

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009019.D
 Acq On : 02 Feb 2022 22:10
 Operator : CG/JU
 Sample : N1358-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-2-020122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2022
 Supervised By : Jagrut Upadhyay 02/04/2022

Quant Time: Feb 03 06:27:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	193501	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	754993	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	498747	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1103974	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1146809	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1179847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1007617	80.526	ng	0.00
7) Phenol-d6	7.005	99	1229143	81.119	ng	0.00
23) Nitrobenzene-d5	8.981	82	759623	57.122	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	630206	86.808	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2095535	55.408	ng	0.00
79) Terphenyl-d14	19.780	244	3479918	51.219	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	32841	2.126	ng	# 72
71) Phenanthrene	17.263	178	458863	7.382	ng	98
75) Fluoranthene	19.233	202	921581	13.333	ng	96
78) Pyrene	19.586	202	801783	10.020	ng	98
81) Benzo(a)anthracene	21.298	228	400037	5.185	ng	98
83) Chrysene	21.345	228	350835	4.691	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	204110	2.099	ng	# 95
88) Benzo(b)fluoranthene	22.986	252	473124	6.005	ng	97
89) Benzo(k)fluoranthene	23.027	252	167442m	2.195	ng	
90) Benzo(a)pyrene	23.610	252	309814	4.074	ng	98
92) Benzo(g,h,i)perylene	26.998	276	203160	2.517	ng	98

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

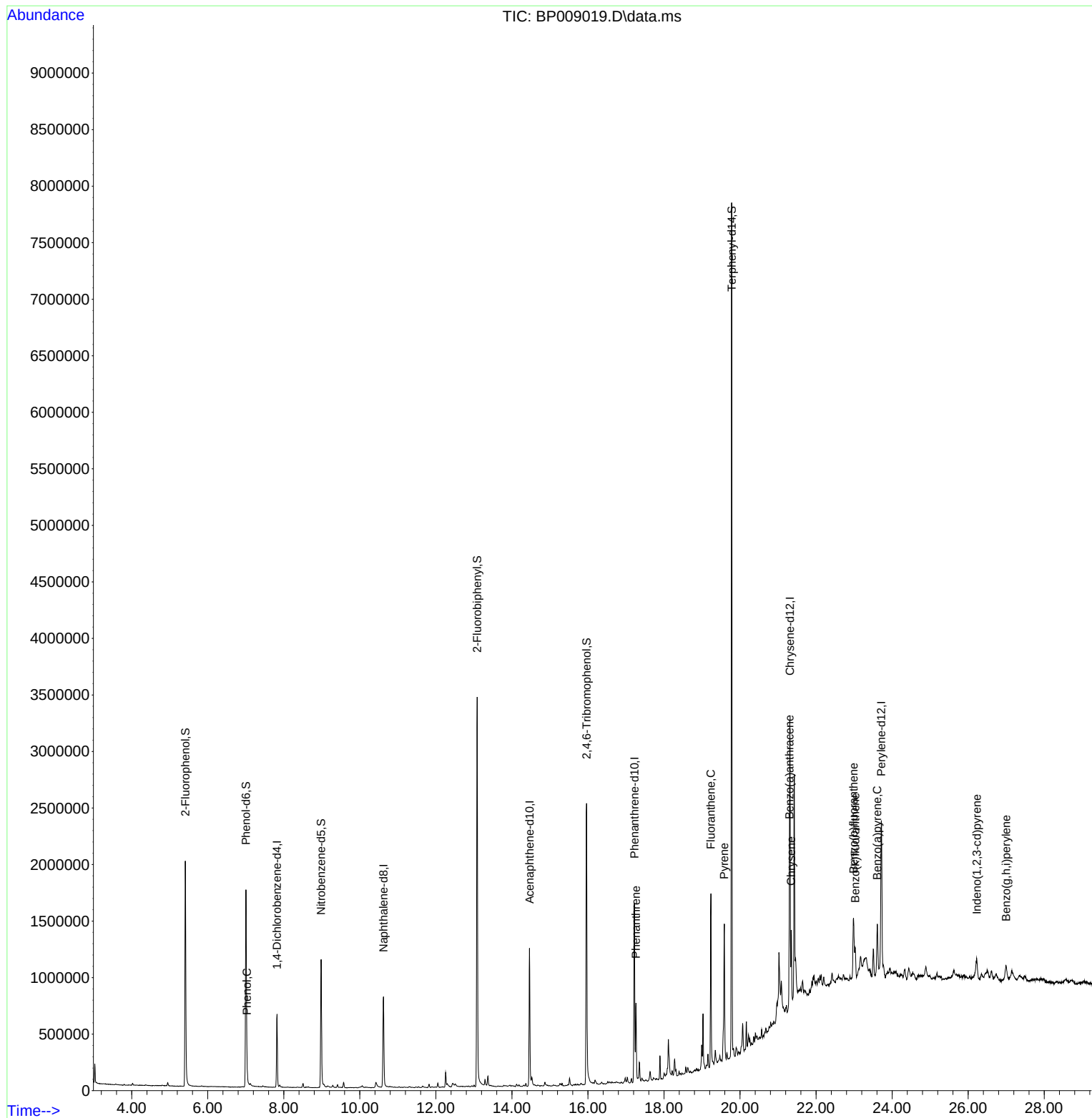
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009019.D
Acq On : 02 Feb 2022 22:10
Operator : CG/JU
Sample : N1358-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

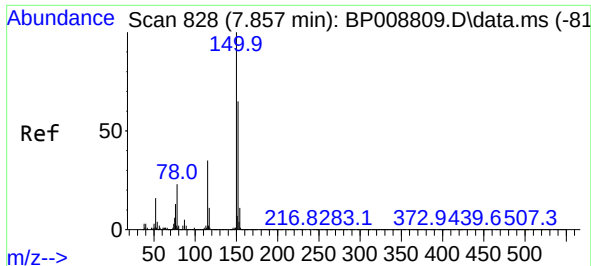
Instrument :
BNA_P
ClientSampleId :
BU-2-020122

Quant Time: Feb 03 06:27:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration

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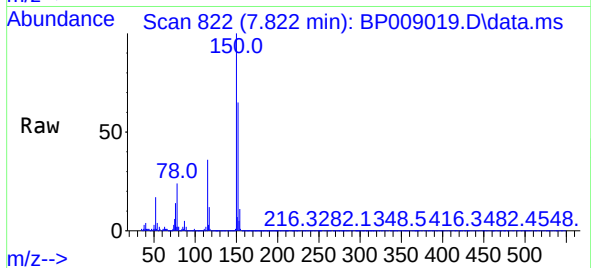
Reviewed By : Christian Giraldo 02/03/2022
Supervised By : Jagrut Upadhyay 02/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

