

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008799.D
 Acq On : 13 Jan 2022 20:10
 Operator : CG/JU
 Sample : N1112-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4D

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/14/2022
 Supervised By :Jagrut Upadhyay 01/14/2022

Quant Time: Jan 13 23:28:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	530199	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1958364	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1159336	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2025307	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1871850	20.000	ng	0.00
86) Perylene-d12	23.774	264	2161579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1040442	30.730	ng	0.00
7) Phenol-d6	7.040	99	1239378	27.268	ng	0.00
23) Nitrobenzene-d5	9.022	82	767755	22.202	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	419603	21.453	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1966839	23.851	ng	-0.01
79) Terphenyl-d14	19.816	244	2111670	22.989	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	486846	4.326	ng	98
75) Fluoranthene	19.263	202	786195	5.835	ng	97
78) Pyrene	19.616	202	752948	6.152	ng	98
81) Benzo(a)anthracene	21.333	228	429015	3.494	ng	100
83) Chrysene	21.380	228	404189m	3.412	ng	
88) Benzo(b)fluoranthene	23.033	252	544166m	3.853	ng	
90) Benzo(a)pyrene	23.663	252	385227	2.822	ng	# 96

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

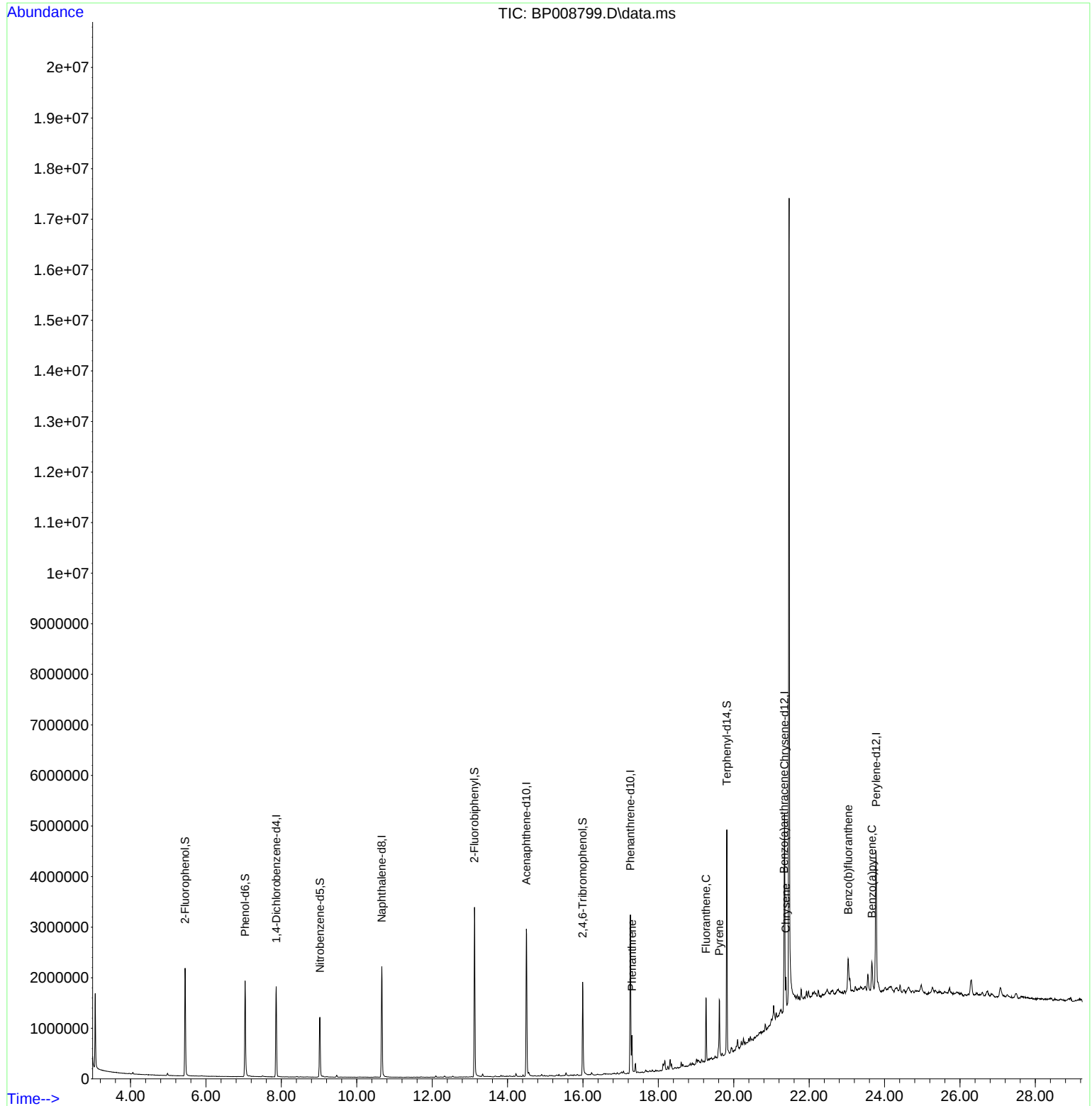
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008799.D
Acq On : 13 Jan 2022 20:10
Operator : CG/JU
Sample : N1112-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

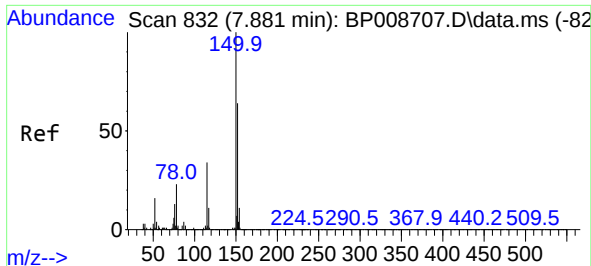
Instrument :
BNA_P
ClientSampleId :
TP-4D

