

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
 Data File : BP008698.D
 Acq On : 05 Jan 2022 19:42
 Operator : CG/JU
 Sample : M5342-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Jan 06 03:04:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/06/2022
 Supervised By : Jagrut Upadhyay 01/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	662883	20.000	ng	-0.02
21) Naphthalene-d8	10.687	136	2294726	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1301842	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	2668923	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2810773	20.000	ng	-0.01
86) Perylene-d12	23.774	264	3110638	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	611487	16.837	ng	0.00
7) Phenol-d6	7.052	99	663597	13.128	ng	0.00
23) Nitrobenzene-d5	9.040	82	409409	10.614	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	266559	15.134	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	1017428	11.323	ng	-0.02
79) Terphenyl-d14	19.822	244	1477873	10.735	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.581	154	156756	2.067	ng	98
55) Dibenzofuran	14.916	168	260886	2.146	ng	97
58) Fluorene	15.563	166	210556	2.222	ng	99
71) Phenanthrene	17.310	178	3102271	21.560	ng	99
72) Anthracene	17.398	178	847029	6.041	ng	99
73) Carbazole	17.669	167	365633	2.657	ng	99
75) Fluoranthene	19.274	202	3705568	22.389	ng	97
78) Pyrene	19.627	202	3107264	16.993	ng	98
81) Benzo(a)anthracene	21.339	228	2017582	11.065	ng	100
83) Chrysene	21.386	228	1690459m	9.914	ng	
87) Indeno(1,2,3-cd)pyrene	26.298	276	857386	4.103	ng	97
88) Benzo(b)fluoranthene	23.039	252	2031539m	10.155	ng	
89) Benzo(k)fluoranthene	23.080	252	786267m	3.954	ng	
90) Benzo(a)pyrene	23.668	252	1541516	9.559	ng	97
92) Benzo(g,h,i)perylene	27.068	276	754256	4.576	ng	# 93

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

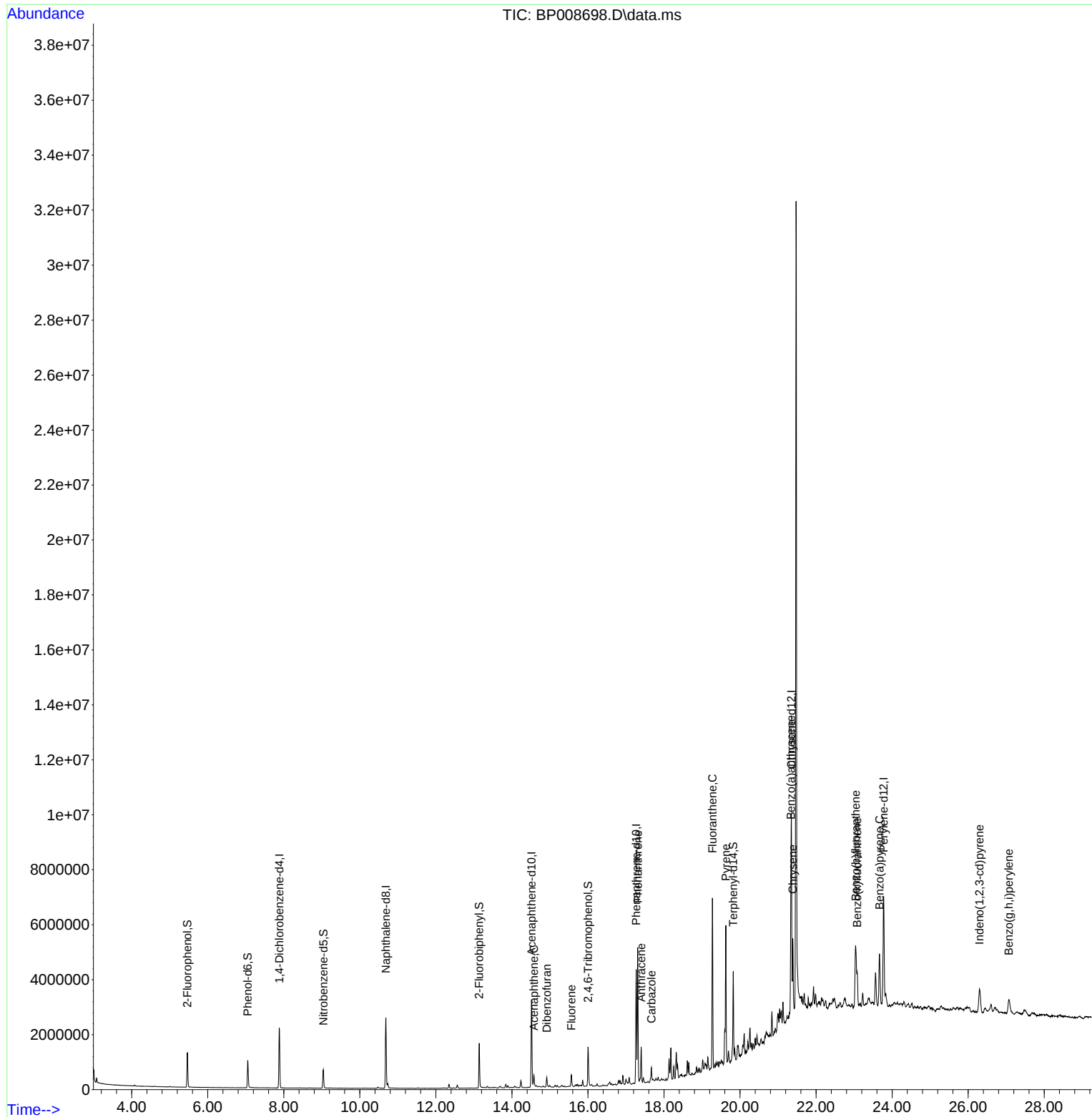
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008698.D
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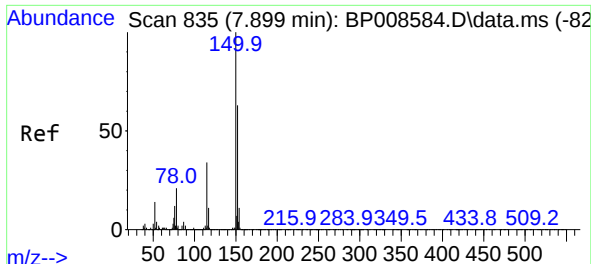
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Quant Time: Jan 06 03:04:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
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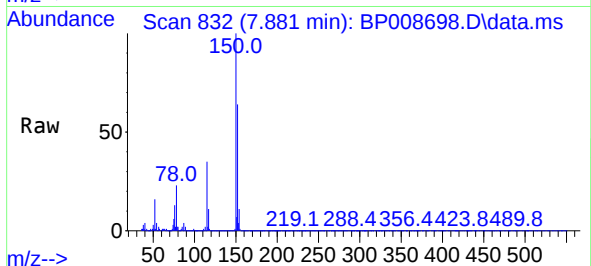
Reviewed By : Christian Giraldo 01/06/2022
Supervised By : Jagrut Upadhyay 01/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

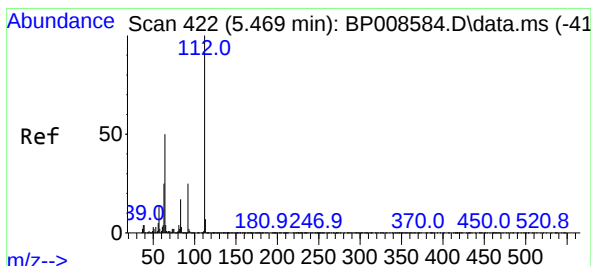
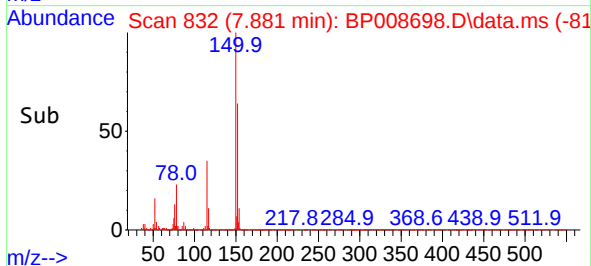
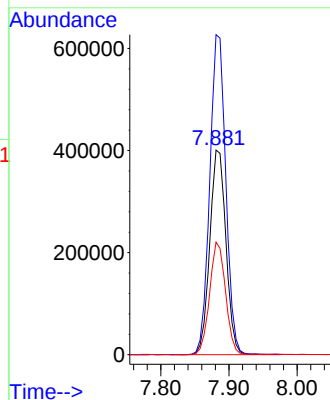
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