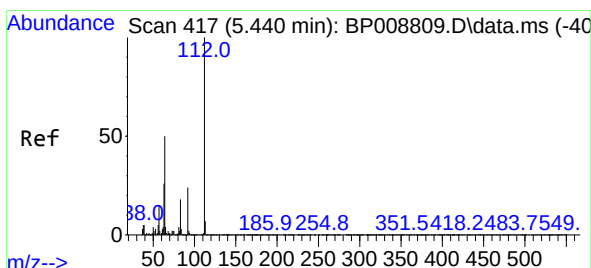
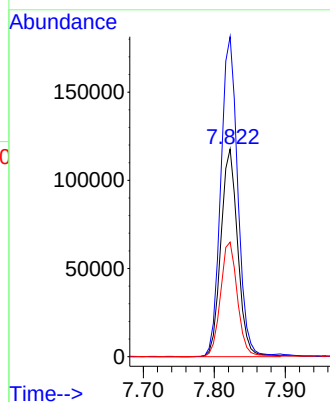
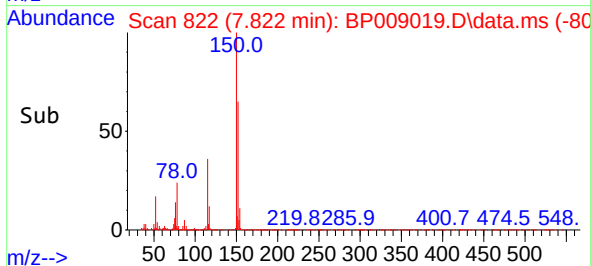
Instrument :
BNA_P
ClientSampleId :
BU-2-020122



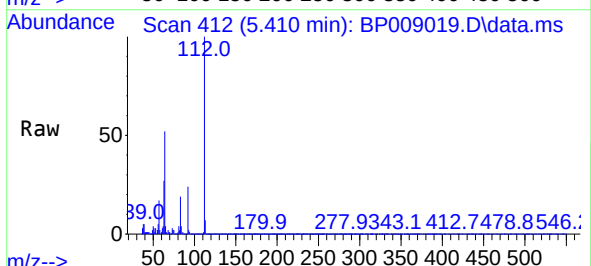
Tgt Ion:152 Resp: 19350
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 55.2 43.7 65.5

Manual Integrations
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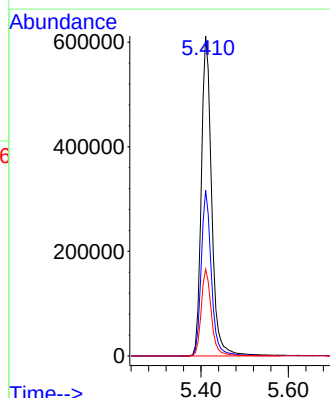
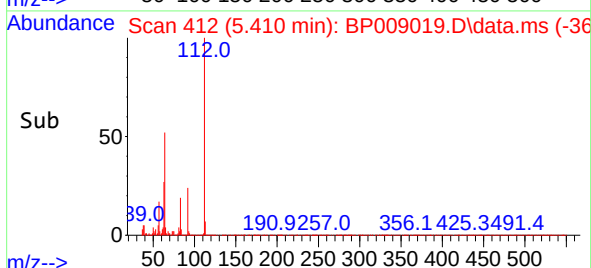
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

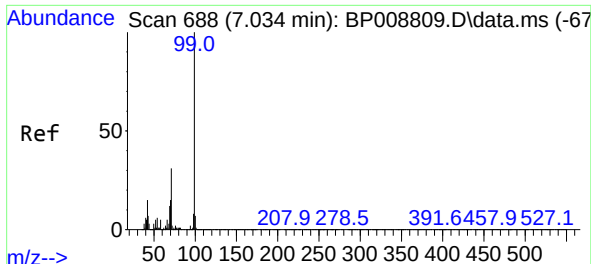


#5
2-Fluorophenol
Concen: 80.526 ng
RT: 5.410 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10



Tgt Ion:112 Resp: 1007617
Ion Ratio Lower Upper
112 100
64 51.8 39.7 59.5
63 27.1 20.0 30.0





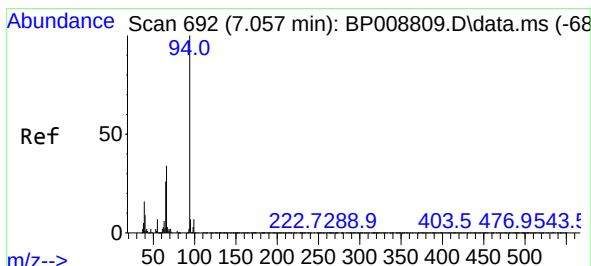
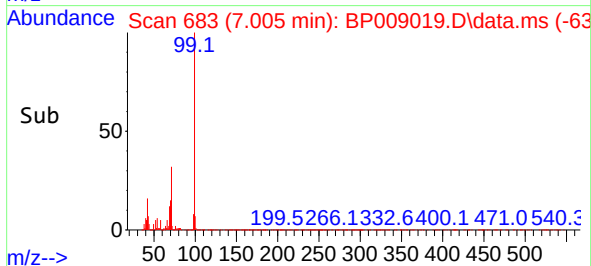
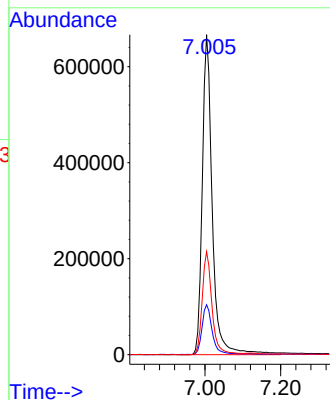
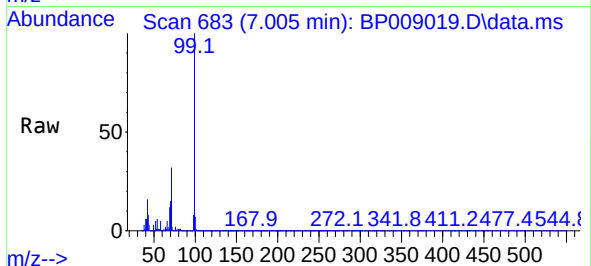
#7
Phenol-d6
Concen: 81.119 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :
BNA_P
ClientSampleId :
BU-2-020122

Tgt Ion: 99 Resp: 122914
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 32.2 23.8 35.6

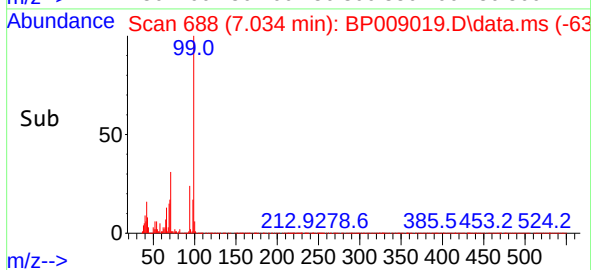
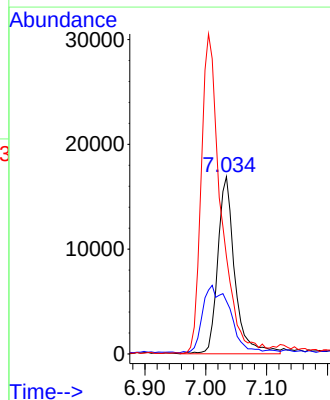
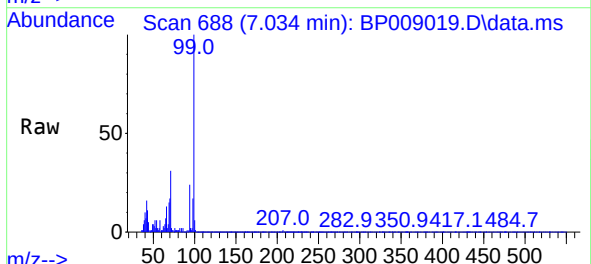
Manual Integrations
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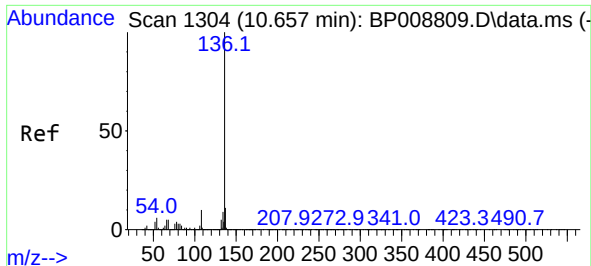
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#10
Phenol
Concen: 2.126 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion: 94 Resp: 32841
Ion Ratio Lower Upper
94 100
65 29.8 4.1 44.1
66 54.9 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :

