

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008072.D
 Acq On : 20 Nov 2021 23:20
 Operator : CG/JU
 Sample : M4766-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 05:35:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	128485	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	507509	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	315219	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	629060	20.000	ng	# 0.00
76) Chrysene-d12	21.316	240	702289	20.000	ng	0.00
86) Perylene-d12	23.710	264	799437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	825936	109.875	ng	0.00
7) Phenol-d6	7.005	99	1079184	103.570	ng	0.00
23) Nitrobenzene-d5	8.981	82	725420	64.843	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	428737	107.475	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1433756	71.222	ng	0.00
79) Terphenyl-d14	19.786	244	1931111	54.062	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	498640	14.712	ng	# 95
72) Anthracene	17.357	178	138623	4.131	ng	# 85
75) Fluoranthene	19.239	202	866130	19.826	ng	97
78) Pyrene	19.592	202	778563	16.325	ng	98
81) Benzo(a)anthracene	21.298	228	532804	11.313	ng	98
83) Chrysene	21.351	228	479878	10.737	ng	97
87) Indeno(1,2,3-cd)pyrene	26.198	276	347945	6.272	ng	98
88) Benzo(b)fluoranthene	22.980	252	685163	13.708	ng	# 96
89) Benzo(k)fluoranthene	23.021	252	238896m	4.804	ng	
90) Benzo(a)pyrene	23.598	252	500007	11.936	ng	97
91) Dibenzo(a,h)anthracene	26.198	278	101592	2.200	ng	# 92
92) Benzo(g,h,i)perylene	26.956	276	334752	7.400	ng	99

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

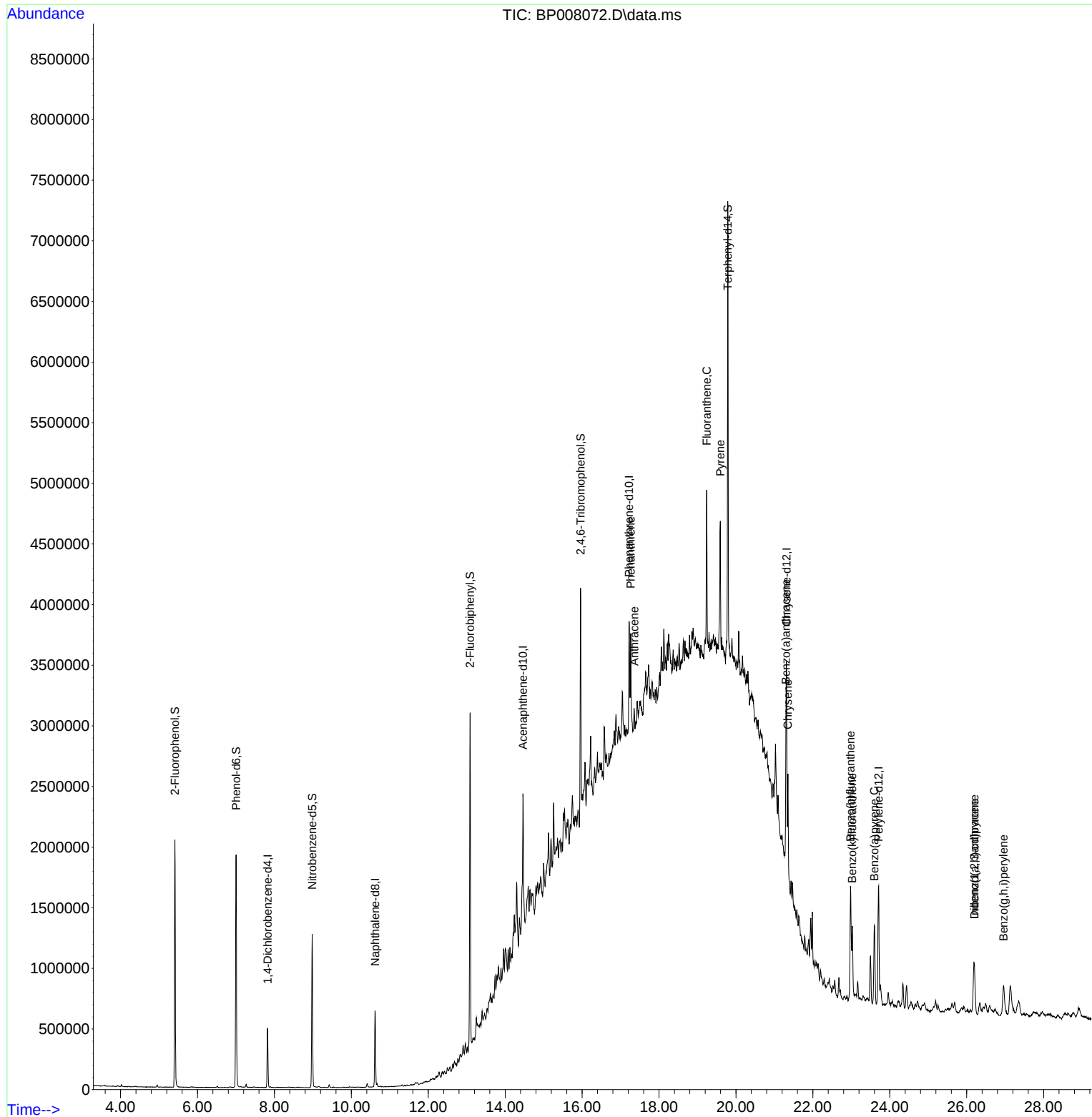
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Data File : BP008072.D
Acq On : 20 Nov 2021 23:20
Operator : CG/JU
Sample : M4766-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

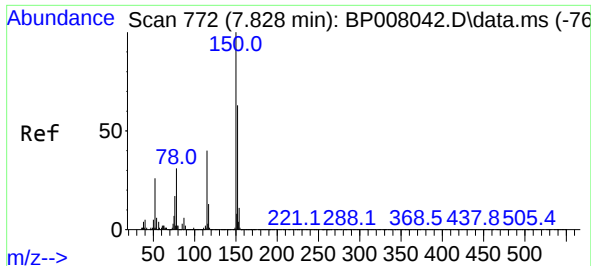
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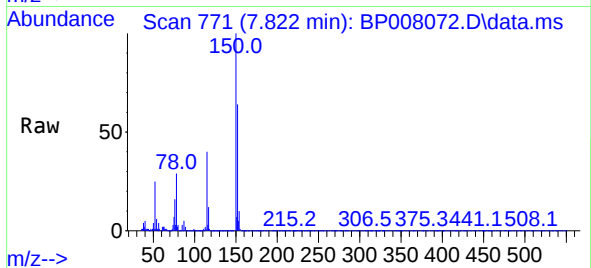
Quant Time: Nov 22 05:35:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