Tgt Ion:152 Resp: 66288
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 55.0 43.7 65.5

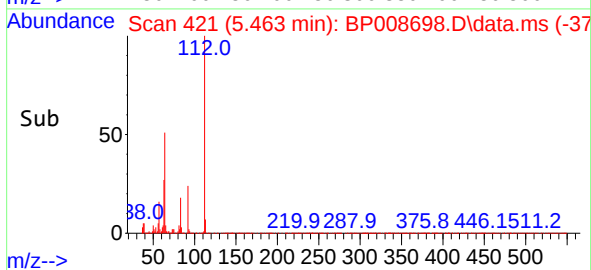
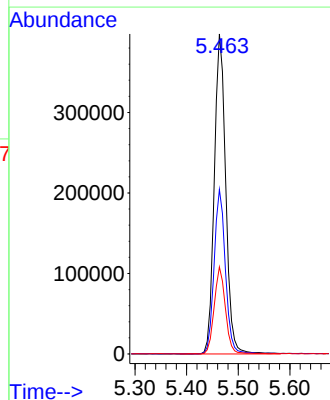
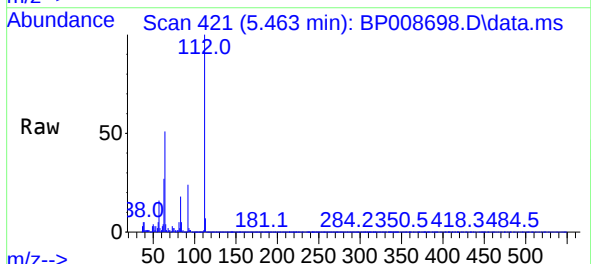
Manual Integrations
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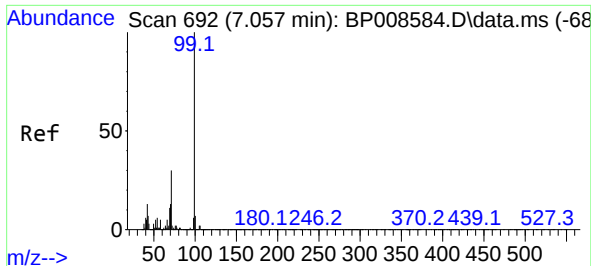
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#5
2-Fluorophenol
Concen: 16.837 ng
RT: 5.463 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

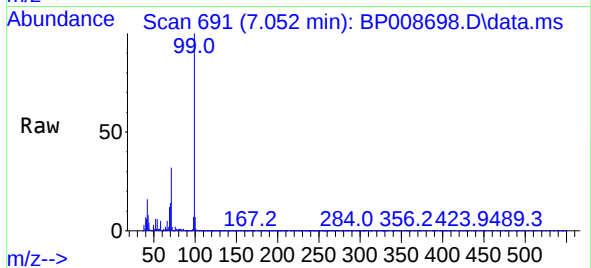
Tgt Ion:112 Resp: 611487
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 27.2 20.0 30.0





#7
Phenol-d6
Concen: 13.128 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

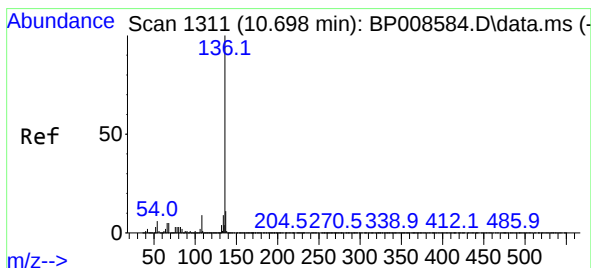
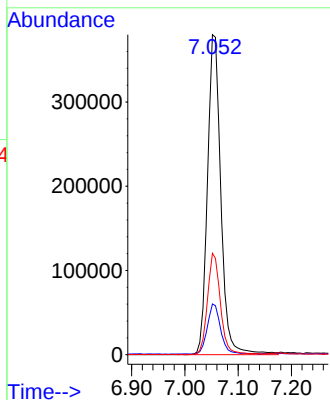
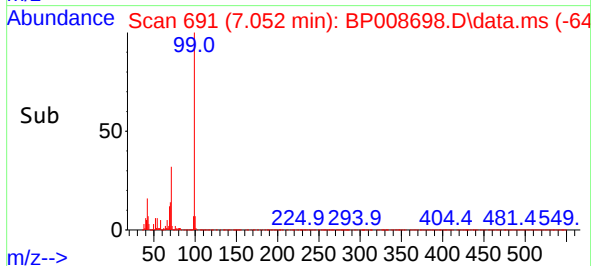
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



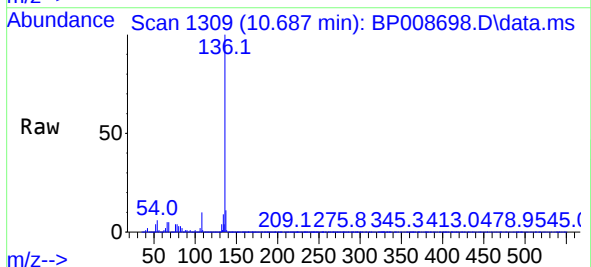
Tgt Ion: 99 Resp: 66359
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 31.7 23.8 35.6

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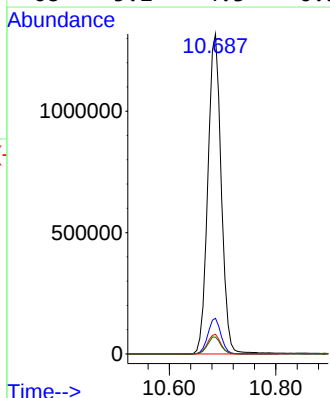
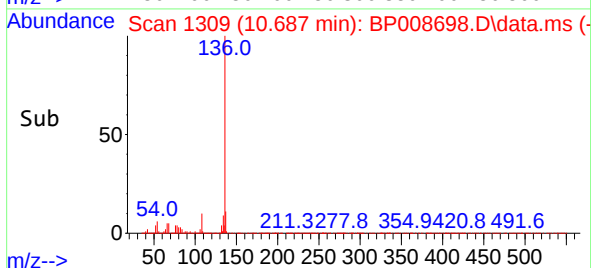
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

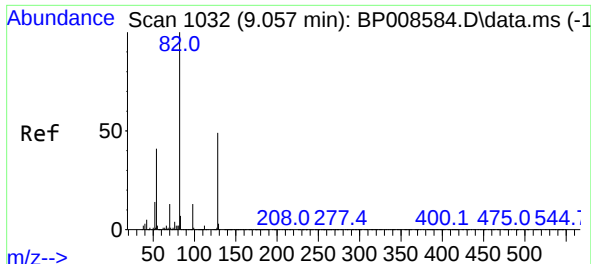


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



Tgt Ion:136 Resp: 2294726
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.2 4.9 7.3
68 5.2 4.3 6.5





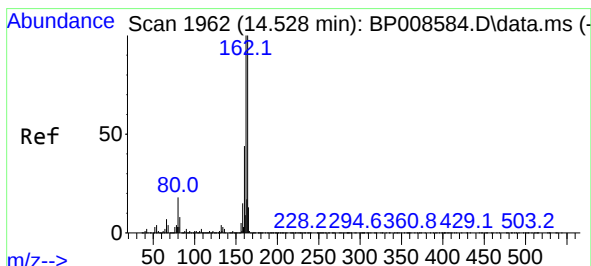
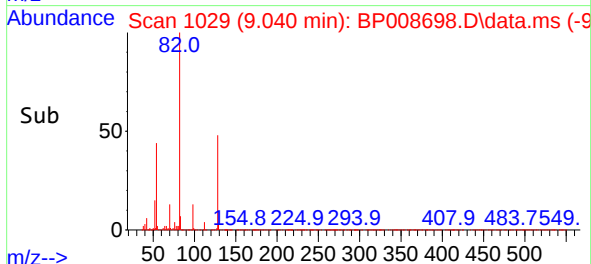
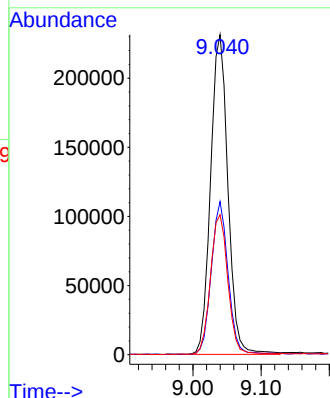
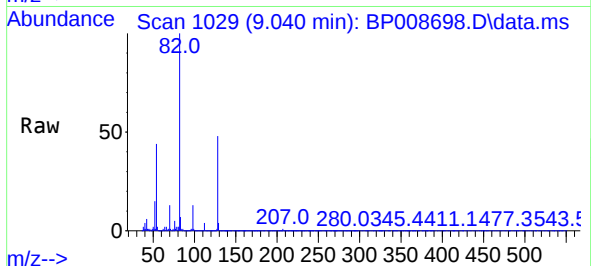
#23
Nitrobenzene-d5
Concen: 10.614 ng
RT: 9.040 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