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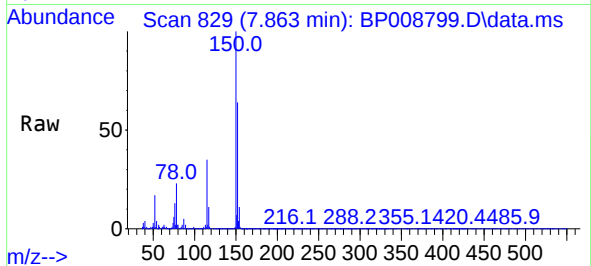
Quant Time: Jan 13 23:28:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

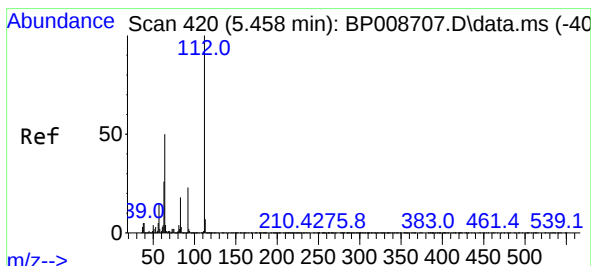
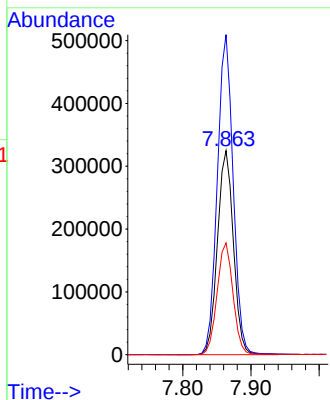
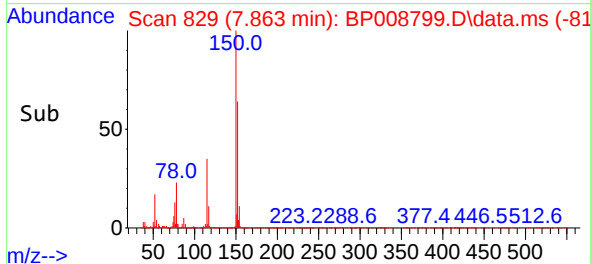
Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:152 Resp: 530199
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 54.7 43.7 65.5

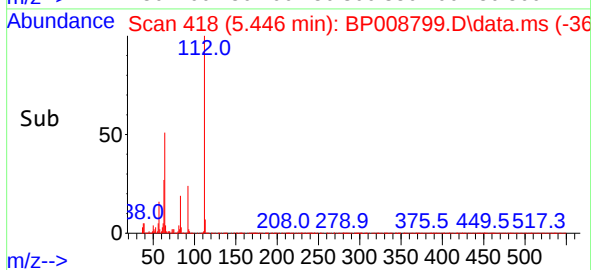
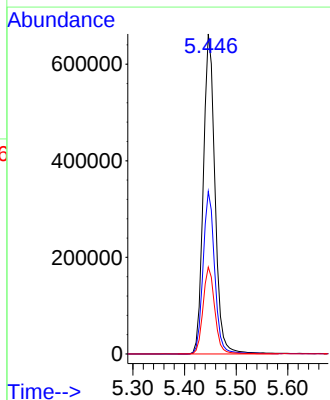
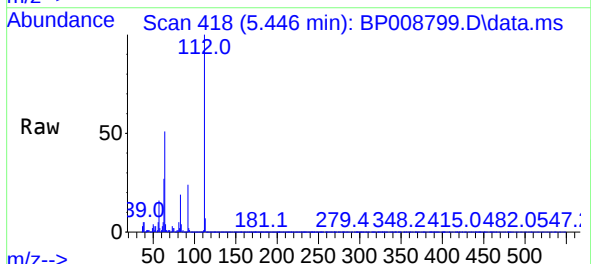
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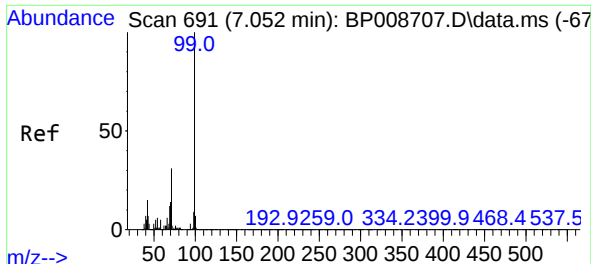
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#5
2-Fluorophenol
Concen: 30.730 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

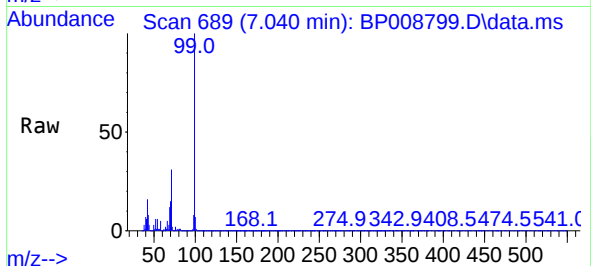
Tgt Ion:112 Resp: 1040442
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 27.1 20.0 30.0





#7
Phenol-d6
Concen: 27.268 ng
RT: 7.040 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

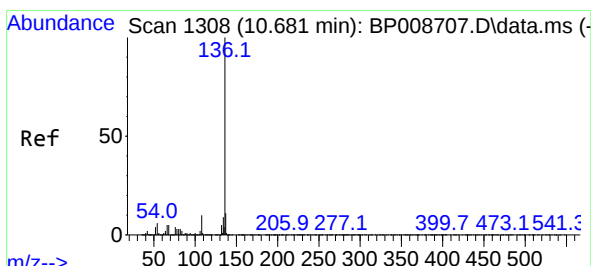
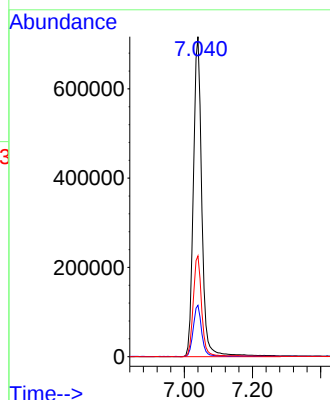
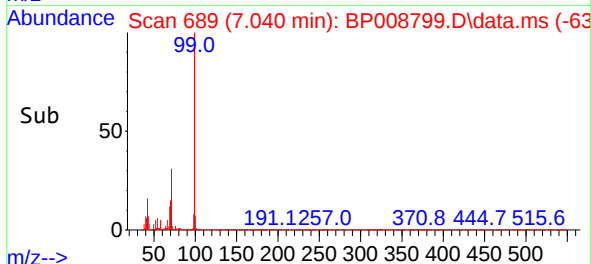
Instrument :
BNA_P
ClientSampleId :
TP-4D