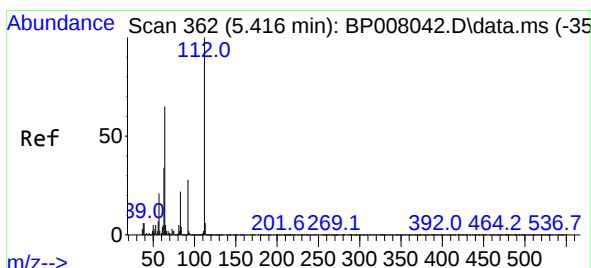
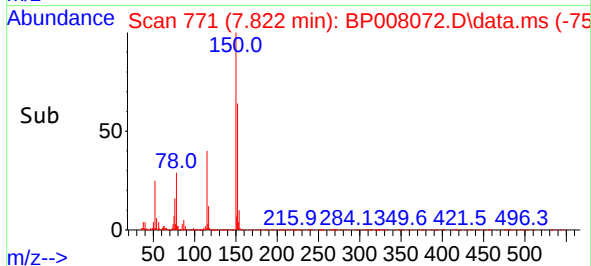
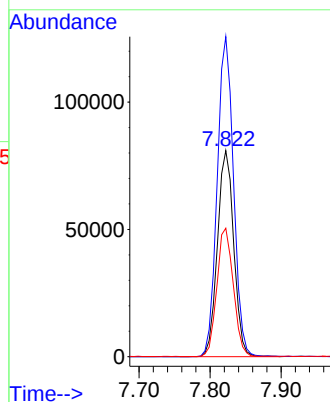
Instrument :
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Tgt Ion:152 Resp: 12848
Ion Ratio Lower Upper
152 100
150 155.2 126.5 189.7
115 62.3 50.6 75.8

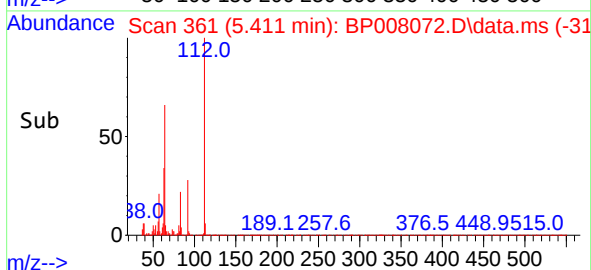
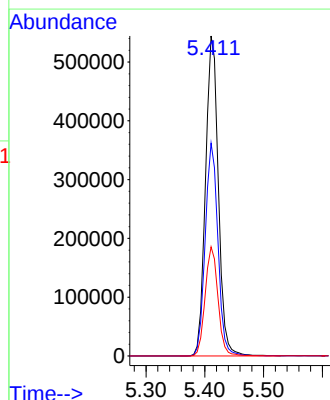
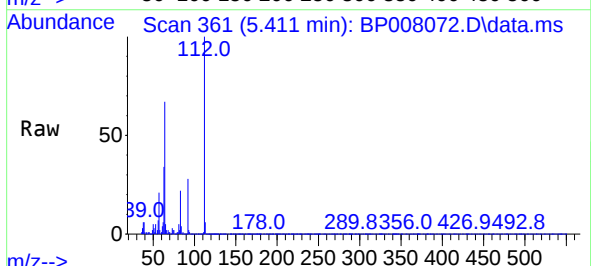
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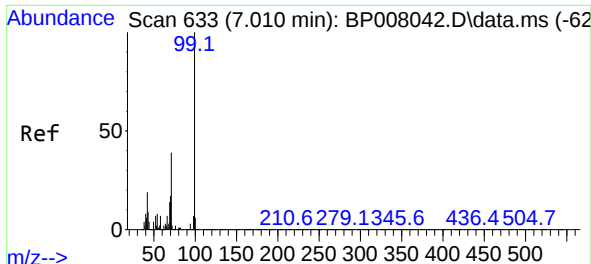
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Supervised By :mohammad ahmed 11/24/2021



#5
2-Fluorophenol
Concen: 109.875 ng
RT: 5.411 min Scan# 361
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:112 Resp: 825936
Ion Ratio Lower Upper
112 100
64 66.5 51.7 77.5
63 34.1 27.4 41.0





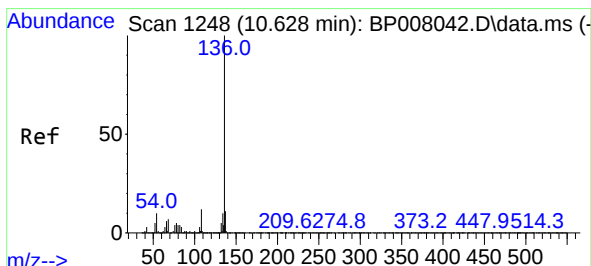
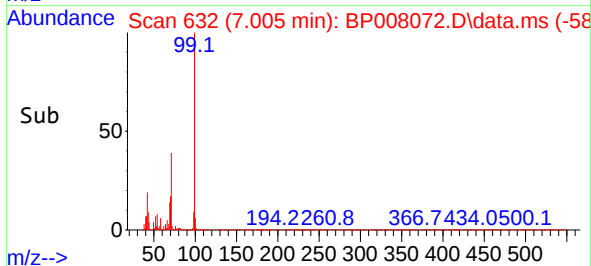
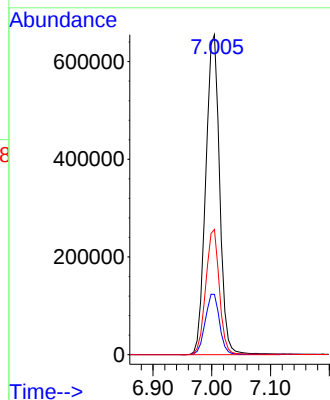
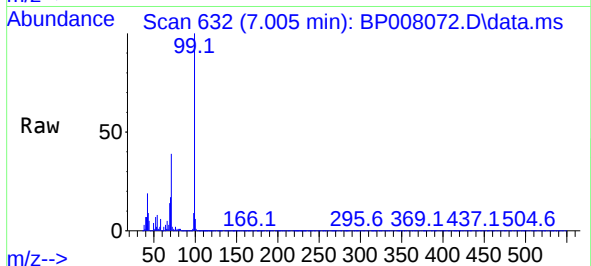
#7
Phenol-d6
Concen: 103.570 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1079184
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.2
71 39.2 31.0 46.6

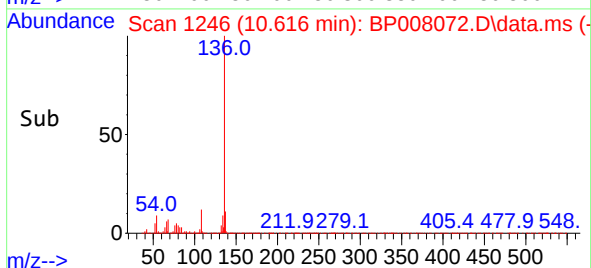
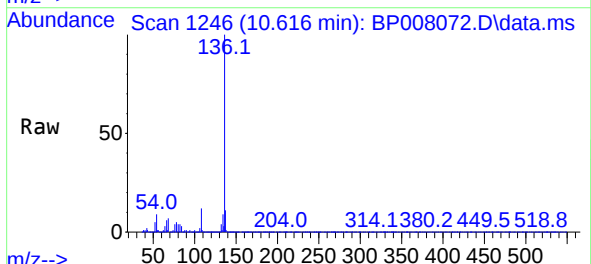
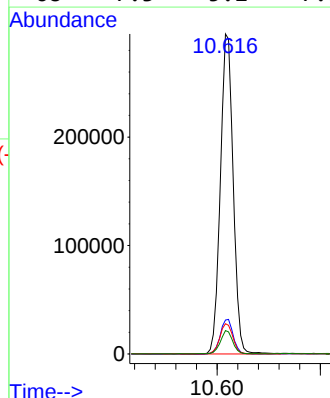
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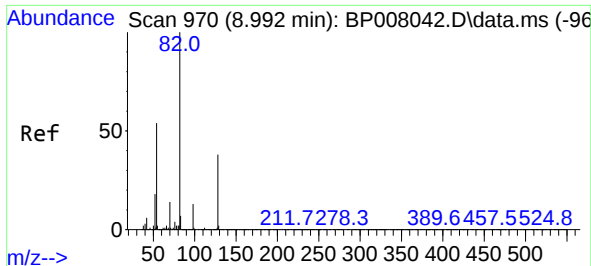
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:136 Resp: 507509
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.5 8.0 12.0
68 7.3 5.2 7.8





