

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009666.D
 Acq On : 01 Apr 2022 19:45
 Operator : CG/JU
 Sample : N2220-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A05015

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 22:45:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	233284	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	908470	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	539949	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1092619	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1158347	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1283757	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1716531	128.468	ng	-0.01
7) Phenol-d6	6.928	99	2106860	116.597	ng	0.00
23) Nitrobenzene-d5	8.887	82	1375363	80.451	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	838378	94.093	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	3019855	77.533	ng	-0.01
79) Terphenyl-d14	19.727	244	4530497	70.201	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.186	178	220093	3.763	ng	99
75) Fluoranthene	19.169	202	480025	6.779	ng	99
78) Pyrene	19.522	202	456958	5.987	ng	100
81) Benzo(a)anthracene	21.245	228	279072	3.667	ng	98
83) Chrysene	21.298	228	280855	3.897	ng	97
87) Indeno(1,2,3-cd)pyrene	26.110	276	211574	2.172	ng	95
88) Benzo(b)fluoranthene	22.916	252	431171m	5.626	ng	
90) Benzo(a)pyrene	23.533	252	277953	4.239	ng	96
92) Benzo(g,h,i)perylene	26.862	276	224188	2.807	ng #	90

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

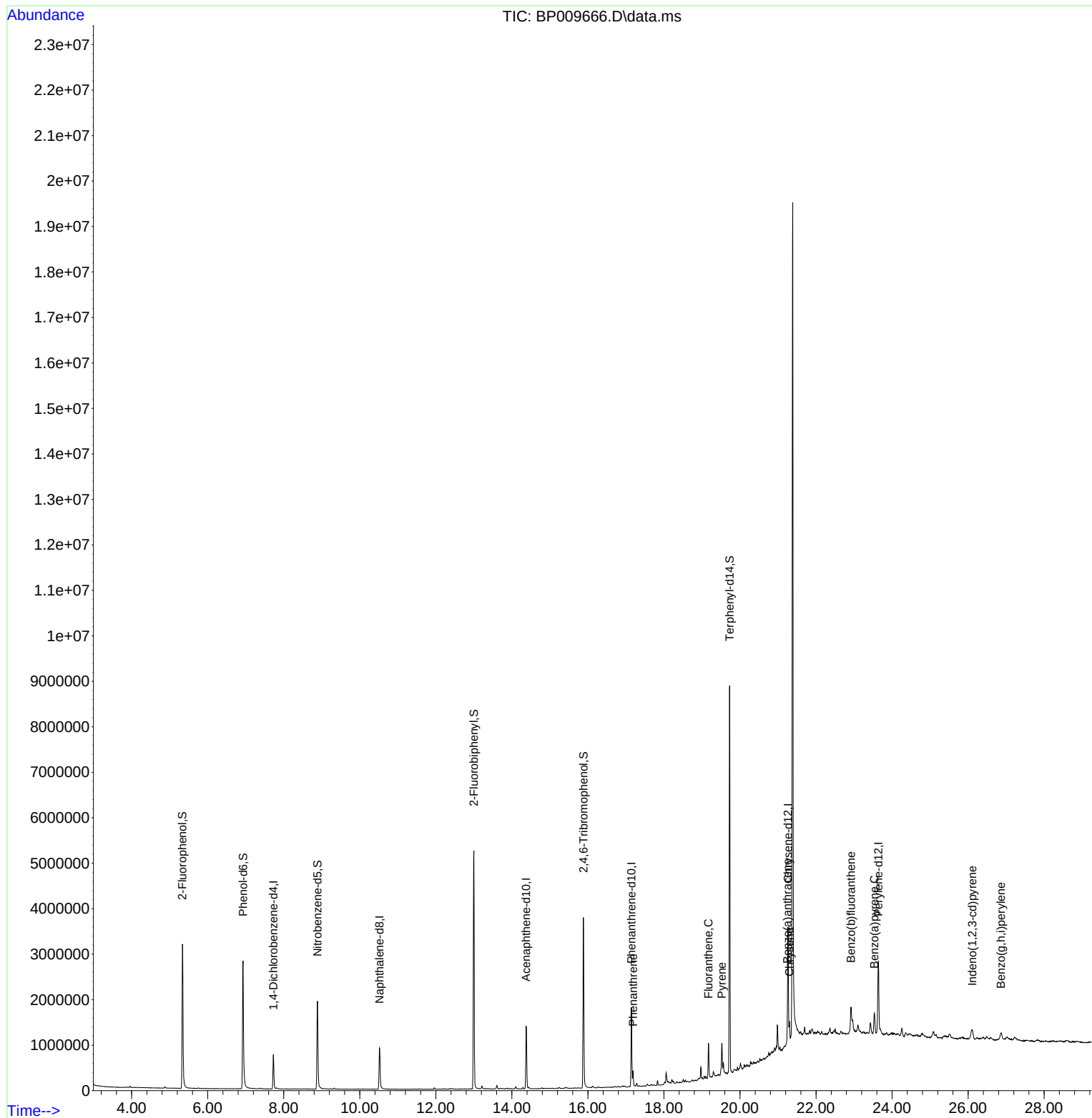
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009666.D
Acq On : 01 Apr 2022 19:45
Operator : CG/JU
Sample : N2220-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

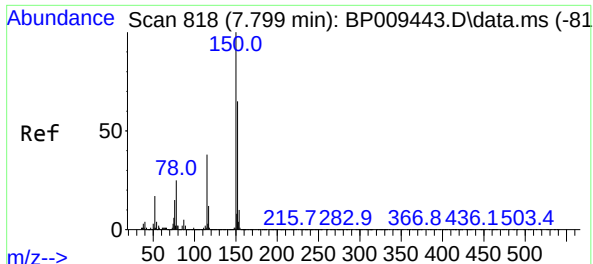
Instrument :
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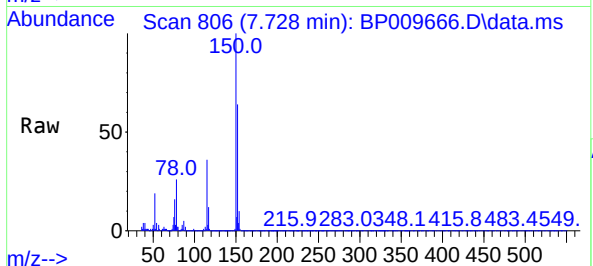
Quant Time: Apr 01 22:45:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

