

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009183.D
 Acq On : 16 Feb 2022 17:44
 Operator : CG/JU
 Sample : N1552-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

Quant Time: Feb 17 01:59:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	167193	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	578796	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	377011	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	802229	20.000	ng	0.00
76) Chrysene-d12	21.286	240	871756	20.000	ng	0.00
86) Perylene-d12	23.674	264	999199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	883882	94.303	ng	0.00
7) Phenol-d6	6.975	99	1110722	89.935	ng	0.00
23) Nitrobenzene-d5	8.946	82	704133	68.606	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	536327	106.546	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1857536	68.973	ng	0.00
79) Terphenyl-d14	19.751	244	3051511	62.949	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.233	178	154543	3.558	ng	100
75) Fluoranthene	19.204	202	407872	8.378	ng	97
78) Pyrene	19.557	202	363425	5.860	ng	97
81) Benzo(a)anthracene	21.268	228	223975	3.987	ng	98
83) Chrysene	21.321	228	202818	3.745	ng	97
88) Benzo(b)fluoranthene	22.951	252	294709	4.791	ng	# 97
90) Benzo(a)pyrene	23.568	252	208619	4.068	ng	# 96
92) Benzo(g,h,i)perylene	26.939	276	143375	2.360	ng	97

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

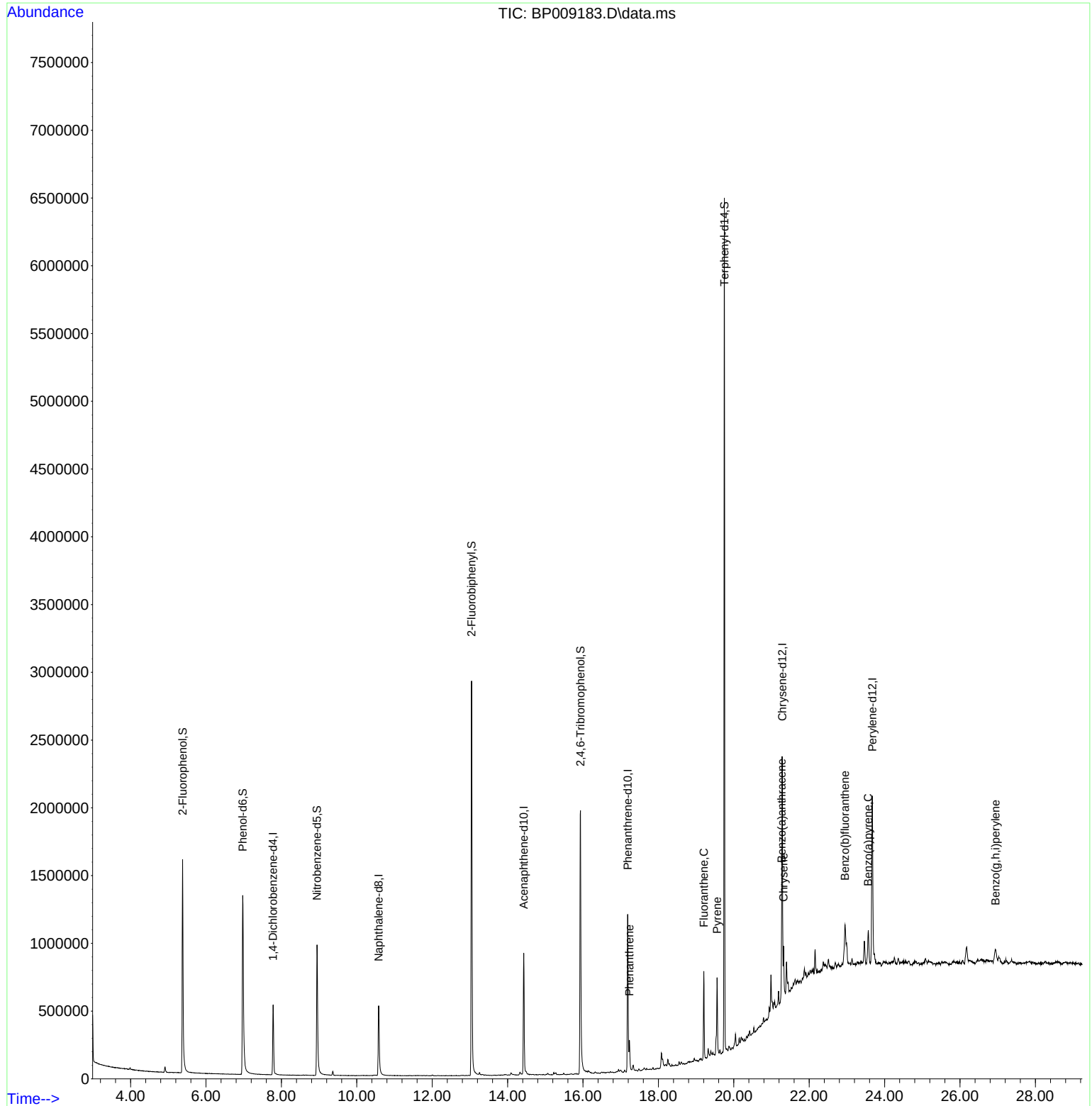
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009183.D
Acq On : 16 Feb 2022 17:44
Operator : CG/JU
Sample : N1552-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

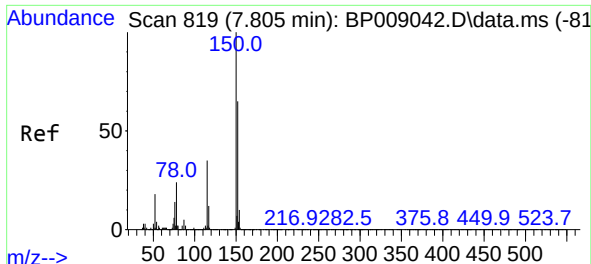
Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Time: Feb 17 01:59:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