#23
Nitrobenzene-d5
Concen: 64.843 ng
RT: 8.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

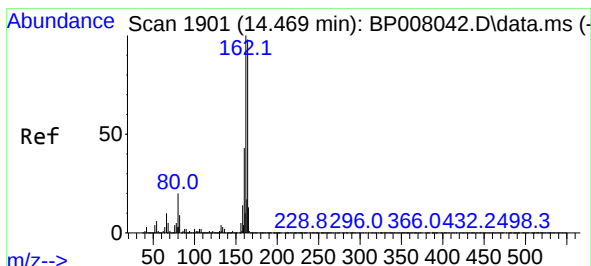
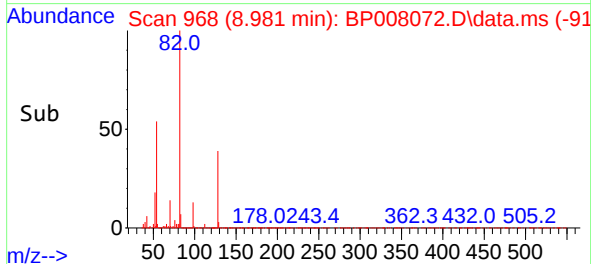
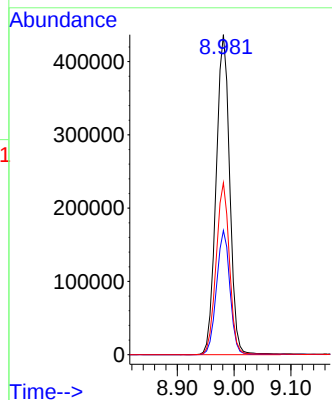
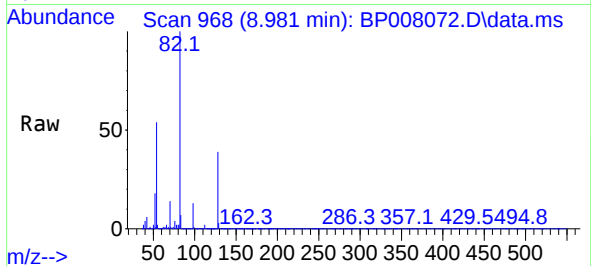
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Tgt Ion: 82 Resp: 725420
Ion Ratio Lower Upper
82 100
128 38.8 30.2 45.2
54 53.7 43.1 64.7

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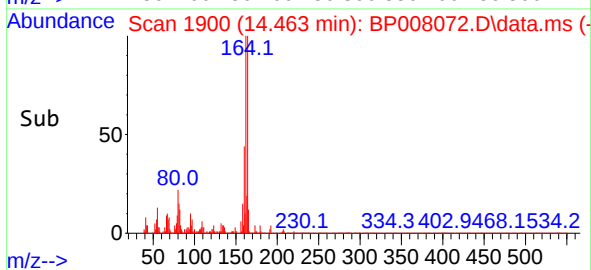
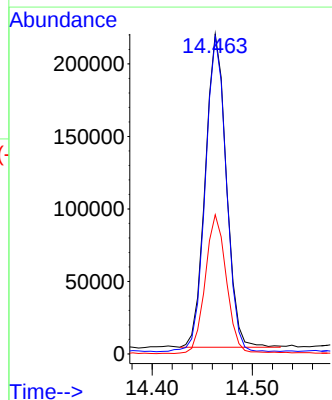
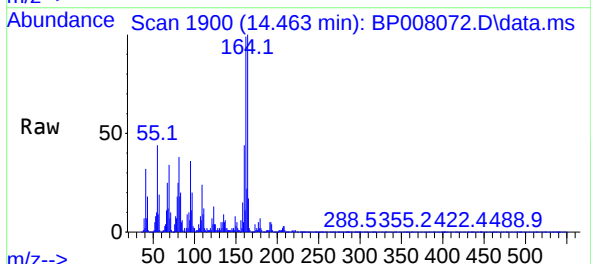
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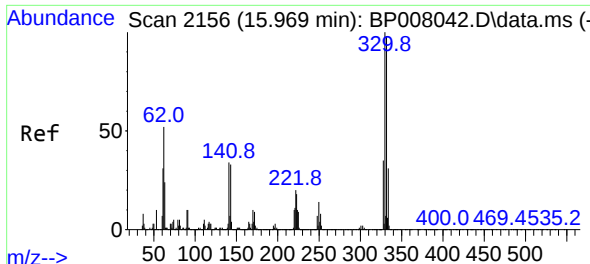
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Supervised By :mohammad ahmed 11/24/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:164 Resp: 315219
Ion Ratio Lower Upper
164 100
162 99.2 81.8 122.8
160 43.5 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 107.475 ng
RT: 15.963 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

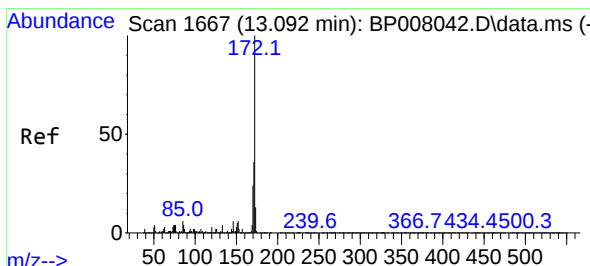
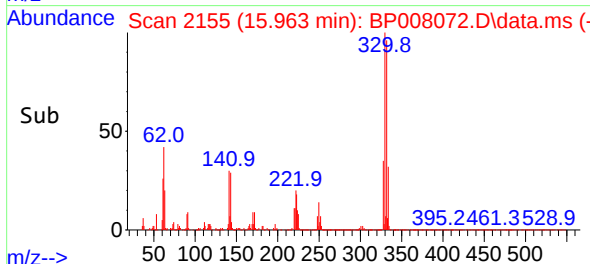
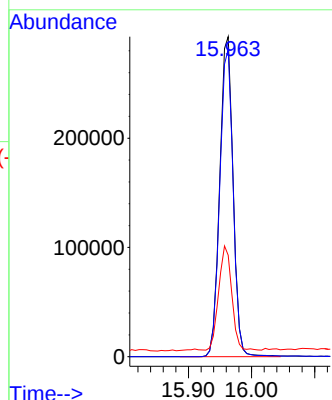
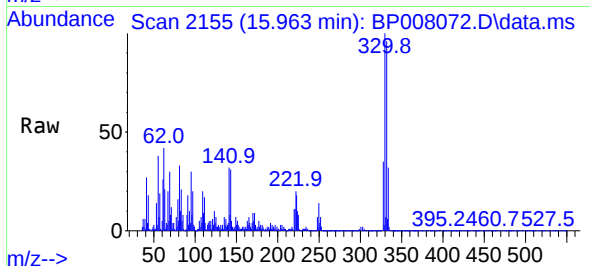
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Tgt Ion:330 Resp: 42873
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 31.9 29.6 44.4