Tgt Ion: 82 Resp: 409409
Ion Ratio Lower Upper
82 100
128 47.9 39.4 59.2
54 43.8 32.6 48.8

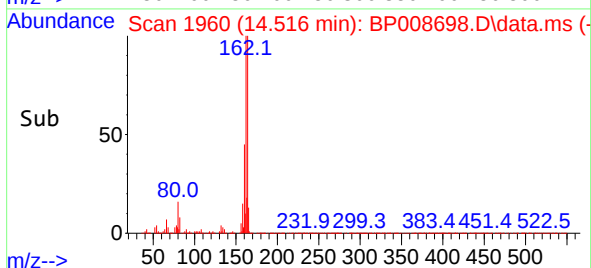
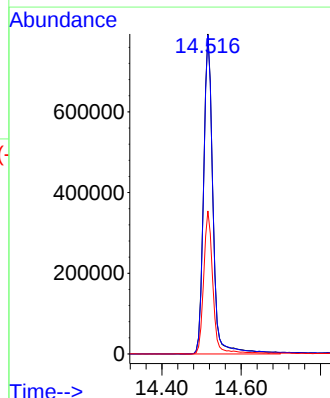
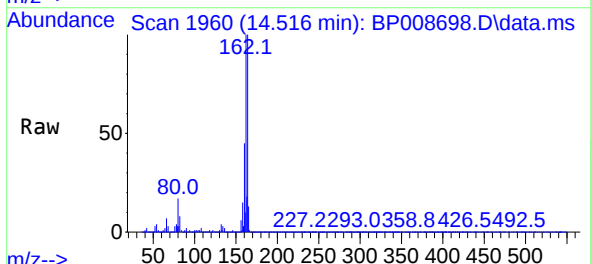
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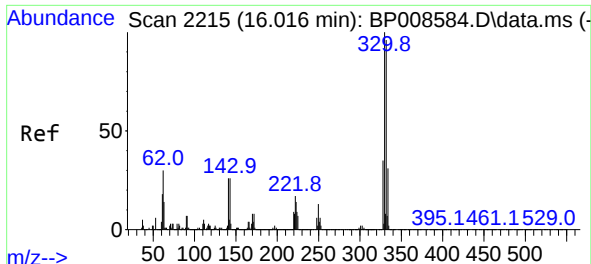
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

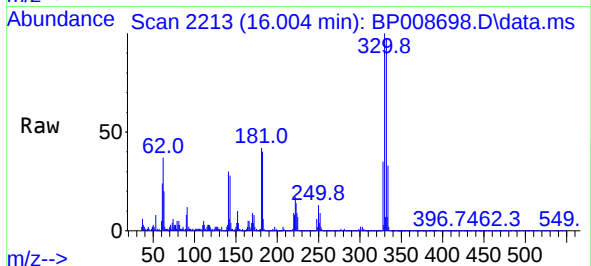
Tgt Ion:164 Resp: 1301842
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.7 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 15.134 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

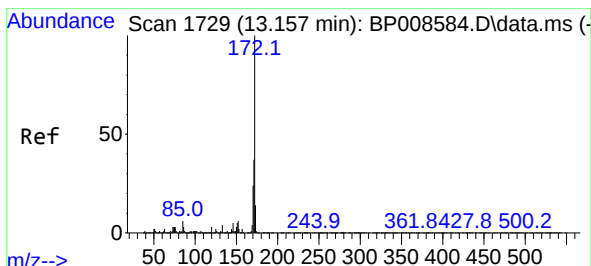
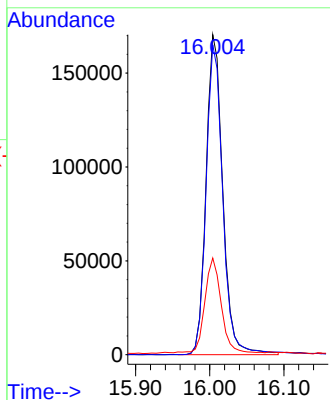
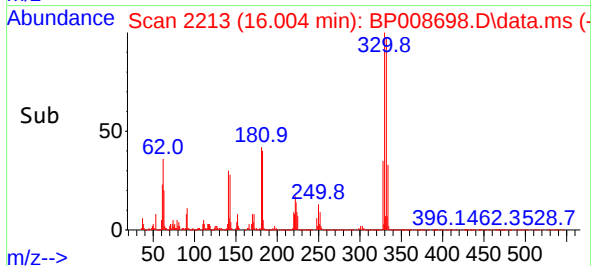
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



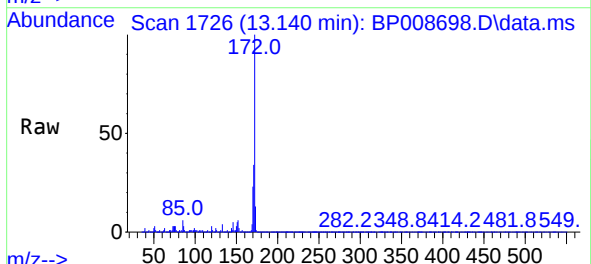
Tgt Ion: 330 Resp: 266559
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 29.1 21.3 31.9

Manual Integrations
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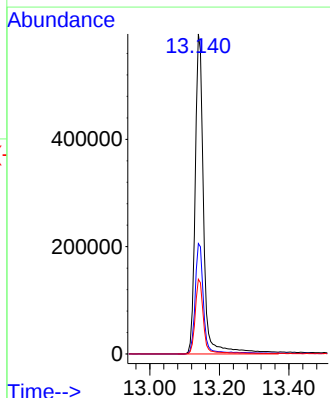
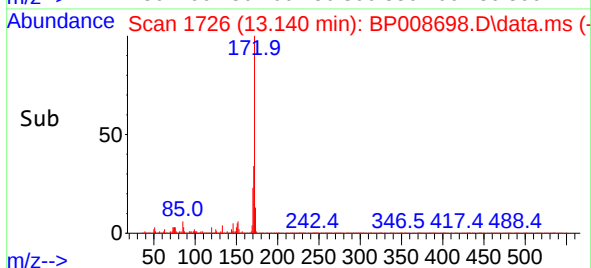
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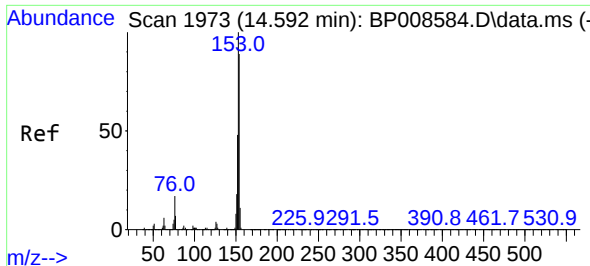


#45
2-Fluorobiphenyl
Concen: 11.323 ng
RT: 13.140 min Scan# 1726
Delta R.T. -0.018 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



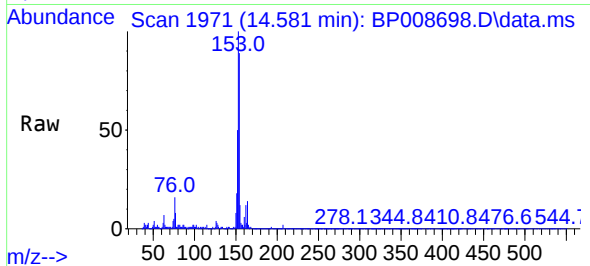
Tgt Ion: 172 Resp: 1017428
Ion Ratio Lower Upper
172 100
171 34.5 29.3 43.9
170 23.3 19.5 29.3





#52
Acenaphthene
Concen: 2.067 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