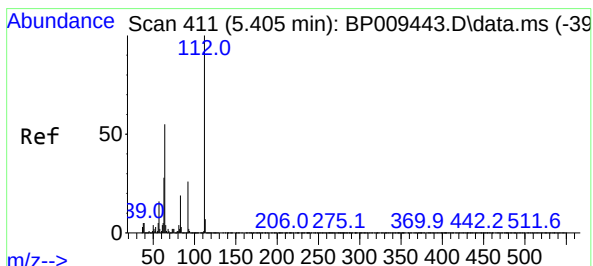
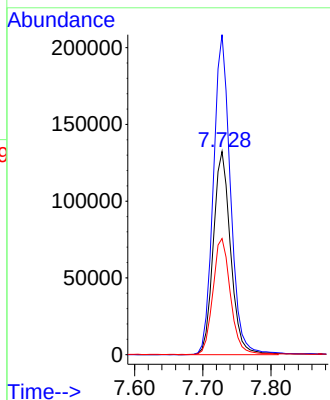
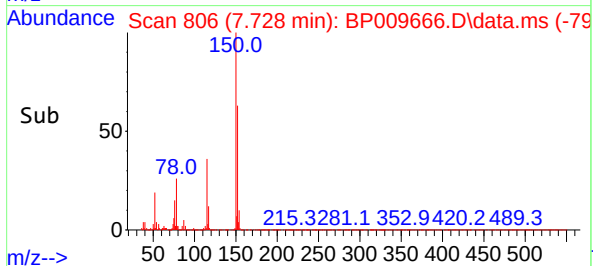
Instrument :
BNA_P
Client Sample Id :
A05015



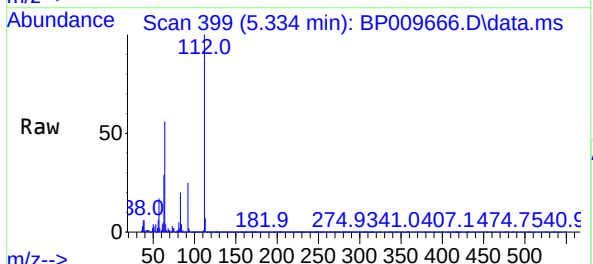
Tgt Ion:152 Resp: 233284
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 57.1 48.2 72.4

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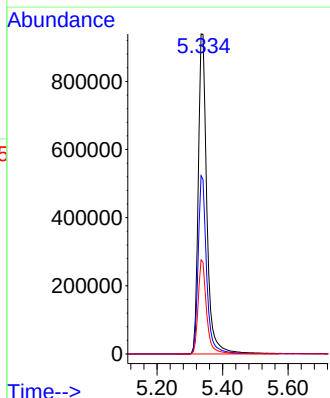
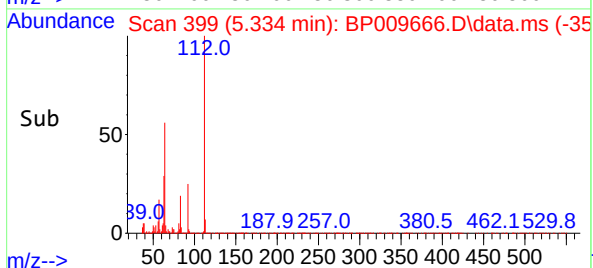
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

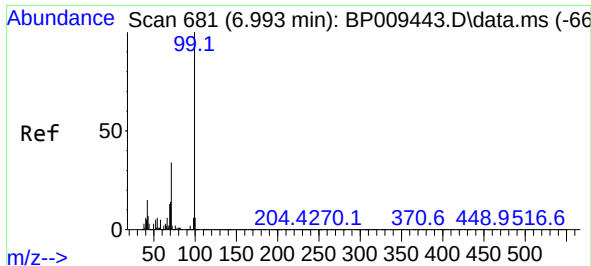


#5
2-Fluorophenol
Concen: 128.468 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45



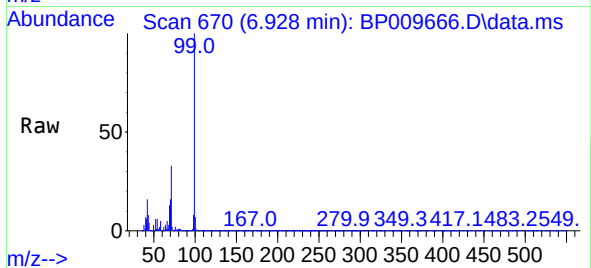
Tgt Ion:112 Resp: 1716531
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 29.4 23.0 34.6





#7
Phenol-d6
Concen: 116.597 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

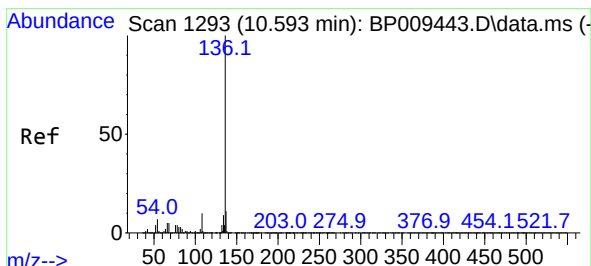
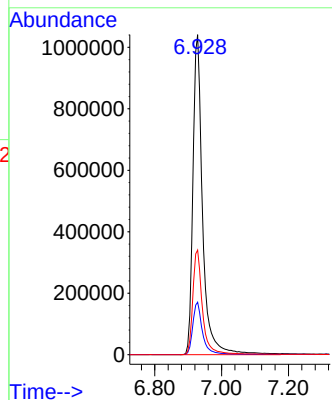
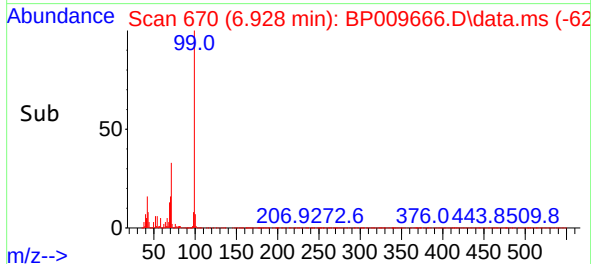
Instrument :
BNA_P
ClientSampleId :
A05015



Tgt Ion: 99 Resp: 2106860
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 32.7 26.3 39.5

