

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
 Data File : BP008701.D
 Acq On : 05 Jan 2022 21:24
 Operator : CG/JU
 Sample : N1016-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E3

Manual Integrations
 APPROVED

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

Quant Time: Jan 06 03:04:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	676493	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2363009	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1327052	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	2620578	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2828531	20.000	ng	-0.01
86) Perylene-d12	23.780	264	3161762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	333250	8.992	ng	0.00
7) Phenol-d6	7.057	99	360271	6.984	ng	0.00
23) Nitrobenzene-d5	9.040	82	217431	5.474	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	143621	7.999	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	552303	6.030	ng	-0.02
79) Terphenyl-d14	19.822	244	810400	5.850	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.310	178	1050223	7.433	ng	98
72) Anthracene	17.404	178	287946	2.092	ng	98
75) Fluoranthene	19.274	202	2605243	16.031	ng	97
78) Pyrene	19.627	202	2778252	15.098	ng	98
81) Benzo(a)anthracene	21.339	228	1701553	9.273	ng	99
83) Chrysene	21.392	228	1501113	8.749	ng	96
87) Indeno(1,2,3-cd)pyrene	26.309	276	1116149	5.255	ng	95
88) Benzo(b)fluoranthene	23.045	252	2348550	11.550	ng	# 96
89) Benzo(k)fluoranthene	23.086	252	746527m	3.693	ng	
90) Benzo(a)pyrene	23.674	252	1704756	10.400	ng	97
92) Benzo(g,h,i)perylene	27.092	276	1060665	6.331	ng	95

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

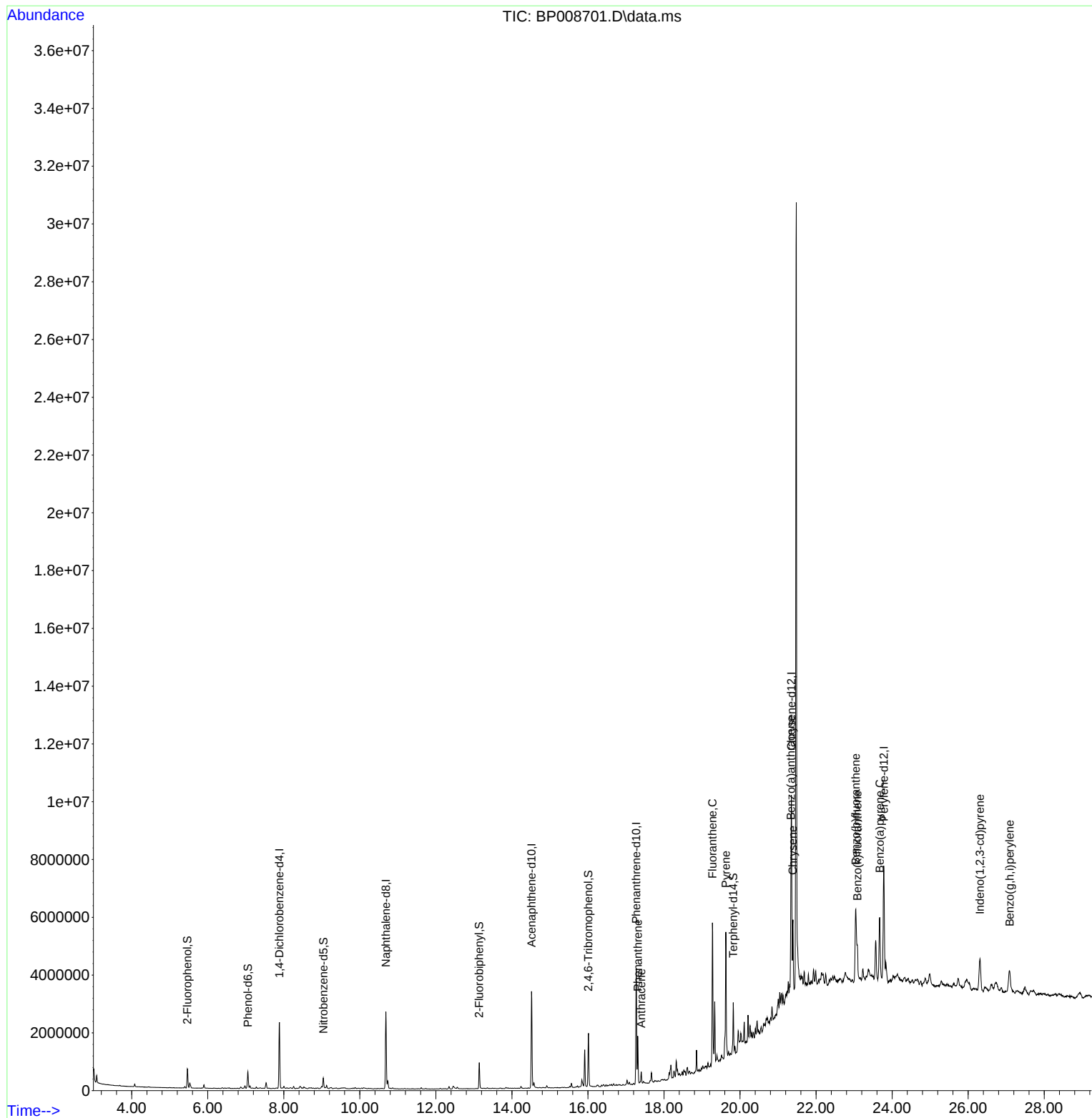
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008701.D
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ALS Vial : 19 Sample Multiplier: 1

