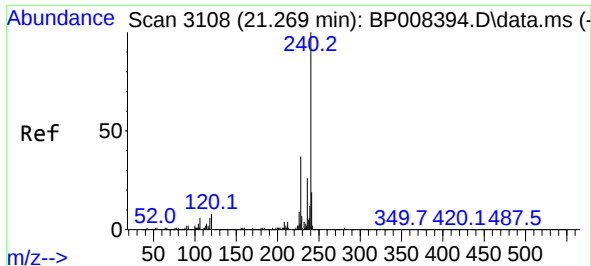
Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :Jagrut Upadhyay 12/16/2021



#75
 Fluoranthene
 Concen: 32.710 ng
 RT: 19.181 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BP008414.D
 Acq: 15 Dec 2021 13:33

Tgt Ion:202 Resp: 651642
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 29.8
 203 18.2 0.0 37.7





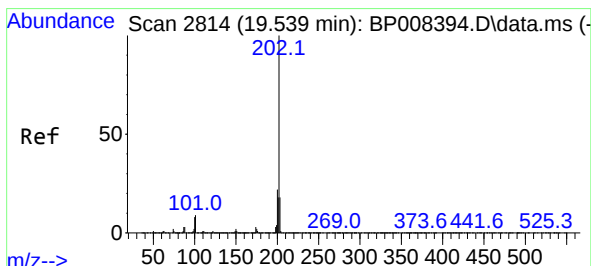
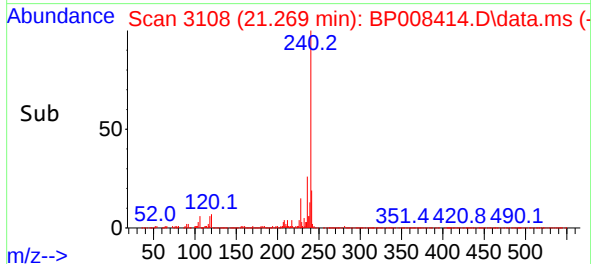
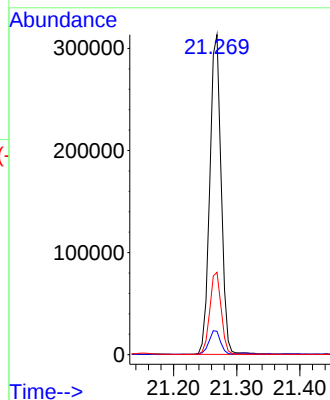
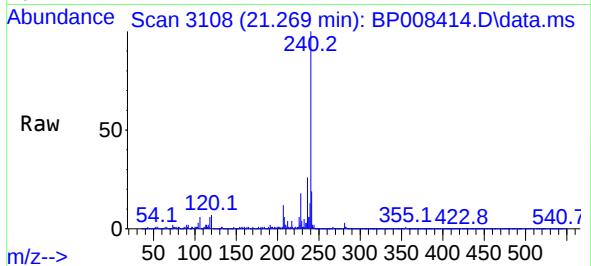
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Instrument :
BNA_P
ClientSampleId :
SB-19-C

Tgt Ion:240 Resp: 392095
Ion Ratio Lower Upper
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120 7.3 7.3 10.9
236 25.7 21.4 32.2