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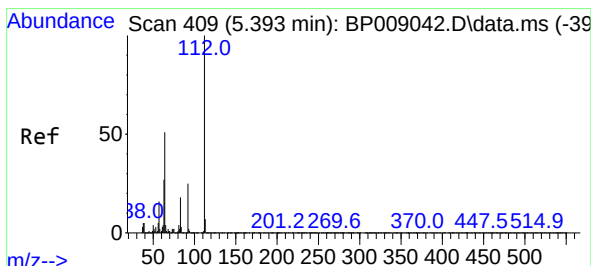
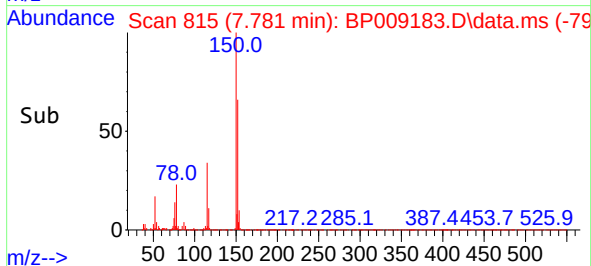
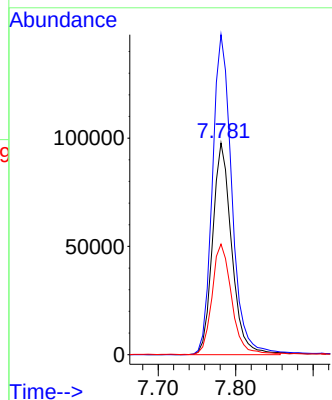
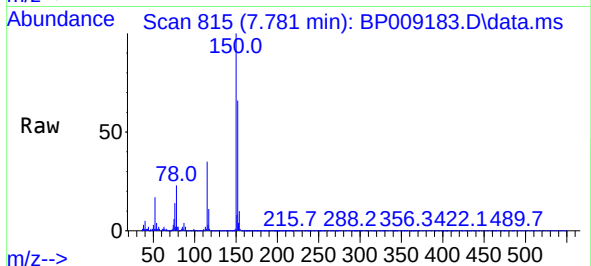
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 16719
Ion Ratio Lower Upper
152 100
150 151.2 127.0 190.6
115 52.2 43.7 65.5

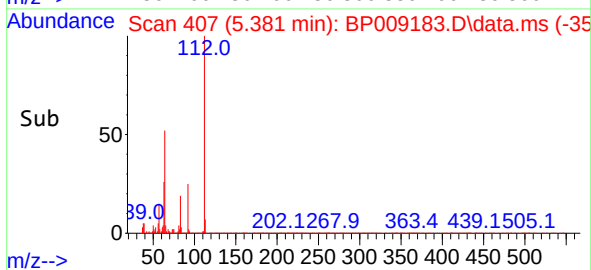
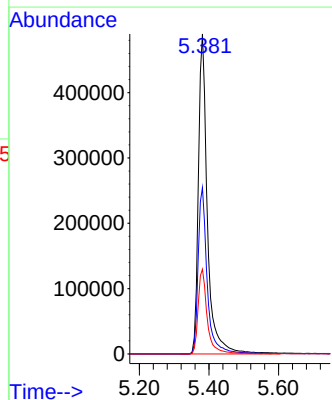
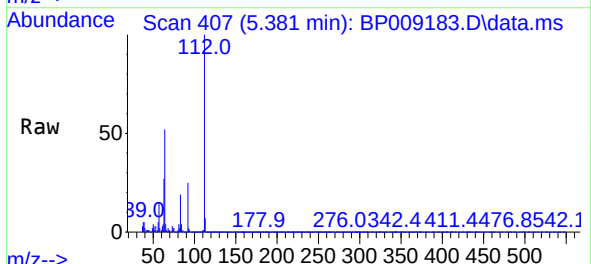
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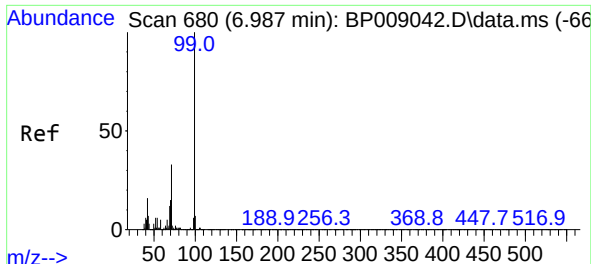
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#5
2-Fluorophenol
Concen: 94.303 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:112 Resp: 883882
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 26.5 20.0 30.0





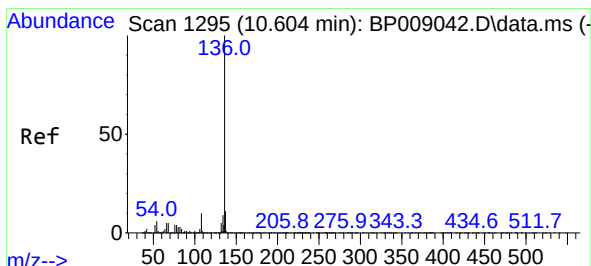
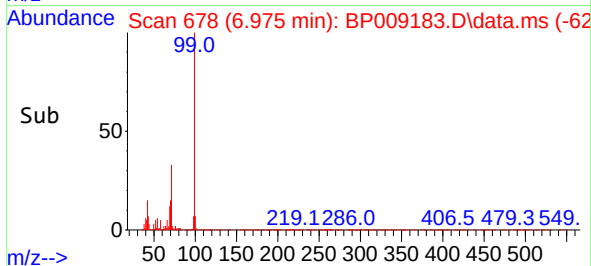
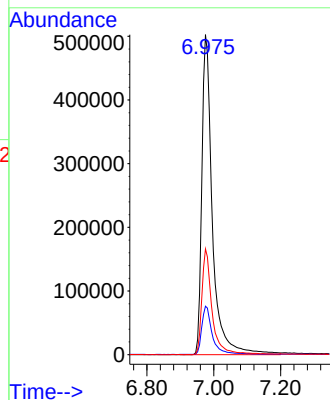
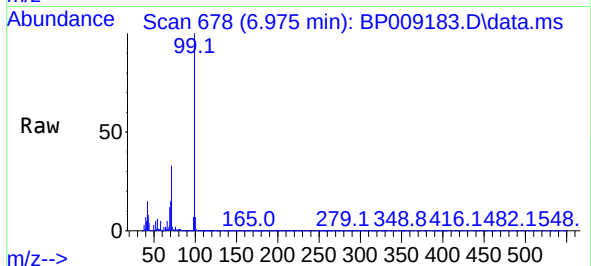
#7
Phenol-d6
Concen: 89.935 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 111072
Ion Ratio Lower Upper
99 100
42 15.2 10.8 16.2
71 33.1 23.8 35.6