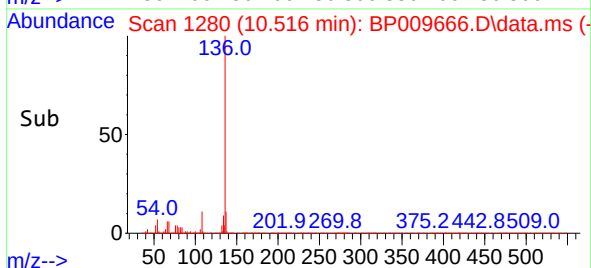
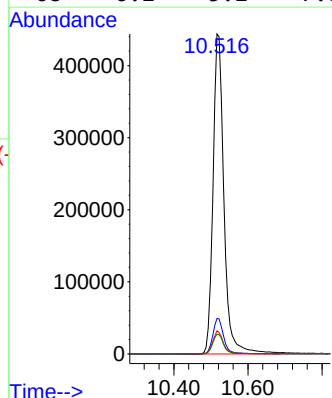
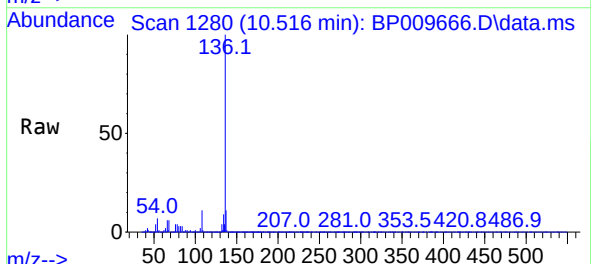
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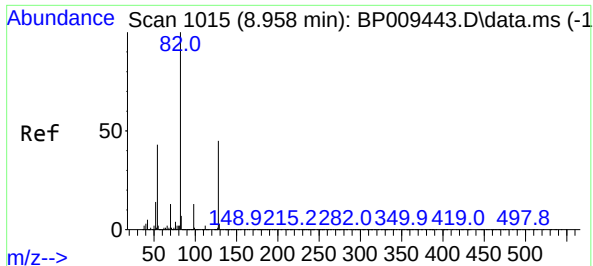
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Tgt Ion:136 Resp: 908470
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.3 5.8 8.8
68 6.2 5.2 7.8





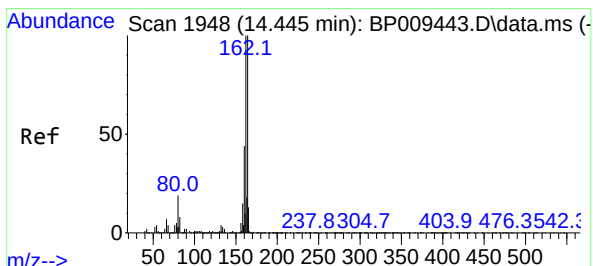
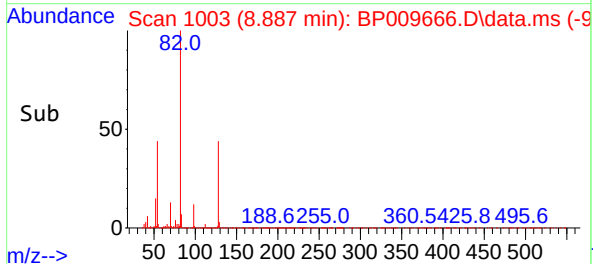
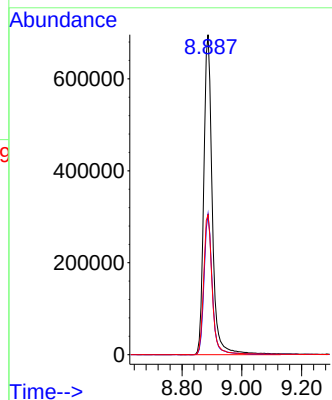
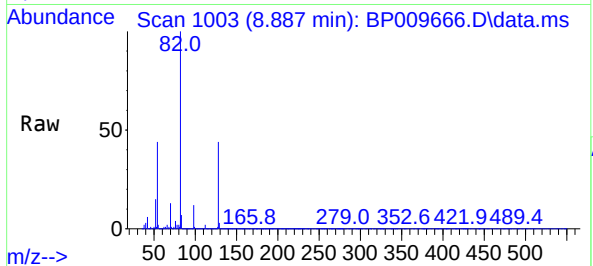
#23
Nitrobenzene-d5
Concen: 80.451 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Instrument :
BNA_P
ClientSampleId :
A05015

Tgt Ion: 82 Resp: 137536
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.7 34.7 52.1

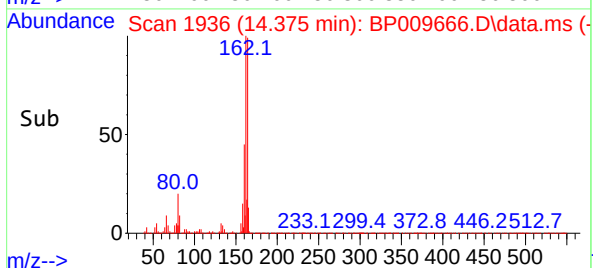
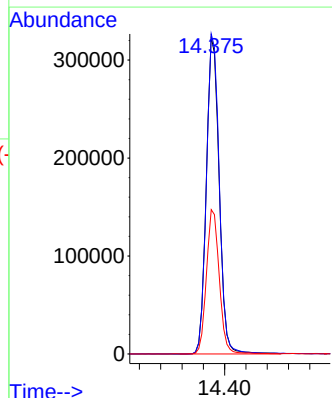
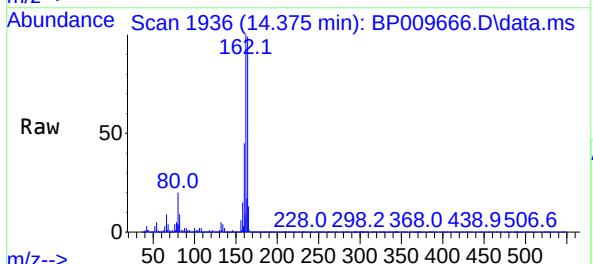
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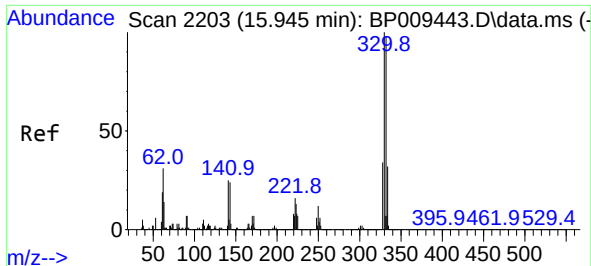
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

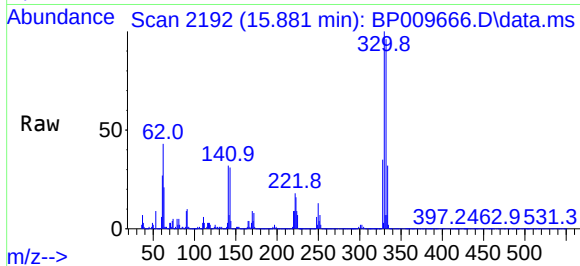
Tgt Ion:164 Resp: 539949
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 45.5 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 94.093 ng
RT: 15.881 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