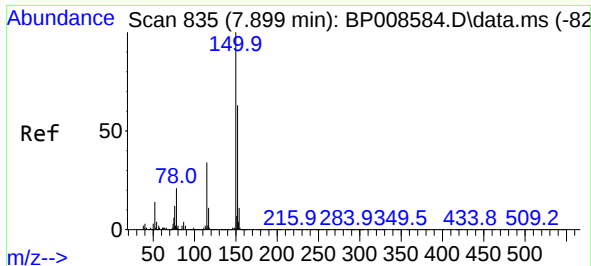
Instrument :
BNA_P
ClientSampleId :
E3

Quant Time: Jan 06 03:04:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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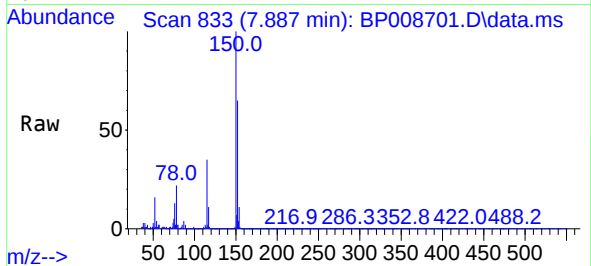
Reviewed By : Christian Giraldo 01/06/2022
Supervised By : Jagrut Upadhyay 01/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

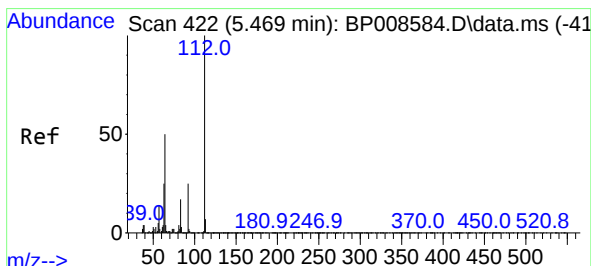
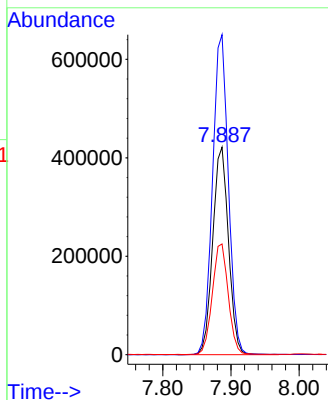
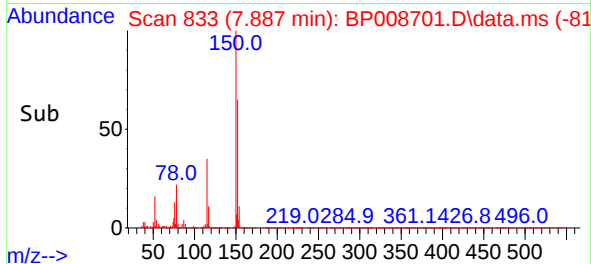
Instrument :
BNA_P
ClientSampleId :
E3



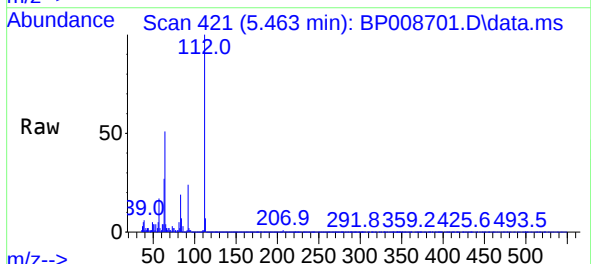
Tgt Ion:152 Resp: 67649
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 53.3 43.7 65.5

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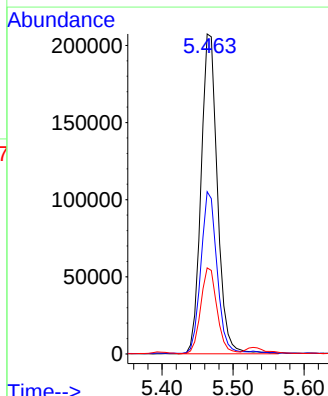
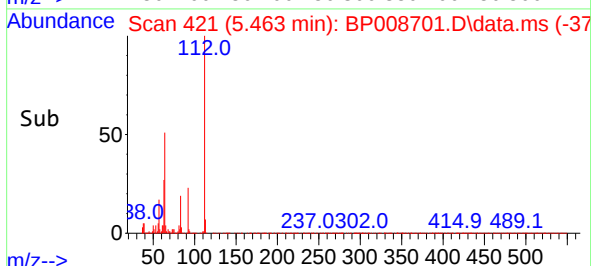
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

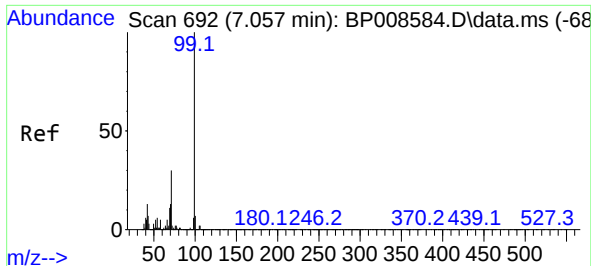


#5
2-Fluorophenol
Concen: 8.992 ng
RT: 5.463 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24