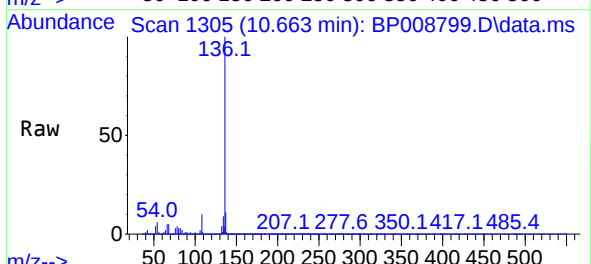
Tgt Ion: 99 Resp: 1239378
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 31.5 23.8 35.6

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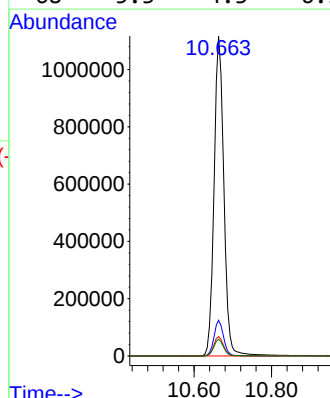
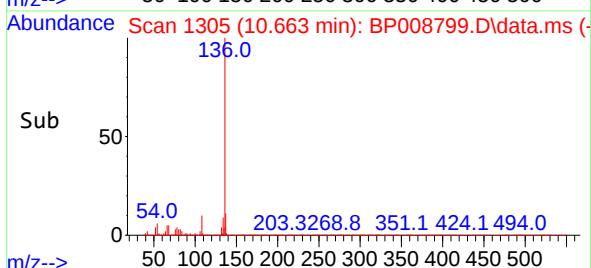
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

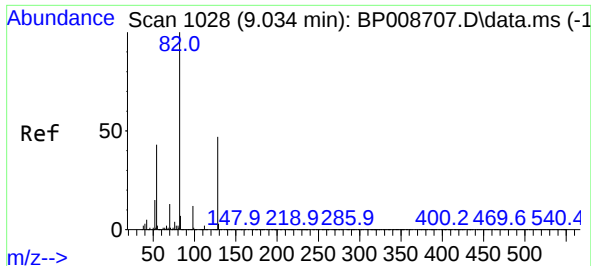


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10



Tgt Ion:136 Resp: 1958364
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.0 4.9 7.3
68 5.3 4.3 6.5





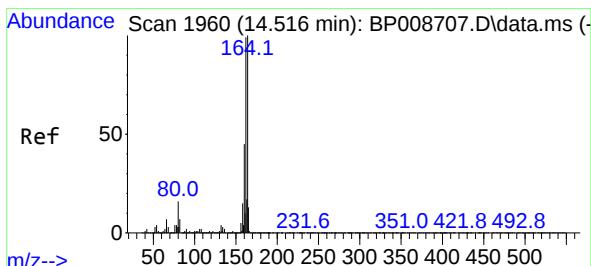
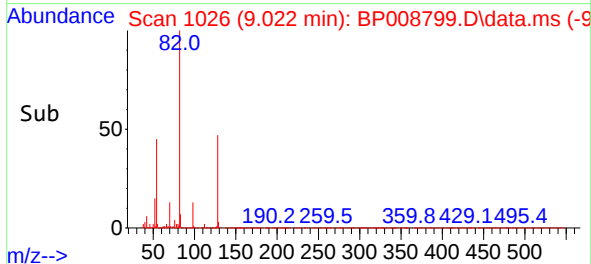
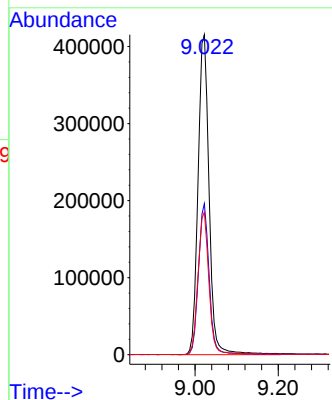
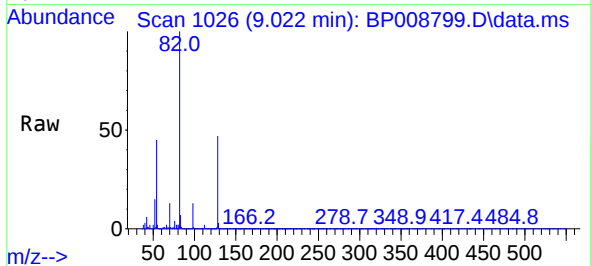
#23
Nitrobenzene-d5
Concen: 22.202 ng
RT: 9.022 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Instrument :
BNA_P
ClientSampleId :
TP-4D

Tgt Ion: 82 Resp: 76775
Ion Ratio Lower Upper
82 100
128 47.2 39.4 59.2
54 44.6 32.6 48.8