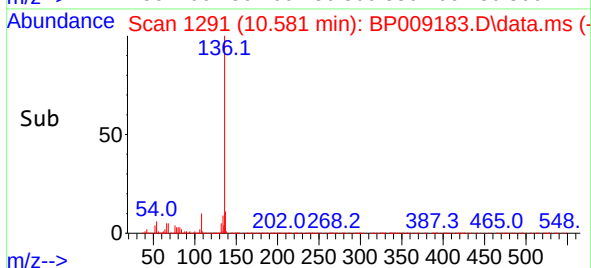
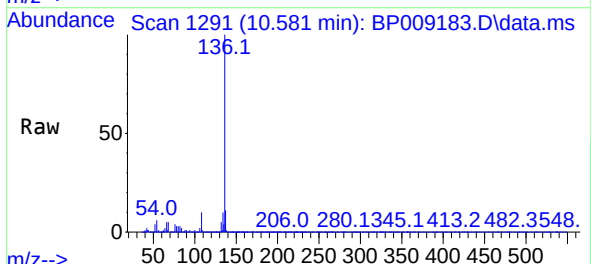
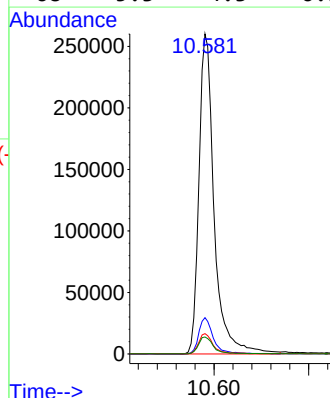
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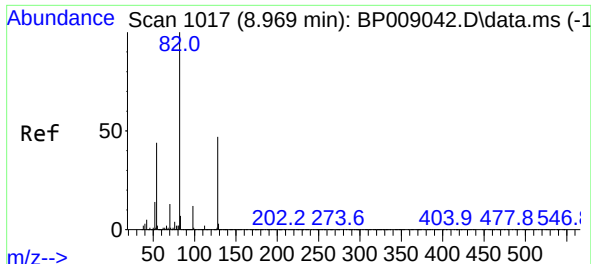
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:136 Resp: 578796
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.4 4.9 7.3
68 5.3 4.3 6.5





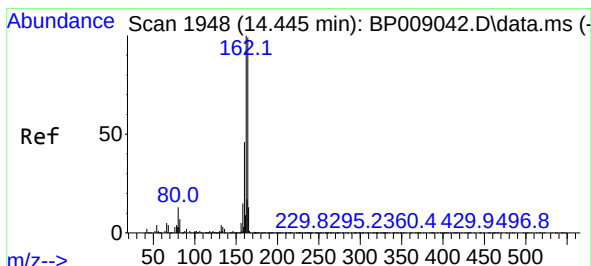
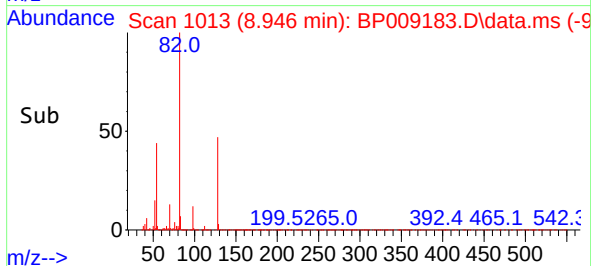
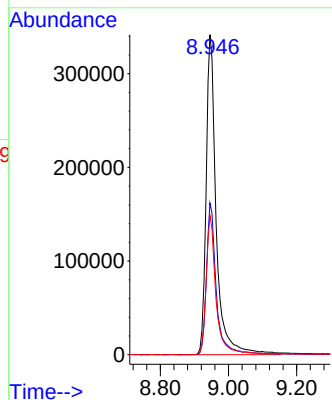
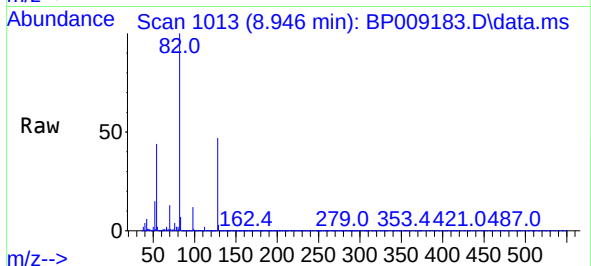
#23
Nitrobenzene-d5
Concen: 68.606 ng
RT: 8.946 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 70413
Ion Ratio Lower Upper
82 100
128 47.4 39.4 59.2
54 43.5 32.6 48.8

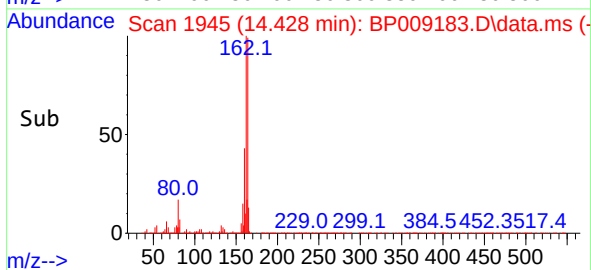
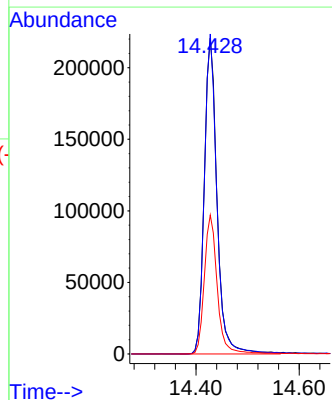
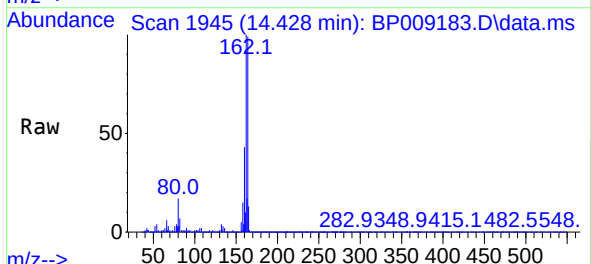
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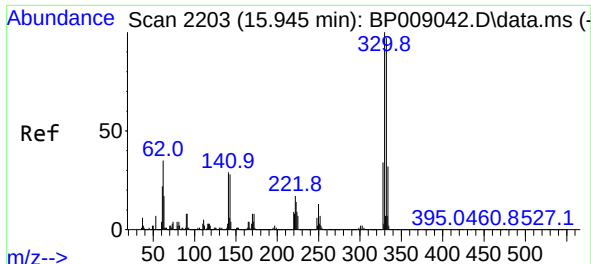
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:164 Resp: 377011
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 44.0 35.5 53.3