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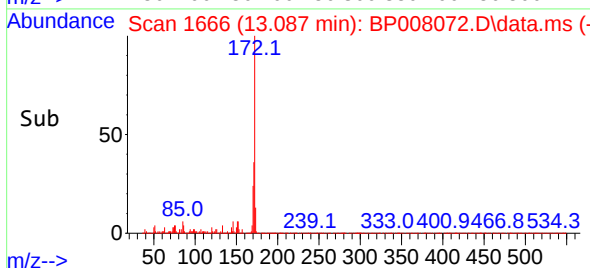
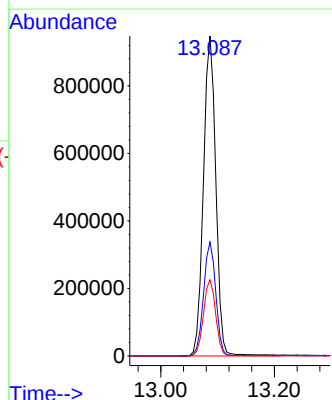
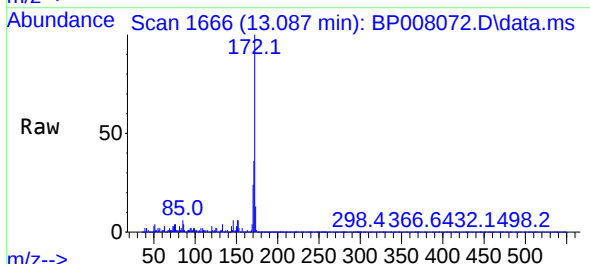
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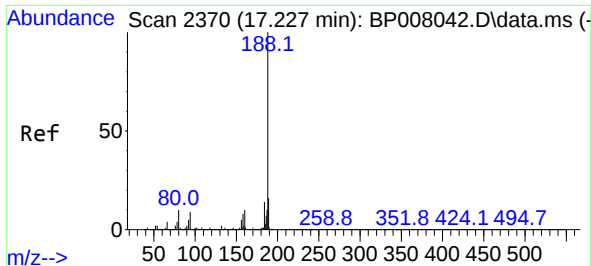
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#45
2-Fluorobiphenyl
Concen: 71.222 ng
RT: 13.087 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:172 Resp: 1433756
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

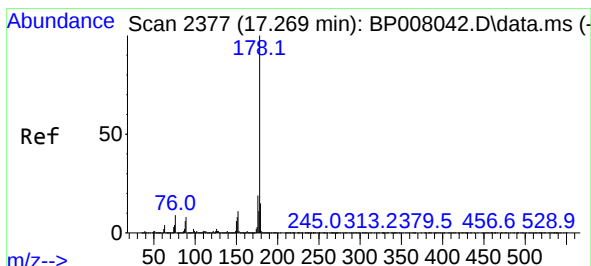
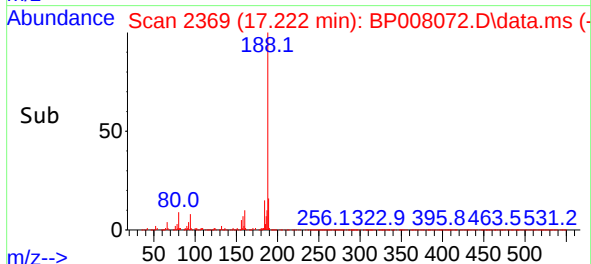
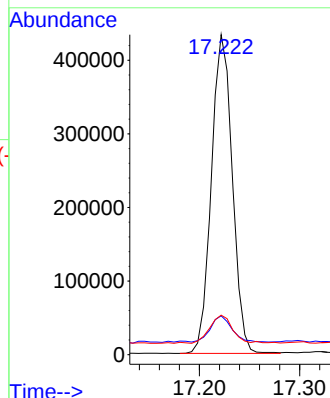
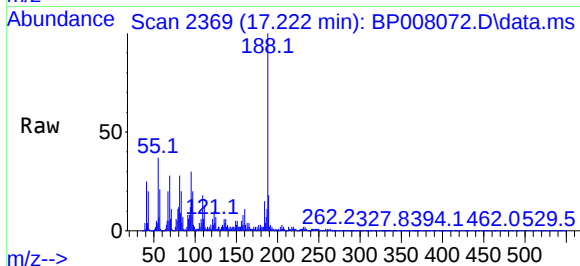
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Tgt Ion:188 Resp: 629060
Ion Ratio Lower Upper
188 100
94 12.2 7.1 10.7
80 12.4 8.1 12.1

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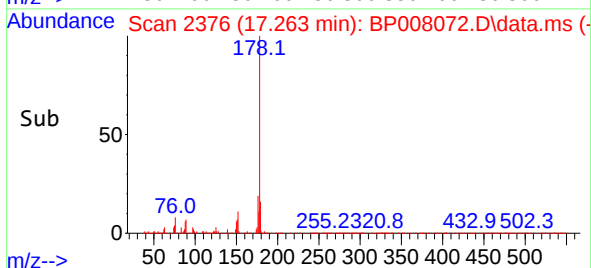
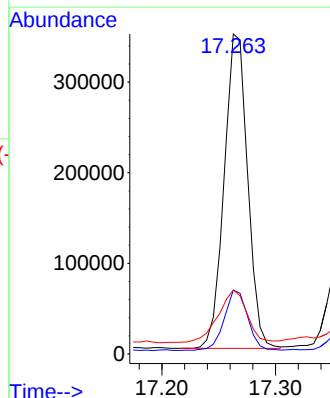
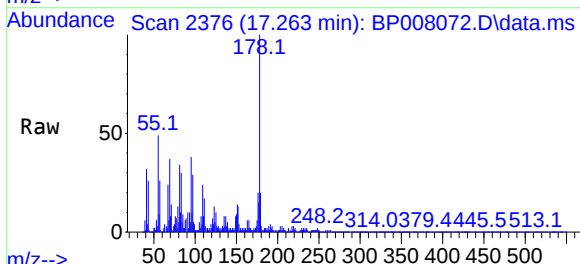
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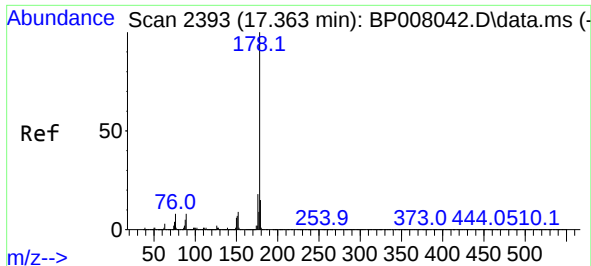
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#71
Phenanthrene
Concen: 14.712 ng
RT: 17.263 min Scan# 2376
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:178 Resp: 498640
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 20.0 12.4 18.6





#72
 Anthracene
 Concen: 4.131 ng
 RT: 17.357 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