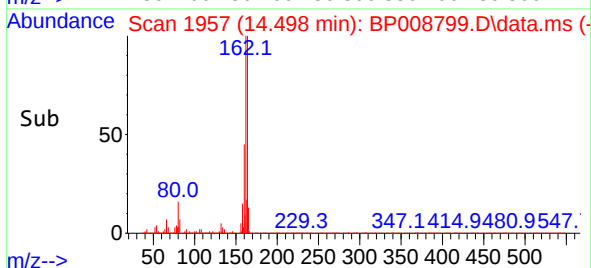
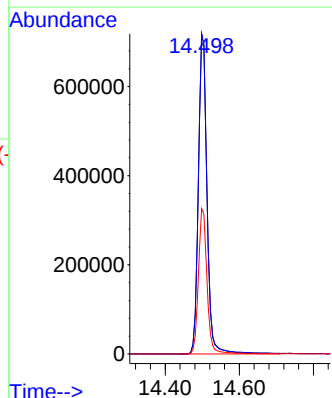
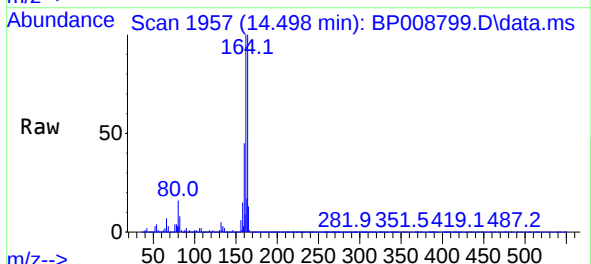
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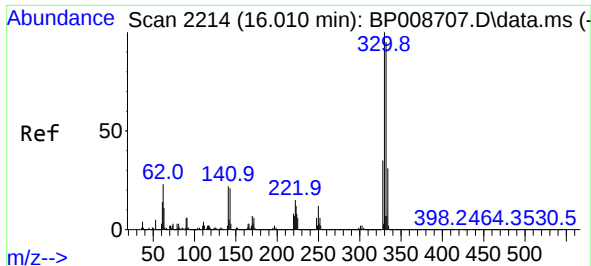
Reviewed By :Christian Giraldo 01/14/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

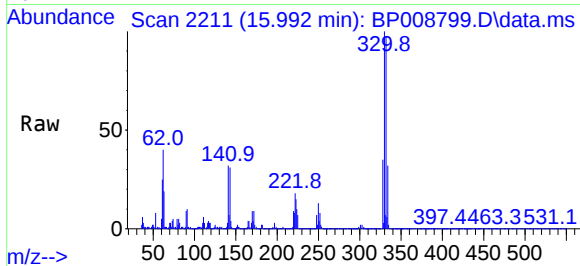
Tgt Ion:164 Resp: 1159336
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 45.5 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 21.453 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

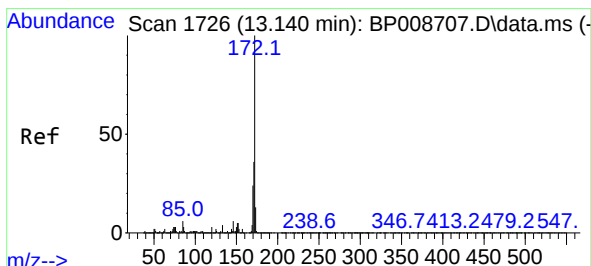
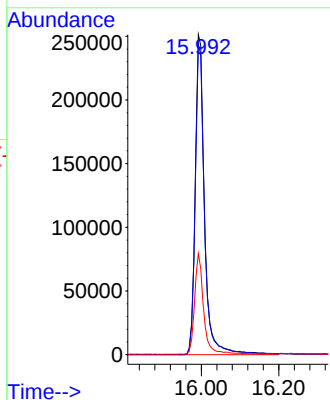
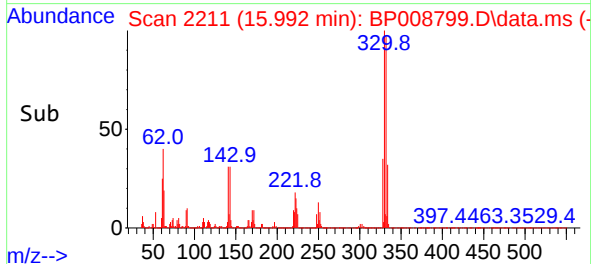
Instrument :
BNA_P
ClientSampleId :
TP-4D



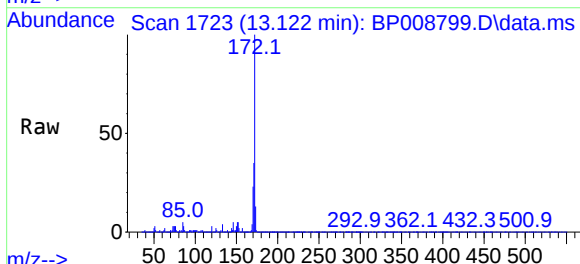
Tgt Ion:330 Resp: 41960
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 30.2 21.3 31.9

Manual Integrations
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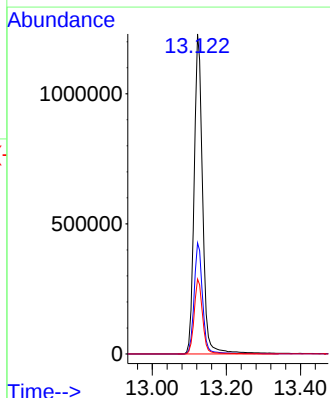
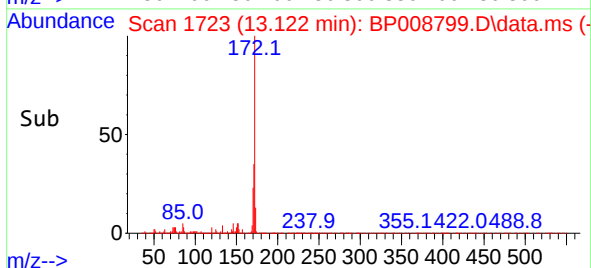
Reviewed By :Christian Giraldo 01/14/2022
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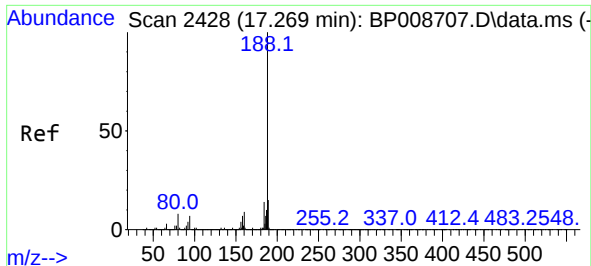