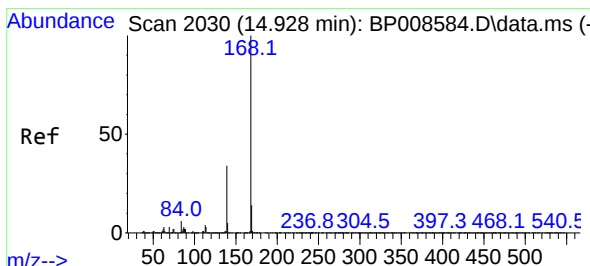
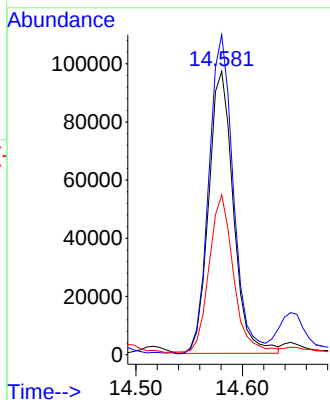
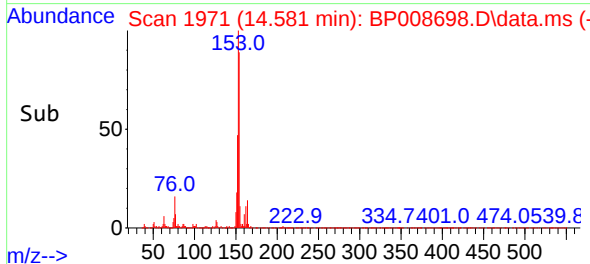
Instrument :
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SB-3-(0-2)



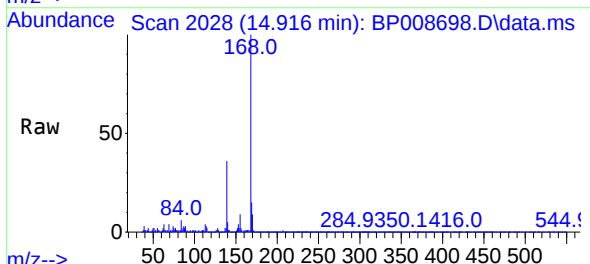
Tgt Ion:154 Resp: 156750
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.2
152 56.4 42.6 63.8

Manual Integrations
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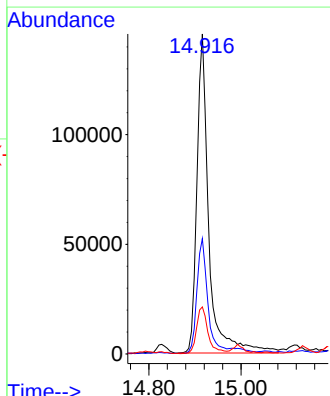
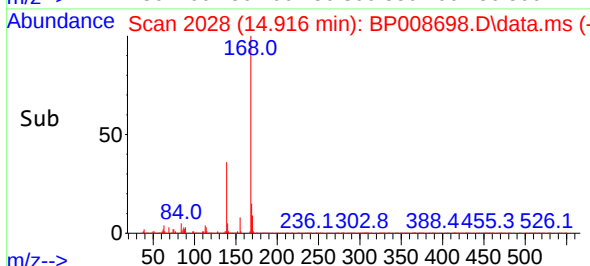
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

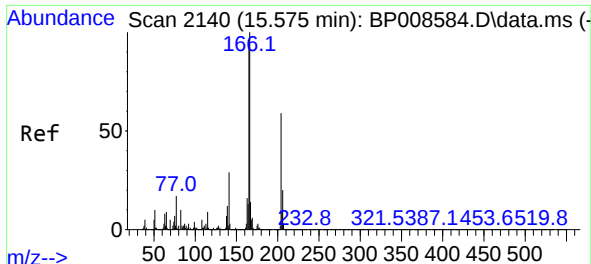


#55
Dibenzofuran
Concen: 2.146 ng
RT: 14.916 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



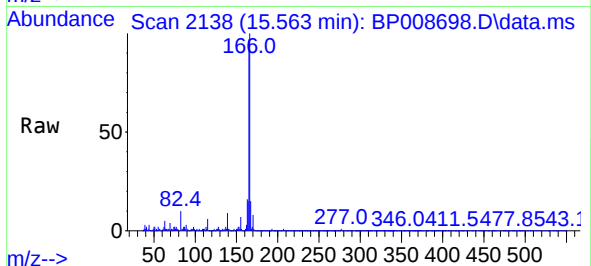
Tgt Ion:168 Resp: 260886
Ion Ratio Lower Upper
168 100
139 36.0 27.4 41.0
169 14.7 10.9 16.3





#58
Fluorene
Concen: 2.222 ng
RT: 15.563 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

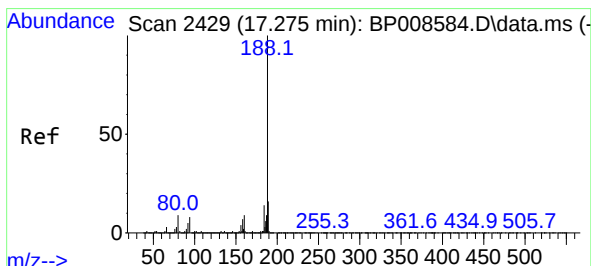
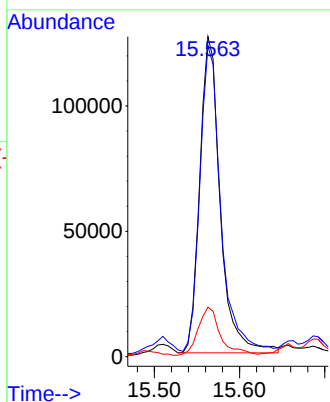
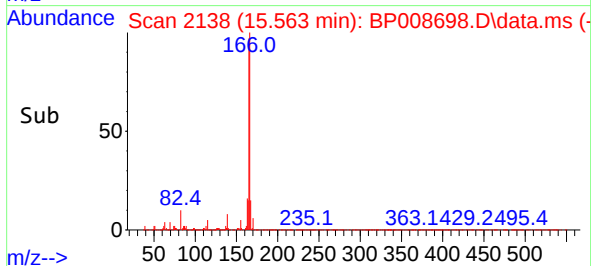
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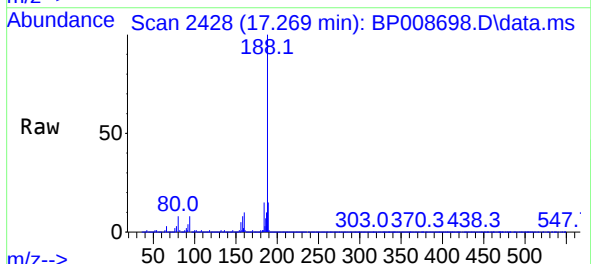
Tgt Ion:166 Resp: 210550
Ion Ratio Lower Upper
166 100
165 97.1 77.2 115.8
167 15.5 11.2 16.8

Manual Integrations
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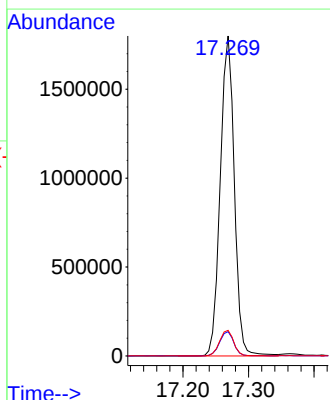
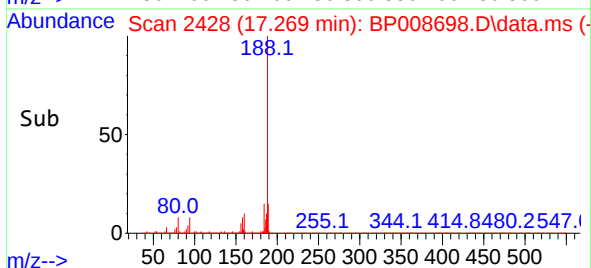
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