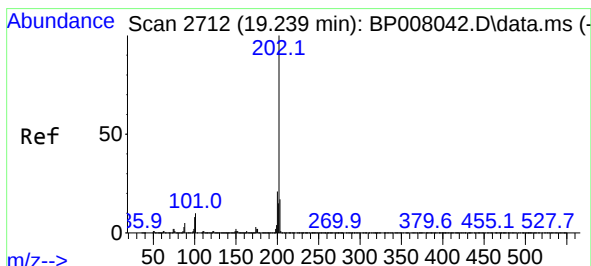
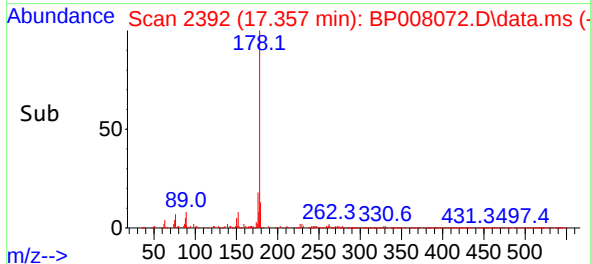
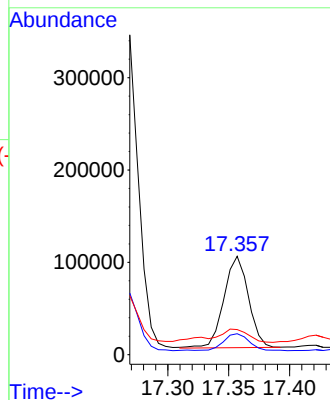
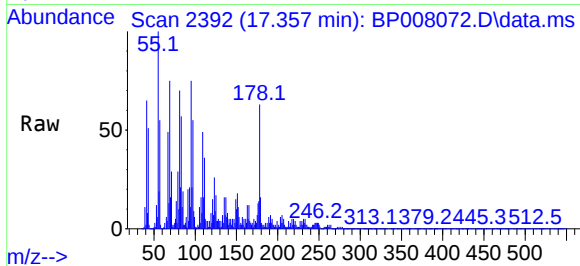
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Tgt Ion:178 Resp: 13862
 Ion Ratio Lower Upper
 178 100
 176 21.3 14.7 22.1
 179 25.6 12.2 18.4

Manual Integrations

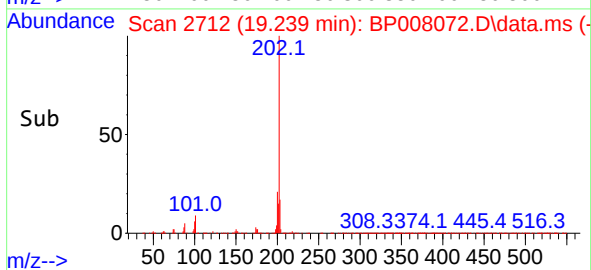
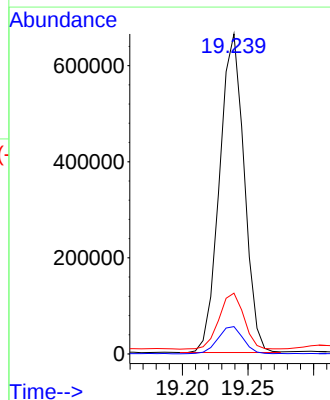
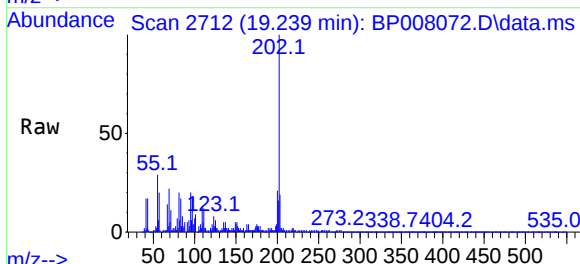
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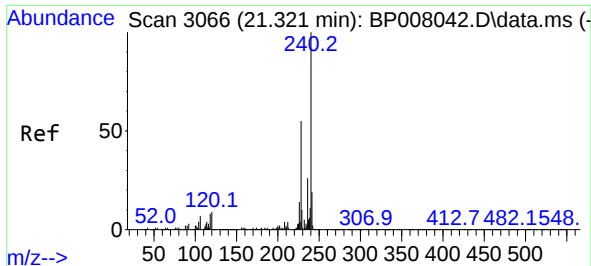
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 Supervised By :mohammad ahmed 11/24/2021



#75
 Fluoranthene
 Concen: 19.826 ng
 RT: 19.239 min Scan# 2712
 Delta R.T. 0.000 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:202 Resp: 866130
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 29.5
 203 19.0 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3066
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

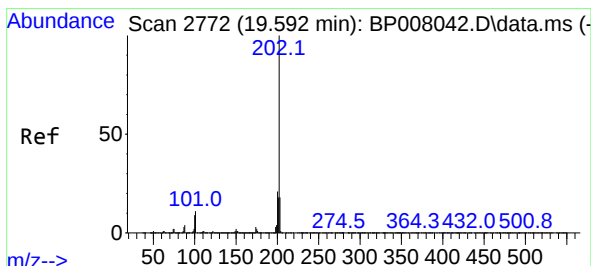
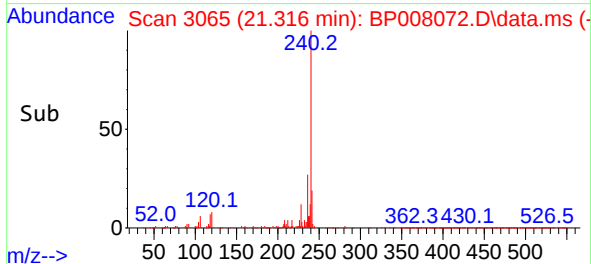
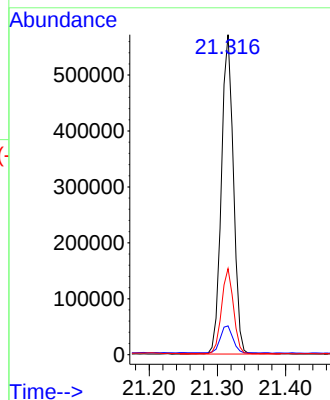
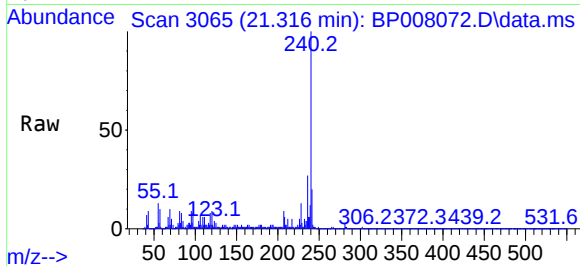
ClientSampleId :

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Tgt Ion:240 Resp: 702289
Ion Ratio Lower Upper
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120 9.0 7.4 11.2
236 26.9 21.0 31.4

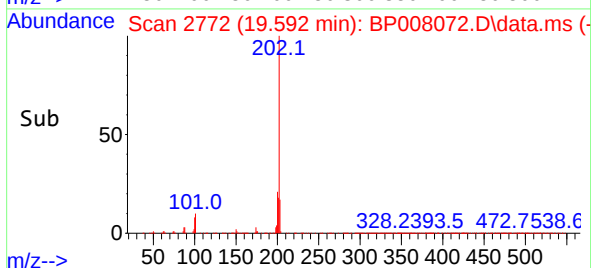
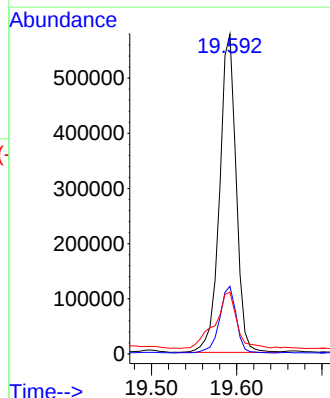
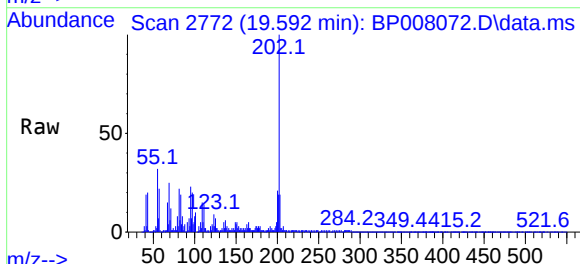
Manual Integrations
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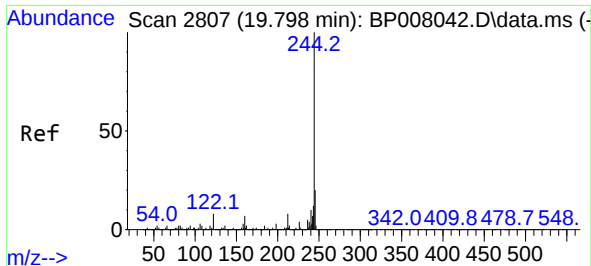
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#78
Pyrene
Concen: 16.325 ng
RT: 19.592 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:202 Resp: 778563
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 19.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 54.062 ng
 RT: 19.786 min Scan# 2111
 Delta R.T. -0.012 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

