

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009007.D
 Acq On : 02 Feb 2022 15:31
 Operator : CG/JU
 Sample : N1356-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-PHC

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 06:24:04 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	186461	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	717727	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	480884	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1040914	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1120995	20.000	ng	0.00
86) Perylene-d12	23.722	264	1179810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1431445	118.717	ng	0.00
7) Phenol-d6	7.005	99	1829270	125.283	ng	0.00
23) Nitrobenzene-d5	8.981	82	1141438	90.290	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	947971	135.429	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	3002519	82.339	ng	0.00
79) Terphenyl-d14	19.781	244	4548239	68.485	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	35121	2.359	ng	# 69
49) Acenaphthylene	14.187	152	124310	2.727	ng	99
52) Acenaphthene	14.528	154	117593	4.350	ng	100
58) Fluorene	15.516	166	133538	3.838	ng	98
71) Phenanthrene	17.263	178	2450666	41.815	ng	98
72) Anthracene	17.357	178	415586	7.069	ng	99
73) Carbazole	17.634	167	148092	2.929	ng	99
75) Fluoranthene	19.234	202	3313728	50.844	ng	96
78) Pyrene	19.586	202	3466437	44.318	ng	99
81) Benzo(a)anthracene	21.298	228	1704545	22.602	ng	99
83) Chrysene	21.351	228	1553625	21.251	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	916624	9.428	ng	# 95
88) Benzo(b)fluoranthene	22.992	252	1965047m	24.940	ng	
89) Benzo(k)fluoranthene	23.033	252	549296m	7.202	ng	
90) Benzo(a)pyrene	23.616	252	1396294	18.360	ng	99
91) Dibenzo(a,h)anthracene	26.233	278	248447m	3.005	ng	
92) Benzo(g,h,i)perylene	26.992	276	916948	11.361	ng	97

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

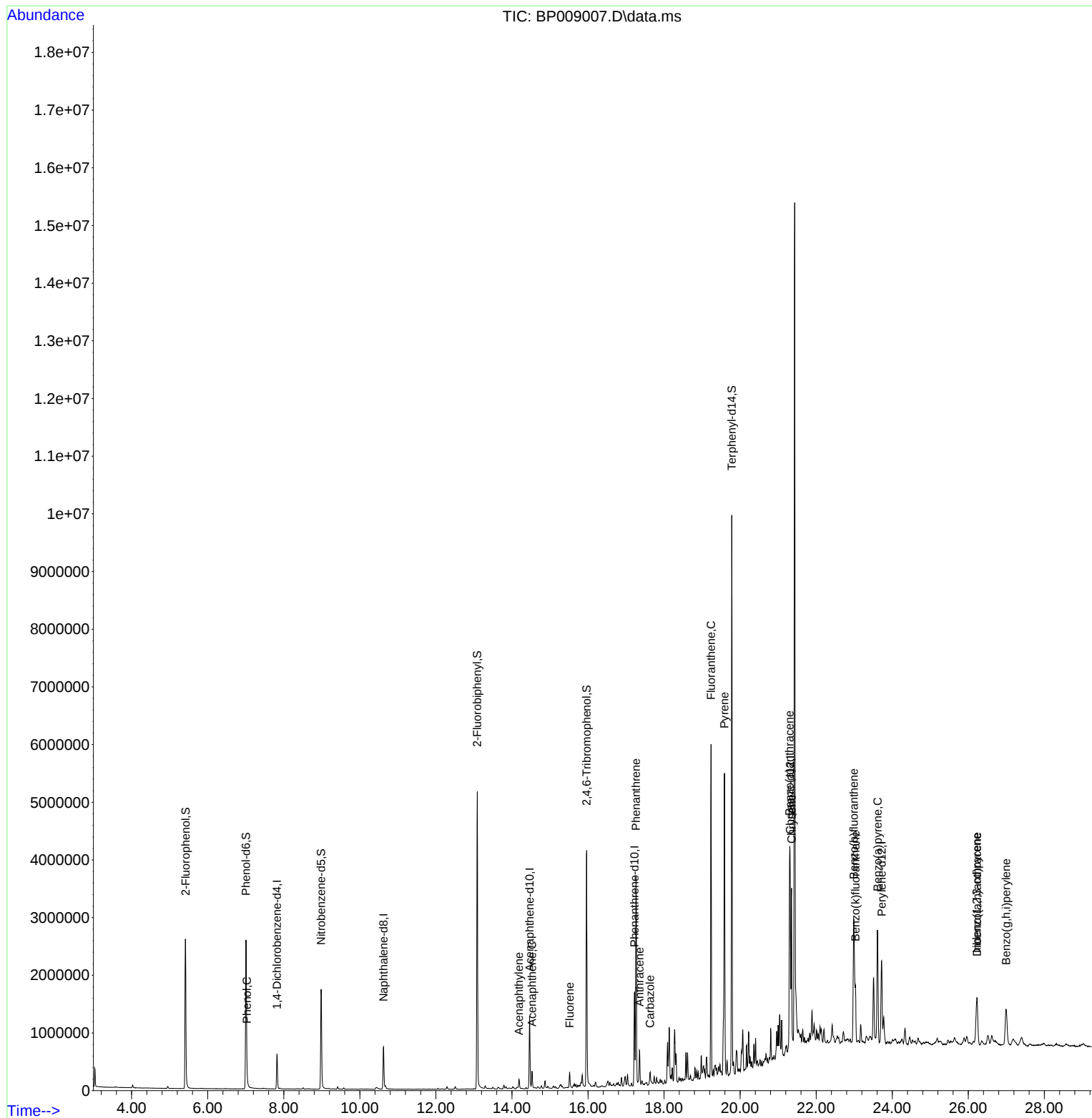
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009007.D
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ALS Vial : 9 Sample Multiplier: 1

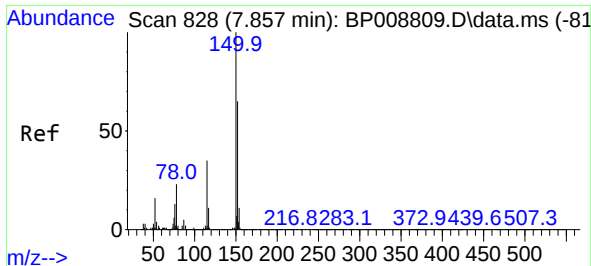
Instrument :
BNA_P
ClientSampleId :
M-PHC

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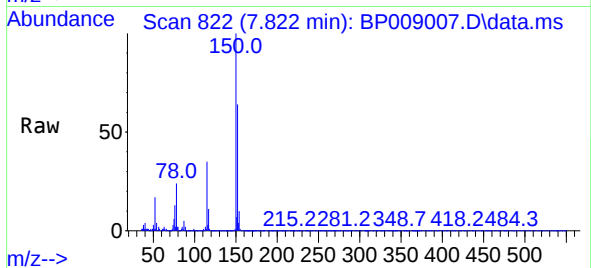
Quant Time: Feb 03 06:24:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

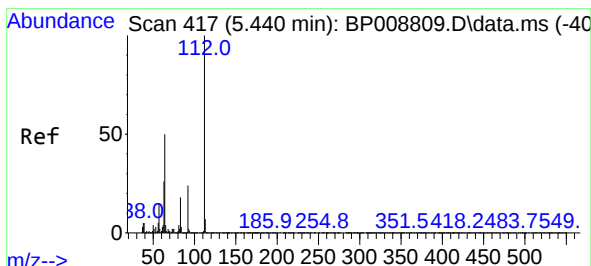
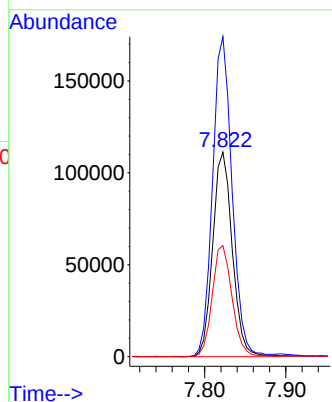
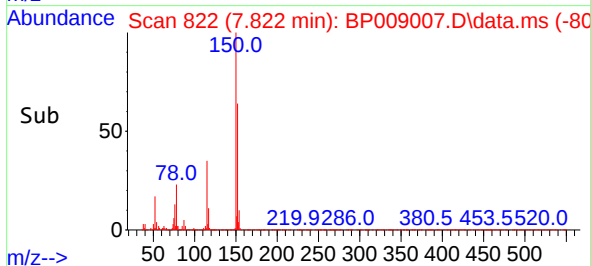
Instrument :
BNA_P
ClientSampleId :
M-PHC



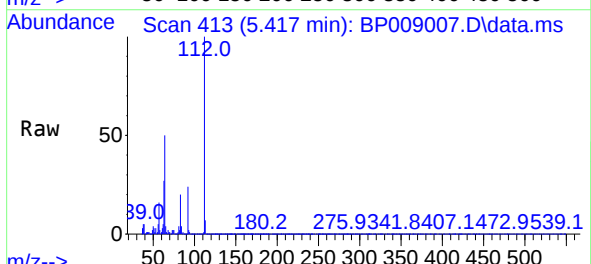
Tgt Ion:152 Resp: 18646
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 54.3 43.7 65.5