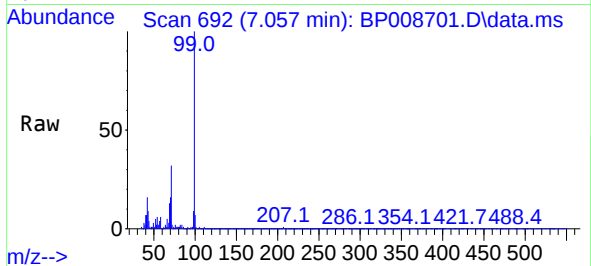
Tgt Ion:112 Resp: 333250
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.9 20.0 30.0





#7
Phenol-d6
Concen: 6.984 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

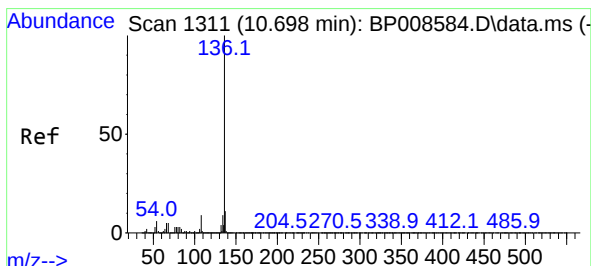
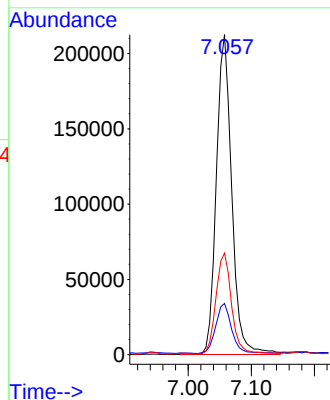
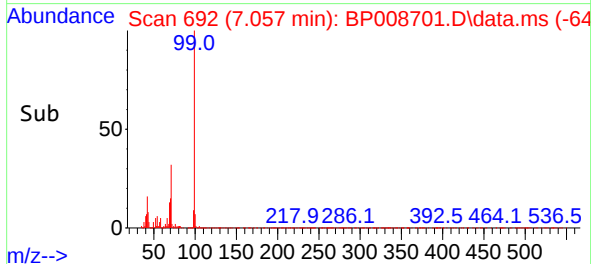
Instrument :
BNA_P
ClientSampleId :
E3



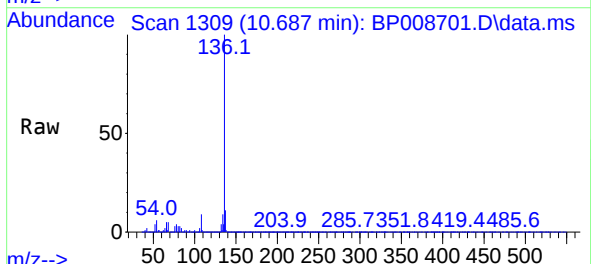
Tgt Ion: 99 Resp: 36027
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 31.7 23.8 35.6

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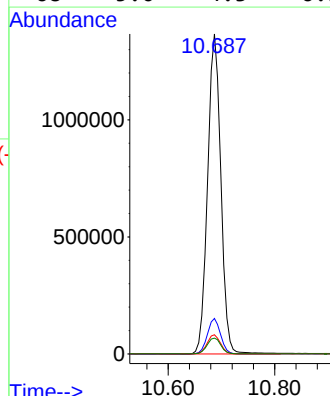
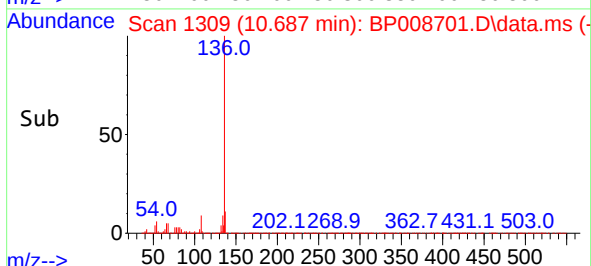
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

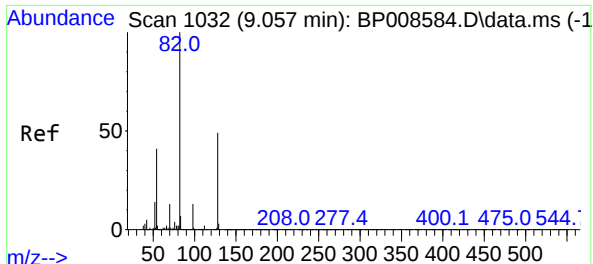


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24



Tgt Ion:136 Resp: 2363009
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.0 4.9 7.3
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 5.474 ng

RT: 9.040 min Scan# 1032

Delta R.T. -0.018 min

Lab File: BP008701.D

Acq: 05 Jan 2022 21:24

Instrument :

BNA_P

ClientSampleId :