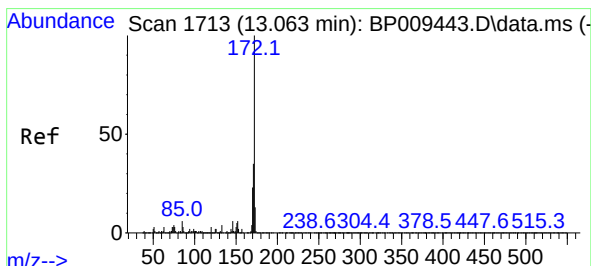
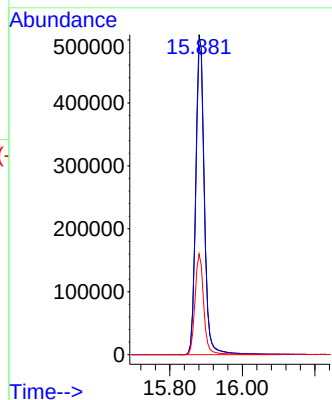
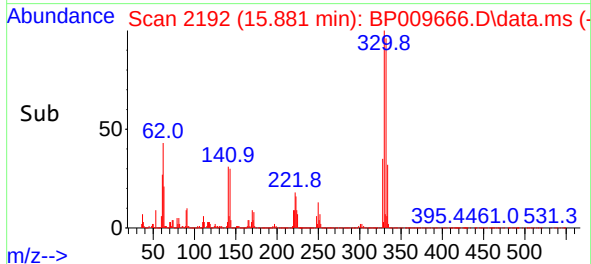
Instrument :
BNA_P
ClientSampleId :
A05015



Tgt Ion:330 Resp: 838378
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.7 27.6 41.4

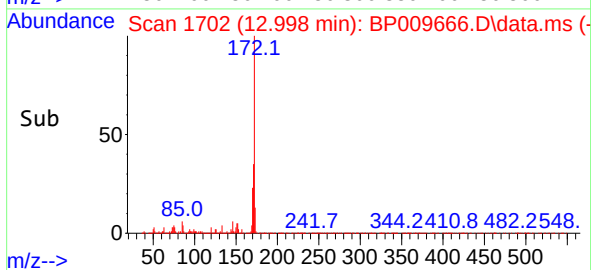
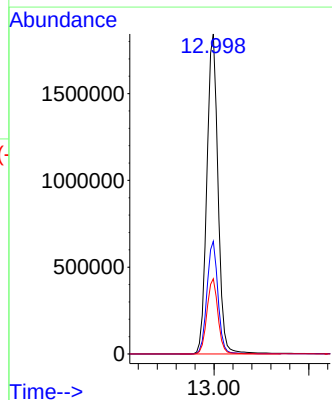
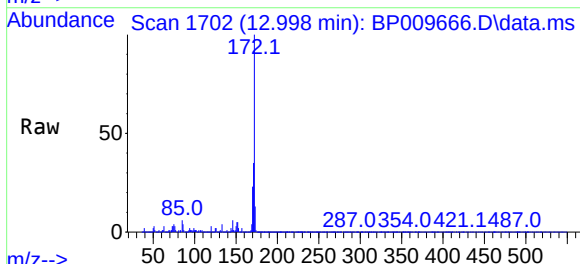
Manual Integrations
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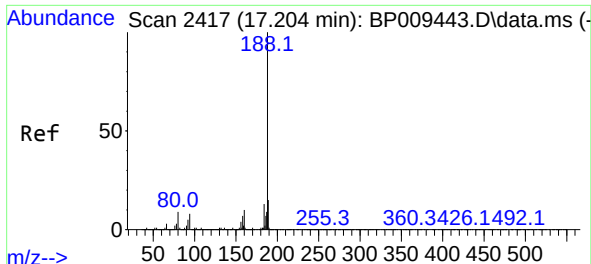
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#45
2-Fluorobiphenyl
Concen: 77.533 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Tgt Ion:172 Resp: 3019855
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 18.6 27.8





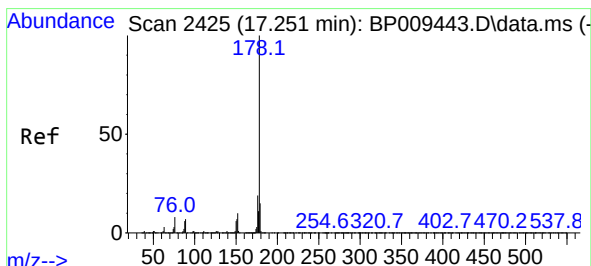
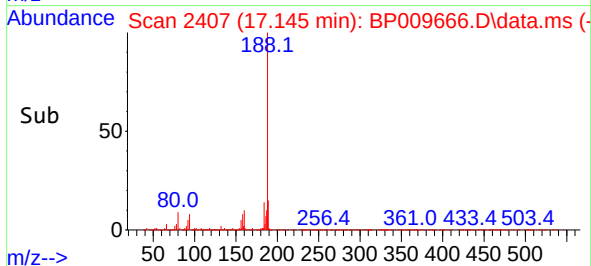
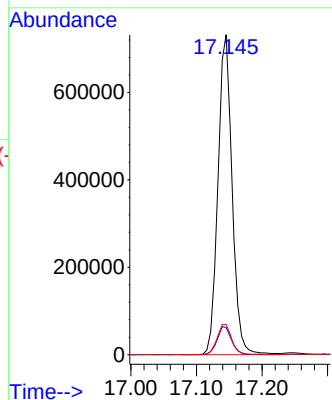
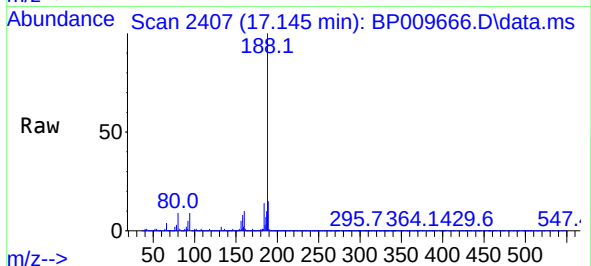
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Instrument :
BNA_P
ClientSampleId :
A05015

Tgt Ion:188 Resp: 1092619
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.4 8.8 13.2