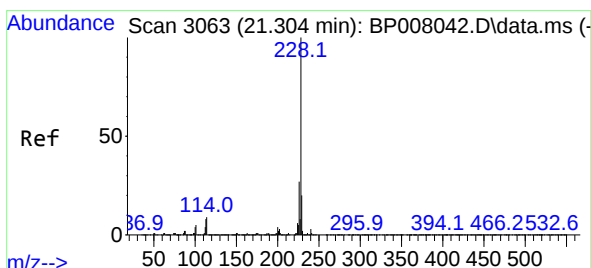
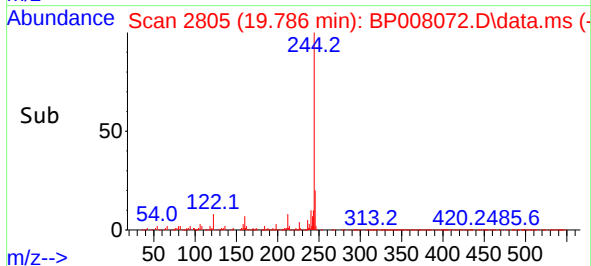
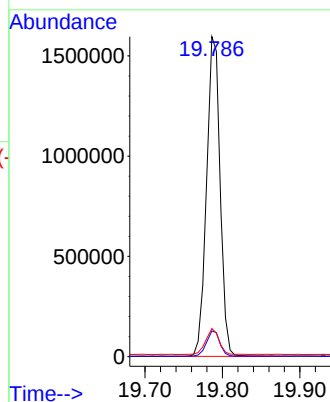
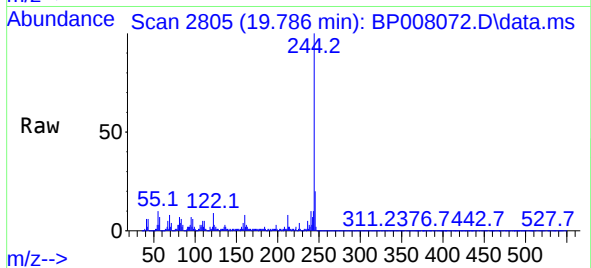
CHRT-20058

Tgt Ion:244 Resp: 1931111
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.8 6.1 9.1

Manual Integrations

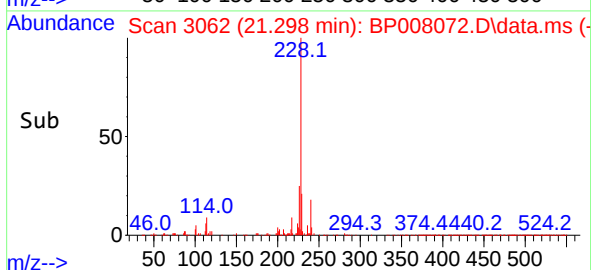
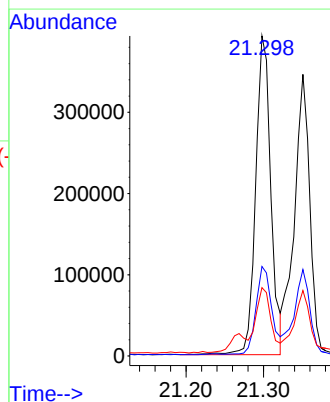
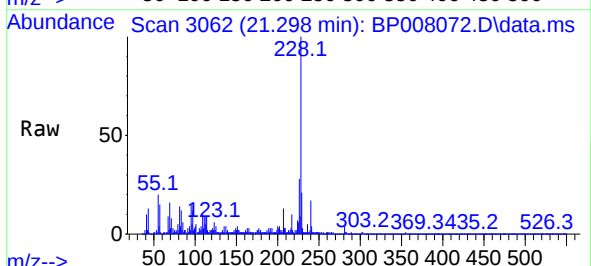
APPROVED

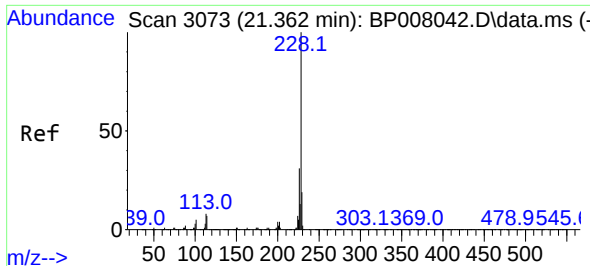
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#81
 Benzo(a)anthracene
 Concen: 11.313 ng
 RT: 21.298 min Scan# 3062
 Delta R.T. -0.006 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:228 Resp: 532804
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.8 32.6
 229 21.4 16.1 24.1





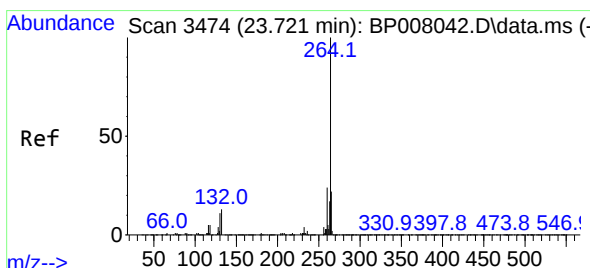
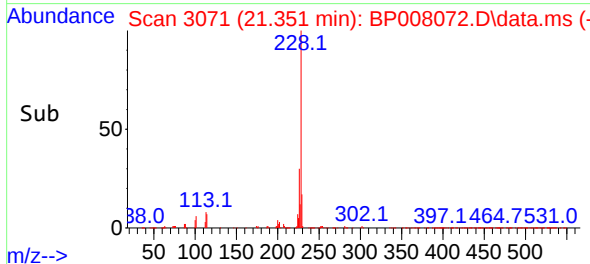
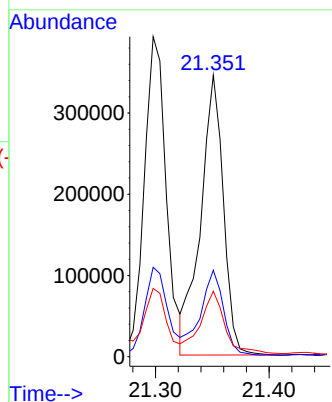
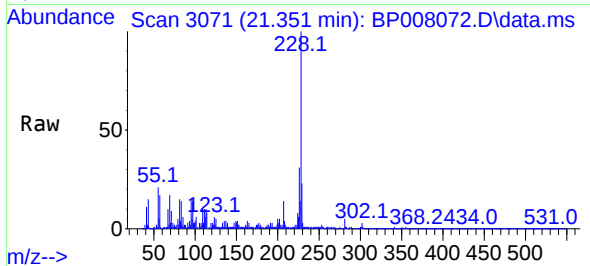
#83
Chrysene
Concen: 10.737 ng
RT: 21.351 min Scan# 3071
Delta R.T. -0.011 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :
BNA_P
ClientSampleId :
CHRT-20058