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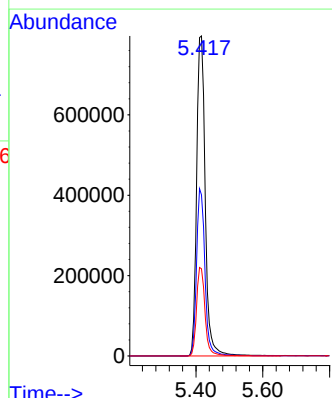
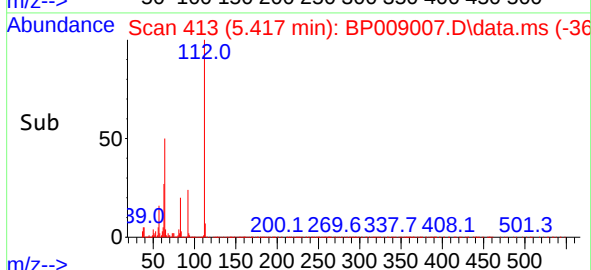
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

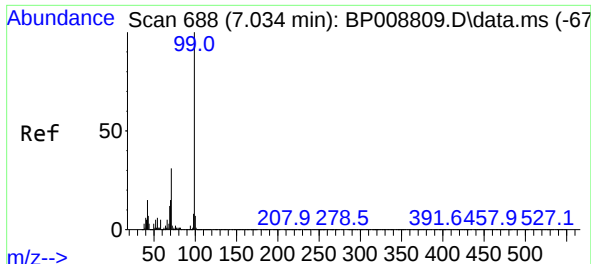


#5
2-Fluorophenol
Concen: 118.717 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31



Tgt Ion:112 Resp: 1431445
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 27.3 20.0 30.0





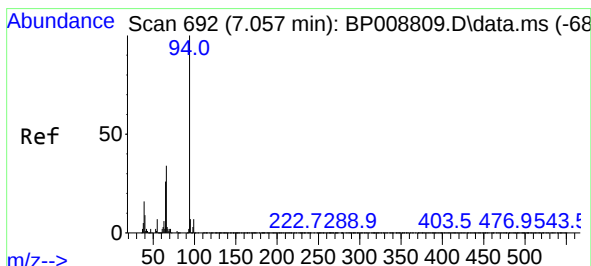
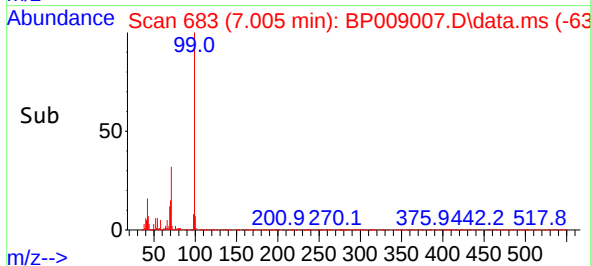
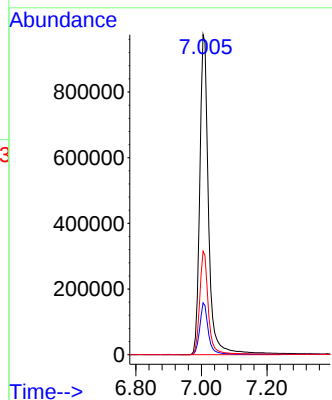
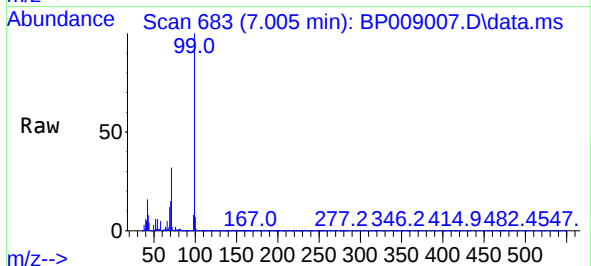
#7
Phenol-d6
Concen: 125.283 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion: 99 Resp: 1829270
Ion Ratio Lower Upper
99 100
42 16.2 10.8 16.2
71 32.3 23.8 35.6

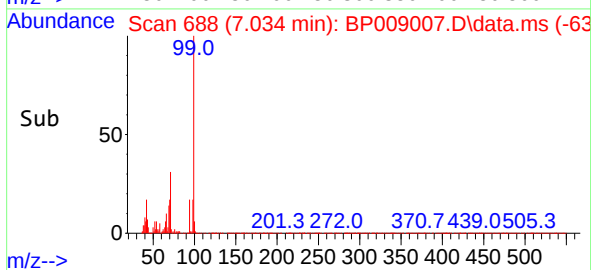
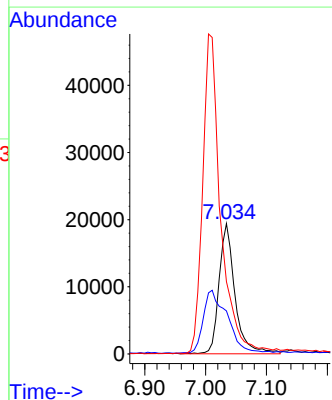
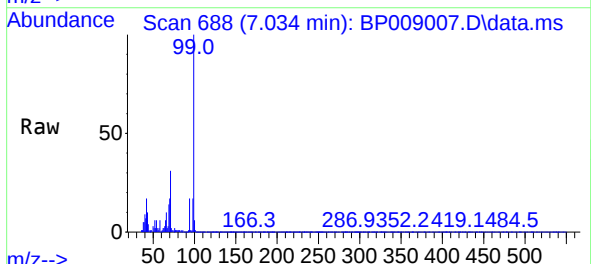
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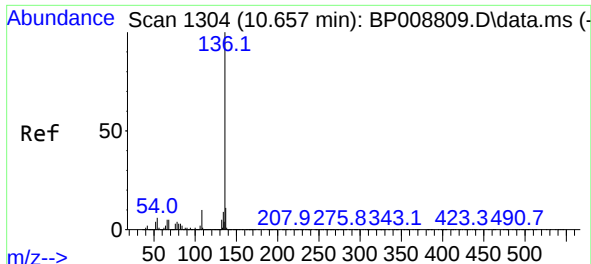
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#10
Phenol
Concen: 2.359 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Tgt Ion: 94 Resp: 35121
Ion Ratio Lower Upper
94 100
65 32.9 4.1 44.1
66 55.5 12.4 52.4





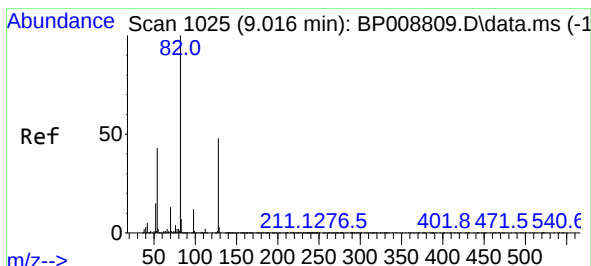
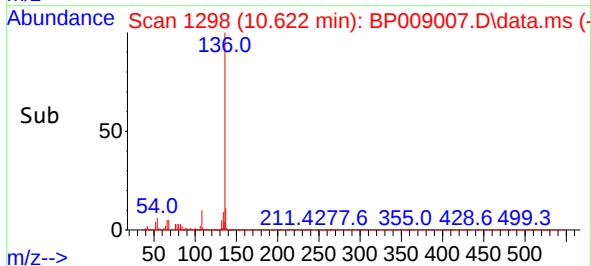
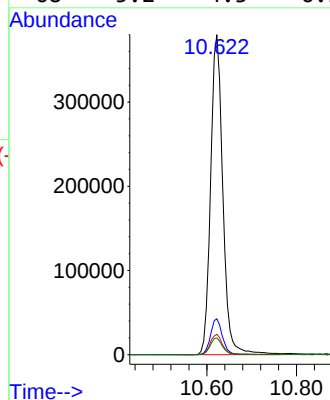
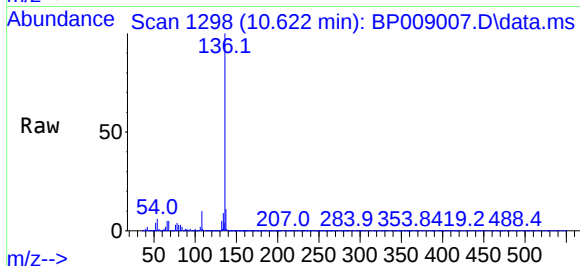
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion:	136	Resp:	71772
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.4	4.9	7.3
68	5.2	4.3	6.5