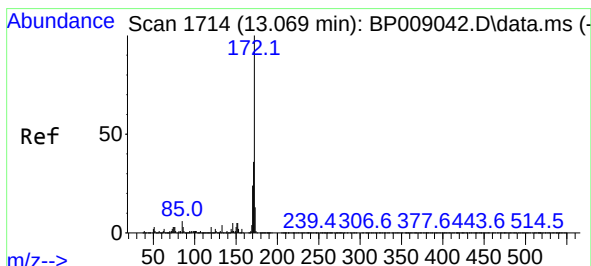
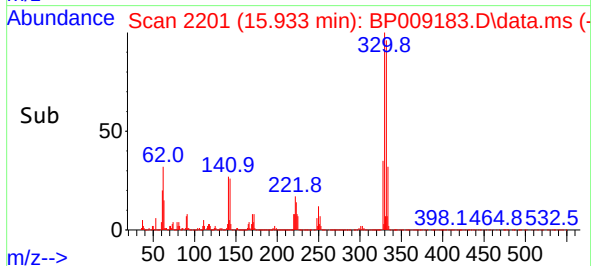
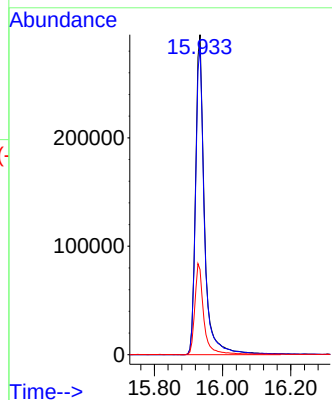
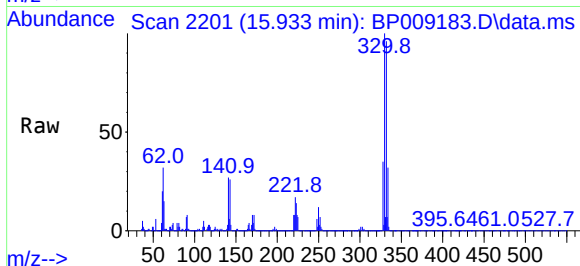
#42
2,4,6-Tribromophenol
Concen: 106.546 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 53632
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 28.4 21.3 31.9

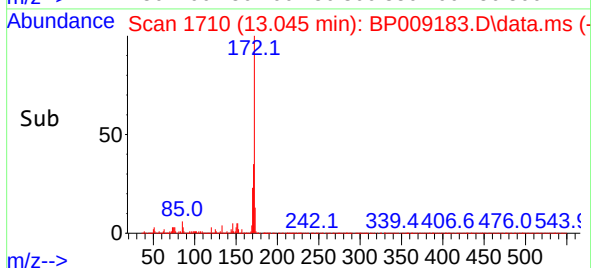
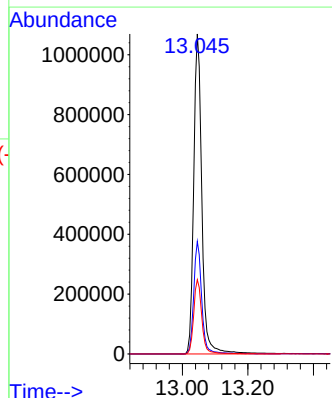
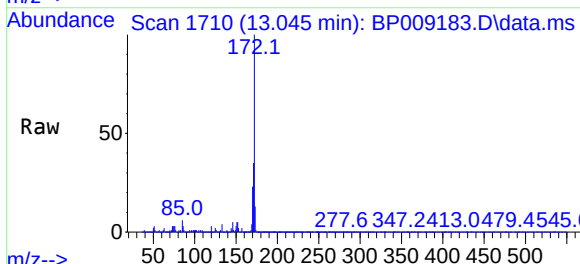
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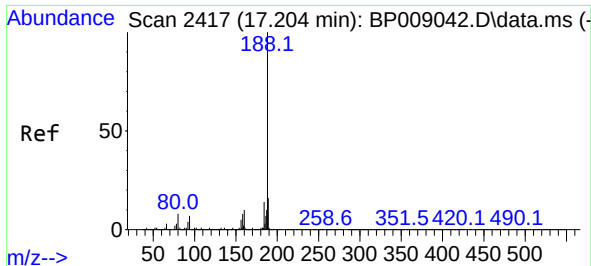
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#45
2-Fluorobiphenyl
Concen: 68.973 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

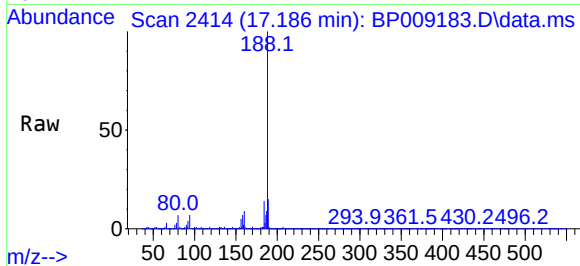
Tgt Ion:172 Resp: 1857536
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.2 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