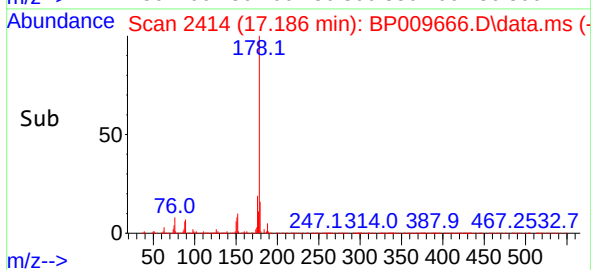
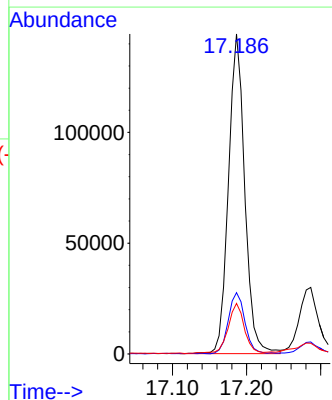
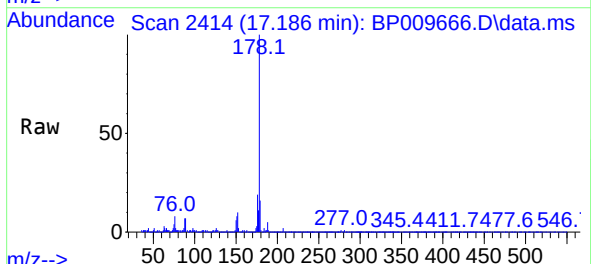
Manual Integrations
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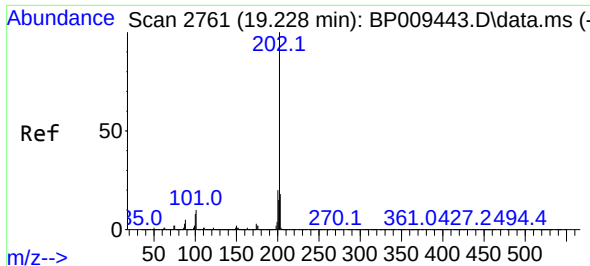
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#71
Phenanthrene
Concen: 3.763 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Tgt Ion:178 Resp: 220093
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.3 18.5





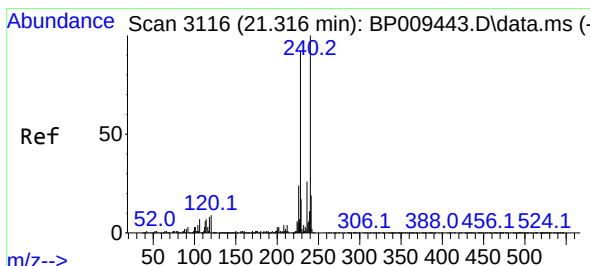
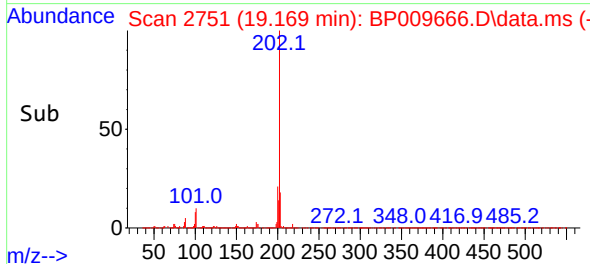
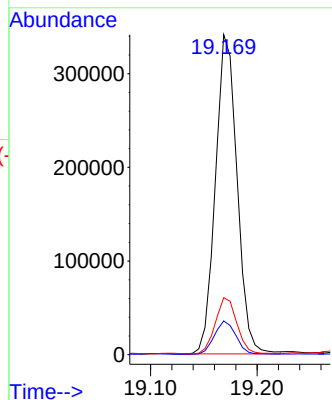
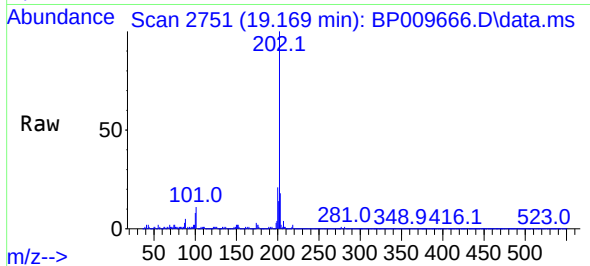
#75
Fluoranthene
Concen: 6.779 ng
RT: 19.169 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Instrument :
BNA_P
ClientSampleId :
A05015

Tgt Ion:202 Resp: 480025
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.5
203 17.8 0.0 37.8

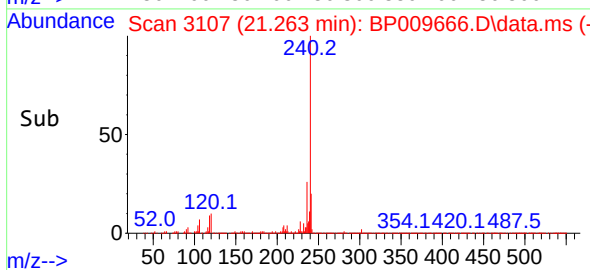
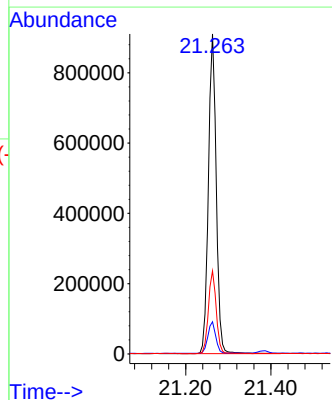
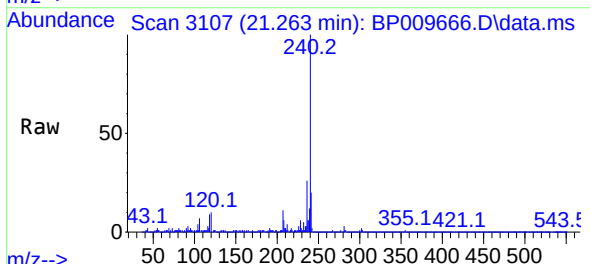
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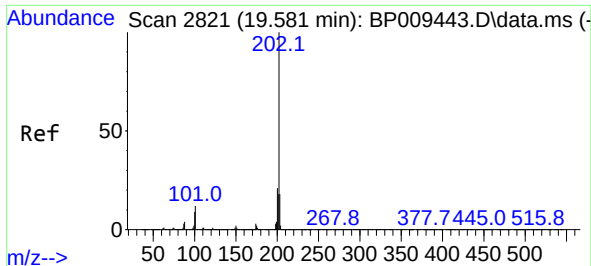
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