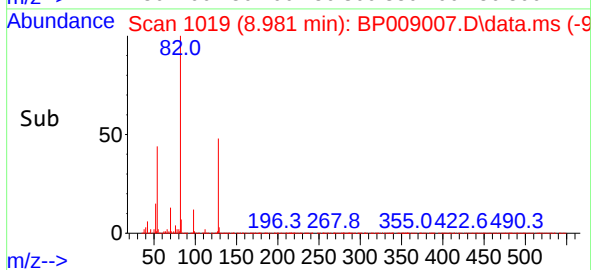
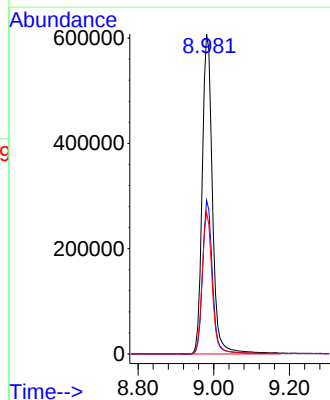
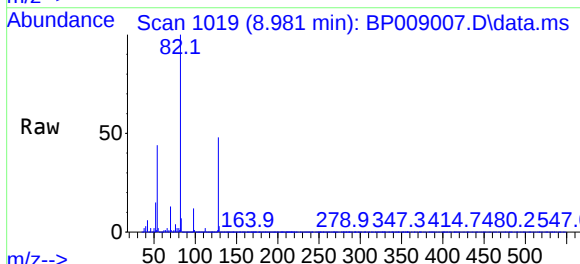
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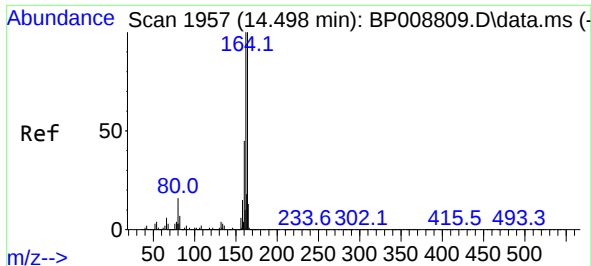
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#23
Nitrobenzene-d5
Concen: 90.290 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

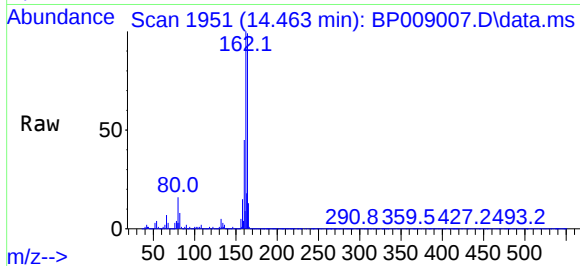
Tgt Ion:	82	Resp:	1141438
Ion Ratio	Lower	Upper	
82	100		
128	48.0	39.4	59.2
54	44.3	32.6	48.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

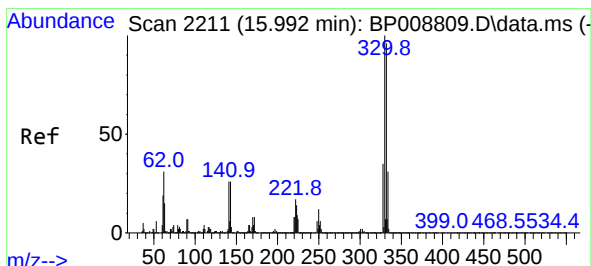
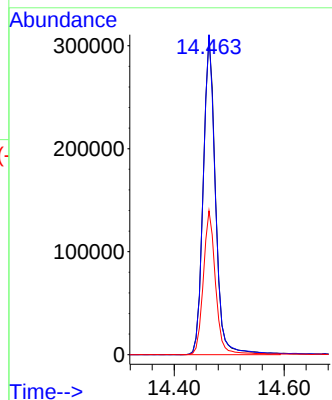
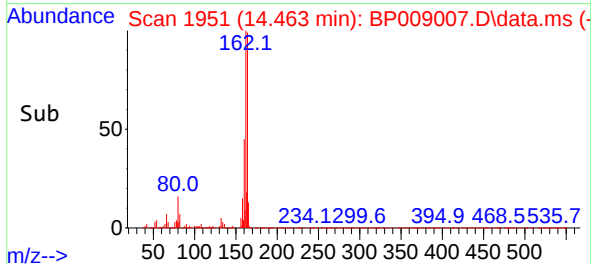
Instrument :
BNA_P
ClientSampleId :
M-PHC



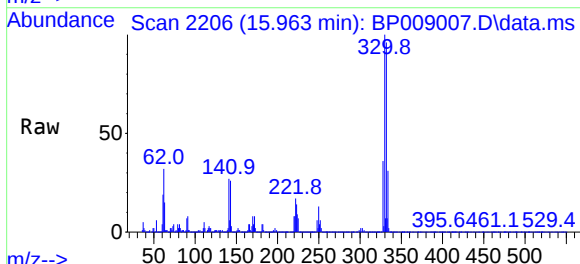
Tgt Ion:164 Resp: 480884
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 45.3 35.5 53.3

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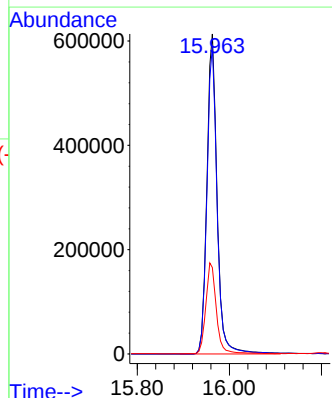
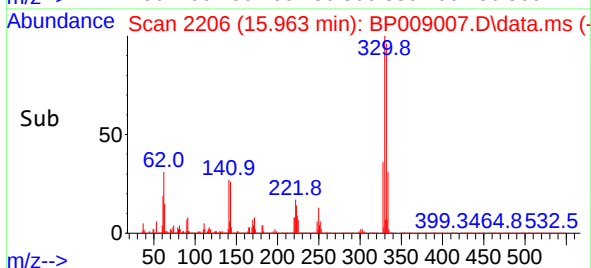
Reviewed By :Christian Giraldo 02/03/2022
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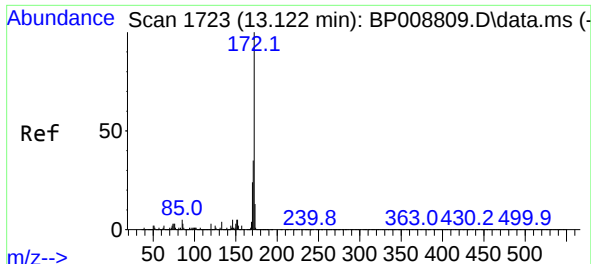


#42
2,4,6-Tribromophenol
Concen: 135.429 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31



Tgt Ion:330 Resp: 947971
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 29.6 21.3 31.9





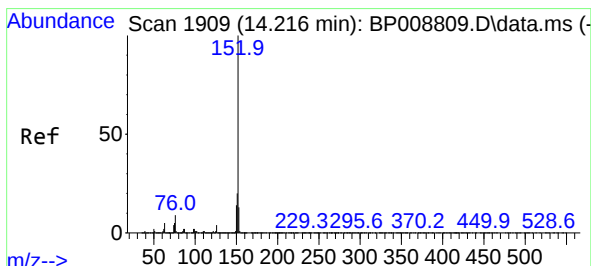
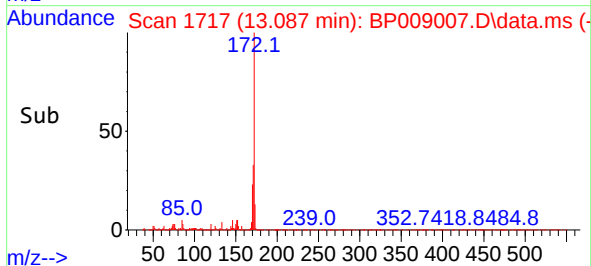
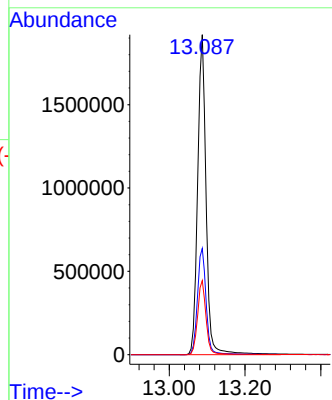
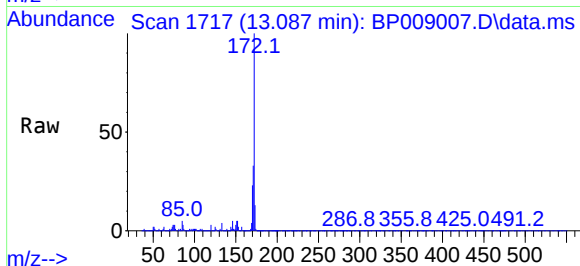
#45
2-Fluorobiphenyl
Concen: 82.339 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion:172 Resp: 3002519
Ion Ratio Lower Upper
172 100
171 33.2 29.3 43.9
170 23.2 19.5 29.3