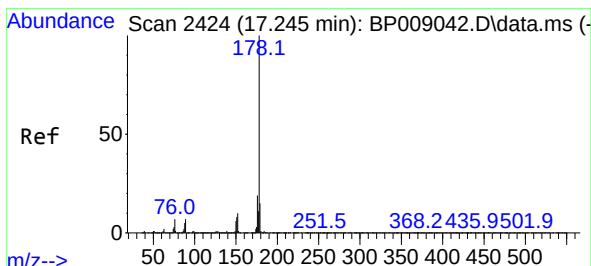
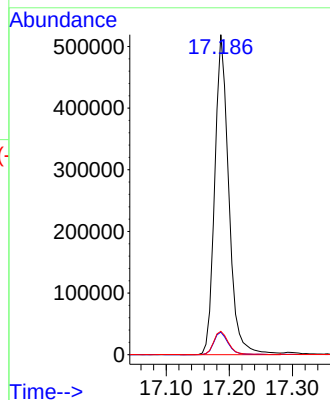
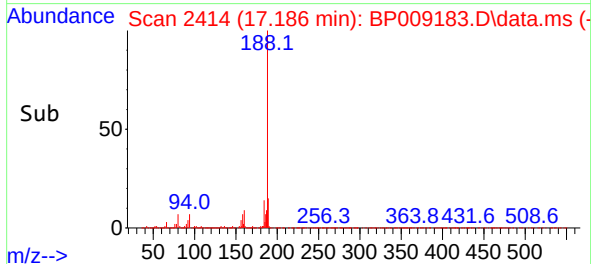
Instrument :
BNA_P
ClientSampleId :
TP-2



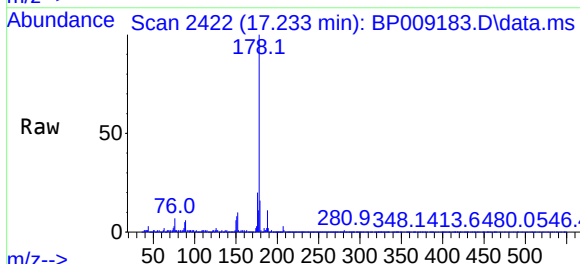
Tgt Ion:188 Resp: 802229
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.3 7.2 10.8

Manual Integrations
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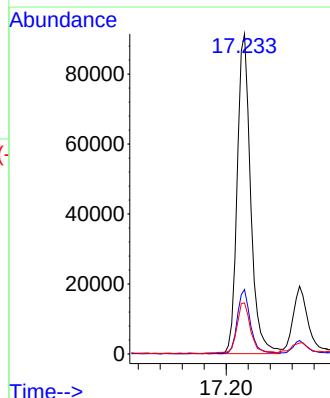
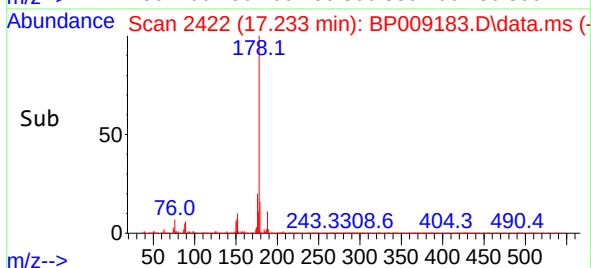
Reviewed By :Christian Giraldo 02/17/2022
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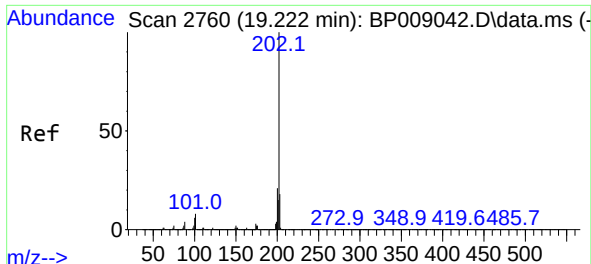


#71
Phenanthrene
Concen: 3.558 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44



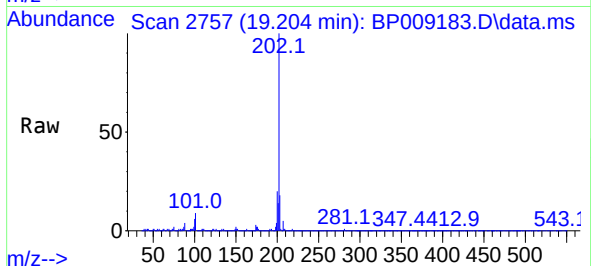
Tgt Ion:178 Resp: 154543
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.9 13.0 19.4





#75
Fluoranthene
Concen: 8.378 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

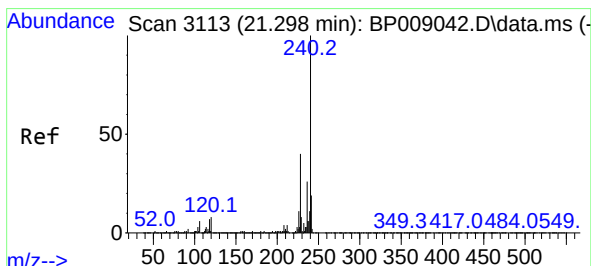
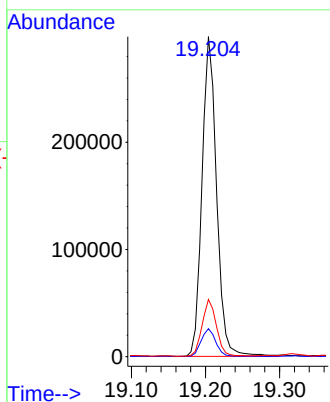
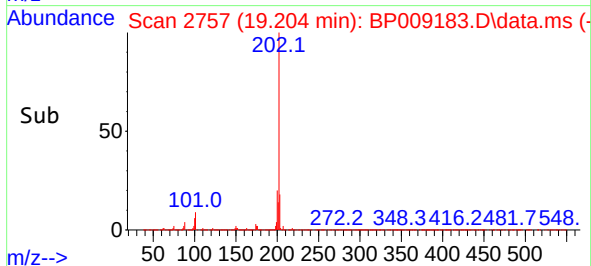
Instrument :
BNA_P
ClientSampleId :
TP-2



Tgt Ion:202 Resp: 407872
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 17.9 0.0 38.9