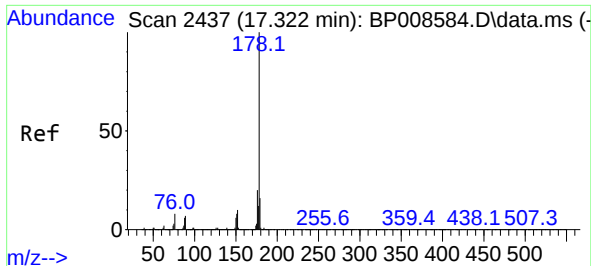


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



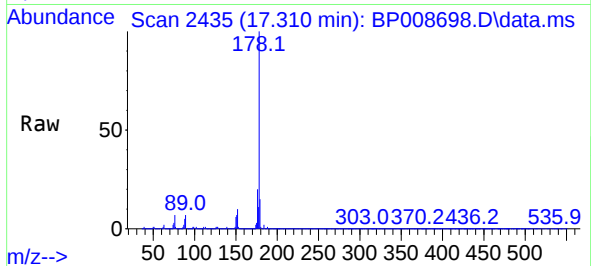
Tgt Ion:188 Resp: 2668923
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.0 7.2 10.8





#71
Phenanthrene
Concen: 21.560 ng
RT: 17.310 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

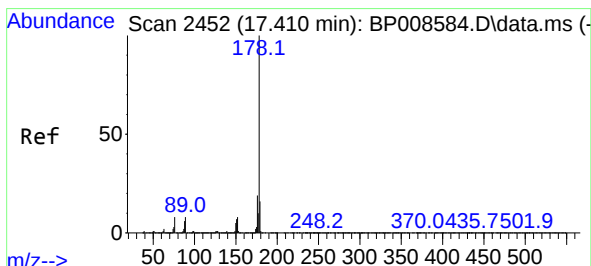
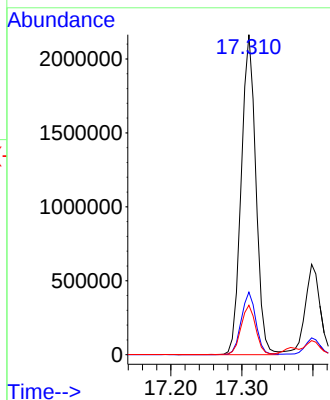
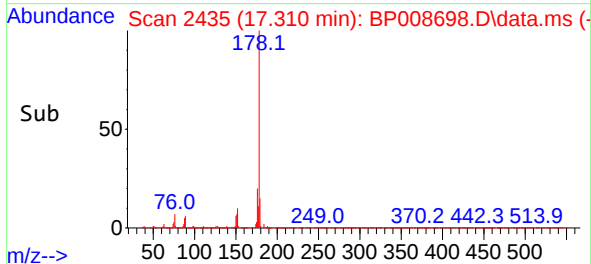
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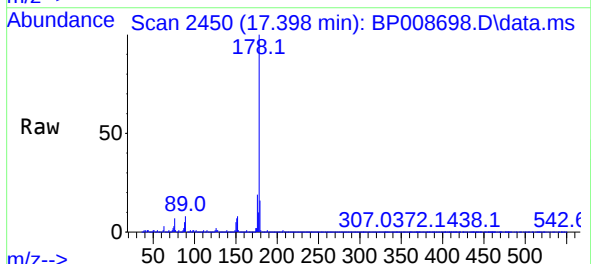
Tgt Ion:178 Resp: 310227
Ion Ratio Lower Upper
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176 19.6 16.0 24.0
179 15.4 13.0 19.4

Manual Integrations
APPROVED

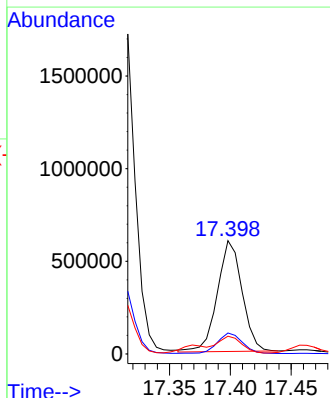
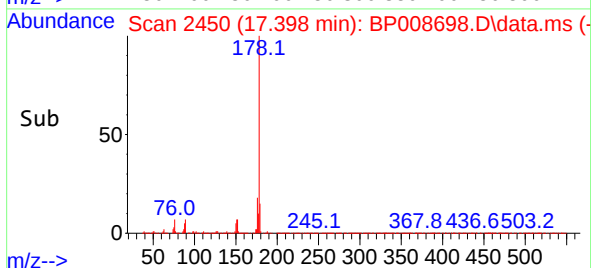
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

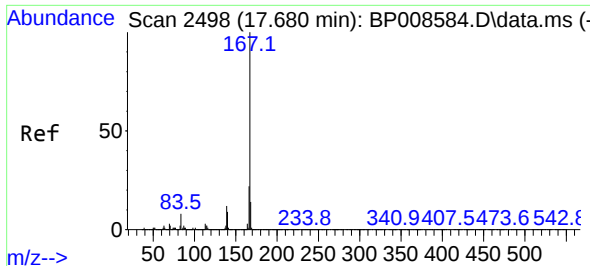


#72
Anthracene
Concen: 6.041 ng
RT: 17.398 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



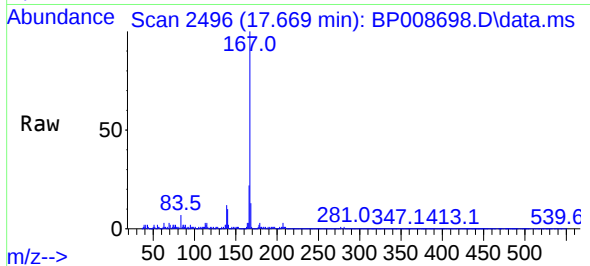
Tgt Ion:178 Resp: 847029
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.8 19.2





#73
 Carbazole
 Concen: 2.657 ng
 RT: 17.669 min Scan# 2498
 Delta R.T. -0.011 min
 Lab File: BP008698.D
 Acq: 05 Jan 2022 19:42

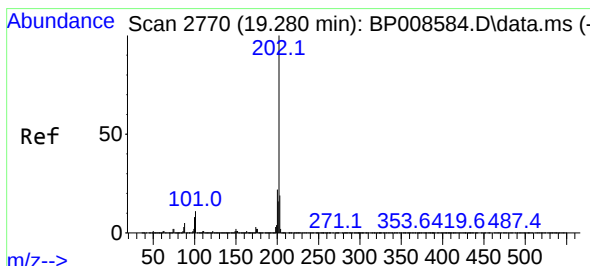
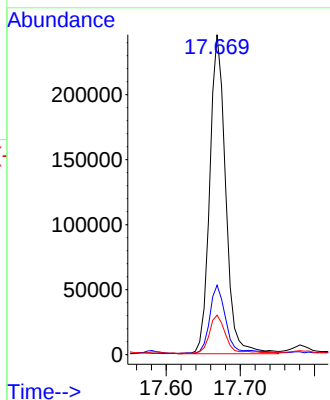
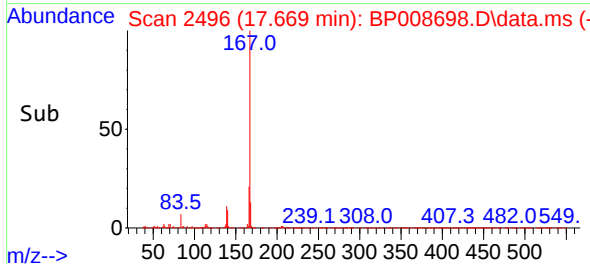
Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(0-2)



Tgt Ion:167 Resp: 36563
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.4 9.8 14.6

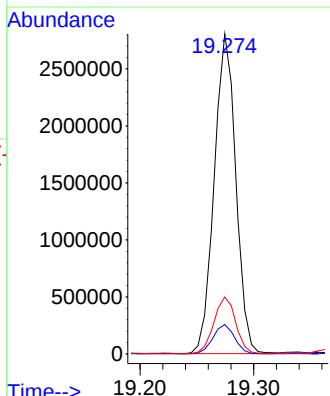
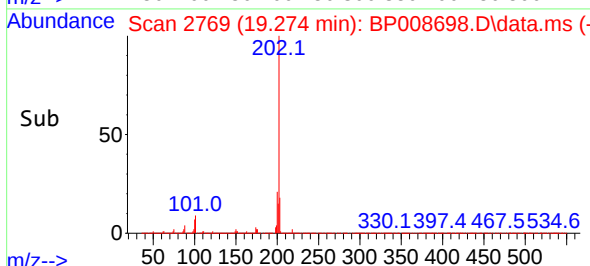
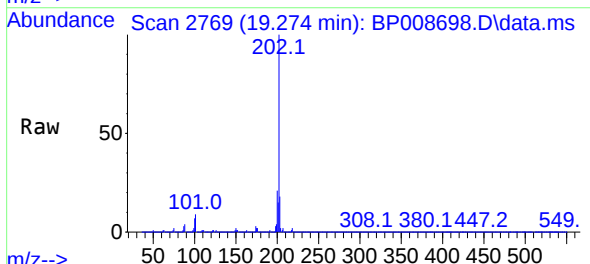
Manual Integrations
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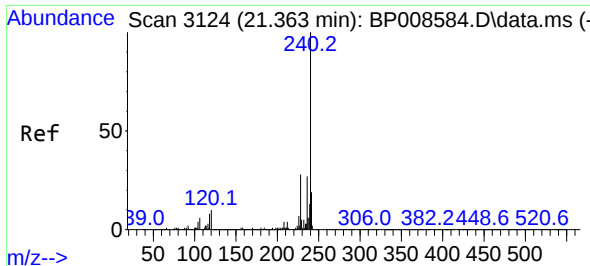
Reviewed By :Christian Giraldo 01/06/2022
 Supervised By :Jagrut Upadhyay 01/06/2022