#45
2-Fluorobiphenyl
Concen: 23.851 ng
RT: 13.122 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10



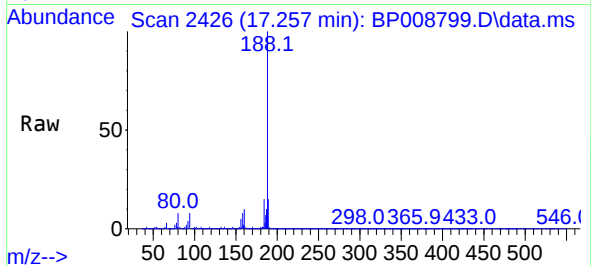
Tgt Ion:172 Resp: 1966839
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.4 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

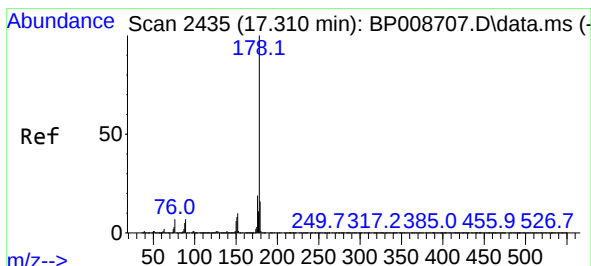
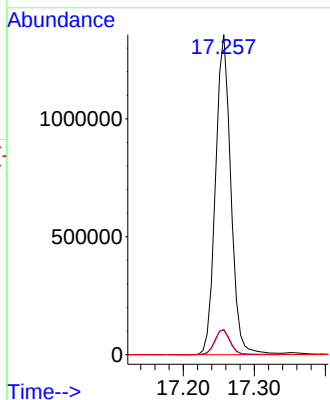
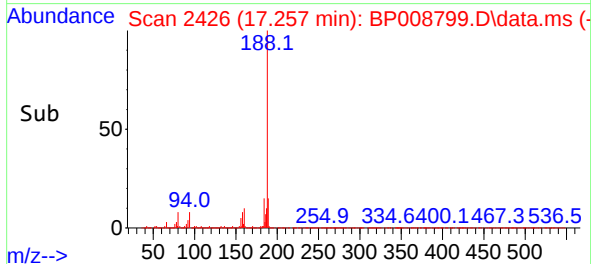
Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:188 Resp: 202530
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.9 7.2 10.8

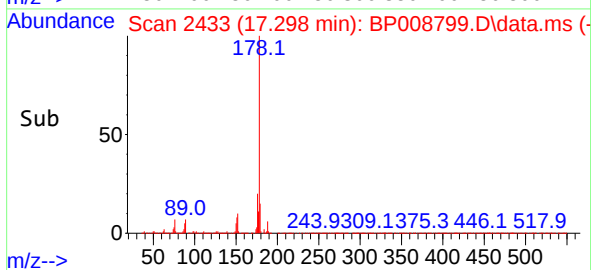
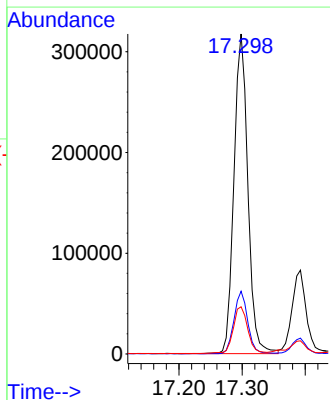
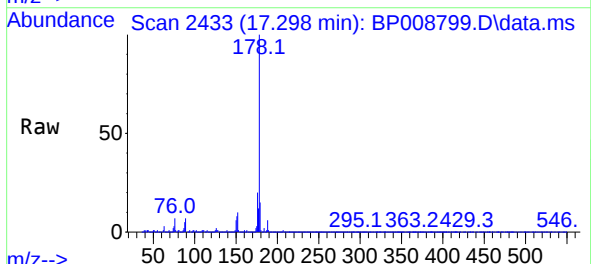
Manual Integrations
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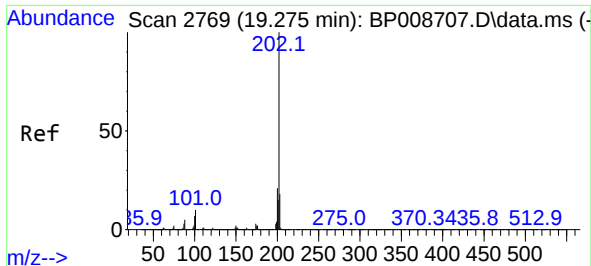
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#71
Phenanthrene
Concen: 4.326 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

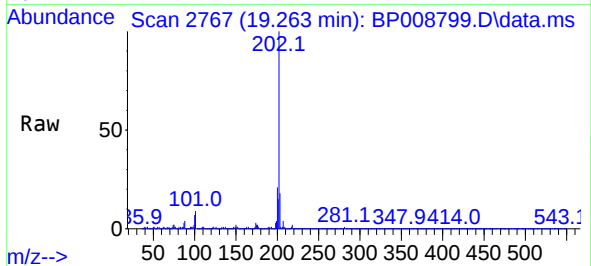
Tgt Ion:178 Resp: 486846
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.8 13.0 19.4





#75
Fluoranthene
Concen: 5.835 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