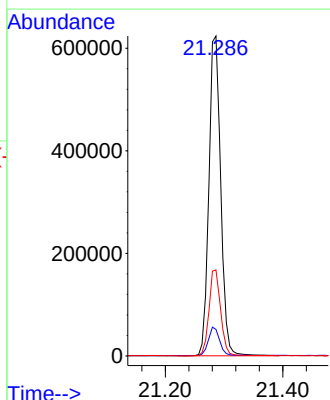
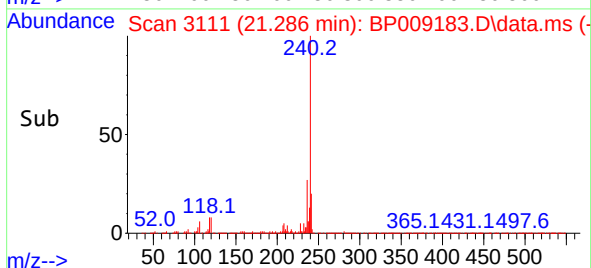
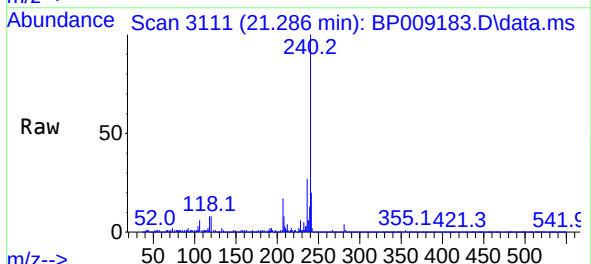
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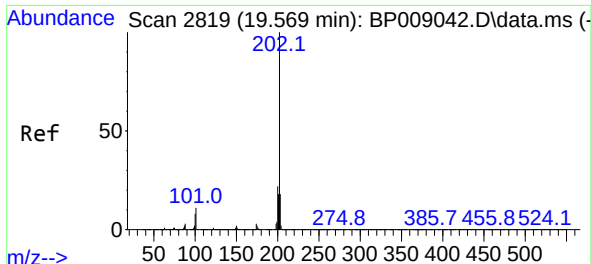
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:240 Resp: 871756
Ion Ratio Lower Upper
240 100
120 8.3 7.7 11.5
236 26.9 21.2 31.8





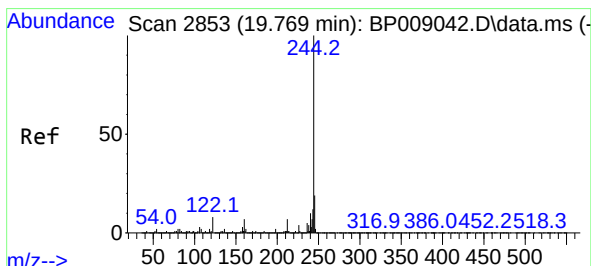
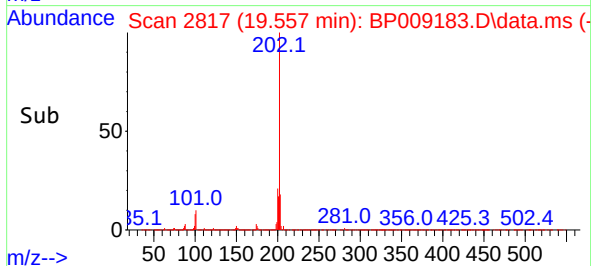
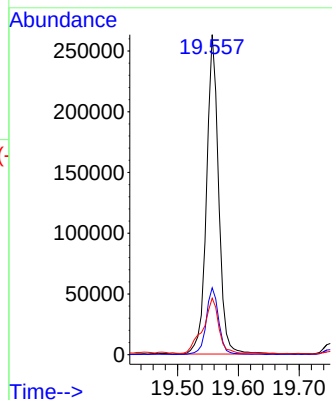
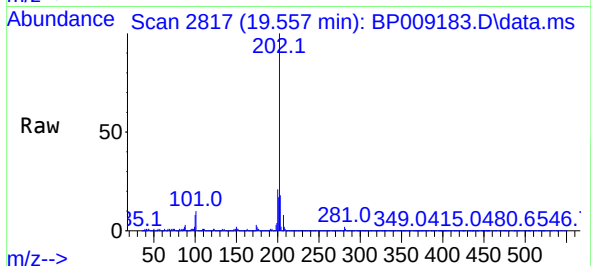
#78
Pyrene
Concen: 5.860 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:202 Resp: 36342
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.7 15.0 22.6

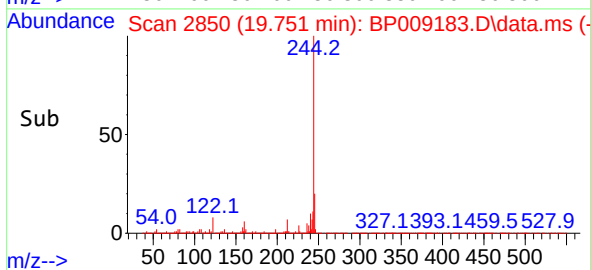
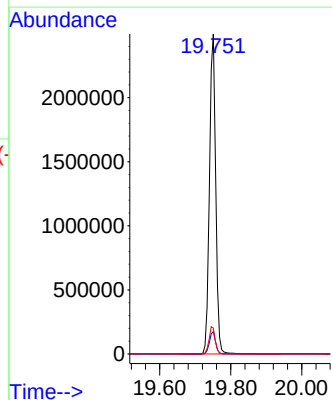
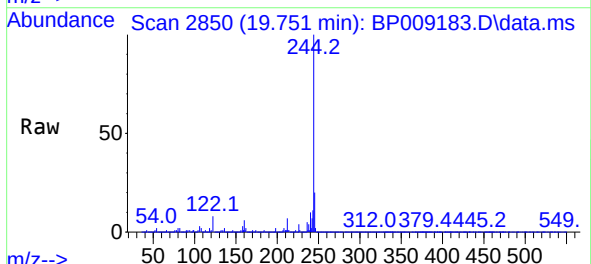
Manual Integrations
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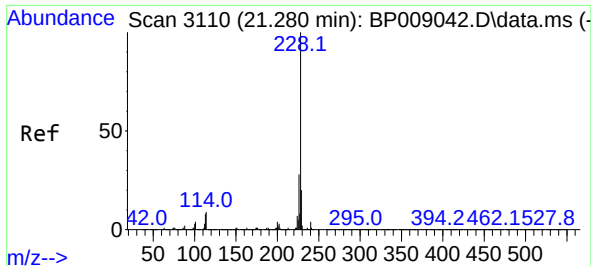
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#79
Terphenyl-d14
Concen: 62.949 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