#75
 Fluoranthene
 Concen: 22.389 ng
 RT: 19.274 min Scan# 2769
 Delta R.T. -0.006 min
 Lab File: BP008698.D
 Acq: 05 Jan 2022 19:42

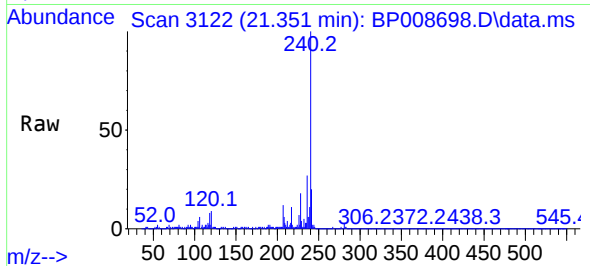
Tgt Ion:202 Resp: 3705568
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 17.8 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

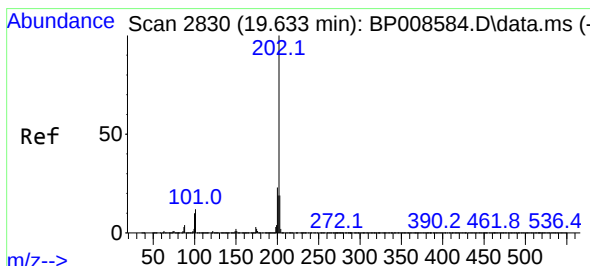
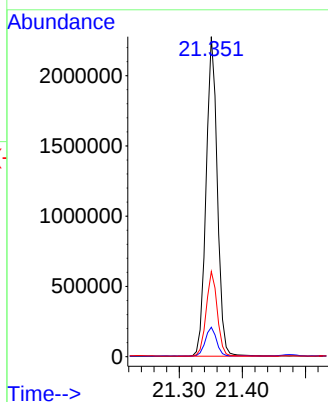
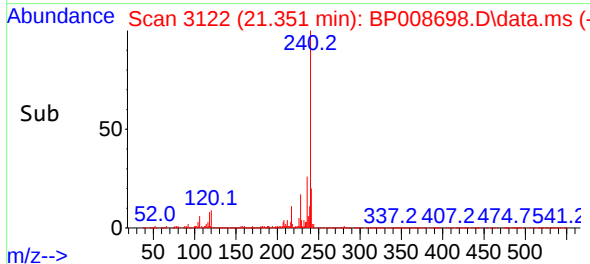
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



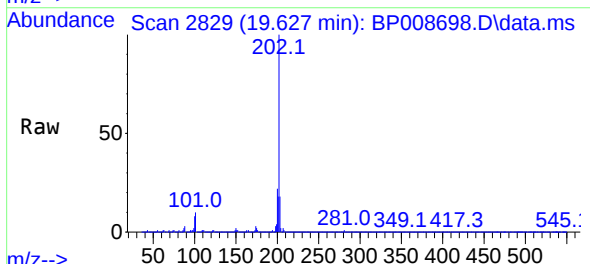
Tgt Ion:240 Resp: 281077
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8

Manual Integrations
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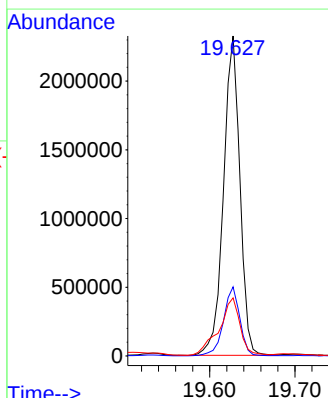
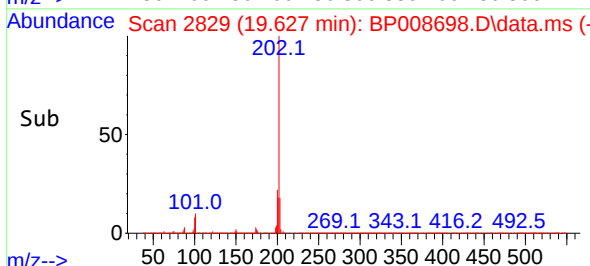
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

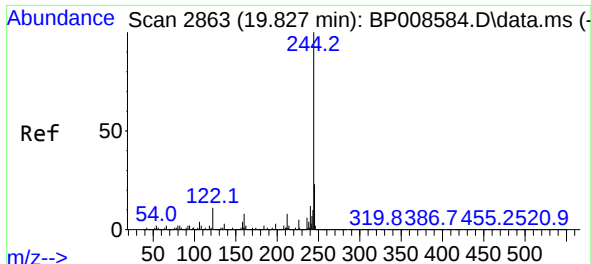


#78
Pyrene
Concen: 16.993 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



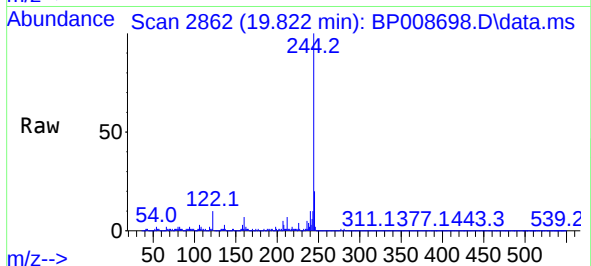
Tgt Ion:202 Resp: 3107264
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 18.2 15.0 22.6





#79
Terphenyl-d14
Concen: 10.735 ng
RT: 19.822 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

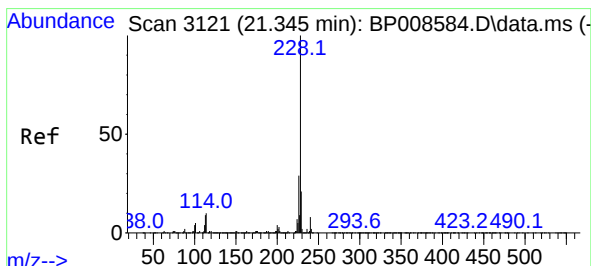
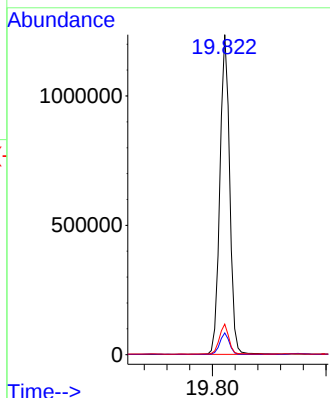
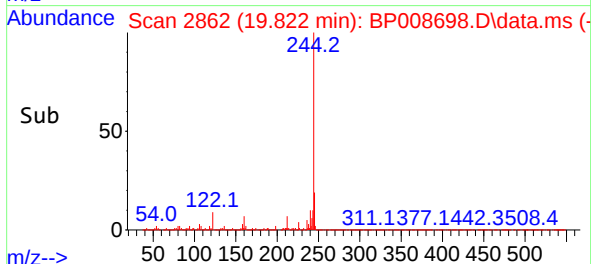
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



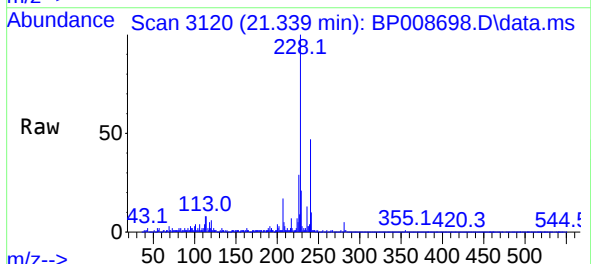
Tgt Ion:244 Resp: 147787
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 9.6 9.2 13.8