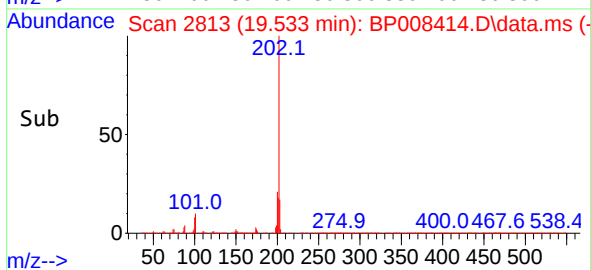
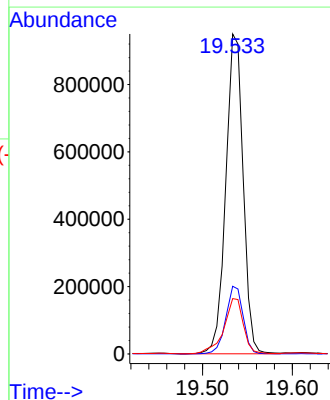
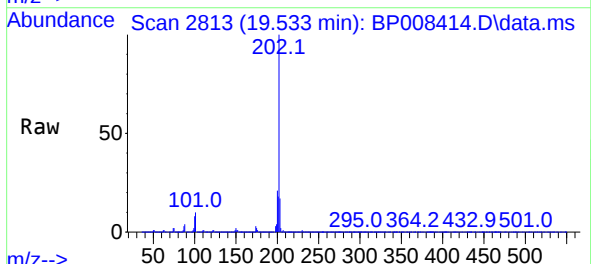
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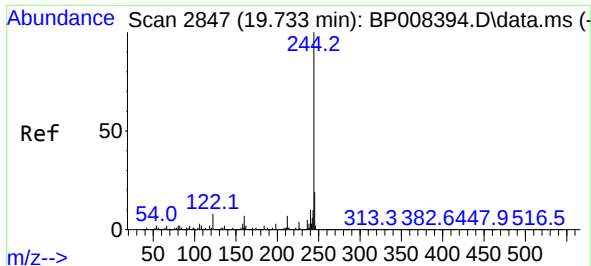
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Supervised By :Jagrut Upadhyay 12/16/2021



#78
Pyrene
Concen: 45.440 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Tgt Ion:202 Resp: 1274732
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 38.748 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008414.D
 Acq: 15 Dec 2021 13:33

Instrument :

BNA_P

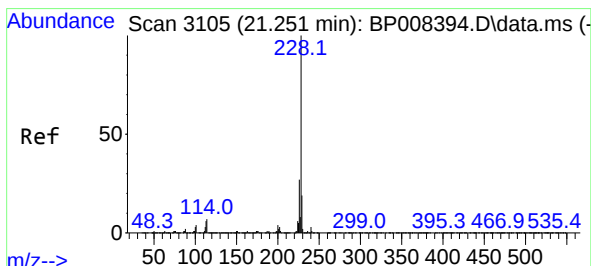
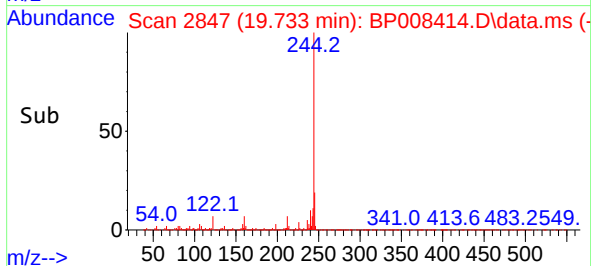
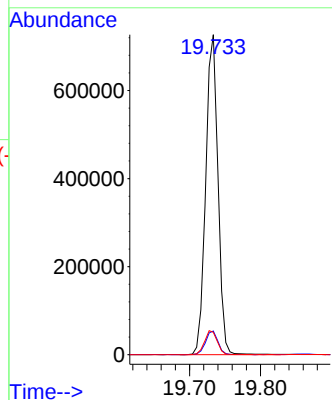
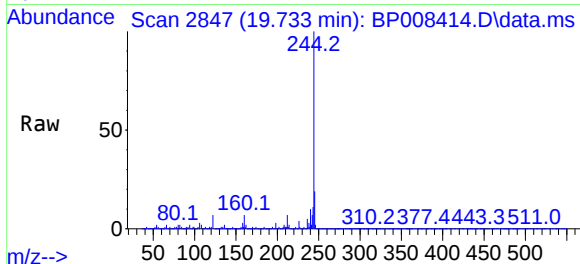
ClientSampleId :

SB-19-C

Tgt Ion:244 Resp: 87295
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.0 6.6 9.8