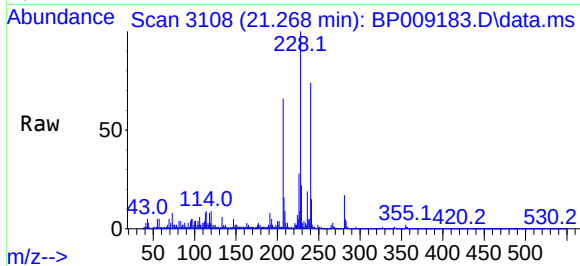
Tgt Ion:244 Resp: 3051511
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.1 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 3.987 ng
RT: 21.268 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

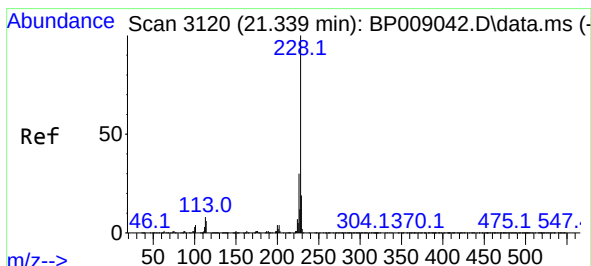
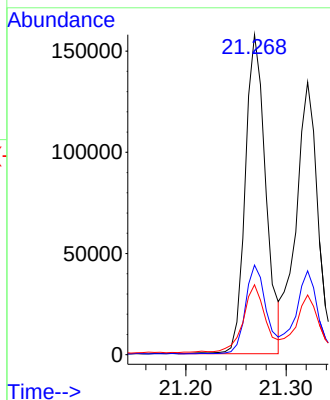
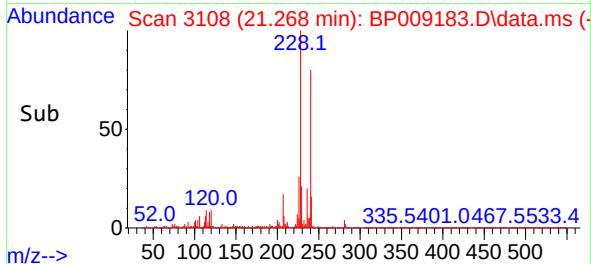
Instrument :
BNA_P
ClientSampleId :
TP-2



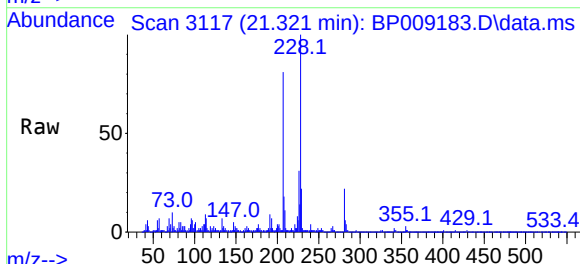
Tgt Ion:228 Resp: 223975
Ion Ratio Lower Upper
228 100
226 28.0 23.3 34.9
229 21.9 17.0 25.6

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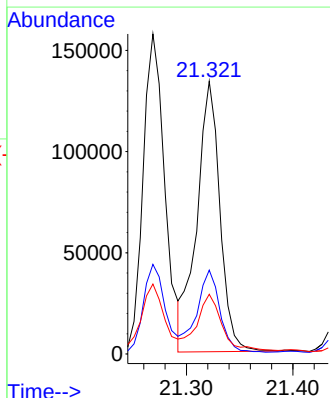
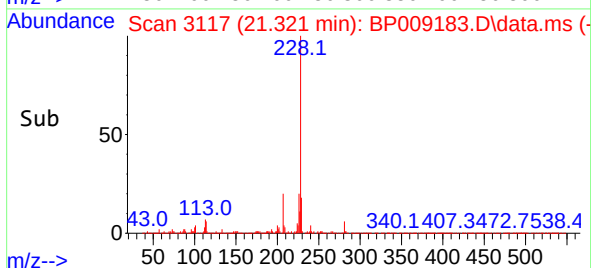
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

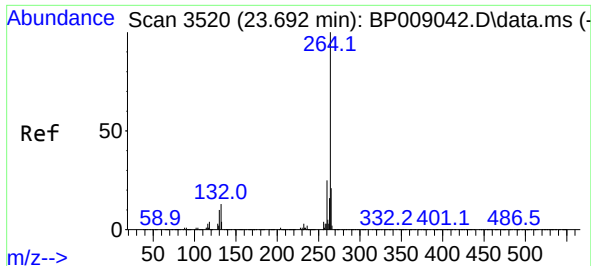


#83
Chrysene
Concen: 3.745 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44



Tgt Ion:228 Resp: 202818
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 21.9 16.9 25.3