BNA_P

ClientSampleId :

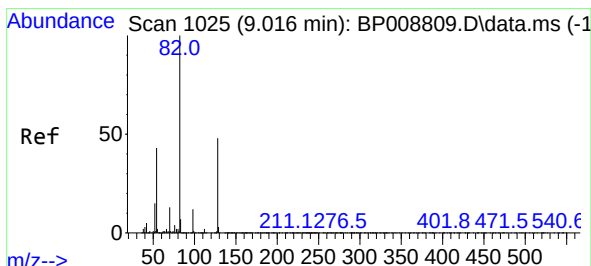
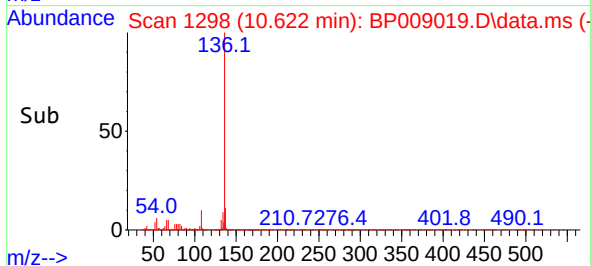
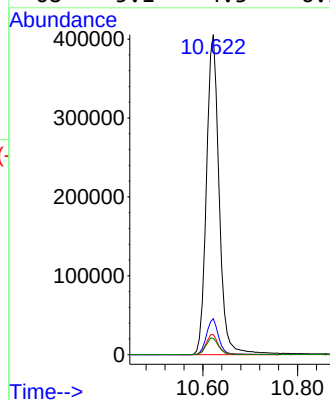
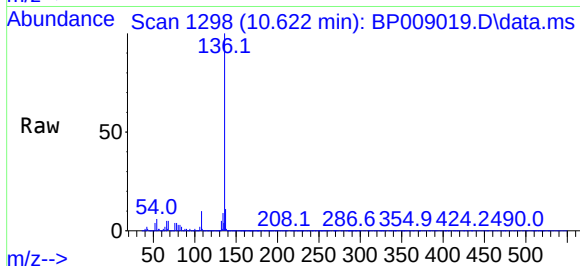
BU-2-020122

Tgt Ion:	136	Resp:	75499
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.3	4.9	7.3
68	5.1	4.3	6.5

Manual Integrations

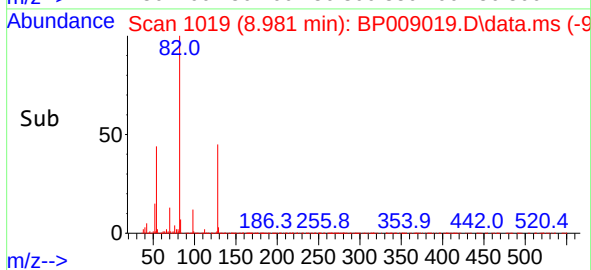
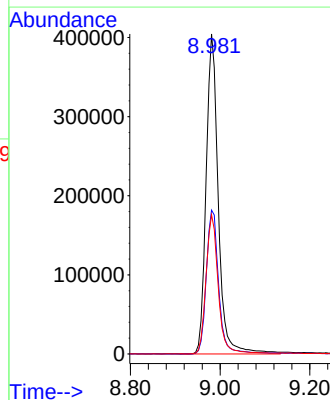
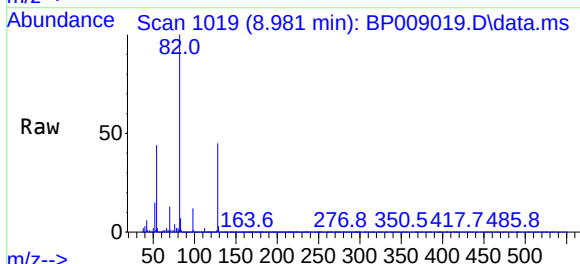
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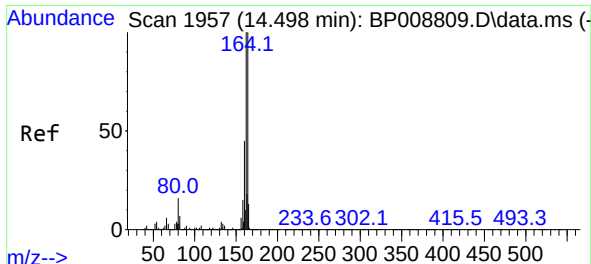
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#23
Nitrobenzene-d5
Concen: 57.122 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion:	82	Resp:	759623
Ion Ratio	Lower	Upper	
82	100		
128	44.9	39.4	59.2
54	43.5	32.6	48.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :

BNA_P

ClientSampleId :

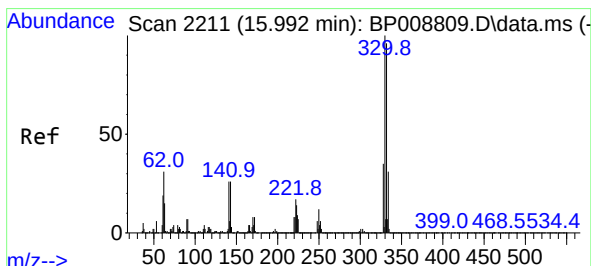
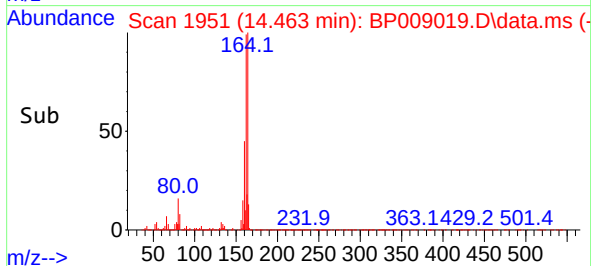
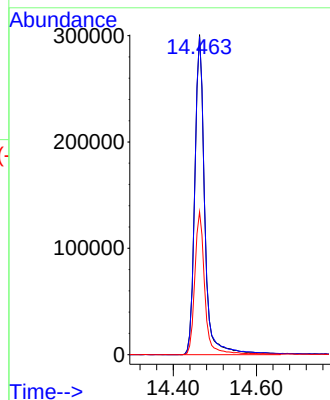
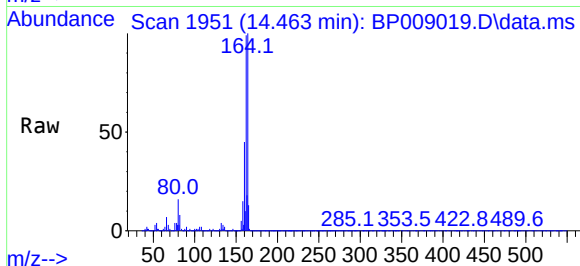
BU-2-020122