Tgt Ion:228 Resp: 479878
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 23.2 15.5 23.3

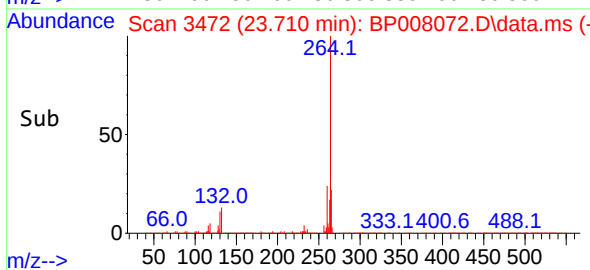
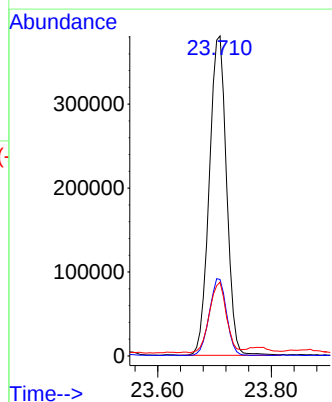
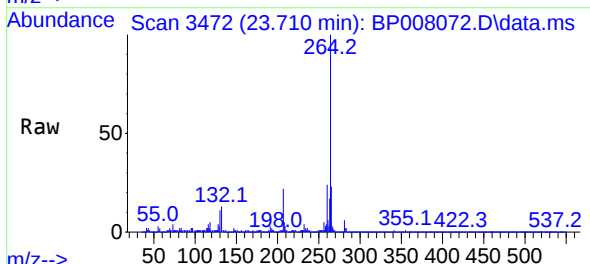
Manual Integrations
APPROVED

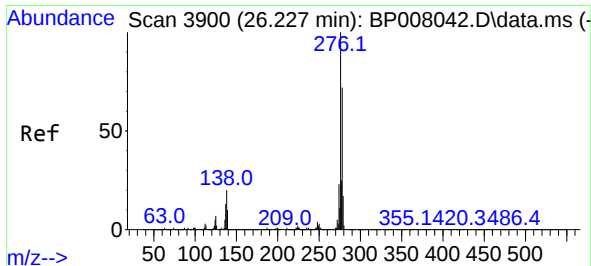
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:264 Resp: 799437
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 23.1 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.272 ng
RT: 26.198 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

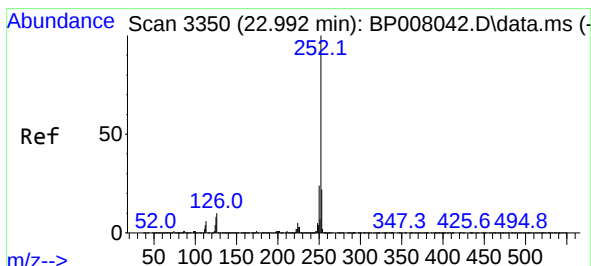
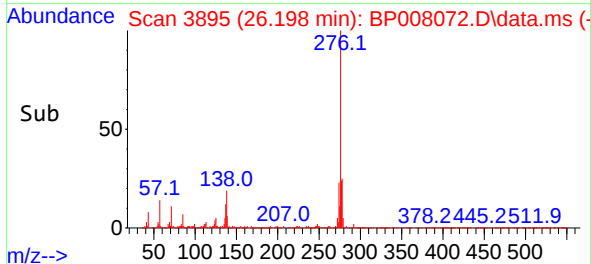
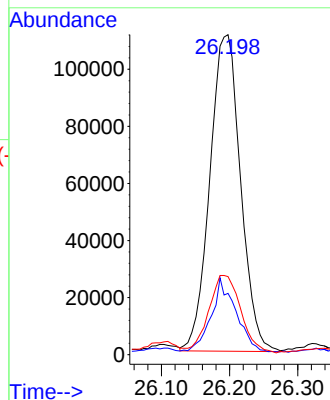
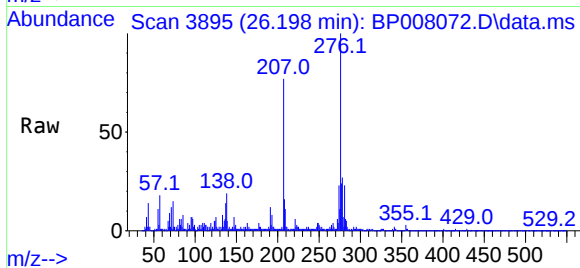
CHRT-20058

Tgt Ion: 276 Resp: 34794
Ion Ratio Lower Upper
276 100
138 18.8 16.5 24.7
277 25.6 20.2 30.4

Manual Integrations

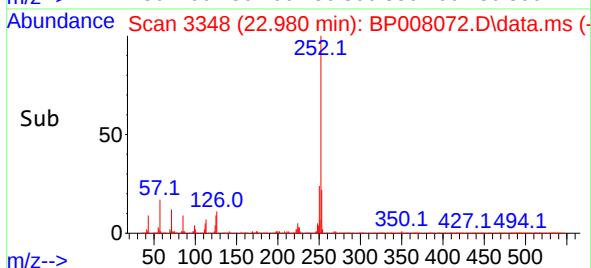
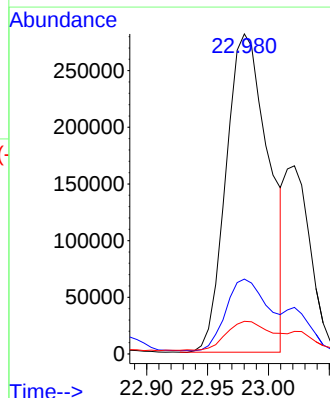
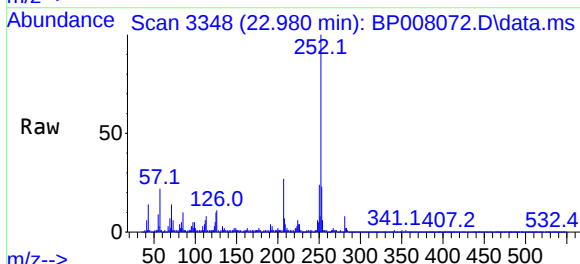
APPROVED

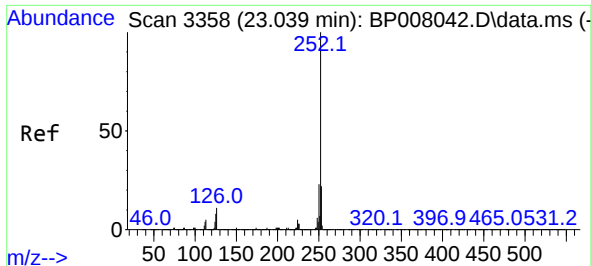
Reviewed By : Jagrut Upadhyay 11/22/2021
Supervised By : mohammad ahmed 11/24/2021