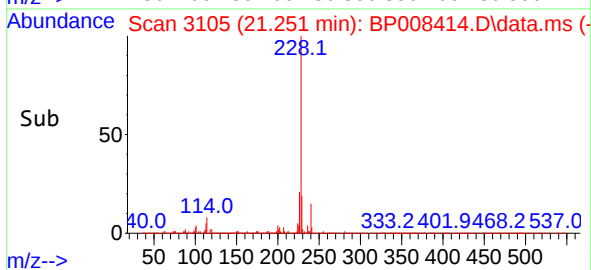
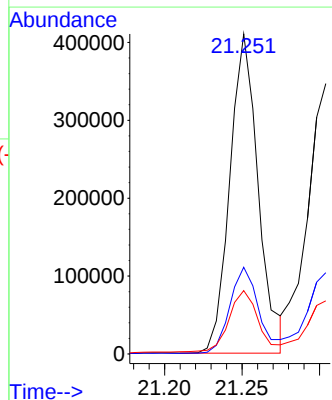
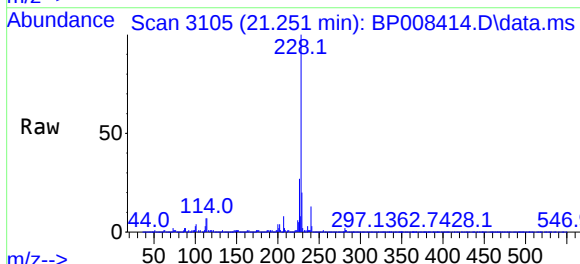
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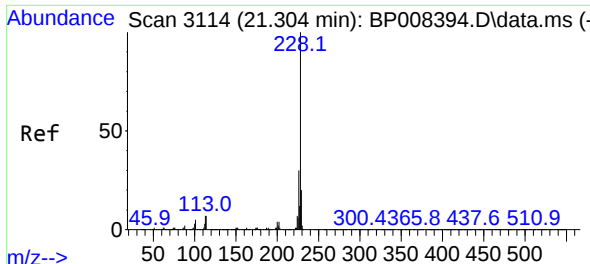
Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :Jagrut Upadhyay 12/16/2021



#81
 Benzo(a)anthracene
 Concen: 19.888 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BP008414.D
 Acq: 15 Dec 2021 13:33

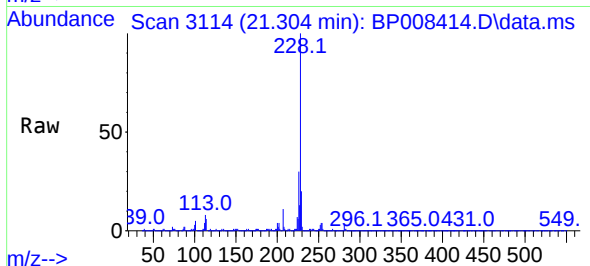
Tgt Ion:228 Resp: 522600
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.9 32.9
 229 19.8 15.9 23.9





#83
Chrysene
Concen: 18.820 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

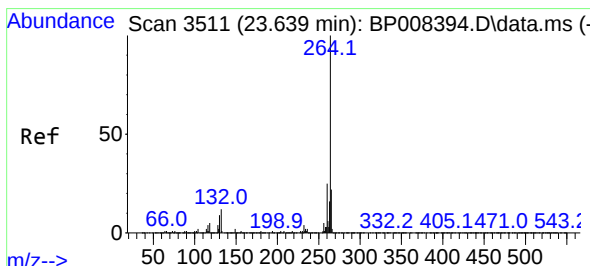
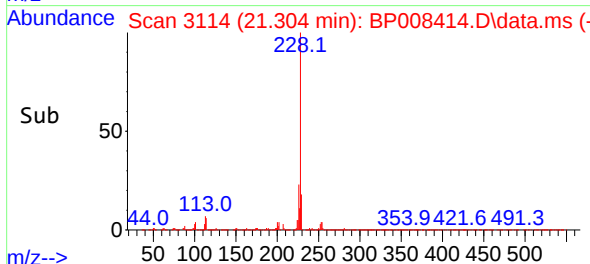
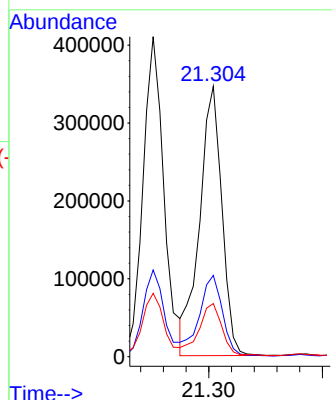
Instrument :
BNA_P
ClientSampleId :
SB-19-C



Tgt Ion:228 Resp: 472395
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.7 15.8 23.8