Tgt Ion:164 Resp: 49874
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.6 35.5 53.3

Manual Integrations

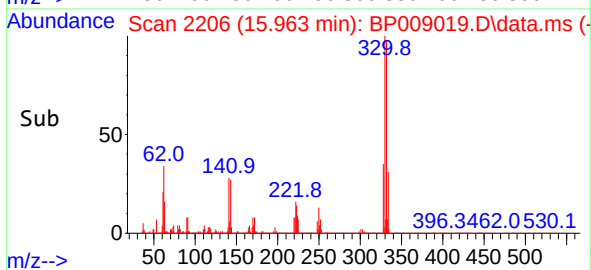
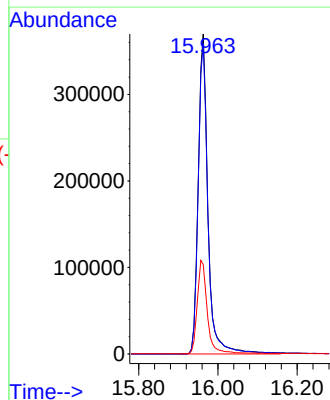
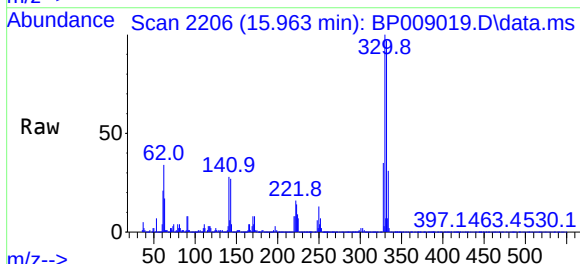
APPROVED

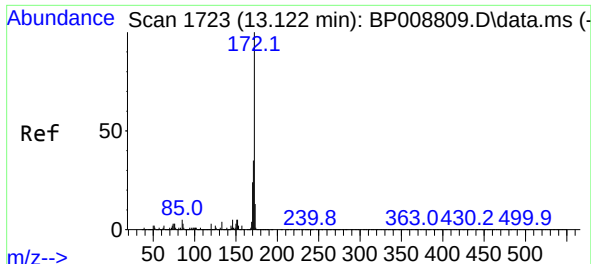
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#42
2,4,6-Tribromophenol
Concen: 86.808 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion:330 Resp: 630206
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 30.1 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 55.408 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :

BNA_P

ClientSampleId :

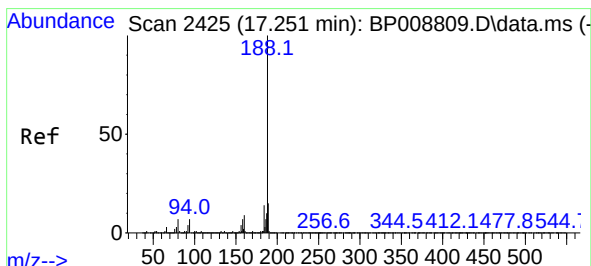
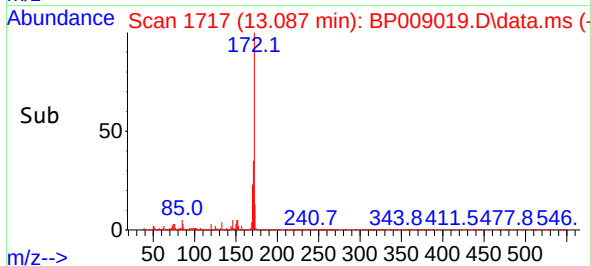
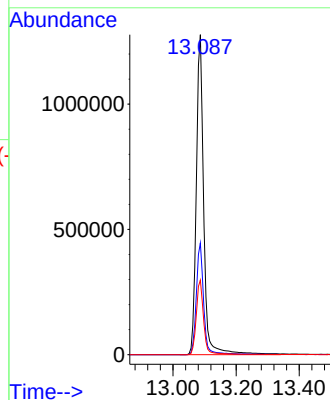
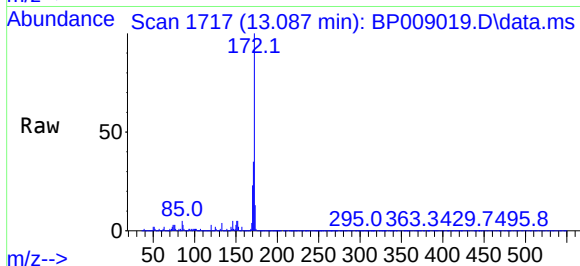
BU-2-020122

Tgt Ion:172 Resp: 209553
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.3 19.5 29.3

Manual Integrations

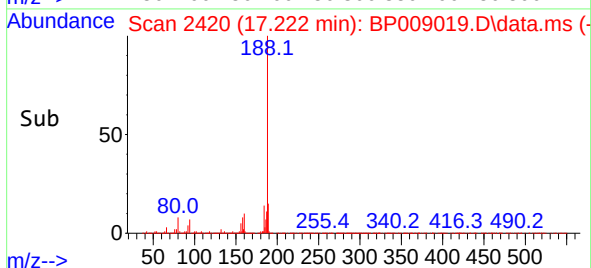
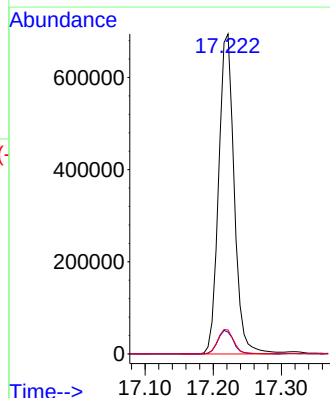
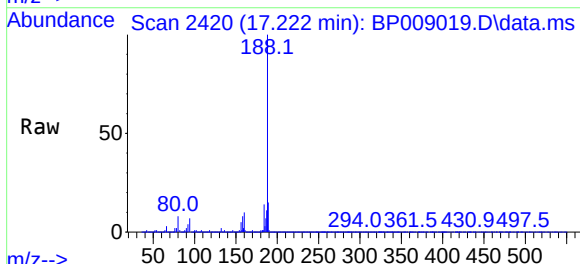
APPROVED

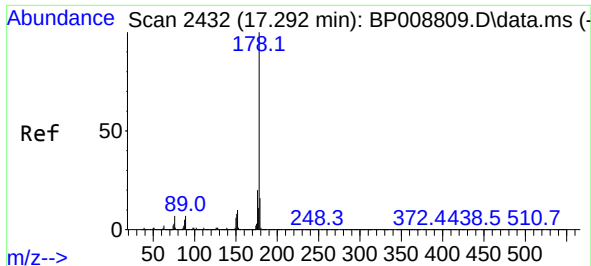
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion:188 Resp: 1103974
Ion Ratio Lower Upper
188 100
94 6.8 6.8 10.2
80 7.5 7.2 10.8