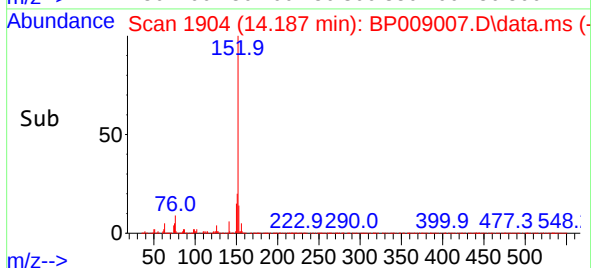
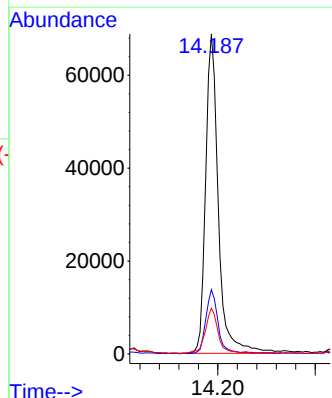
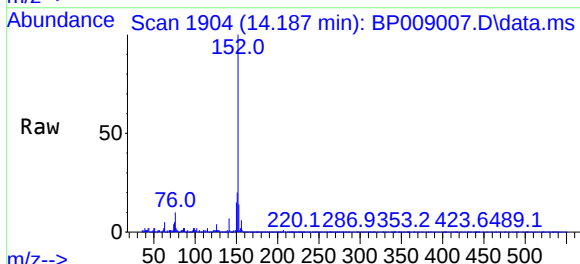
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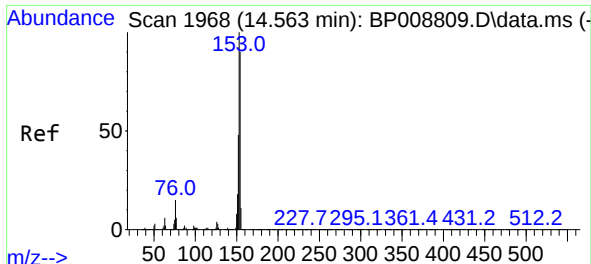
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#49
Acenaphthylene
Concen: 2.727 ng
RT: 14.187 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

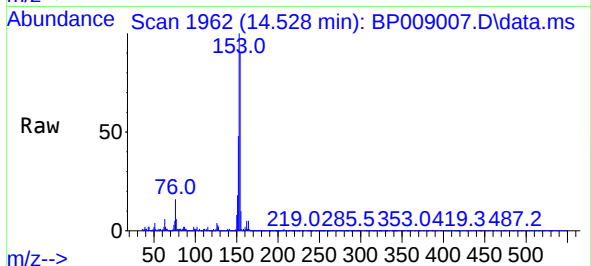
Tgt Ion:152 Resp: 124310
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.3 10.6 16.0





#52
Acenaphthene
Concen: 4.350 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

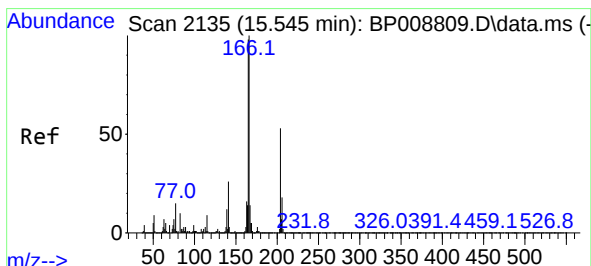
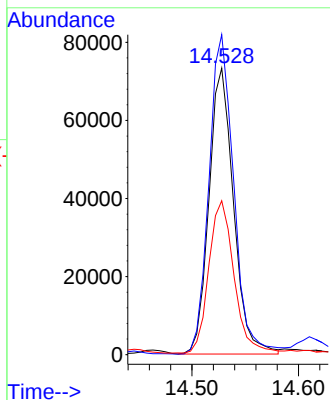
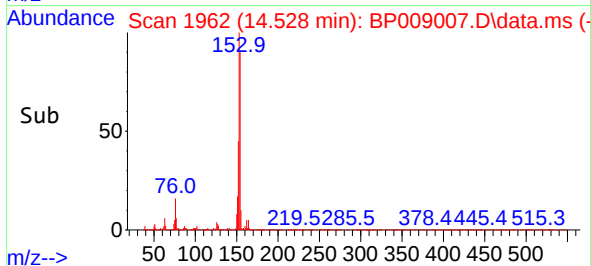
Instrument :
BNA_P
ClientSampleId :
M-PHC



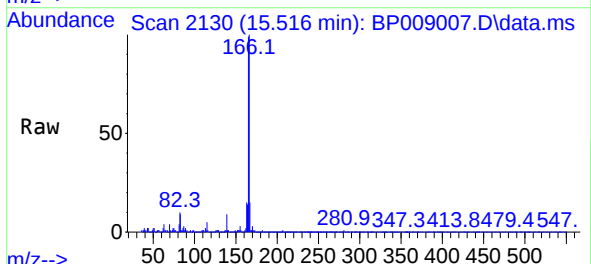
Tgt Ion:154 Resp: 11759
Ion Ratio Lower Upper
154 100
153 111.6 89.4 134.2
152 53.7 42.6 63.8

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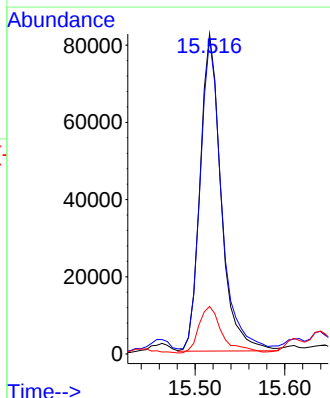
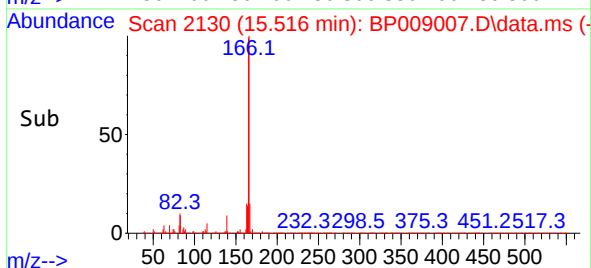
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

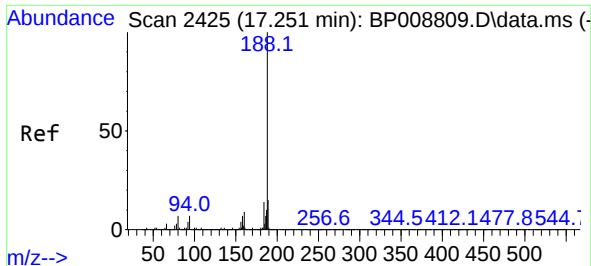


#58
Fluorene
Concen: 3.838 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31



Tgt Ion:166 Resp: 133538
Ion Ratio Lower Upper
166 100
165 98.8 77.2 115.8
167 14.8 11.2 16.8





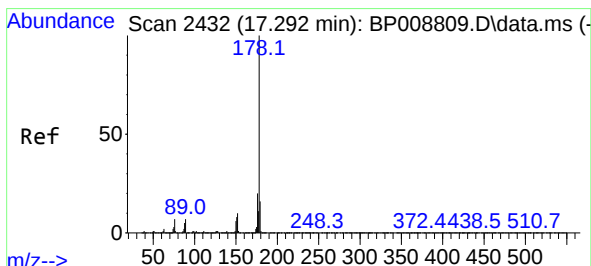
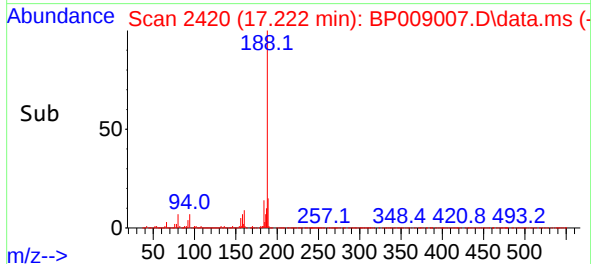
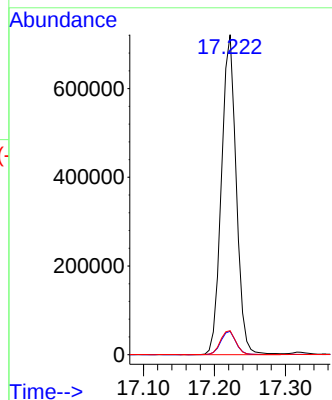
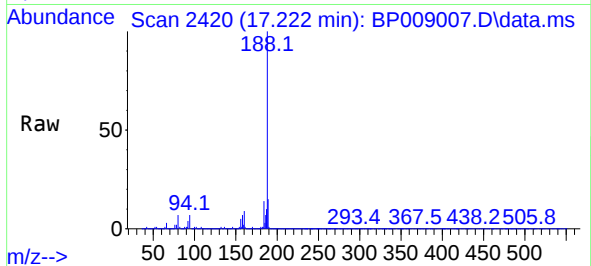
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion:188 Resp: 1040914
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.5 7.2 10.8