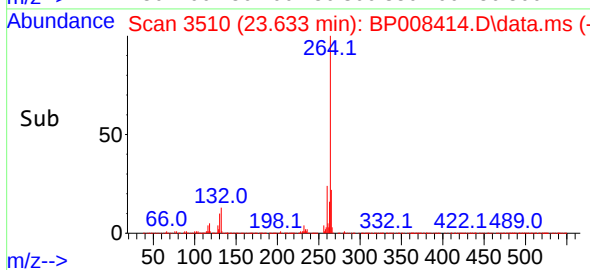
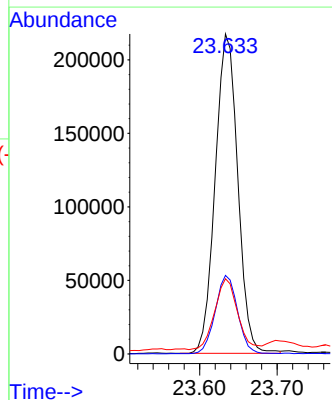
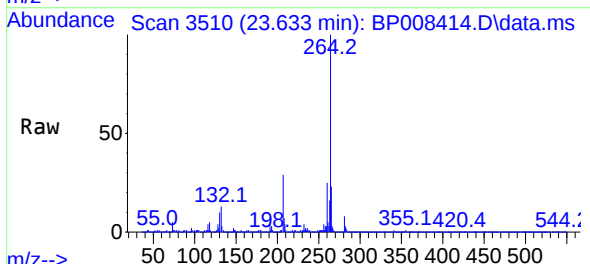
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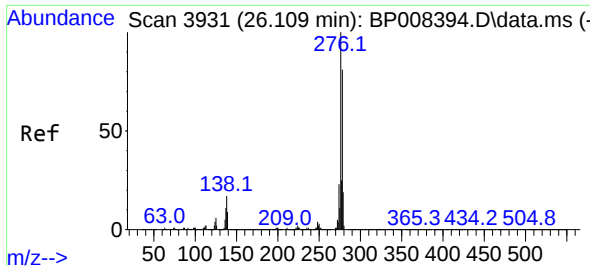
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

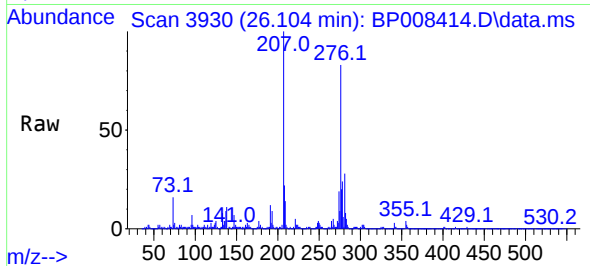
Tgt Ion:264 Resp: 439371
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 23.5 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.625 ng
RT: 26.104 min Scan# 3931
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

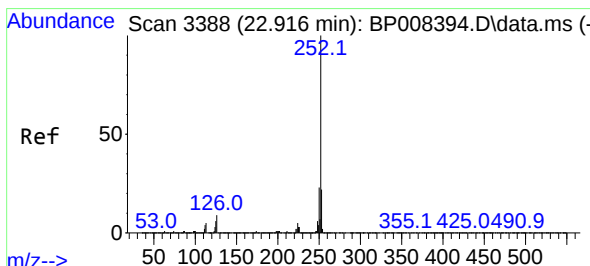
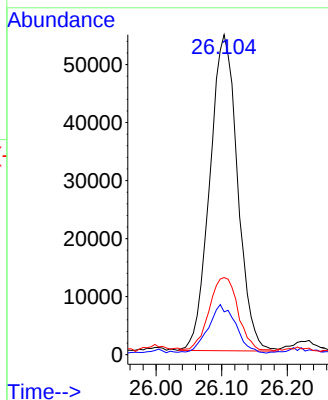
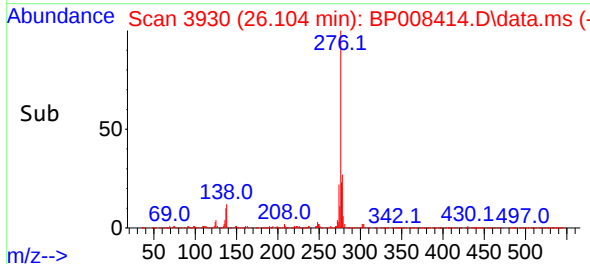
Instrument :
BNA_P
ClientSampleId :
SB-19-C