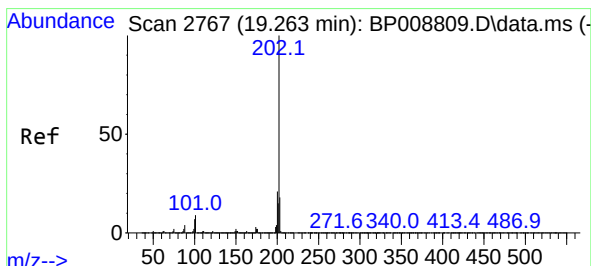
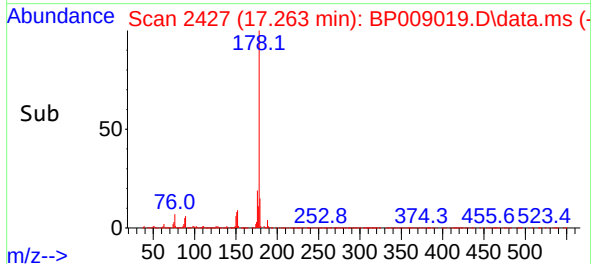
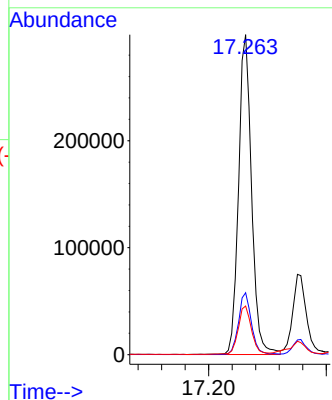
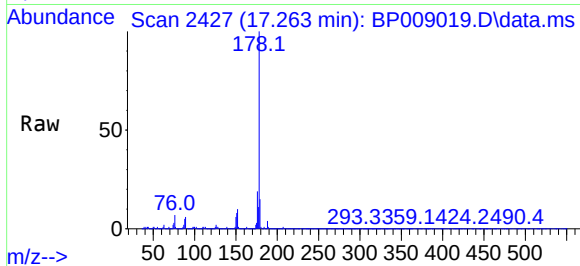
#71
Phenanthrene
Concen: 7.382 ng
RT: 17.263 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :
BNA_P
ClientSampleId :
BU-2-020122

Tgt Ion:178 Resp: 45886
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.2 13.0 19.4

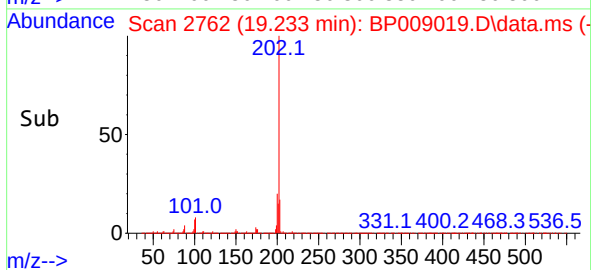
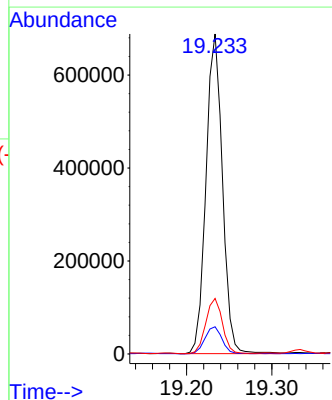
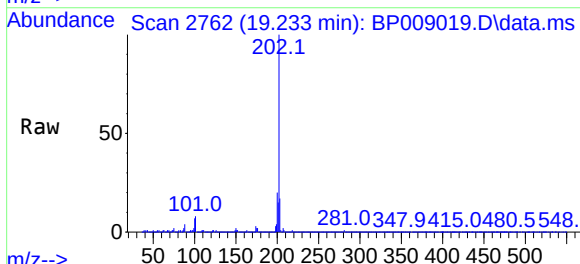
Manual Integrations
APPROVED

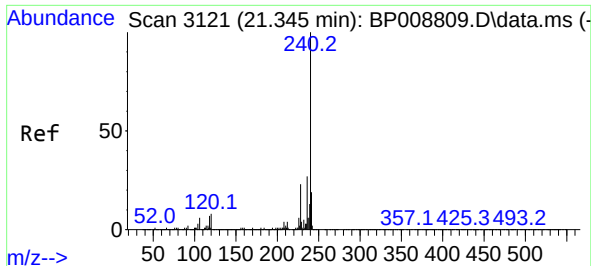
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#75
Fluoranthene
Concen: 13.333 ng
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion:202 Resp: 921581
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.7
203 17.3 0.0 38.9





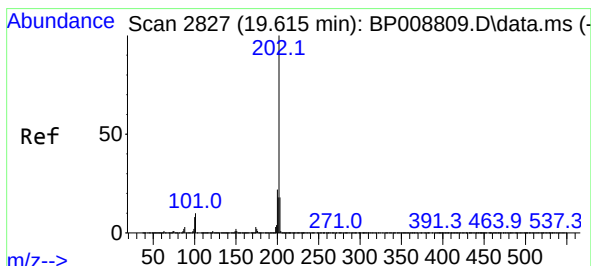
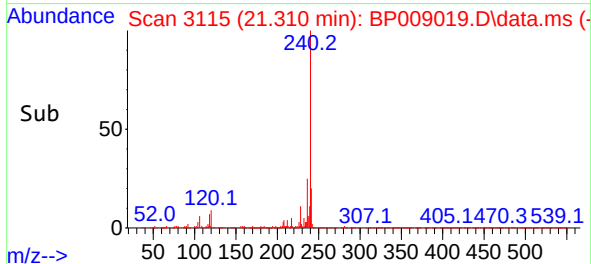
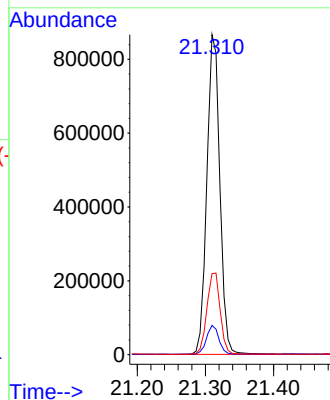
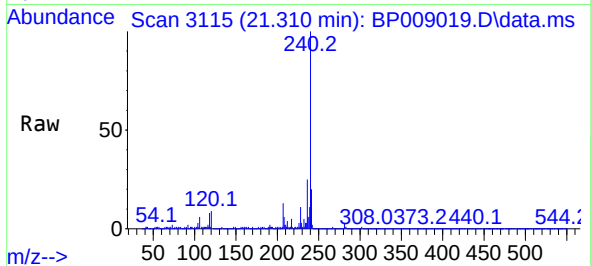
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :
BNA_P
ClientSampleId :
BU-2-020122

Tgt Ion:240 Resp: 1146809
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 25.4 21.2 31.8