E3

Tgt Ion: 82 Resp: 21743

Ion Ratio Lower Upper

82 100

128 46.5 39.4 59.2

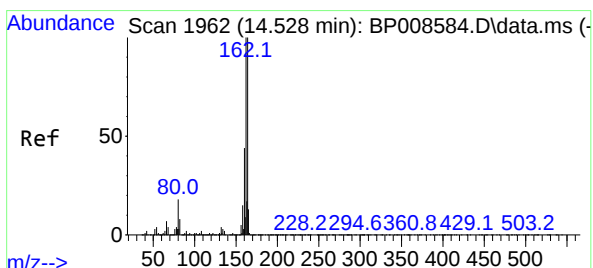
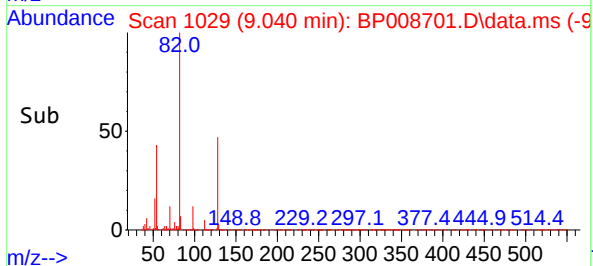
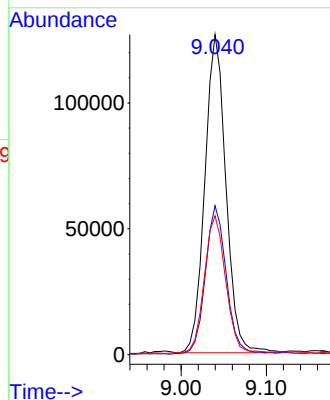
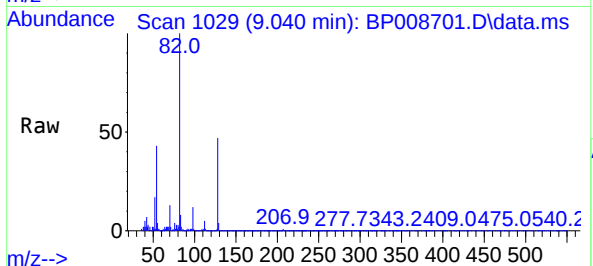
54 43.4 32.6 48.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.012 min

Lab File: BP008701.D

Acq: 05 Jan 2022 21:24

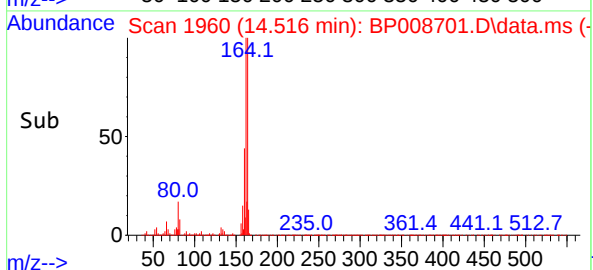
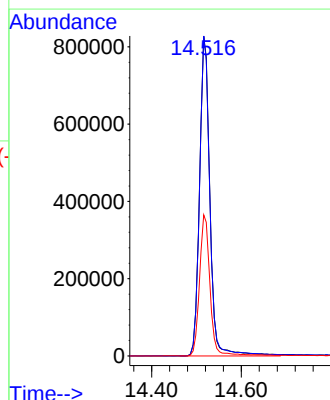
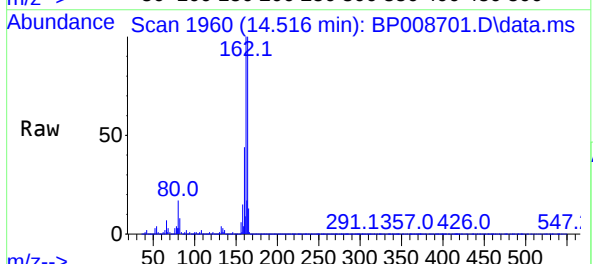
Tgt Ion:164 Resp: 1327052

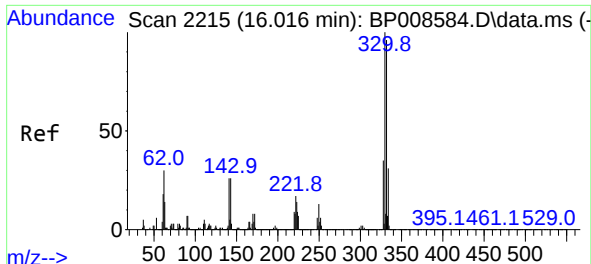
Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

160 44.1 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 7.999 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008701.D

Acq: 05 Jan 2022 21:24

Instrument :

BNA_P

ClientSampleId :

E3

Tgt Ion:330 Resp: 14362

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

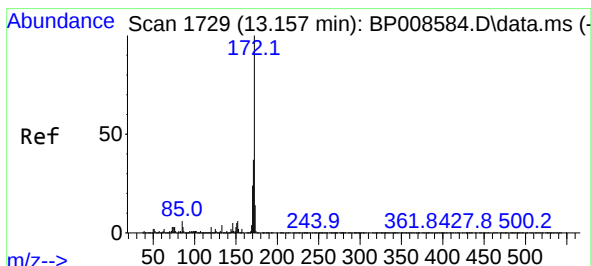
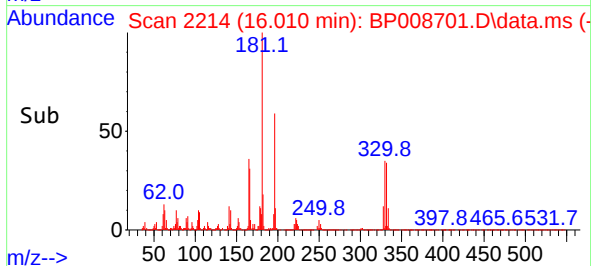
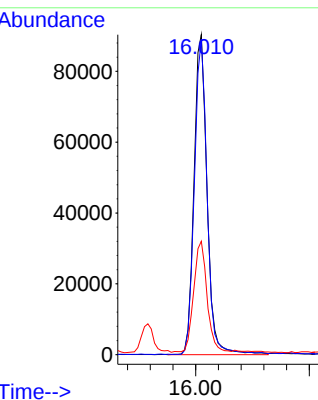
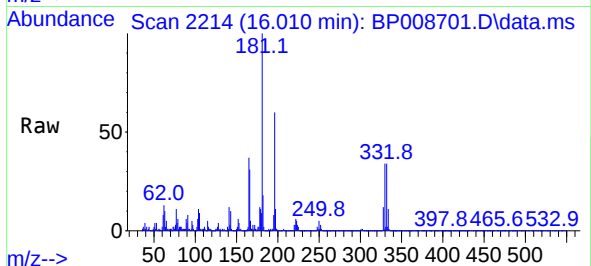
141 34.9 21.3 31.9