Tgt Ion:276 Resp: 15996
Ion Ratio Lower Upper
276 100
138 15.3 16.6 25.0
277 24.3 20.2 30.2

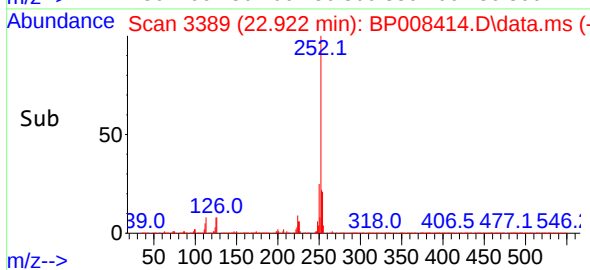
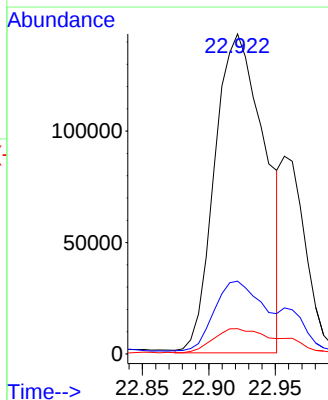
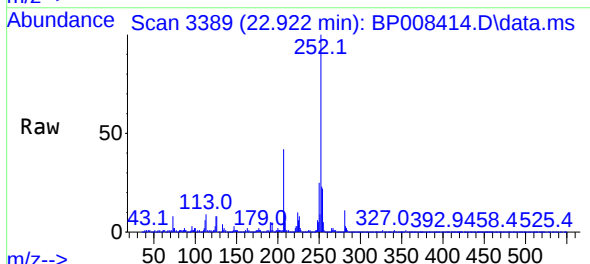
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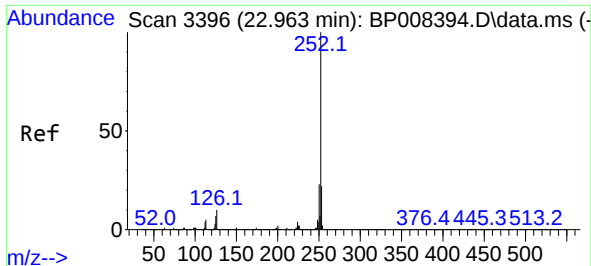
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#88
Benzo(b)fluoranthene
Concen: 14.199 ng m
RT: 22.922 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Tgt Ion:252 Resp: 375292
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 7.9 6.2 9.4





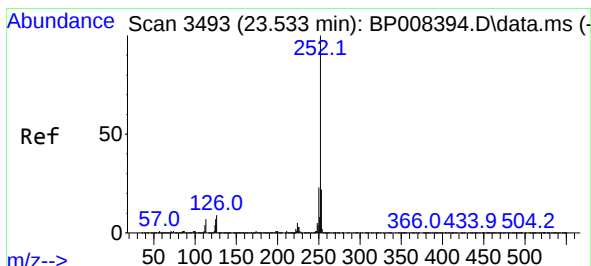
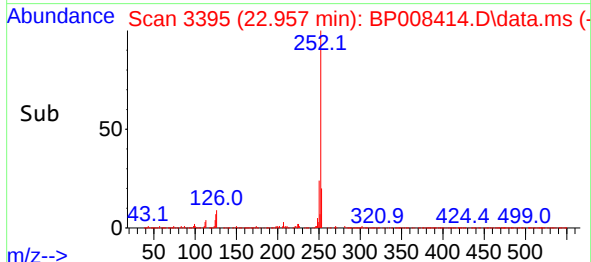
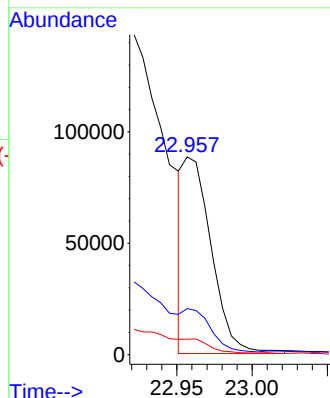
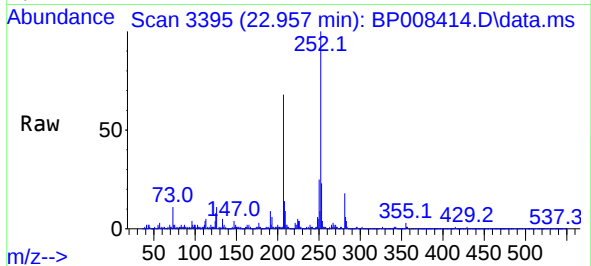
#89
Benzo(k)fluoranthene
Concen: 4.248 ng m
RT: 22.957 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