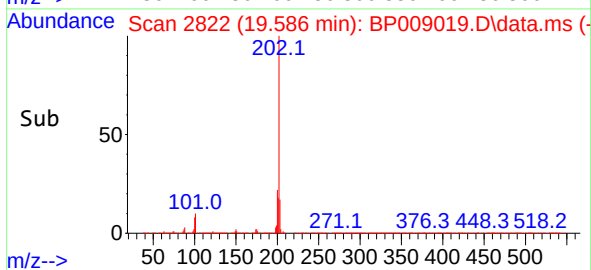
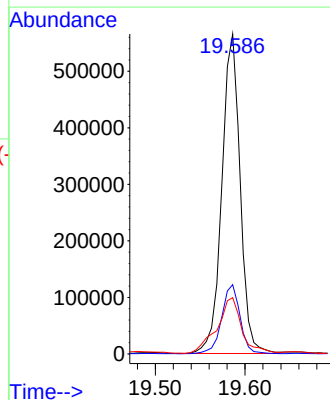
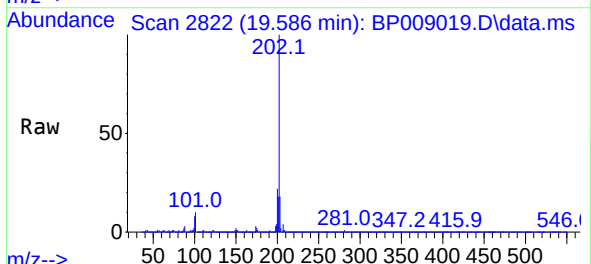
Manual Integrations
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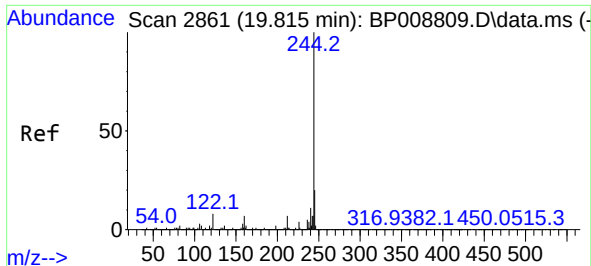
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#78
Pyrene
Concen: 10.020 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

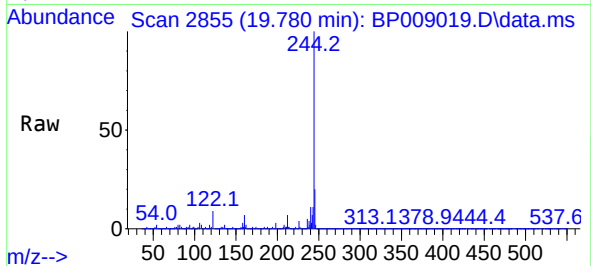
Tgt Ion:202 Resp: 801783
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.6 15.0 22.6





#79
Terphenyl-d14
Concen: 51.219 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

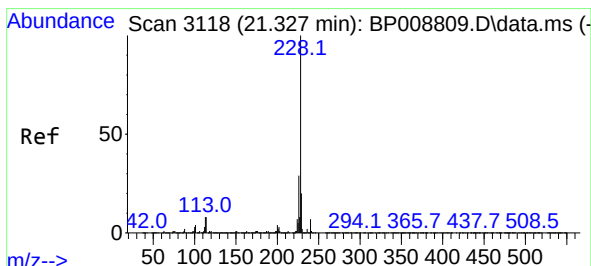
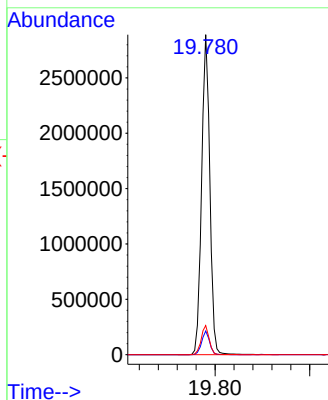
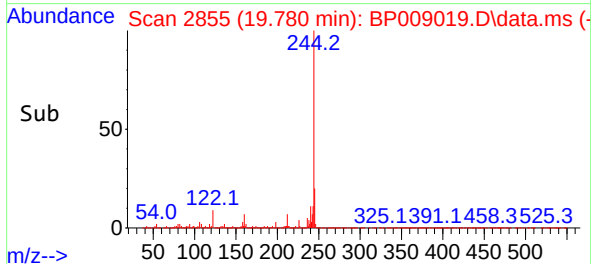
Instrument :
BNA_P
ClientSampleId :
BU-2-020122



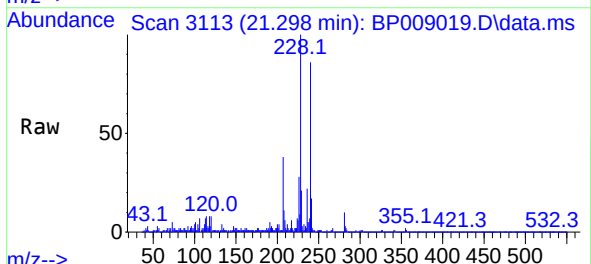
Tgt Ion:244 Resp: 3479918
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.1 9.2 13.8

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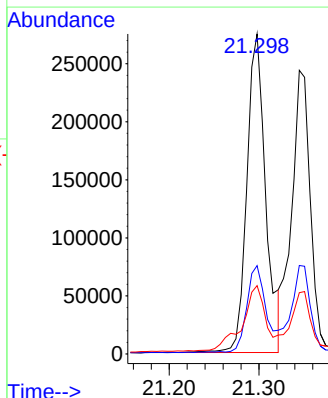
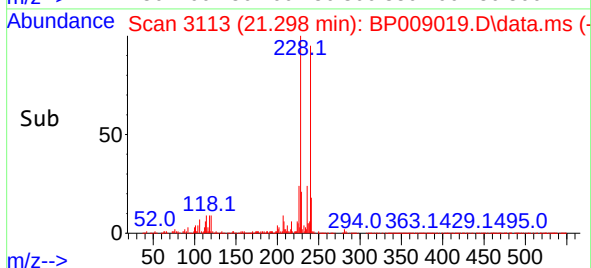
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

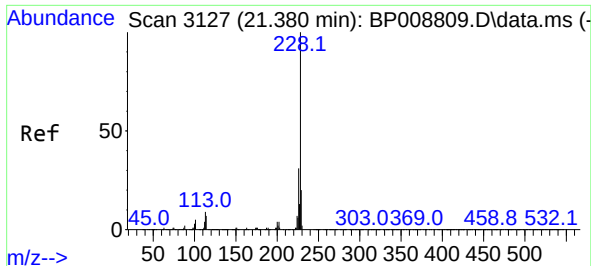


#81
Benzo(a)anthracene
Concen: 5.185 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10



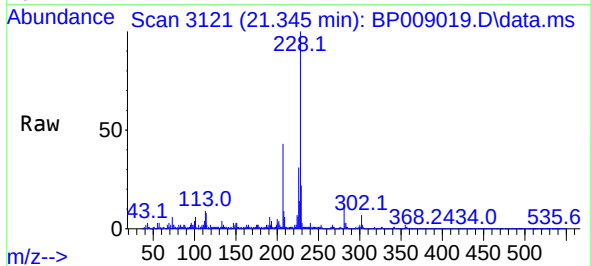
Tgt Ion:228 Resp: 400037
Ion Ratio Lower Upper
228 100
226 27.6 23.3 34.9
229 21.4 17.0 25.6