Manual Integrations

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#45

2-Fluorobiphenyl

Concen: 6.030 ng

RT: 13.140 min Scan# 1726

Delta R.T. -0.018 min

Lab File: BP008701.D

Acq: 05 Jan 2022 21:24

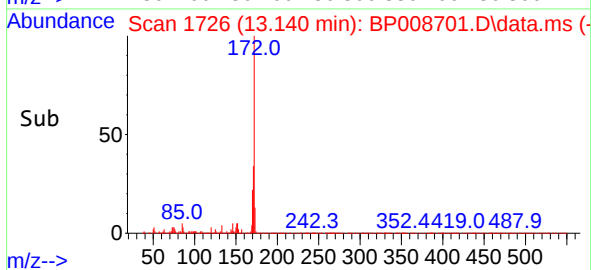
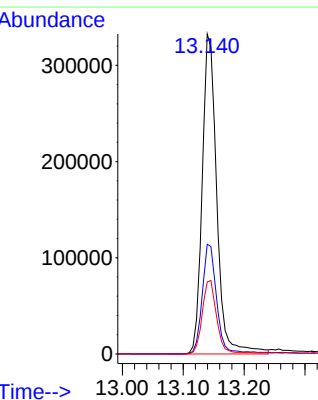
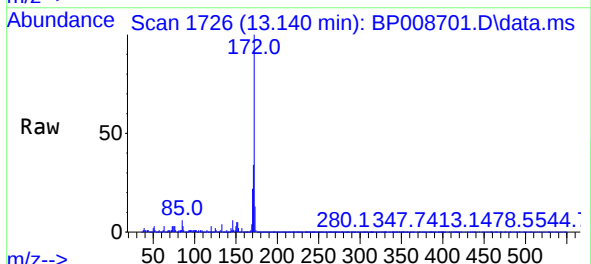
Tgt Ion:172 Resp: 552303

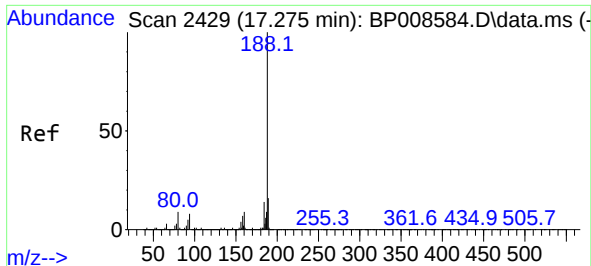
Ion Ratio Lower Upper

172 100

171 34.3 29.3 43.9

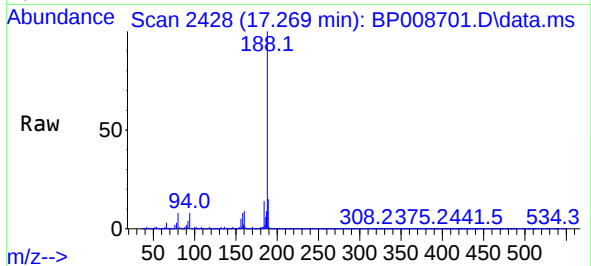
170 22.5 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

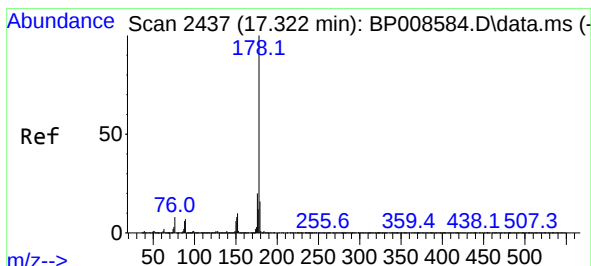
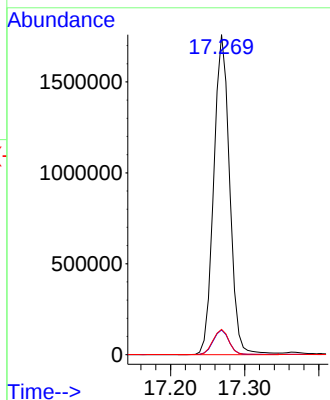
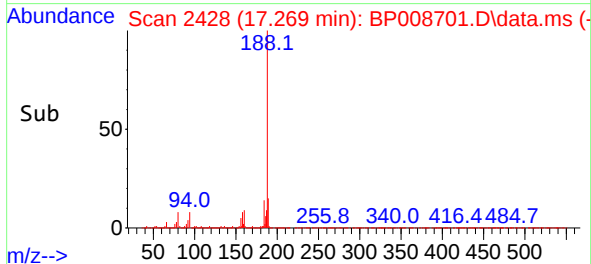
Instrument :
BNA_P
ClientSampleId :
E3