Manual Integrations
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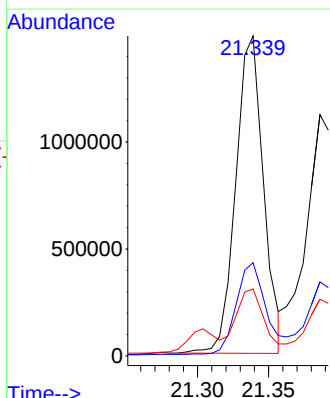
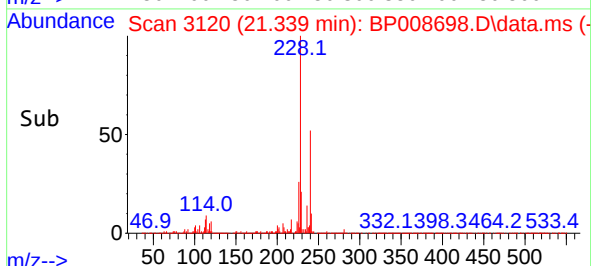
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

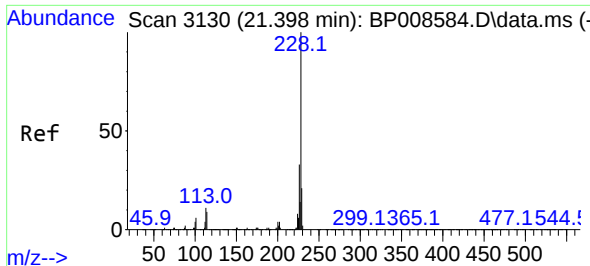


#81
Benzo(a)anthracene
Concen: 11.065 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42



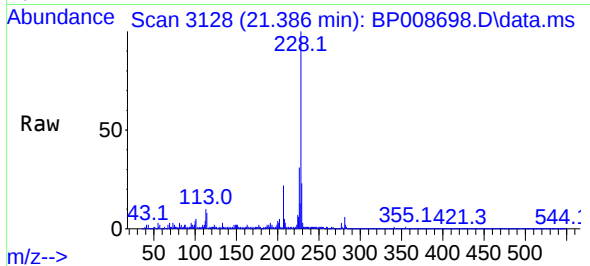
Tgt Ion:228 Resp: 2017582
Ion Ratio Lower Upper
228 100
226 29.2 23.3 34.9
229 21.0 17.0 25.6





#83
Chrysene
Concen: 9.914 ng m
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

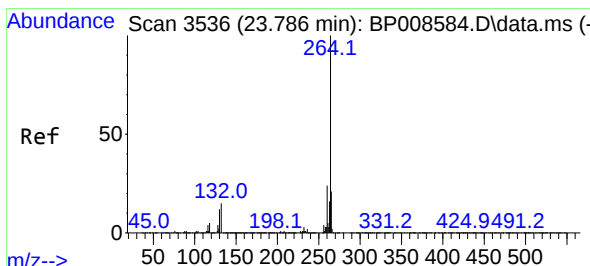
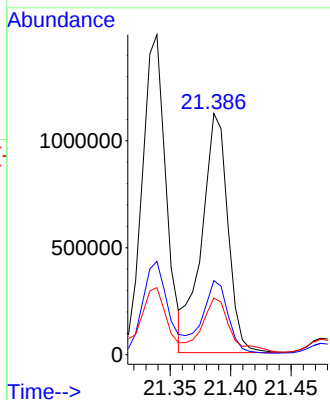
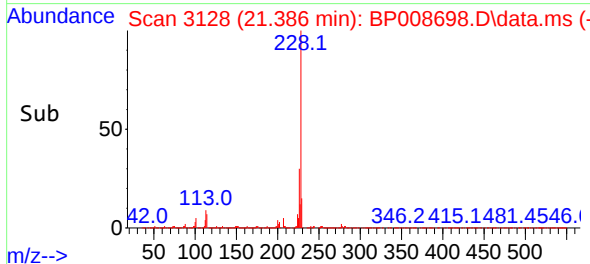
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



Tgt Ion:228 Resp: 1690459
Ion Ratio Lower Upper
228 100
226 30.7 26.0 39.0
229 23.5 16.9 25.3

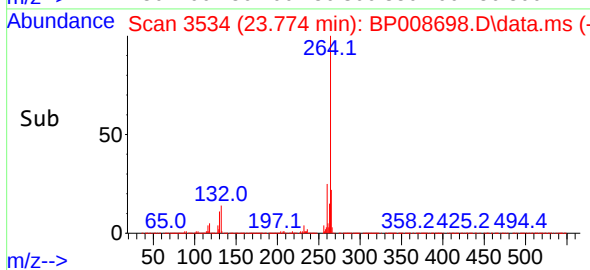
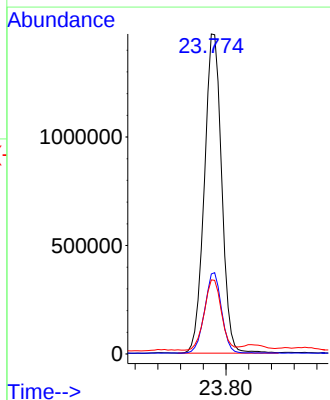
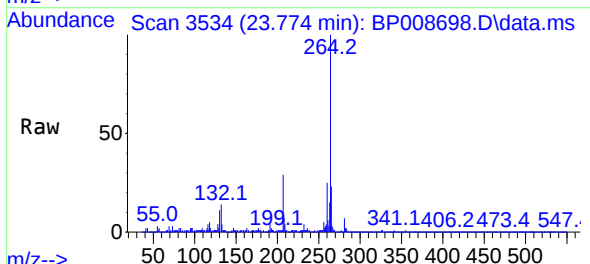
Manual Integrations
APPROVED

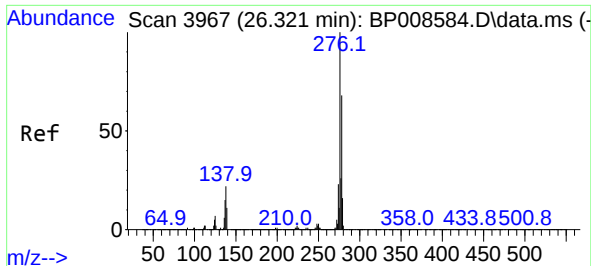
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

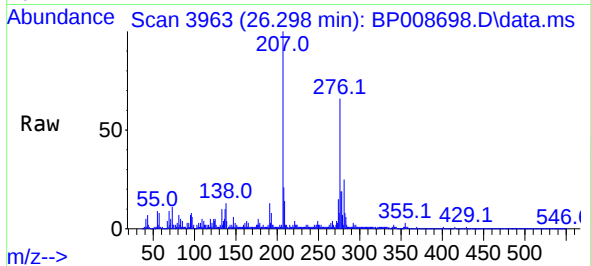
Tgt Ion:264 Resp: 3110638
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.103 ng
RT: 26.298 min Scan# 3409
Delta R.T. -0.024 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

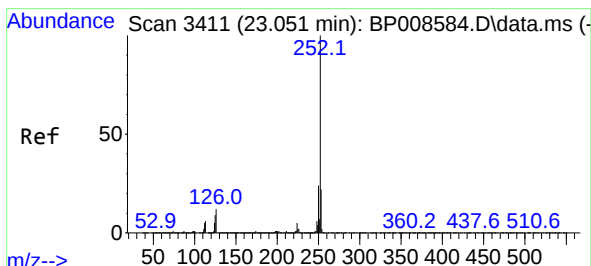
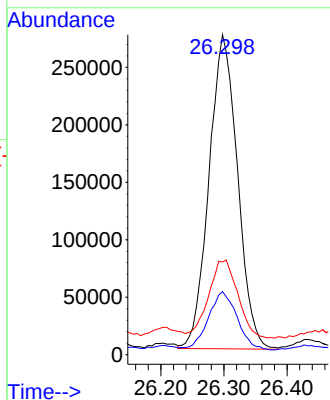
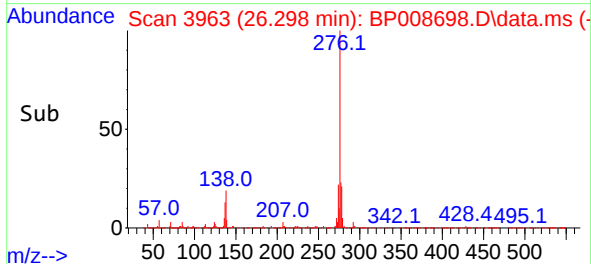
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