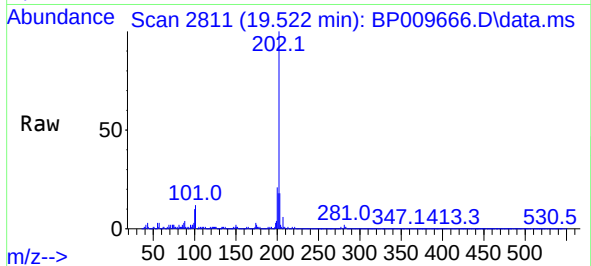
Tgt Ion:240 Resp: 1158347
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 25.9 20.6 30.8





#78
Pyrene
Concen: 5.987 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

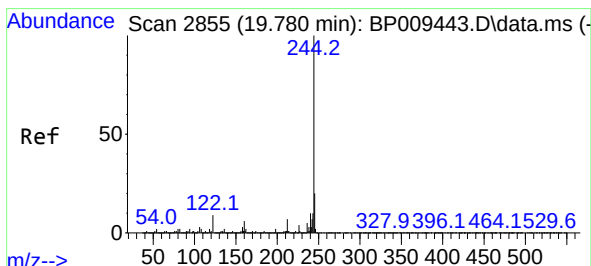
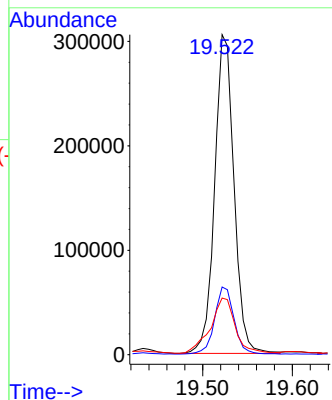
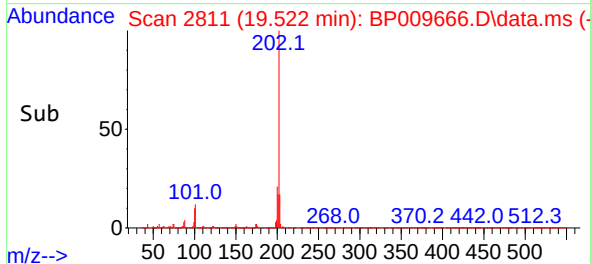
Instrument :
BNA_P
ClientSampleId :
A05015



Tgt Ion: 202 Resp: 456958
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.7 14.2 21.4

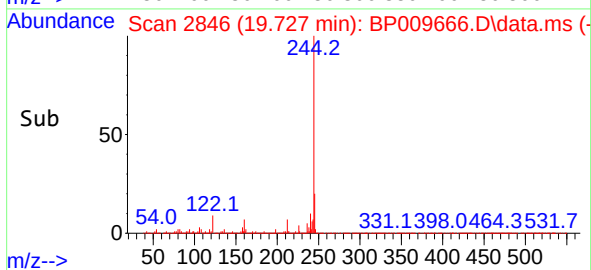
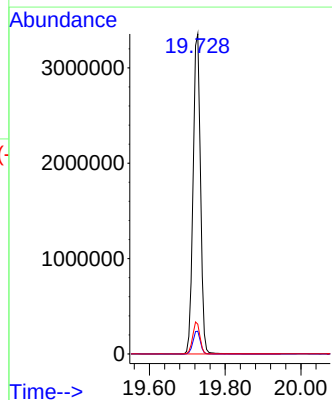
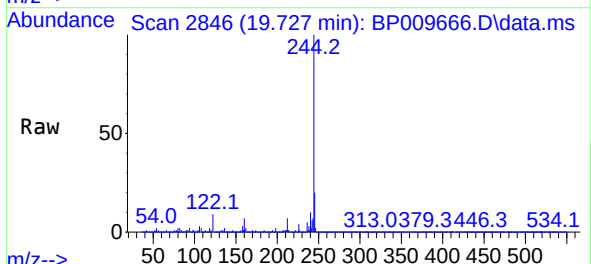
Manual Integrations
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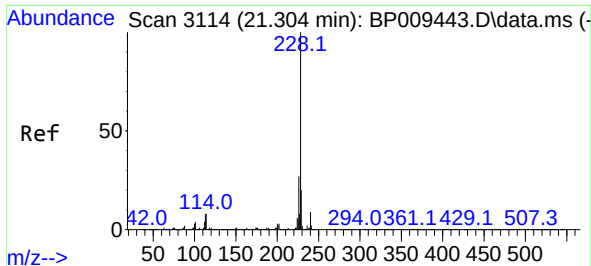
Reviewed By : Christian Giraldo 04/04/2022
Supervised By : Jagrut Upadhyay 04/04/2022



#79
Terphenyl-d14
Concen: 70.201 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

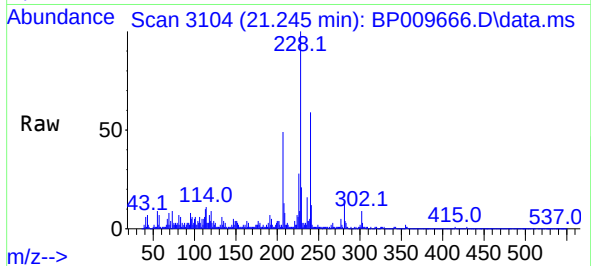
Tgt Ion: 244 Resp: 4530497
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.3 8.3 12.5





#81
Benzo(a)anthracene
Concen: 3.667 ng
RT: 21.245 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

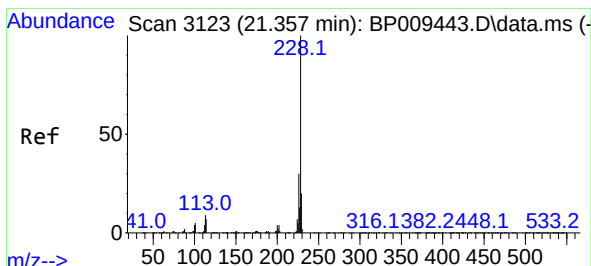
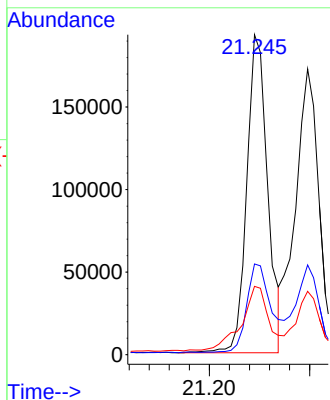
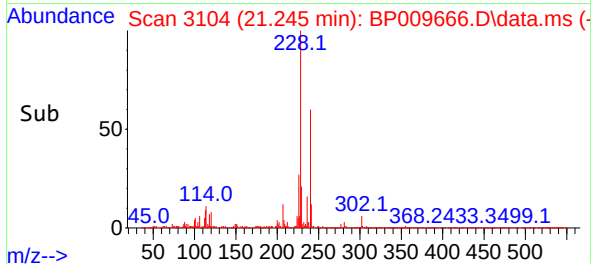
Instrument :
BNA_P
ClientSampleId :
A05015