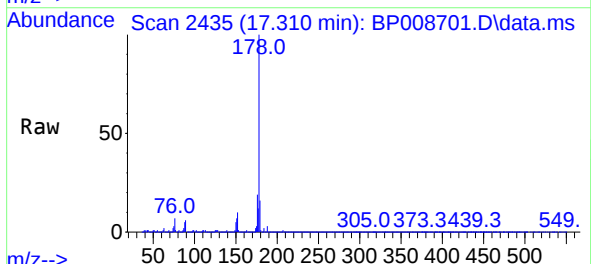
Tgt Ion:188 Resp: 2620578
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.2 10.8

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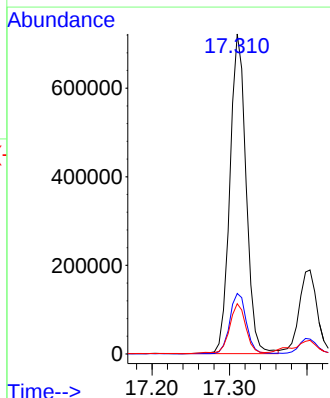
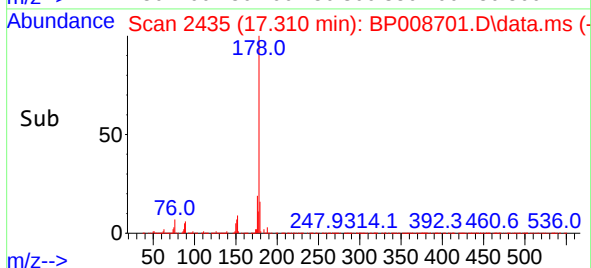
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

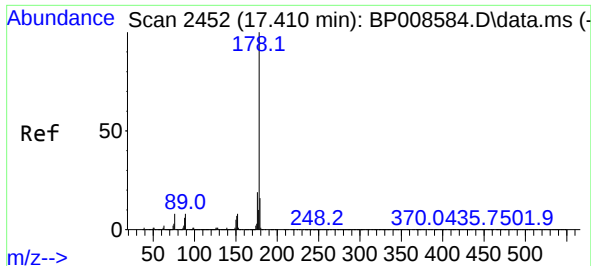


#71
Phenanthrene
Concen: 7.433 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24



Tgt Ion:178 Resp: 1050223
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.7 13.0 19.4





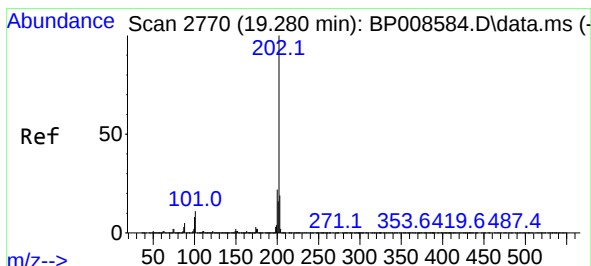
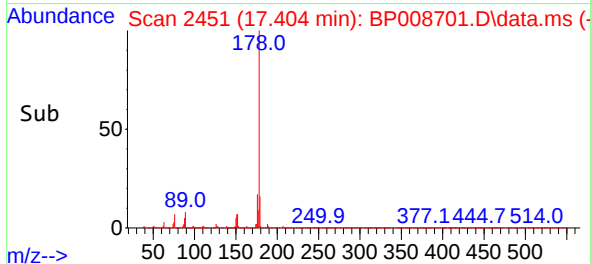
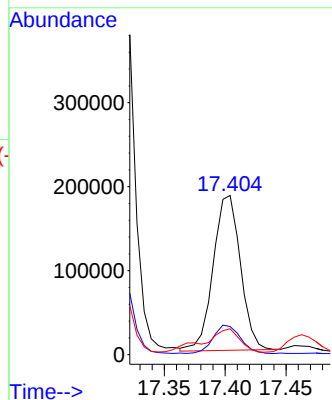
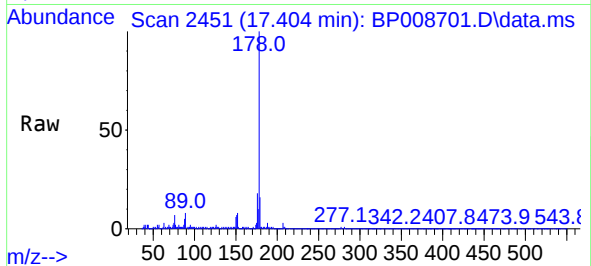
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 Anthracene
 Concen: 2.092 ng
 RT: 17.404 min Scan# 2452
 Delta R.T. -0.006 min
 Lab File: BP008701.D
 Acq: 05 Jan 2022 21:24

Instrument :
 BNA_P
 ClientSampleId :
 E3

Tgt Ion:178 Resp: 287940
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.1 22.7
 179 16.3 12.8 19.2