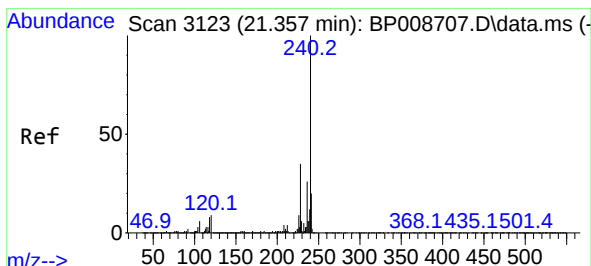
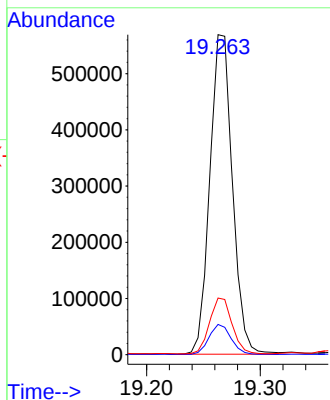
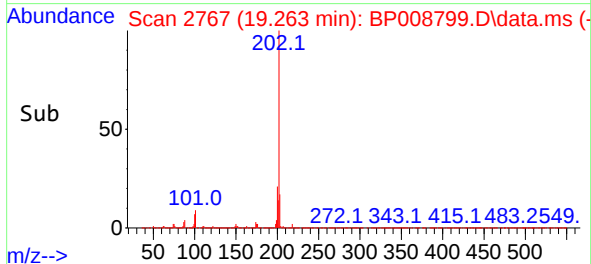
Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:202 Resp: 78619
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.7 0.0 38.9

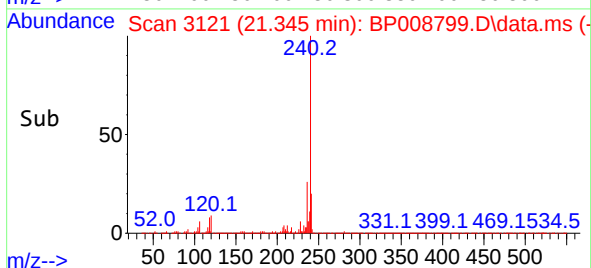
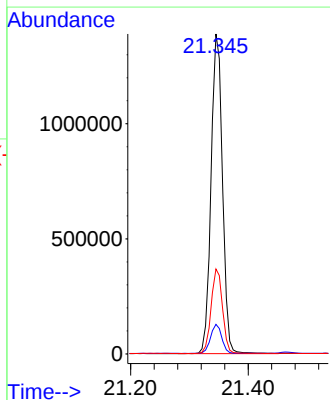
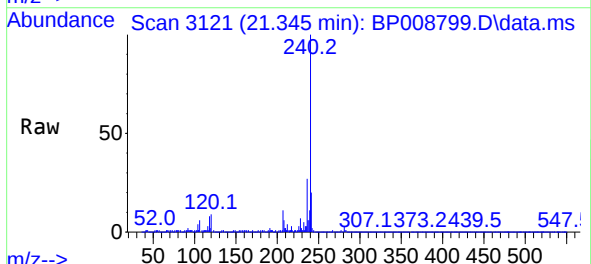
Manual Integrations
APPROVED

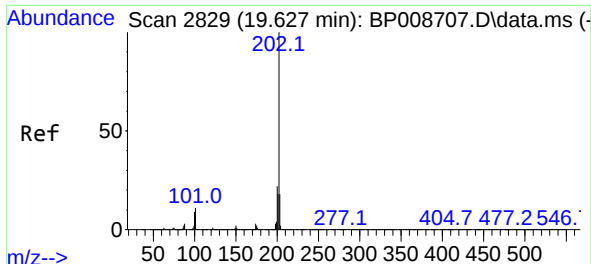
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

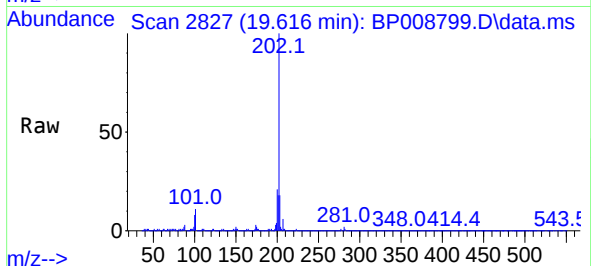
Tgt Ion:240 Resp: 1871850
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.6 21.2 31.8





#78
Pyrene
Concen: 6.152 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

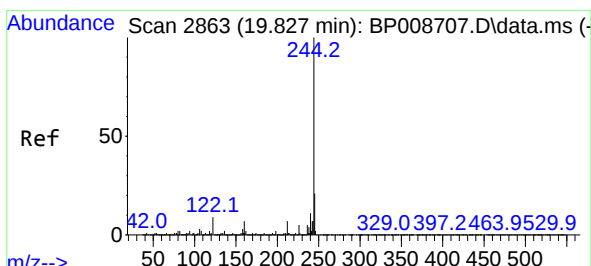
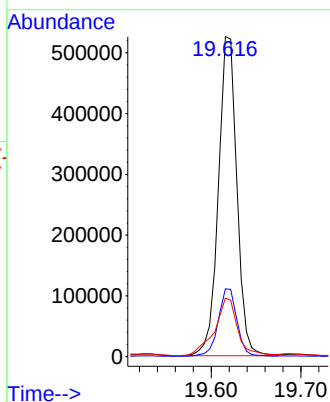
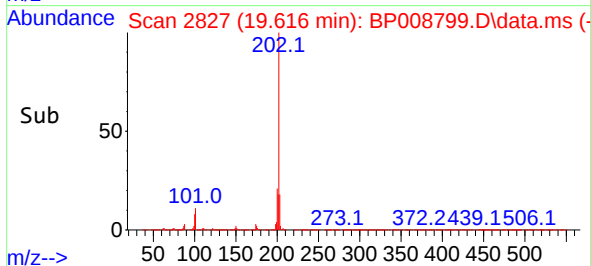
Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:202 Resp: 752948
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.3 15.0 22.6