Tgt Ion:276 Resp: 857380
Ion Ratio Lower Upper
276 100
138 18.7 17.8 26.6
277 25.6 20.4 30.6

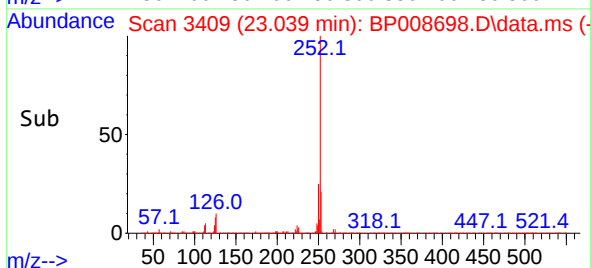
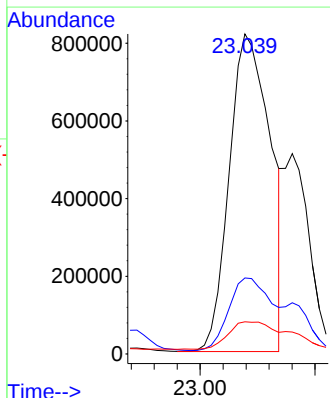
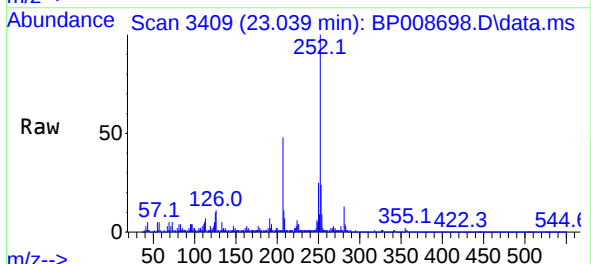
Manual Integrations
APPROVED

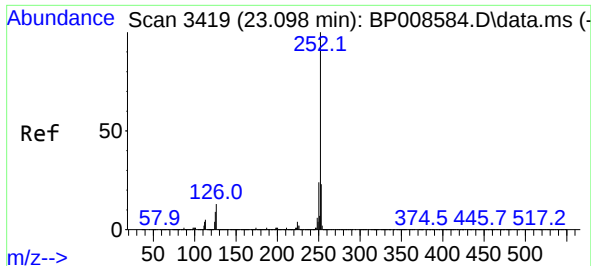
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#88
Benzo(b)fluoranthene
Concen: 10.155 ng m
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

Tgt Ion:252 Resp: 2031539
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 10.1 6.9 10.3





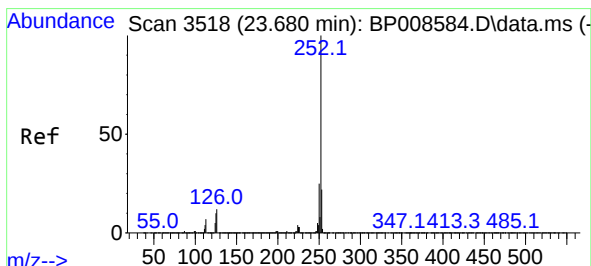
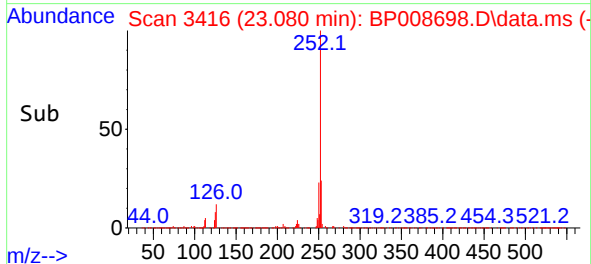
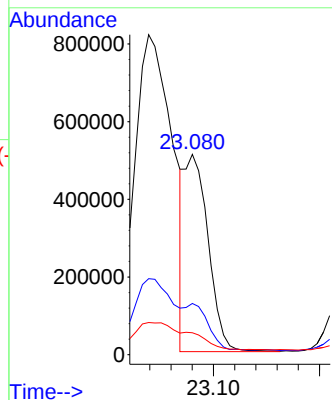
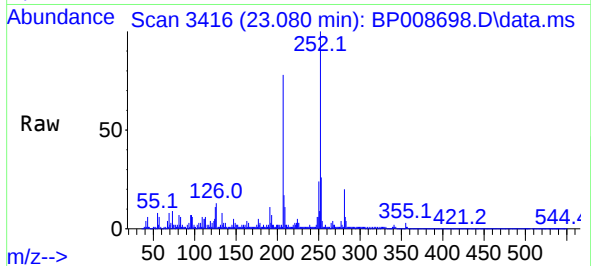
#89
Benzo(k)fluoranthene
Concen: 3.954 ng m
RT: 23.080 min Scan# 3419
Delta R.T. -0.018 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

Tgt Ion:252 Resp: 78626
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 11.0 7.3 10.9

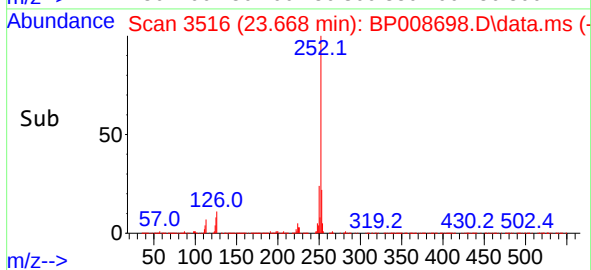
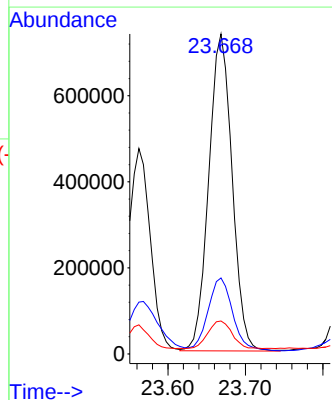
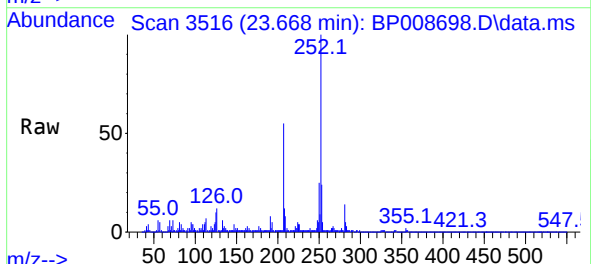
Manual Integrations
APPROVED

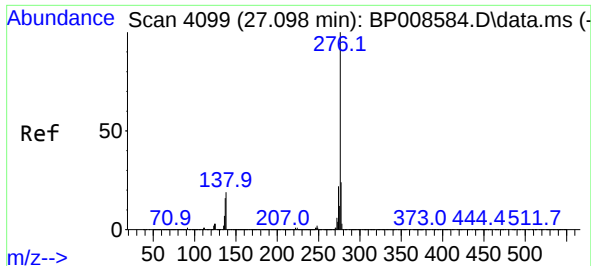
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#90
Benzo(a)pyrene
Concen: 9.559 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

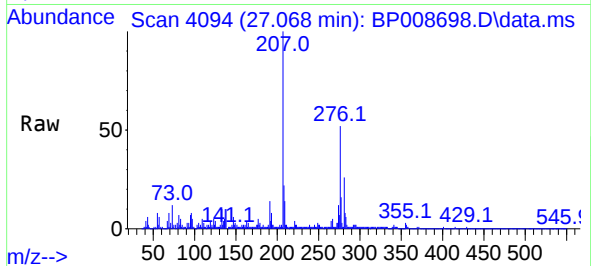
Tgt Ion:252 Resp: 1541516
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 10.3 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 4.576 ng
RT: 27.068 min Scan# 4094
Delta R.T. -0.029 min
Lab File: BP008698.D
Acq: 05 Jan 2022 19:42

Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)



Tgt Ion: 276 Resp: 754250
Ion Ratio Lower Upper
276 100
277 30.4 19.2 28.8
138 18.5 15.0 22.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/06/2022
Supervised By : Jagrut Upadhyay 01/06/2022