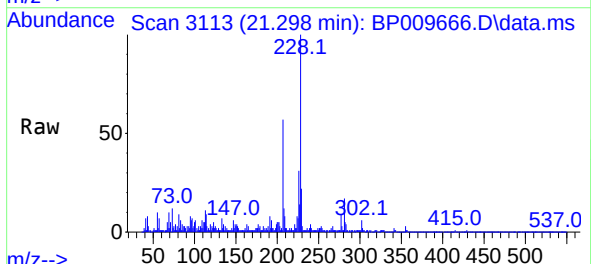
Tgt Ion:228 Resp: 279072
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 21.3 16.1 24.1

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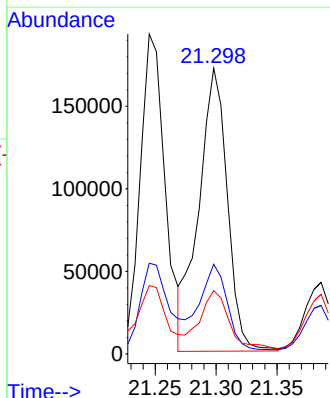
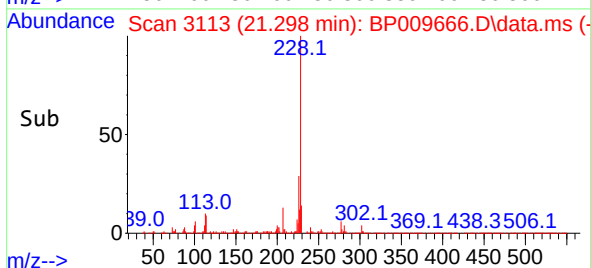
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

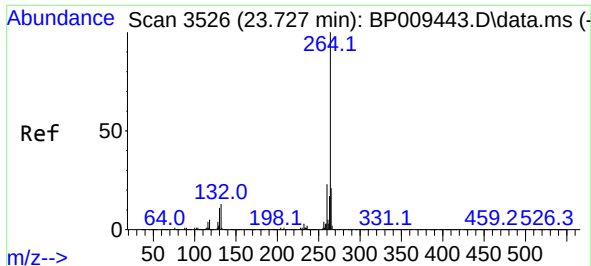


#83
Chrysene
Concen: 3.897 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45



Tgt Ion:228 Resp: 280855
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 22.2 16.1 24.1





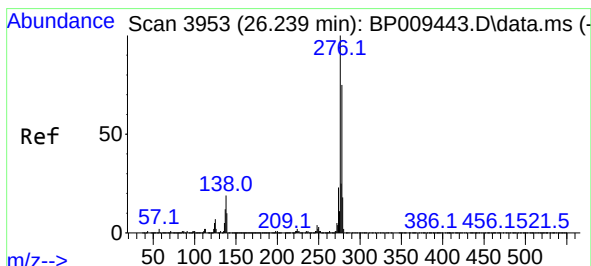
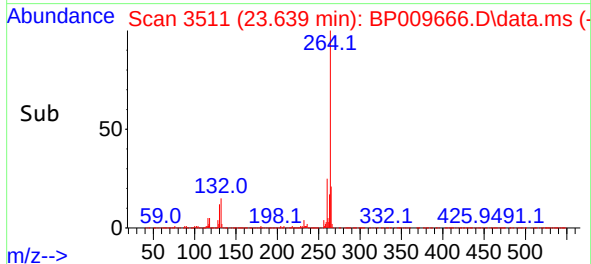
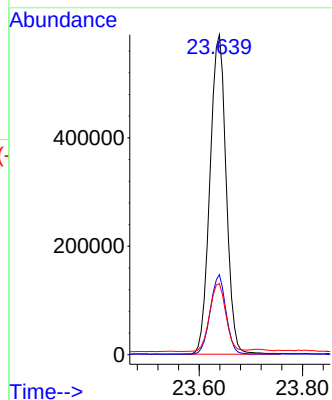
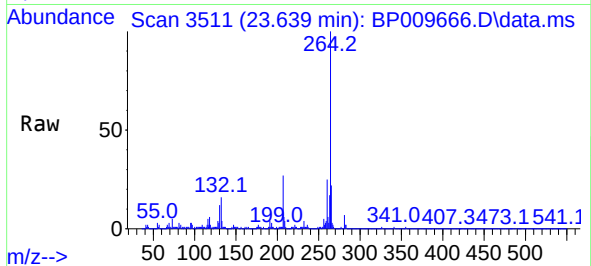
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Instrument :
BNA_P
ClientSampleId :
A05015

Tgt Ion:264 Resp: 128375
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.0
265 22.2 17.2 25.8

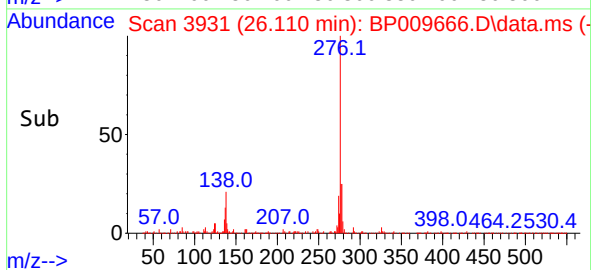
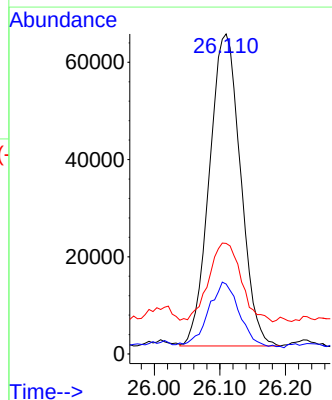
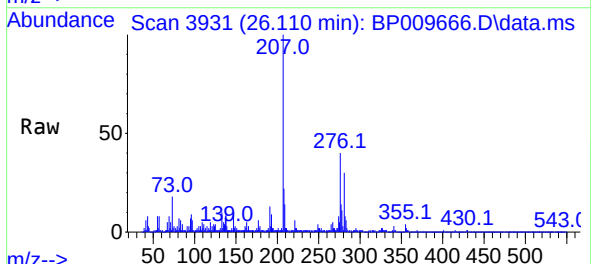
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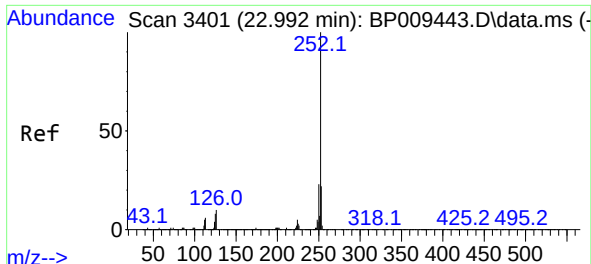
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.172 ng
RT: 26.110 min Scan# 3931
Delta R.T. -0.029 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