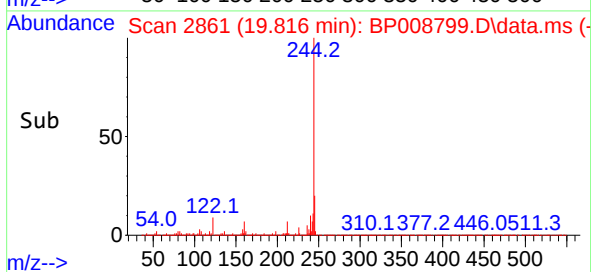
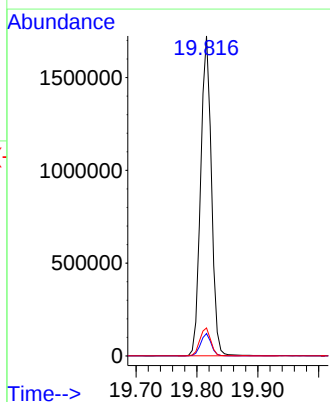
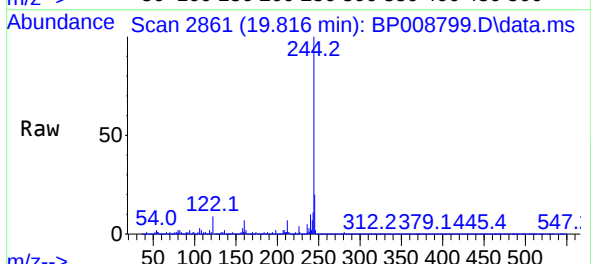
Manual Integrations
APPROVED

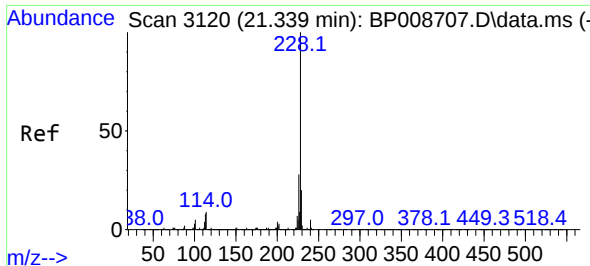
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#79
Terphenyl-d14
Concen: 22.989 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

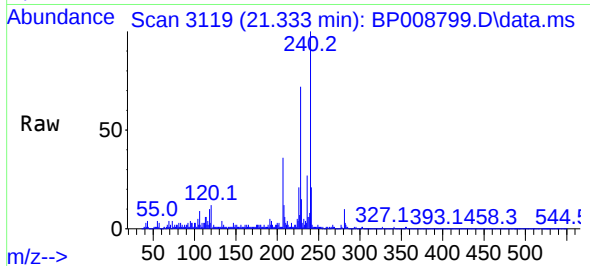
Tgt Ion:244 Resp: 2111670
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.8 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 3.494 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

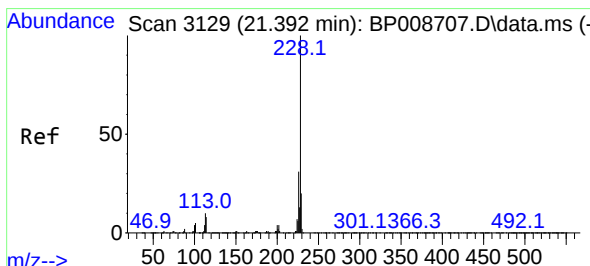
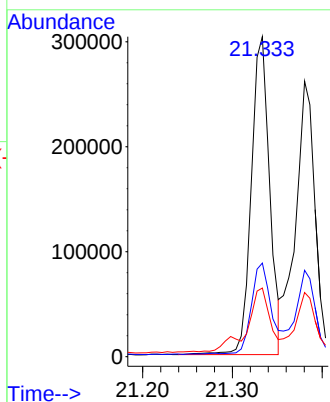
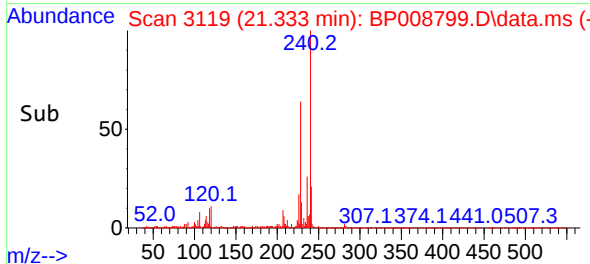
Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:228 Resp: 429015
Ion Ratio Lower Upper
228 100
226 29.2 23.3 34.9
229 21.5 17.0 25.6

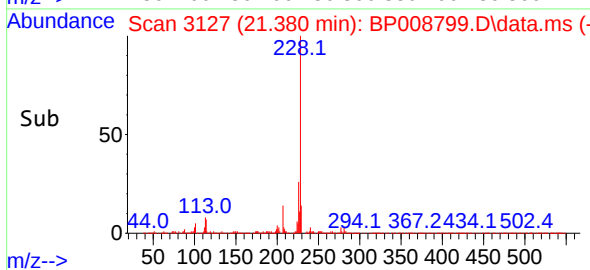
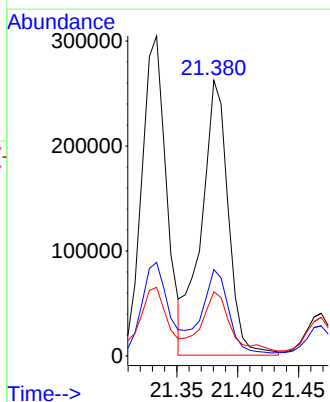
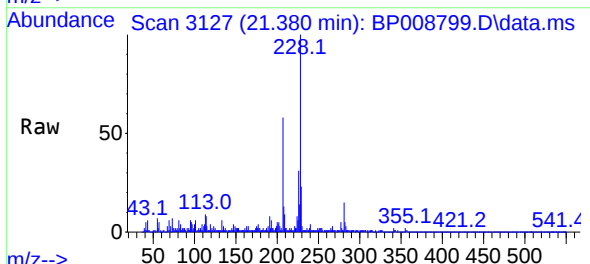
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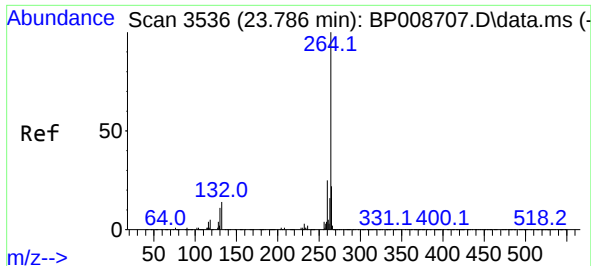
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#83
Chrysene
Concen: 3.412 ng m
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