#88
Benzo(b)fluoranthene
Concen: 13.708 ng
RT: 22.980 min Scan# 3348
Delta R.T. -0.012 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion: 252 Resp: 685163
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.2 6.1 9.1#





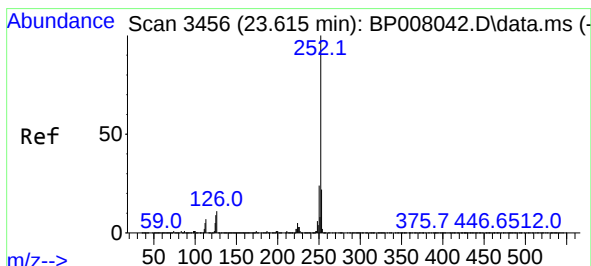
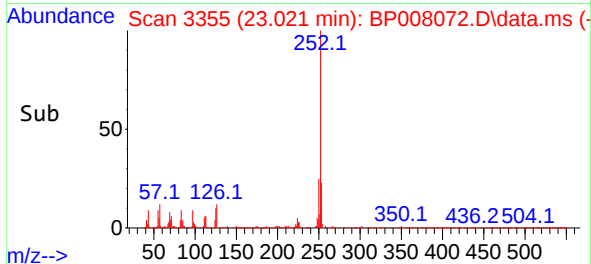
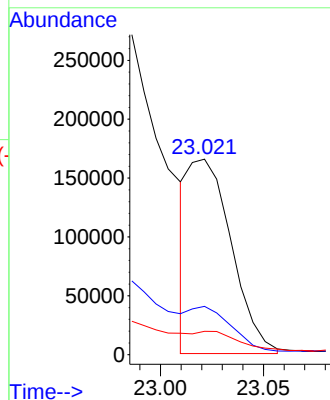
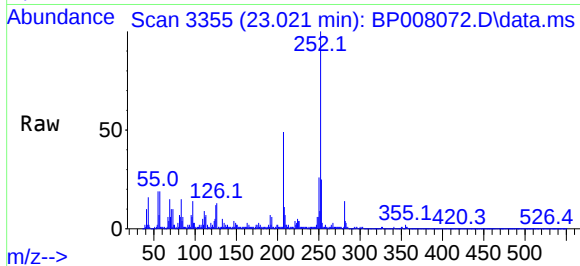
#89
Benzo(k)fluoranthene
Concen: 4.804 ng m
RT: 23.021 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :
BNA_P
ClientSampleId :
CHRT-20058

Tgt Ion:252 Resp: 238890
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 12.0 6.2 9.4

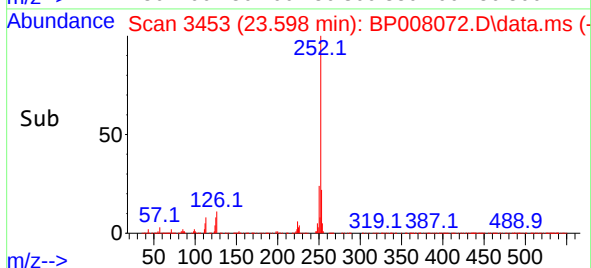
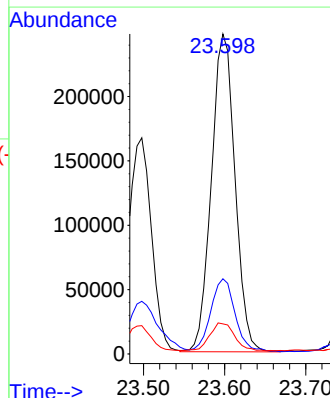
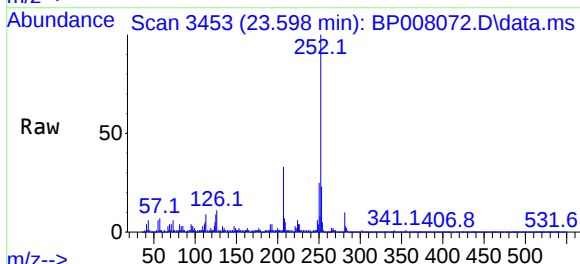
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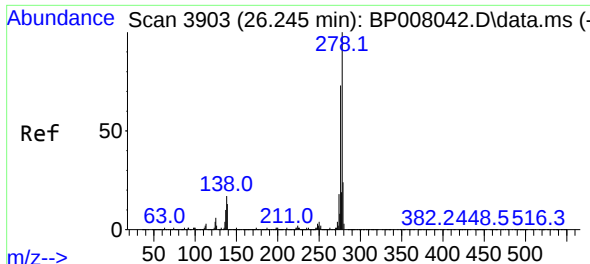
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#90
Benzo(a)pyrene
Concen: 11.936 ng
RT: 23.598 min Scan# 3453
Delta R.T. -0.017 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:252 Resp: 500007
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 9.4 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 2.200 ng
RT: 26.198 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

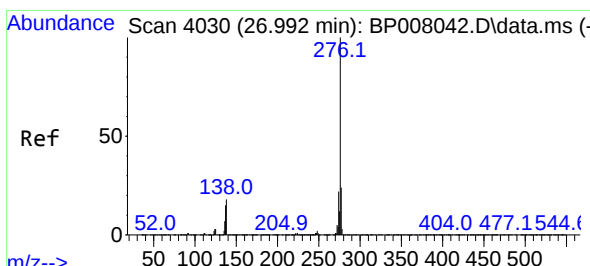
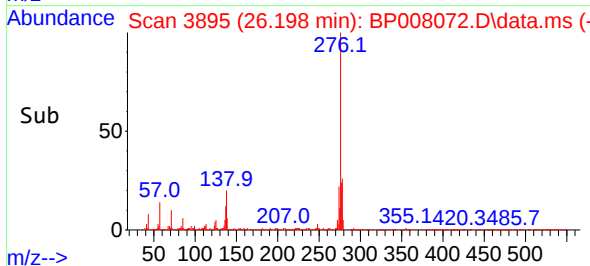
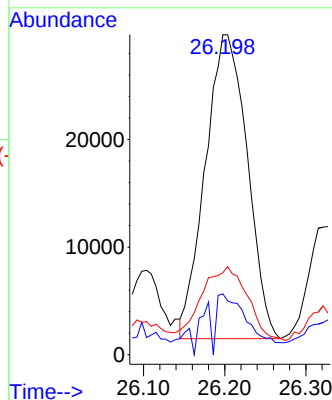
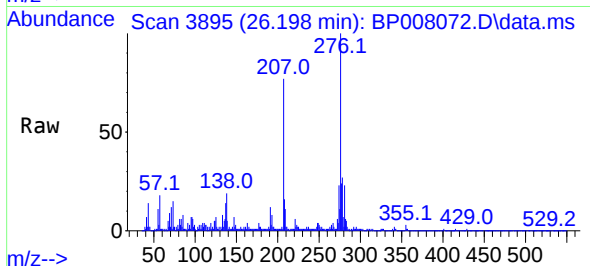
CHRT-20058

Tgt Ion:278 Resp: 101592
Ion Ratio Lower Upper
278 100
139 19.0 10.5 15.7
279 25.6 18.8 28.2

Manual Integrations

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Supervised By :mohammad ahmed 11/24/2021



#92
Benzo(g,h,i)perylene
Concen: 7.400 ng
RT: 26.956 min Scan# 4024
Delta R.T. -0.036 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:276 Resp: 334752
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.7 14.2 21.2