#83
Chrysene
Concen: 4.691 ng
RT: 21.345 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

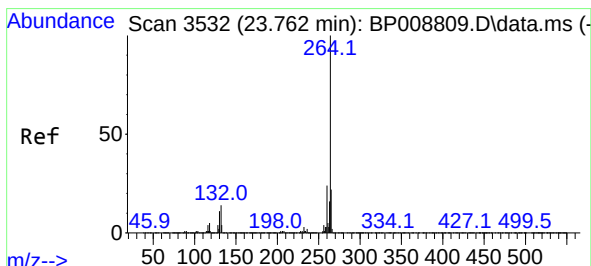
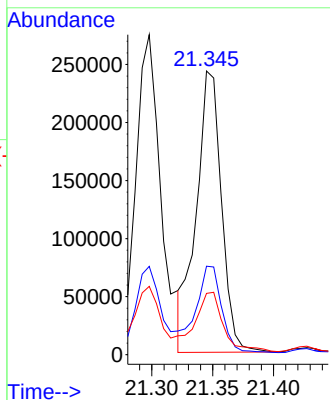
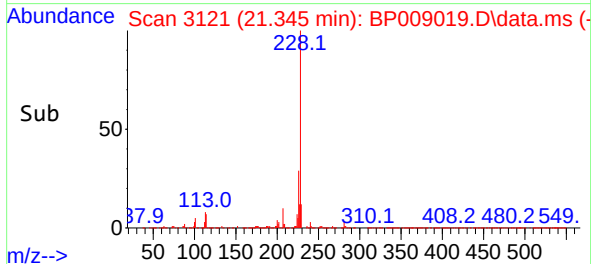
Instrument :
BNA_P
ClientSampleId :
BU-2-020122



Tgt Ion:228 Resp: 350835
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 21.6 16.9 25.3

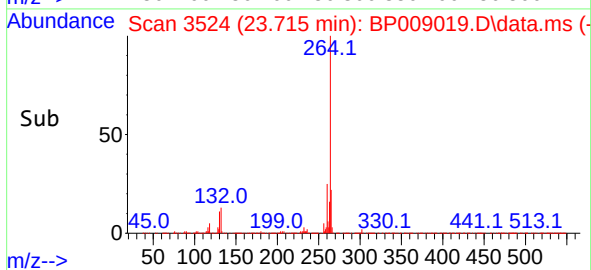
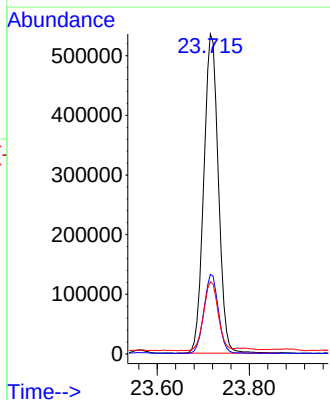
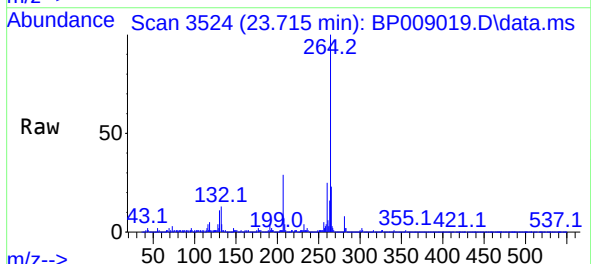
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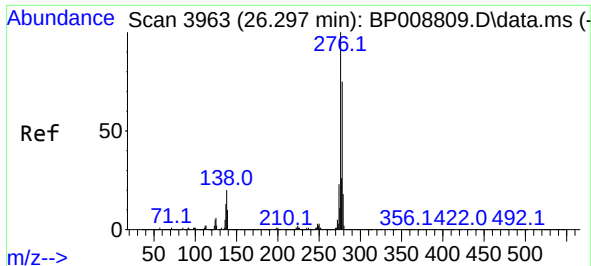
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

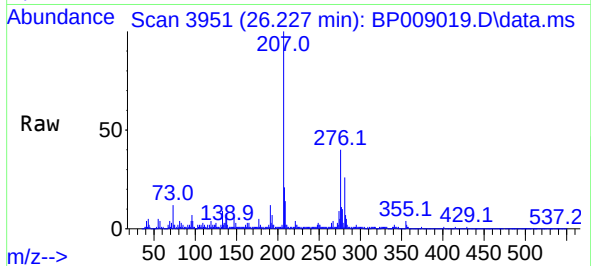
Tgt Ion:264 Resp: 1179847
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 22.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.099 ng
RT: 26.227 min Scan# 3963
Delta R.T. -0.018 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

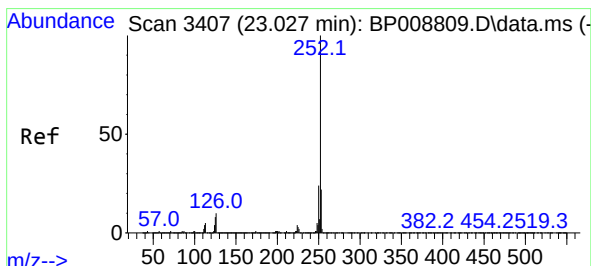
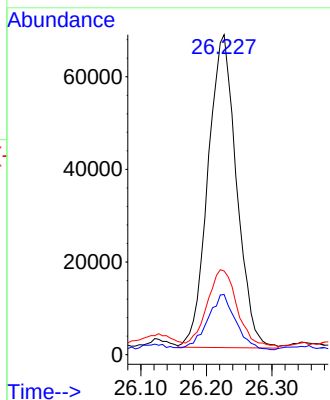
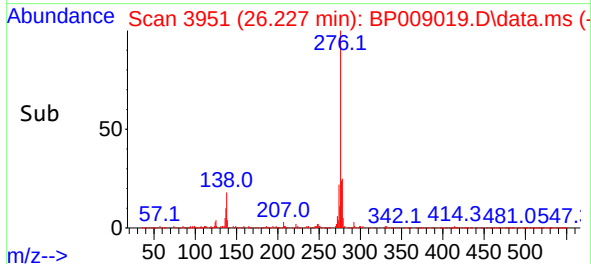
Instrument :
BNA_P
ClientSampleId :
BU-2-020122



Tgt Ion: 276 Resp: 204110
Ion Ratio Lower Upper
276 100
138 17.4 17.8 26.6
277 25.6 20.4 30.6