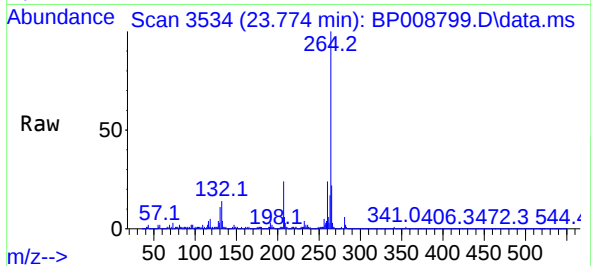
Tgt Ion:228 Resp: 404189
Ion Ratio Lower Upper
228 100
226 31.4 26.0 39.0
229 23.3 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

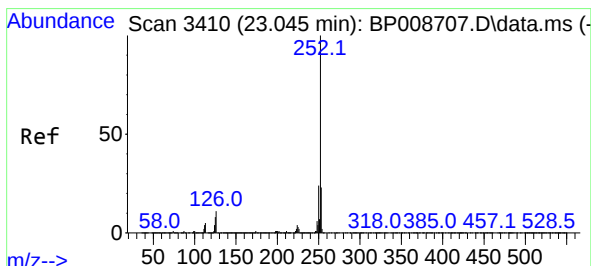
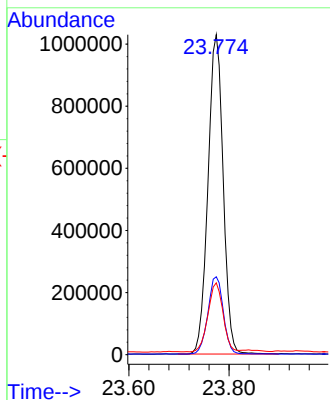
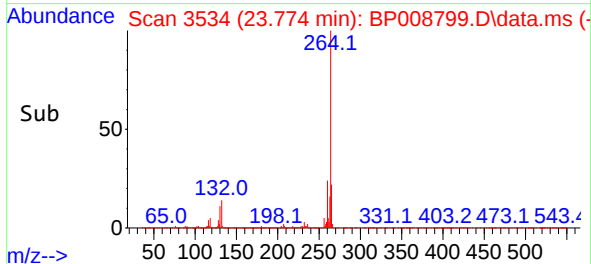
Instrument :
BNA_P
ClientSampleId :
TP-4D



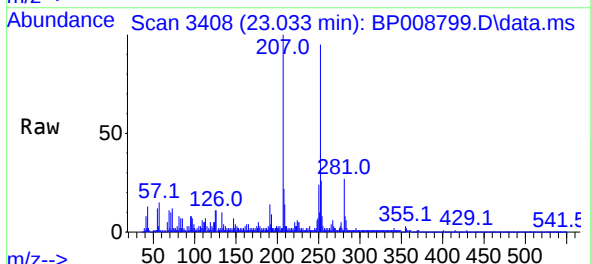
Tgt Ion:264 Resp: 2161579
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.5 17.1 25.7

Manual Integrations
APPROVED

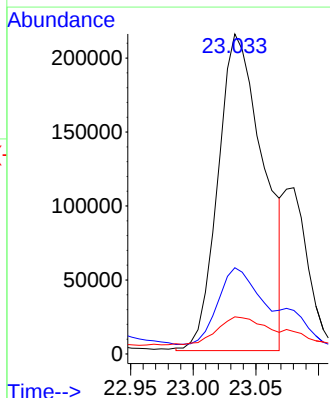
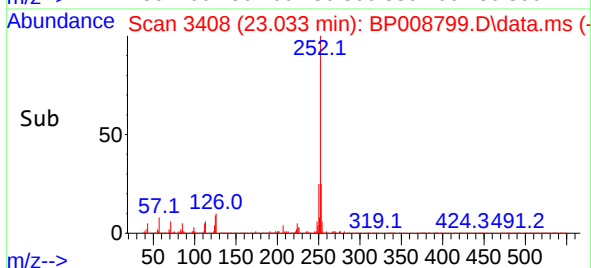
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

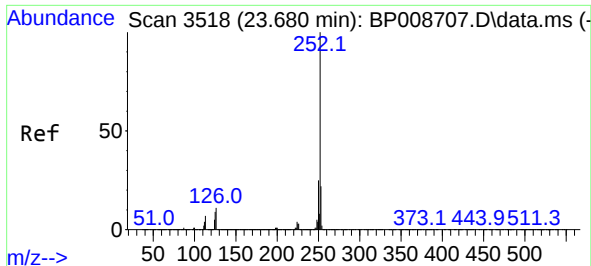


#88
Benzo(b)fluoranthene
Concen: 3.853 ng m
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10



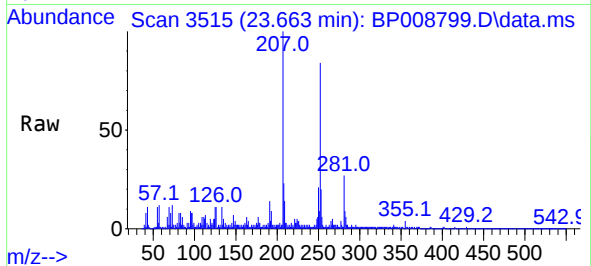
Tgt Ion:252 Resp: 544166
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0
125 11.6 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 2.822 ng
RT: 23.663 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Instrument :
BNA_P
ClientSampleId :
TP-4D



Tgt Ion:252 Resp: 385227
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.6 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