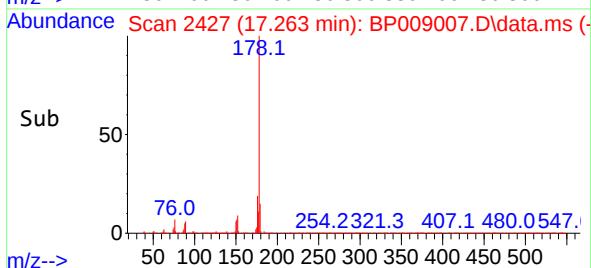
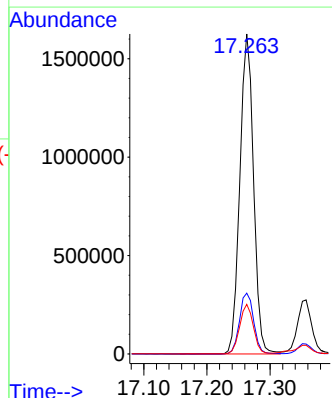
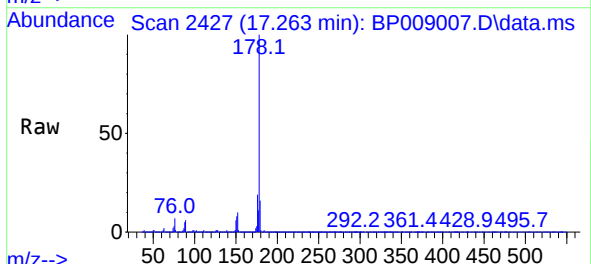
Manual Integrations
APPROVED

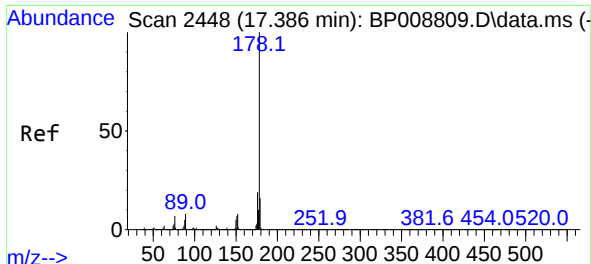
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#71
Phenanthrene
Concen: 41.815 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

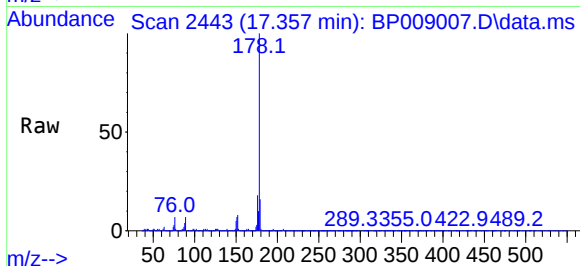
Tgt Ion:178 Resp: 2450666
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.5 13.0 19.4





#72
 Anthracene
 Concen: 7.069 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. 0.000 min
 Lab File: BP009007.D
 Acq: 02 Feb 2022 15:31

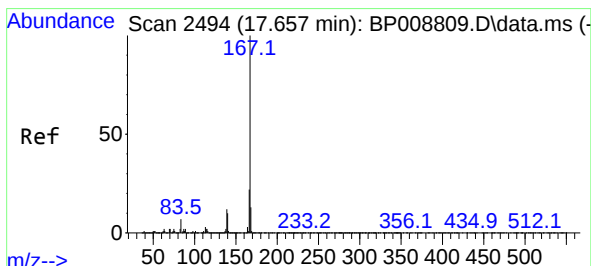
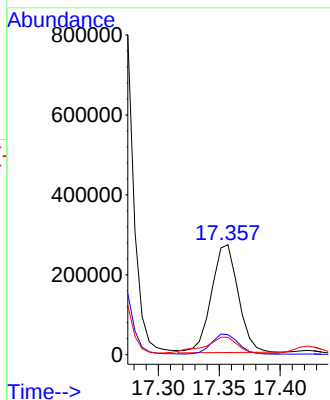
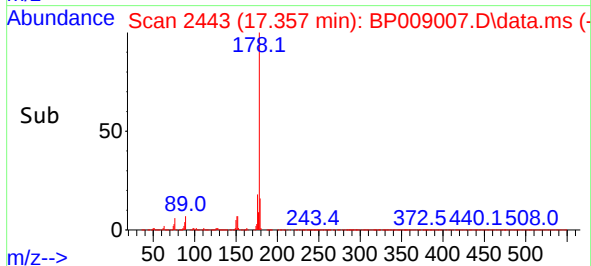
Instrument :
 BNA_P
 ClientSampleId :
 M-PHC



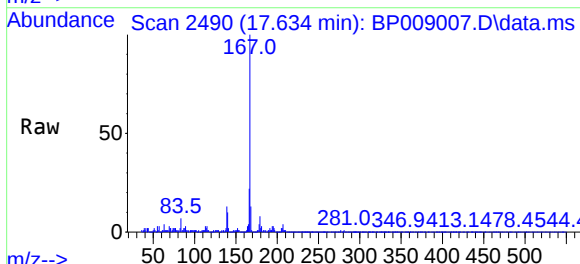
Tgt Ion:178 Resp: 415580
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.1 22.7
 179 15.9 12.8 19.2

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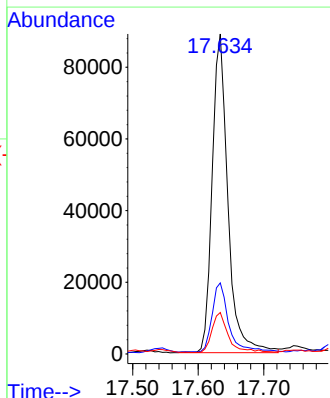
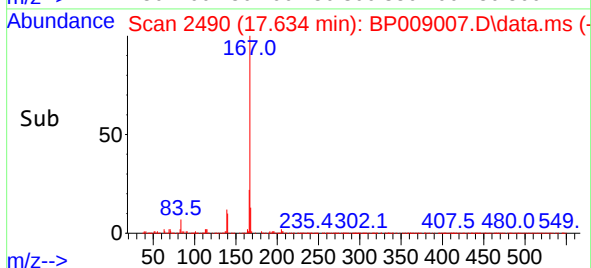
Reviewed By :Christian Giraldo 02/03/2022
 Supervised By :Jagrut Upadhyay 02/04/2022

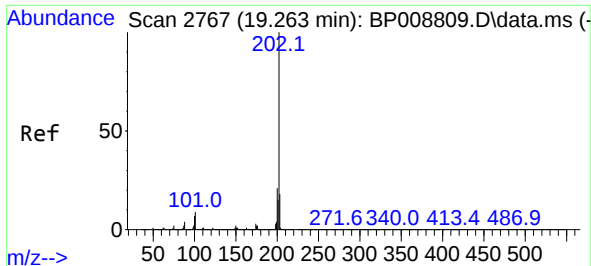


#73
 Carbazole
 Concen: 2.929 ng
 RT: 17.634 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: BP009007.D
 Acq: 02 Feb 2022 15:31



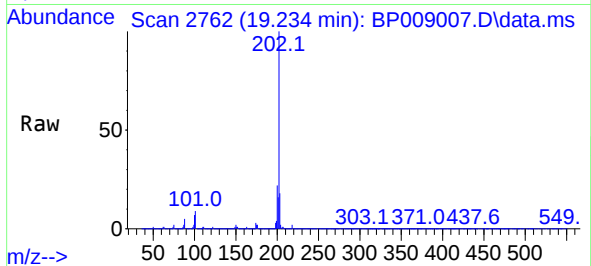
Tgt Ion:167 Resp: 148092
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.0 9.8 14.6





#75
Fluoranthene
Concen: 50.844 ng
RT: 19.234 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

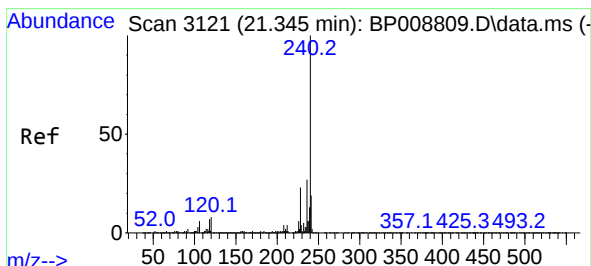
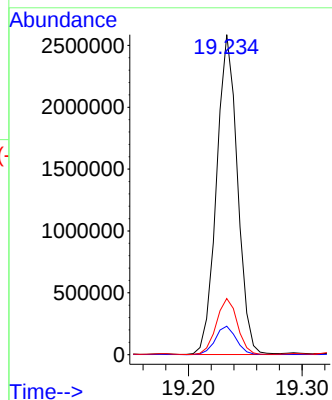
Instrument :
BNA_P
ClientSampleId :
M-PHC