Instrument :
BNA_P
ClientSampleId :
SB-19-C

Tgt Ion:252 Resp: 113220
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 7.8 6.5 9.7

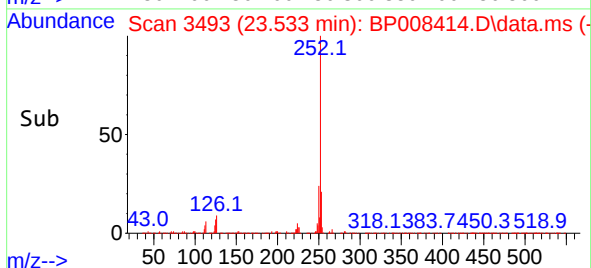
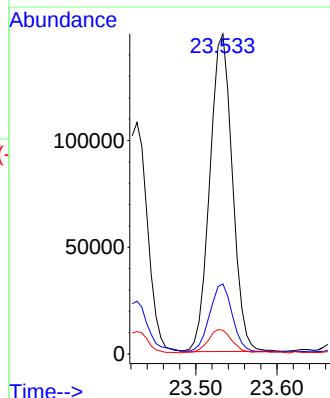
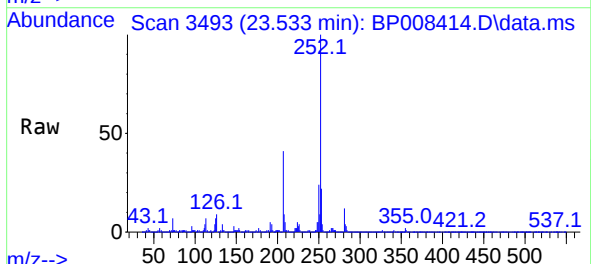
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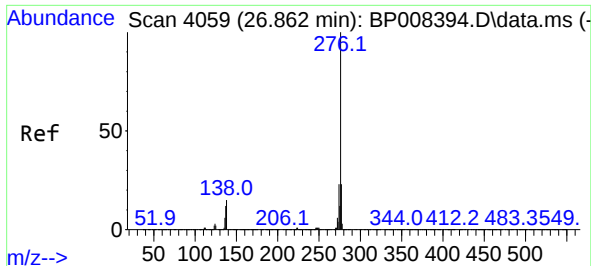
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#90
Benzo(a)pyrene
Concen: 12.500 ng
RT: 23.533 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BP008414.D
Acq: 15 Dec 2021 13:33

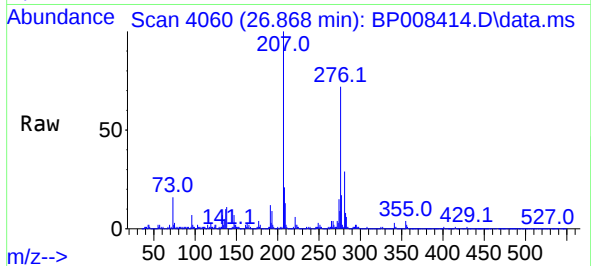
Tgt Ion:252 Resp: 286758
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.4 7.4 11.0





#92
 Benzo(g,h,i)perylene
 Concen: 5.598 ng
 RT: 26.868 min Scan# 4060
 Delta R.T. 0.006 min
 Lab File: BP008414.D
 Acq: 15 Dec 2021 13:33

Instrument :
 BNA_P
 ClientSampleId :
 SB-19-C



Tgt Ion: 276 Resp: 160495
 Ion Ratio Lower Upper
 276 100
 277 24.1 20.0 30.0
 138 15.0 14.1 21.1

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Reviewed By : Christian Giraldo 12/16/2021
 Supervised By : Jagrut Upadhyay 12/16/2021