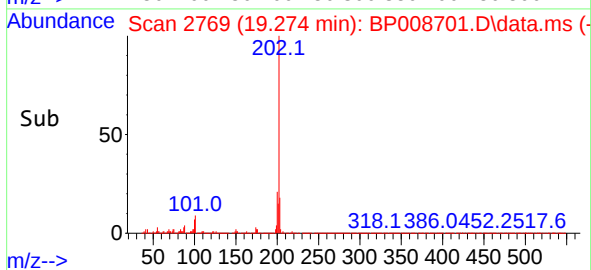
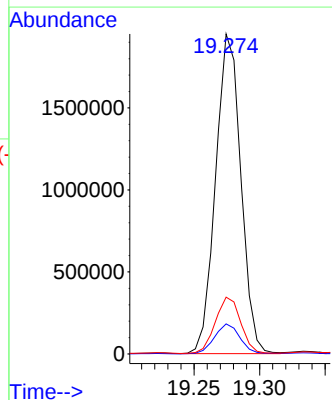
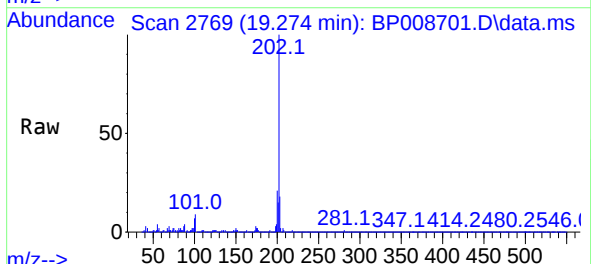
Manual Integrations
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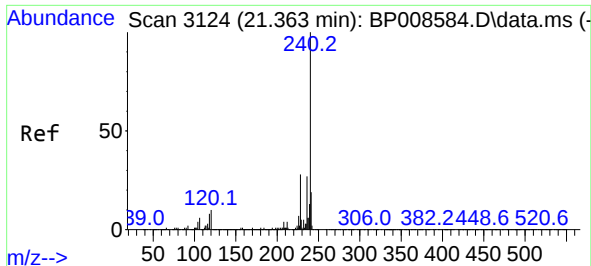
Reviewed By :Christian Giraldo 01/06/2022
 Supervised By :Jagrut Upadhyay 01/06/2022



#75
 Fluoranthene
 Concen: 16.031 ng
 RT: 19.274 min Scan# 2769
 Delta R.T. -0.006 min
 Lab File: BP008701.D
 Acq: 05 Jan 2022 21:24

Tgt Ion:202 Resp: 2605243
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 30.7
 203 17.8 0.0 38.9





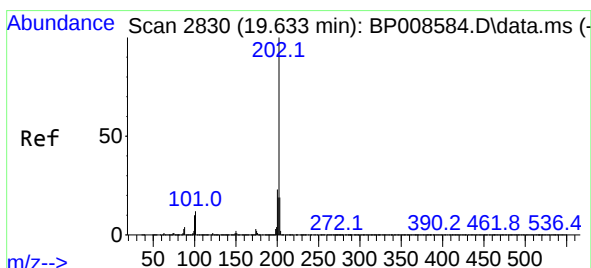
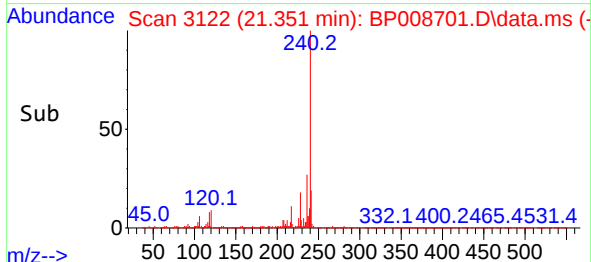
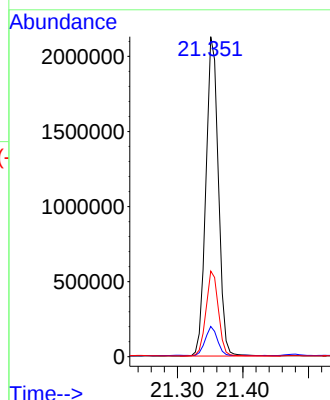
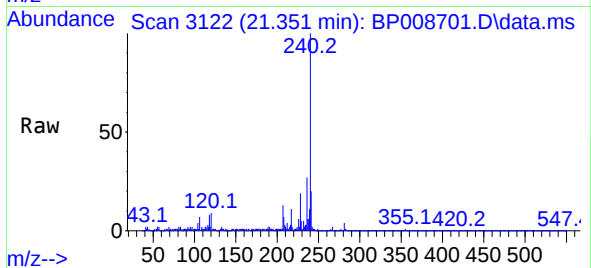
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

Instrument :
BNA_P
ClientSampleId :
E3

Tgt Ion:240 Resp: 282853
Ion Ratio Lower Upper
240 100
120 9.5 7.7 11.5
236 26.7 21.2 31.8