Tgt Ion:202 Resp: 3313728
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.7
203 17.6 0.0 38.9

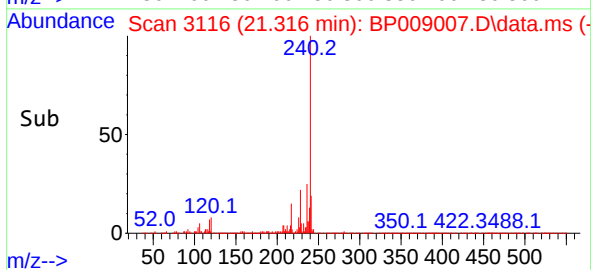
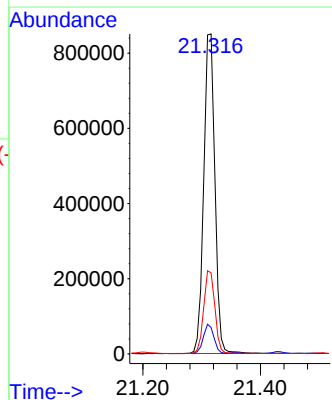
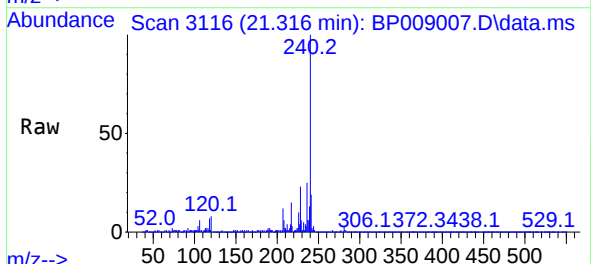
Manual Integrations
APPROVED

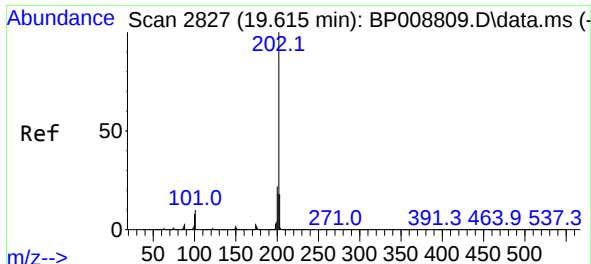
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

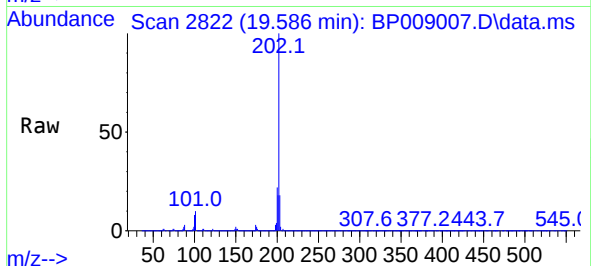
Tgt Ion:240 Resp: 1120995
Ion Ratio Lower Upper
240 100
120 8.3 7.7 11.5
236 25.3 21.2 31.8





#78
Pyrene
Concen: 44.318 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

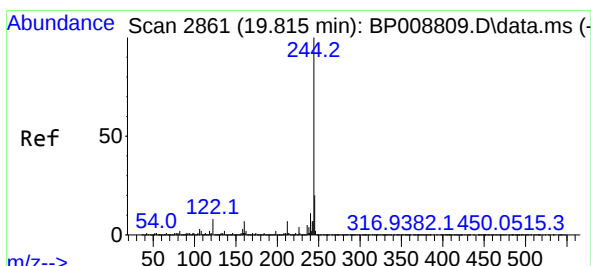
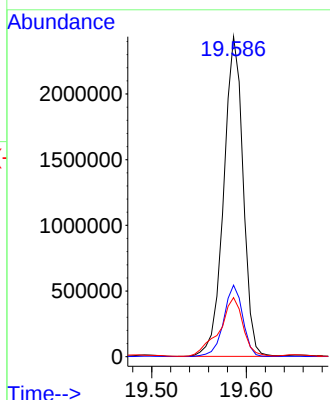
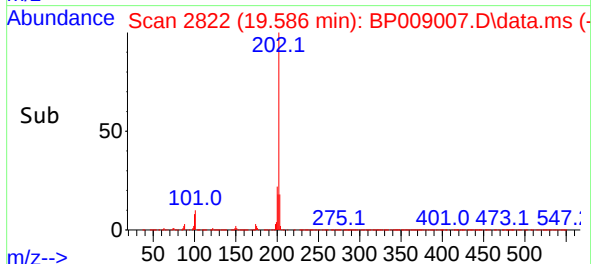
Instrument :
BNA_P
ClientSampleId :
M-PHC



Tgt Ion:202 Resp: 346643
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 18.4 15.0 22.6

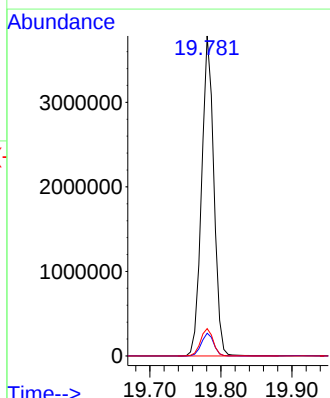
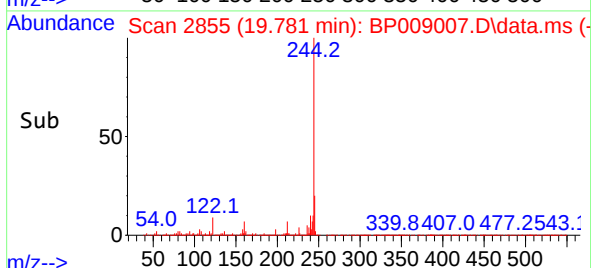
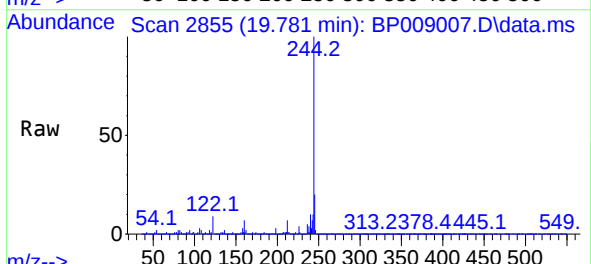
Manual Integrations
APPROVED

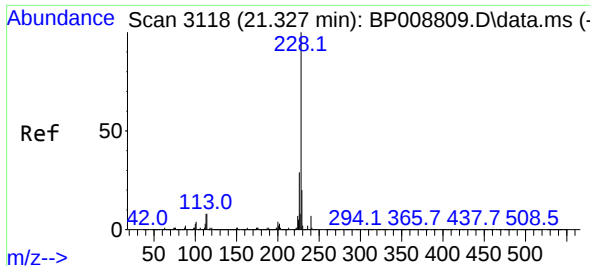
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#79
Terphenyl-d14
Concen: 68.485 ng
RT: 19.781 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

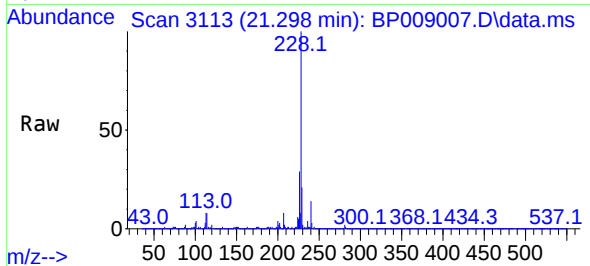
Tgt Ion:244 Resp: 4548239
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.6 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 22.602 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

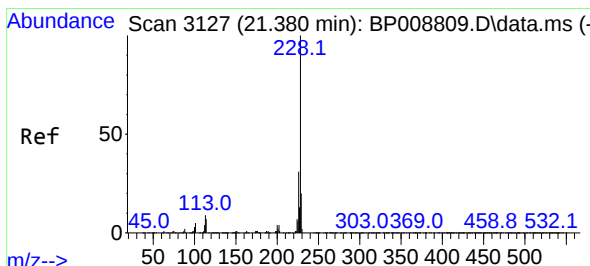
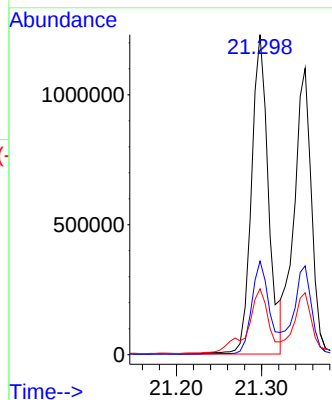
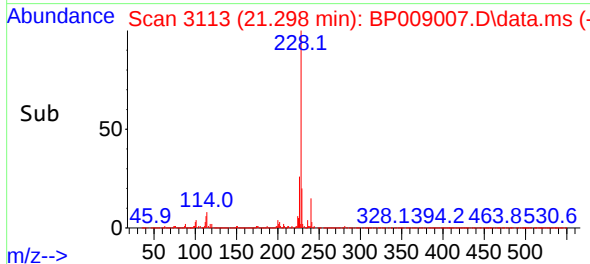
Instrument :
BNA_P
ClientSampleId :
M-PHC