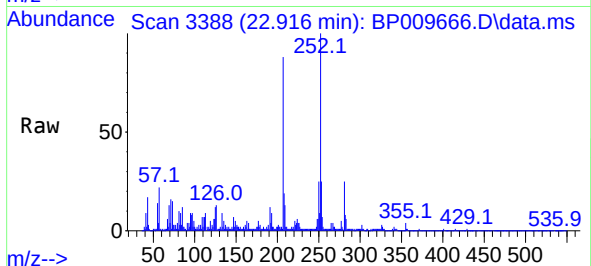
Tgt Ion:276 Resp: 211574
Ion Ratio Lower Upper
276 100
138 21.5 20.5 30.7
277 26.4 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.626 ng m
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

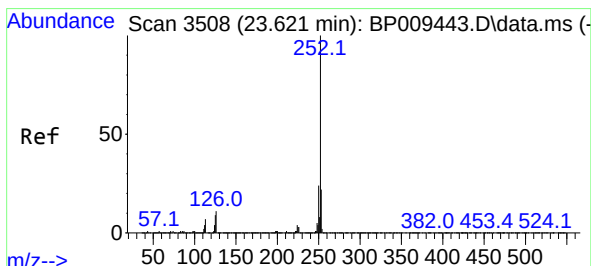
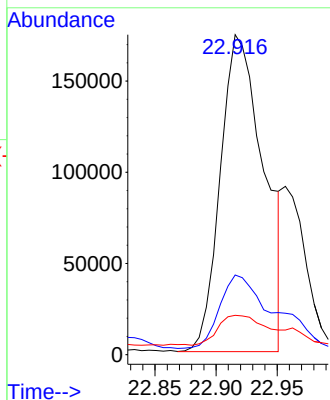
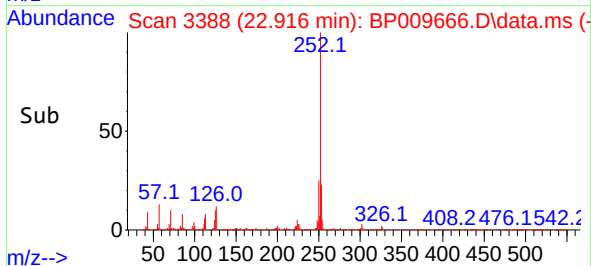
Instrument :
BNA_P
ClientSampleId :
A05015



Tgt Ion:252 Resp: 43117
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 12.3 8.1 12.1

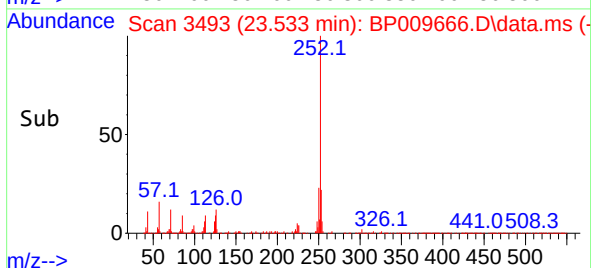
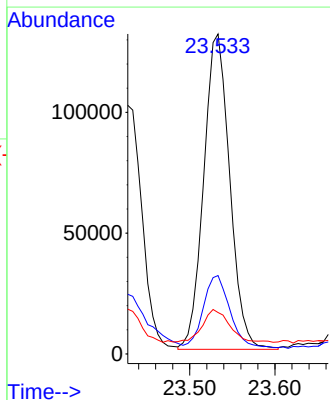
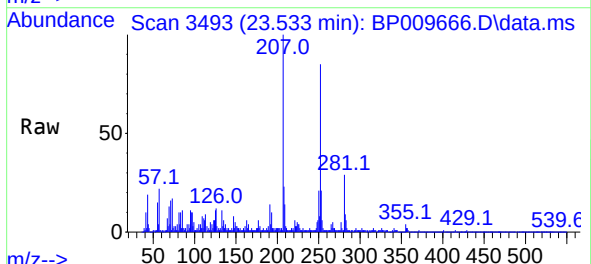
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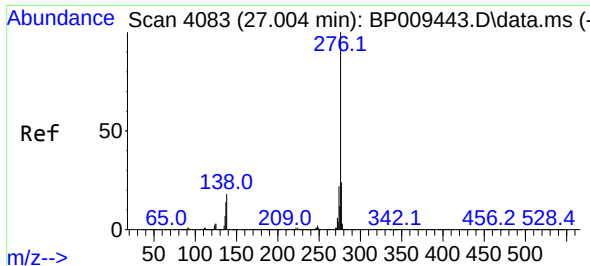
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#90
Benzo(a)pyrene
Concen: 4.239 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.018 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

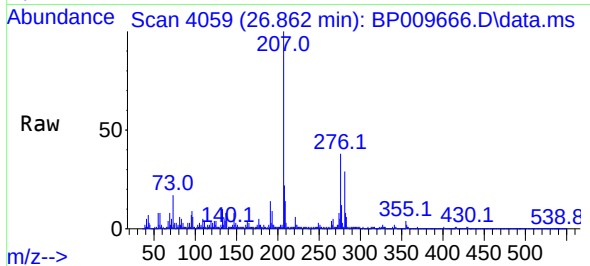
Tgt Ion:252 Resp: 277953
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 13.0 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 2.807 ng
RT: 26.862 min Scan# 4059
Delta R.T. -0.035 min
Lab File: BP009666.D
Acq: 01 Apr 2022 19:45

Instrument :
BNA_P
ClientSampleId :
A05015



Tgt Ion: 276 Resp: 22418
Ion Ratio Lower Upper
276 100
277 32.2 19.2 28.8
138 20.9 18.0 27.0

Manual Integrations
APPROVED

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