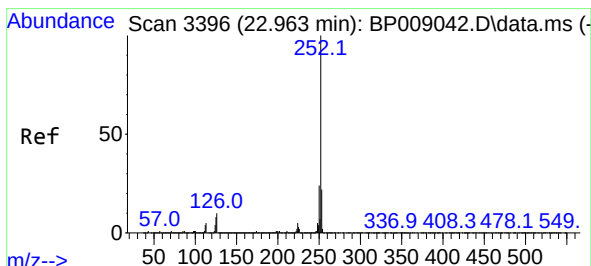
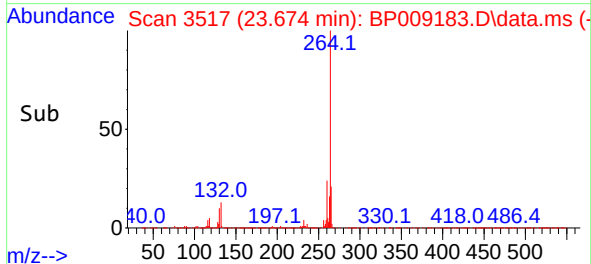
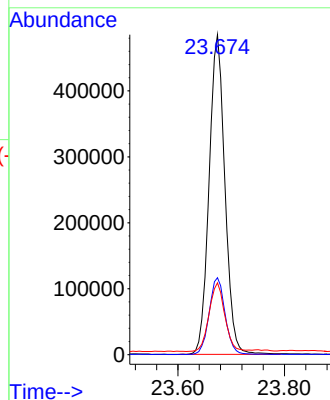
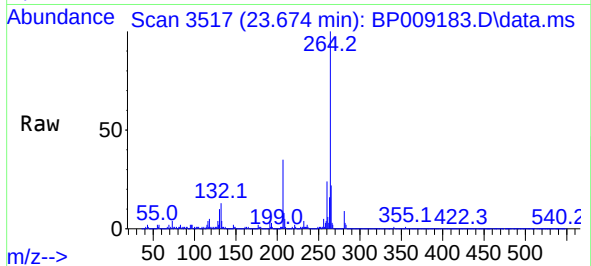
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 999199
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.5 17.1 25.7

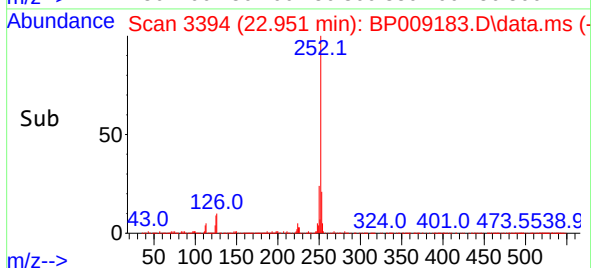
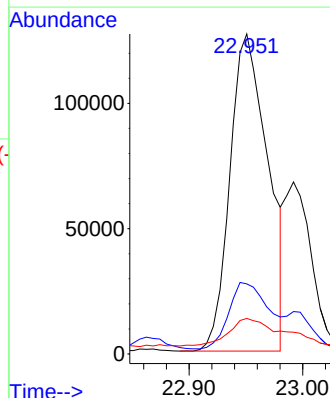
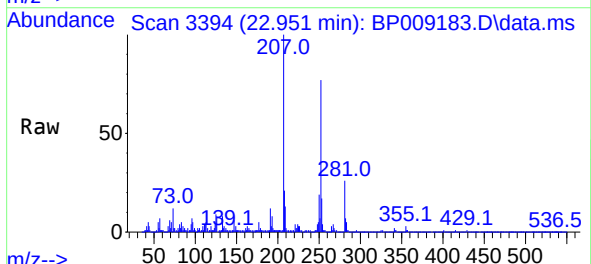
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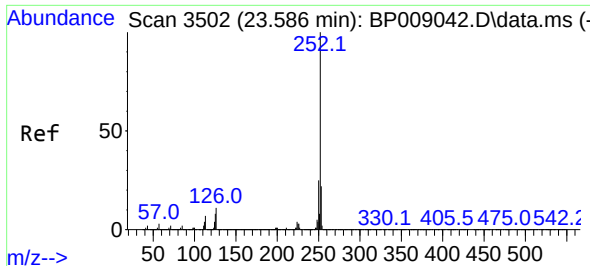
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#88
Benzo(b)fluoranthene
Concen: 4.791 ng
RT: 22.951 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

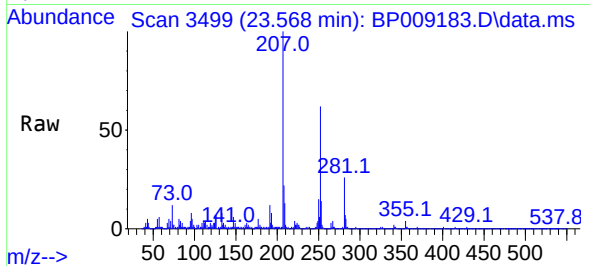
Tgt Ion:252 Resp: 294709
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.1 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 4.068 ng
RT: 23.568 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

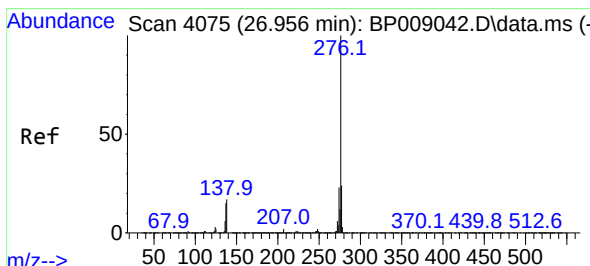
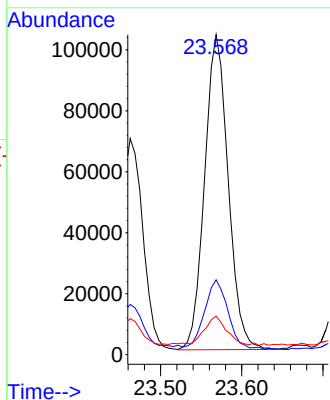
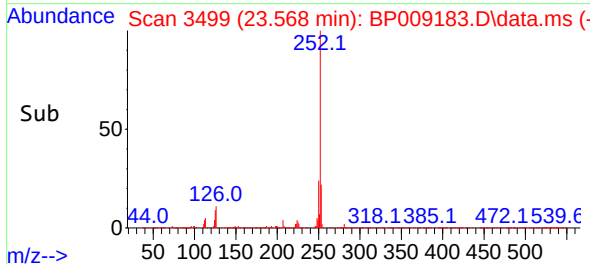
Instrument :
BNA_P
ClientSampleId :
TP-2



Tgt Ion:252 Resp: 208619
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 12.1 7.8 11.6

Manual Integrations
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Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#92
Benzo(g,h,i)perylene
Concen: 2.360 ng
RT: 26.939 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BP009183.D
Acq: 16 Feb 2022 17:44

Tgt Ion:276 Resp: 143375
Ion Ratio Lower Upper
276 100
277 26.0 19.2 28.8
138 18.9 15.0 22.4