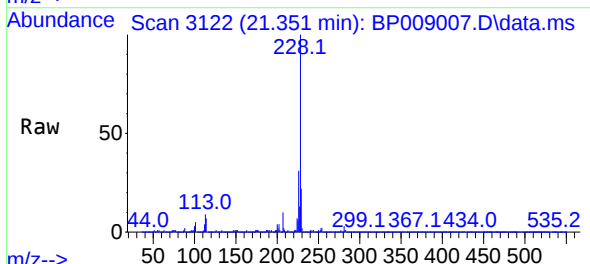
Tgt Ion:228 Resp: 170454
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 20.6 17.0 25.6

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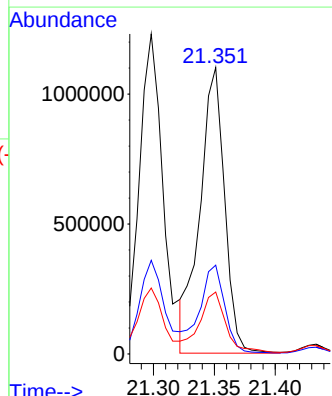
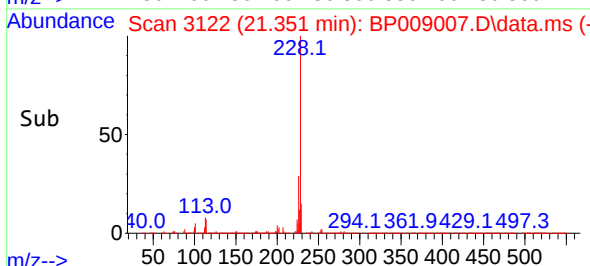
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

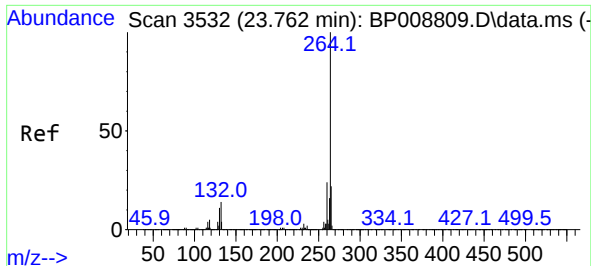


#83
Chrysene
Concen: 21.251 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31



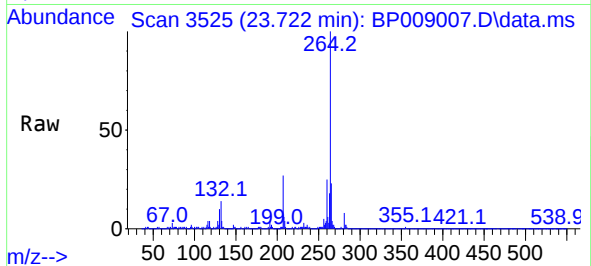
Tgt Ion:228 Resp: 1553625
Ion Ratio Lower Upper
228 100
226 31.0 26.0 39.0
229 21.6 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.722 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

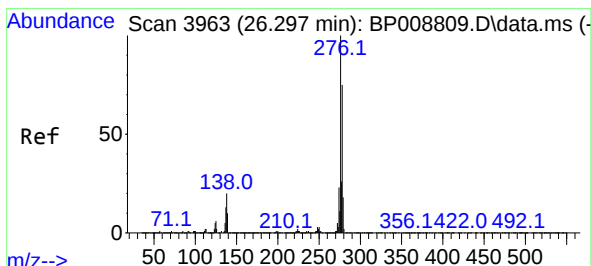
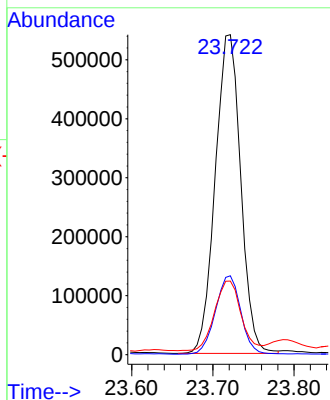
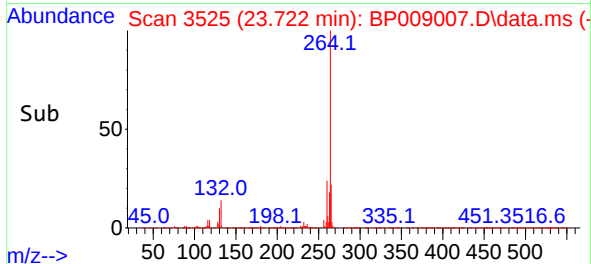
Instrument :
BNA_P
ClientSampleId :
M-PHC



Tgt Ion:264 Resp: 1179810
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 23.0 17.1 25.7

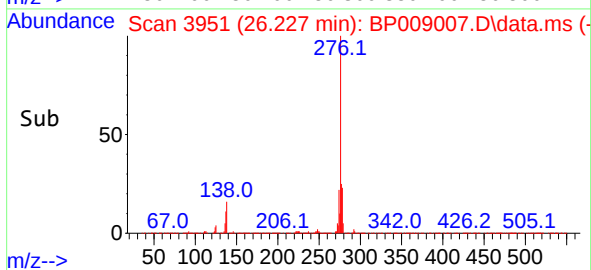
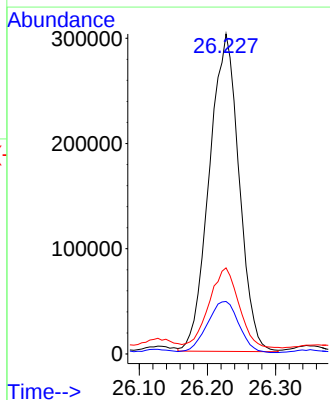
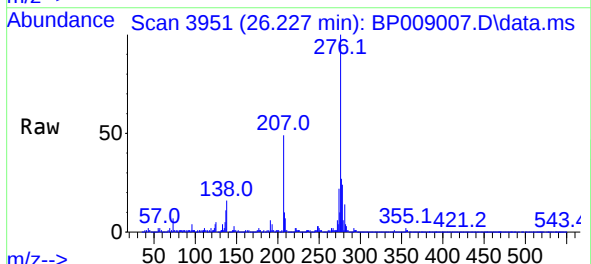
Manual Integrations
APPROVED

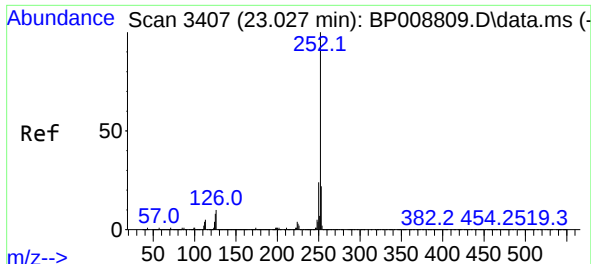
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.428 ng
RT: 26.227 min Scan# 3951
Delta R.T. -0.017 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Tgt Ion:276 Resp: 916624
Ion Ratio Lower Upper
276 100
138 17.2 17.8 26.6#
277 25.2 20.4 30.6





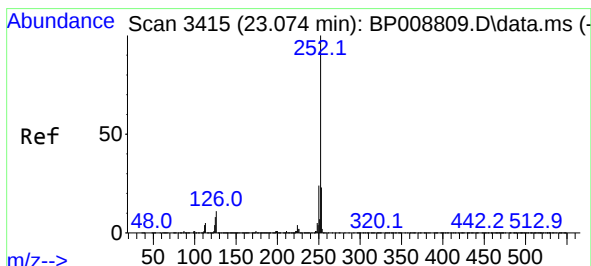
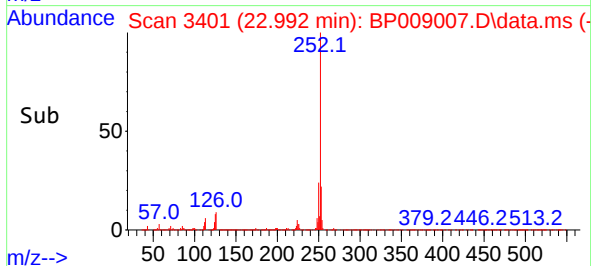
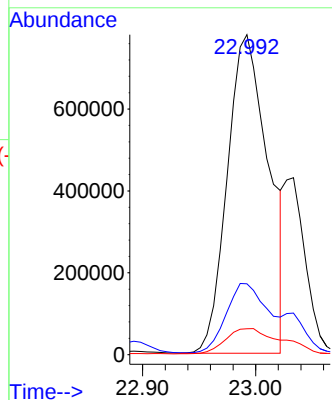
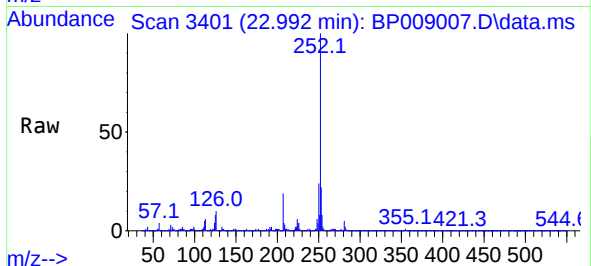
#88
Benzo(b)fluoranthene
Concen: 24.940 ng m
RT: 22.992 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion:252 Resp: 196504
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.1 6.9 10.3