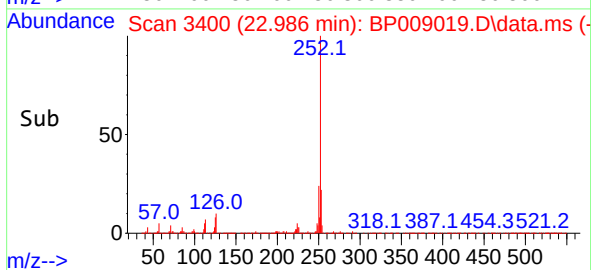
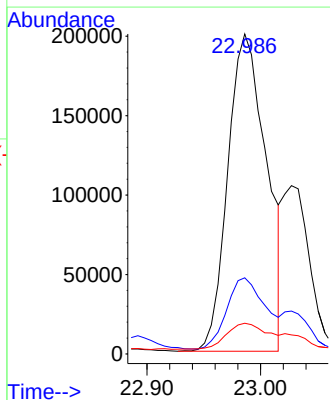
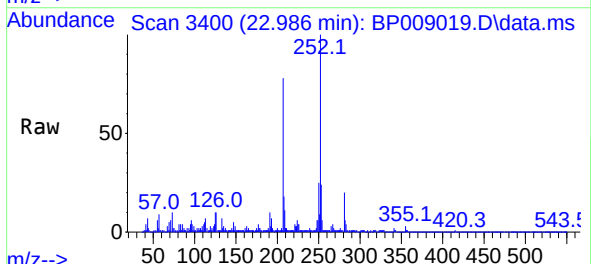
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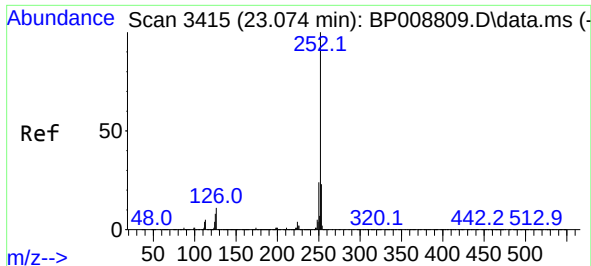
Reviewed By : Christian Giraldo 02/03/2022
Supervised By : Jagrut Upadhyay 02/04/2022



#88
Benzo(b)fluoranthene
Concen: 6.005 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Tgt Ion: 252 Resp: 473124
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 9.6 6.9 10.3





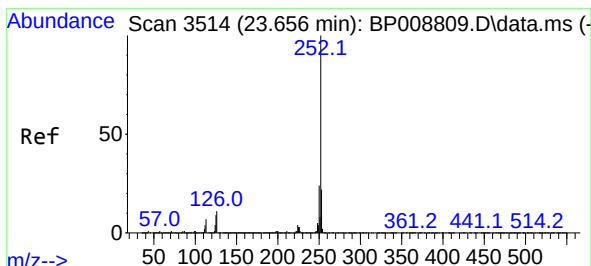
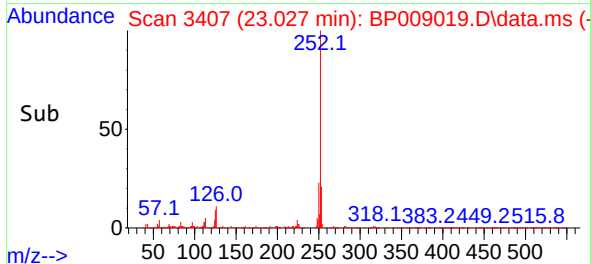
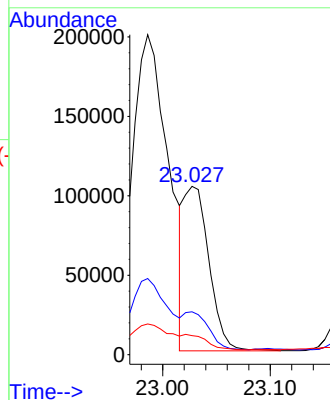
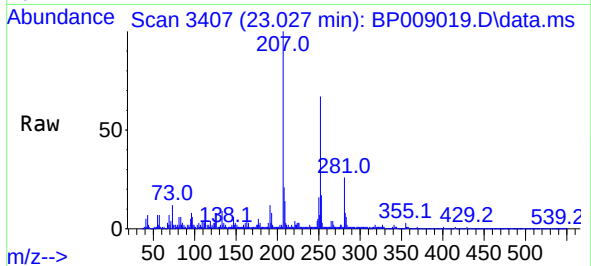
#89
Benzo(k)fluoranthene
Concen: 2.195 ng m
RT: 23.027 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

Instrument :
BNA_P
ClientSampleId :
BU-2-020122

Tgt Ion:252 Resp: 16744
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 11.4 7.3 10.9

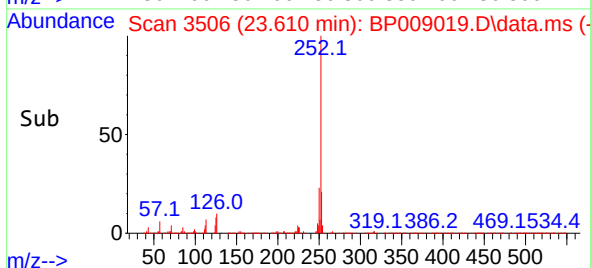
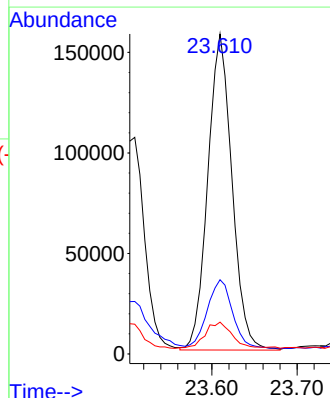
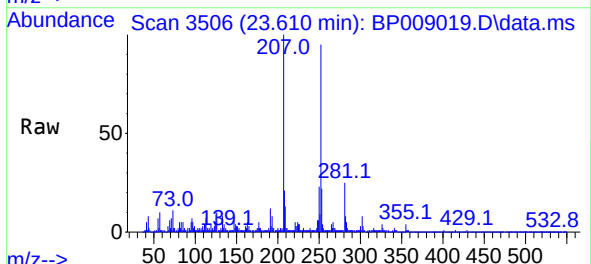
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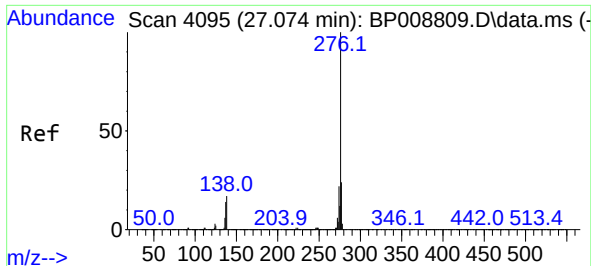
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#90
Benzo(a)pyrene
Concen: 4.074 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009019.D
Acq: 02 Feb 2022 22:10

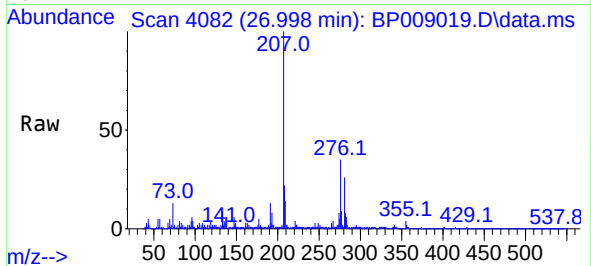
Tgt Ion:252 Resp: 309814
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.9 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.517 ng
 RT: 26.998 min Scan# 4082
 Delta R.T. -0.018 min
 Lab File: BP009019.D
 Acq: 02 Feb 2022 22:10

Instrument :
 BNA_P
 ClientSampleId :
 BU-2-020122



Tgt Ion: 276 Resp: 203160

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	18.2	15.0	22.4

Manual Integrations
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Reviewed By : Christian Giraldo 02/03/2022
 Supervised By : Jagrut Upadhyay 02/04/2022