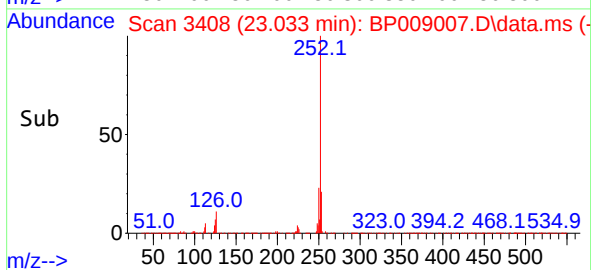
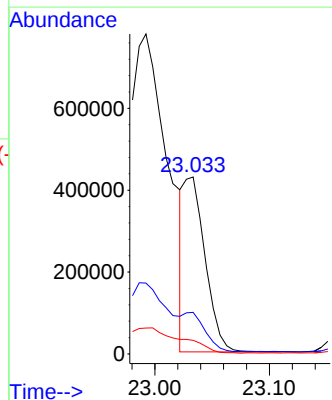
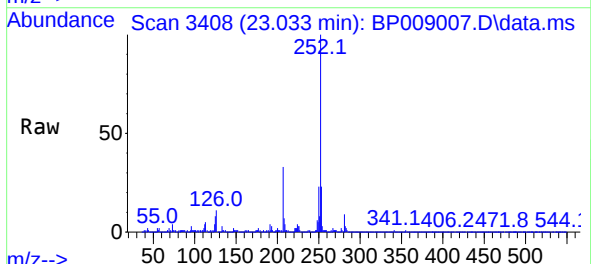
Manual Integrations
APPROVED

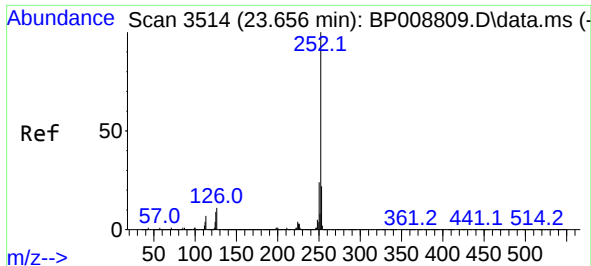
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#89
Benzo(k)fluoranthene
Concen: 7.202 ng m
RT: 23.033 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Tgt Ion:252 Resp: 549296
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 7.7 7.3 10.9





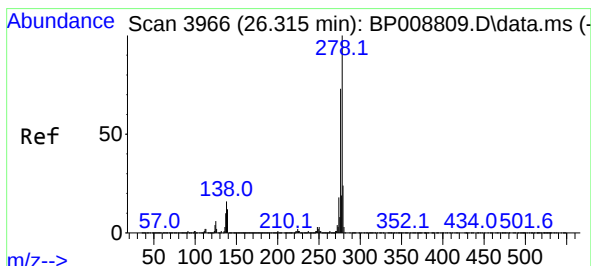
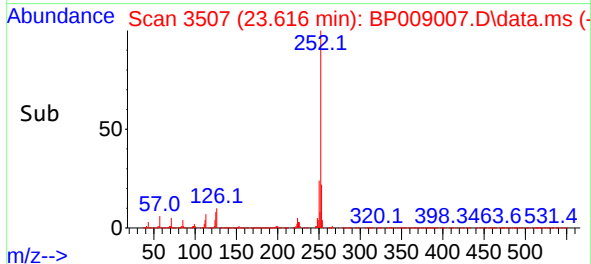
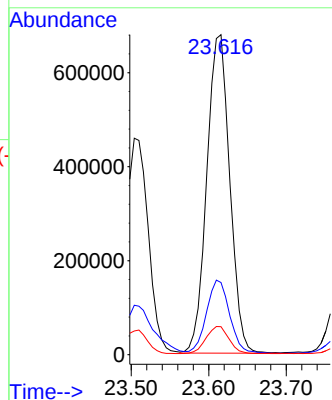
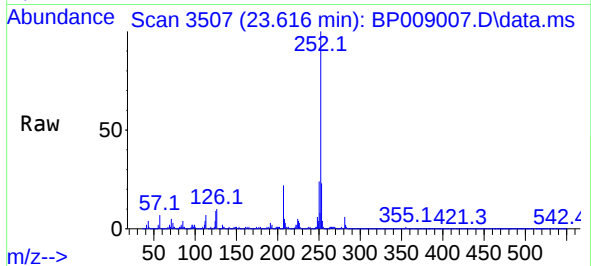
#90
Benzo(a)pyrene
Concen: 18.360 ng
RT: 23.616 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC

Tgt Ion:252 Resp: 1396294
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.7 7.8 11.6

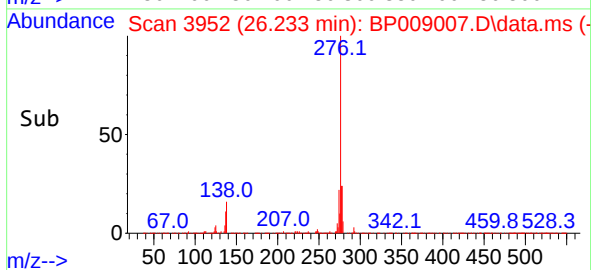
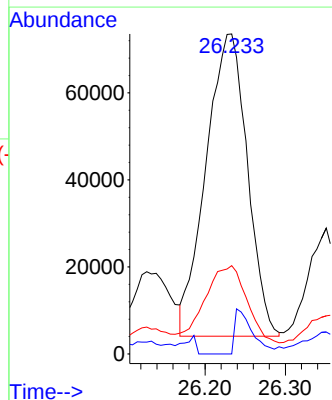
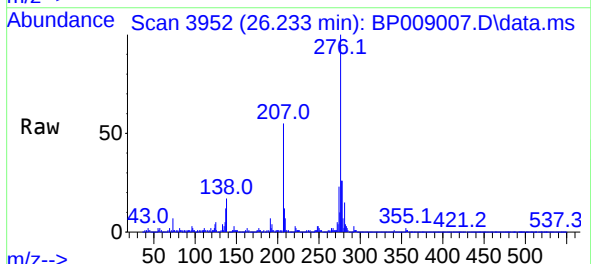
Manual Integrations
APPROVED

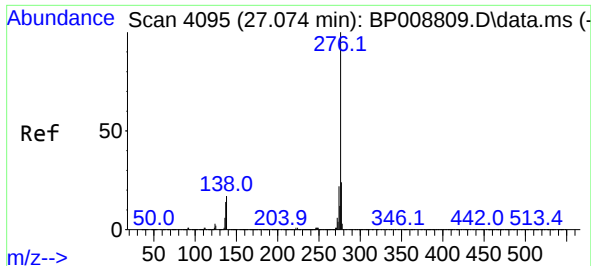
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.005 ng m
RT: 26.233 min Scan# 3952
Delta R.T. -0.023 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

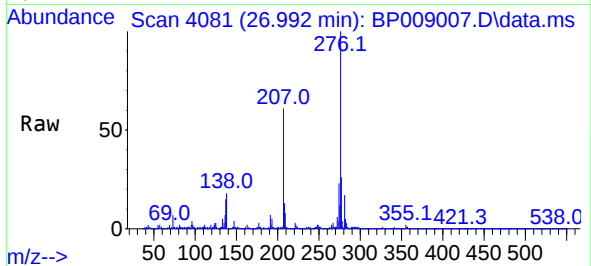
Tgt Ion:278 Resp: 248447
Ion Ratio Lower Upper
278 100
139 0.0 11.5 17.3#
279 27.6 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 11.361 ng
RT: 26.992 min Scan# 4095
Delta R.T. -0.023 min
Lab File: BP009007.D
Acq: 02 Feb 2022 15:31

Instrument :
BNA_P
ClientSampleId :
M-PHC



Tgt Ion:276 Resp: 916948
Ion Ratio Lower Upper
276 100
277 26.0 19.2 28.8
138 18.5 15.0 22.4

Manual Integrations
APPROVED

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