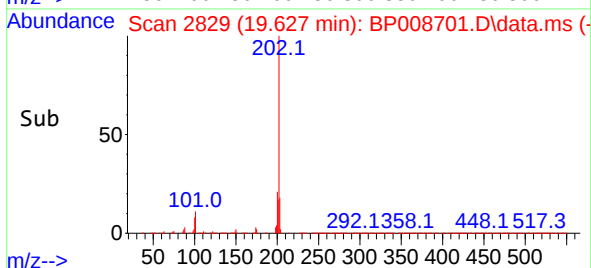
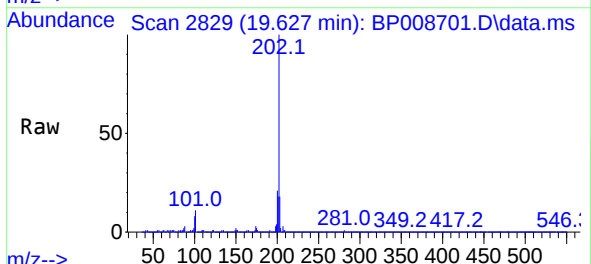
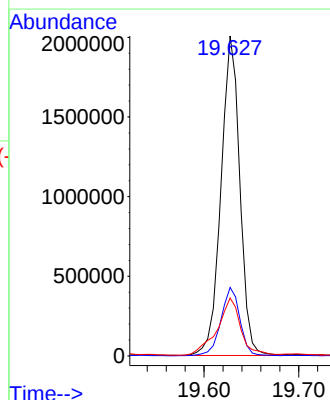
Manual Integrations
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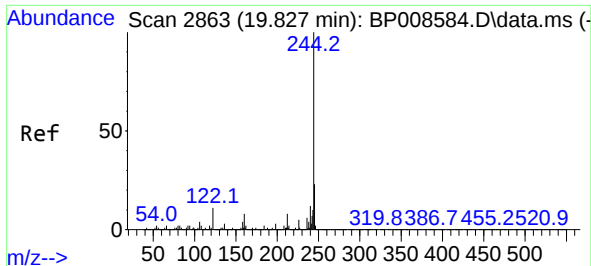
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#78
Pyrene
Concen: 15.098 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

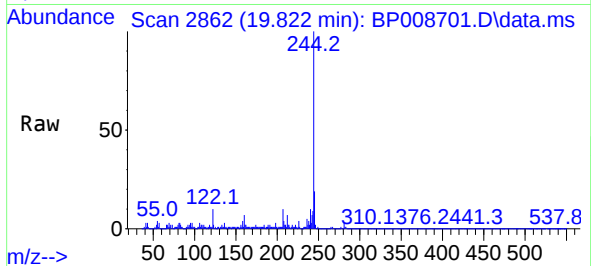
Tgt Ion:202 Resp: 2778252
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.1 15.0 22.6





#79
Terphenyl-d14
Concen: 5.850 ng
RT: 19.822 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

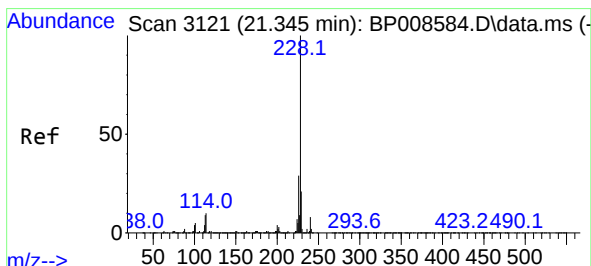
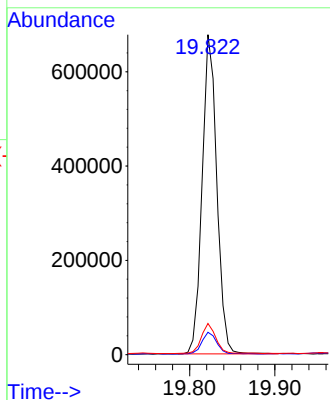
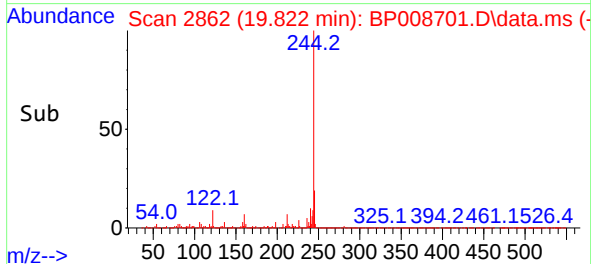
Instrument :
BNA_P
ClientSampleId :
E3



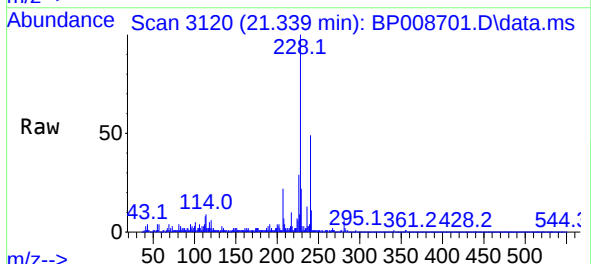
Tgt Ion:244 Resp: 810400
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 9.7 9.2 13.8

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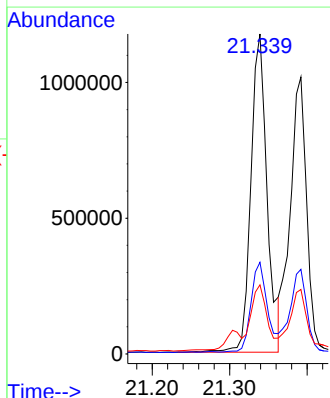
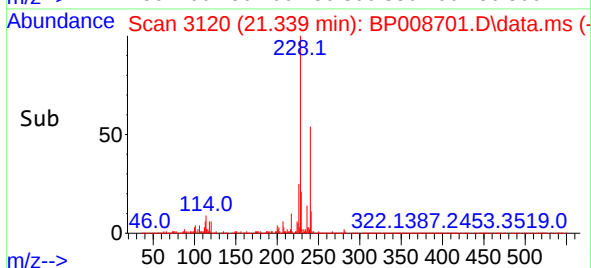
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

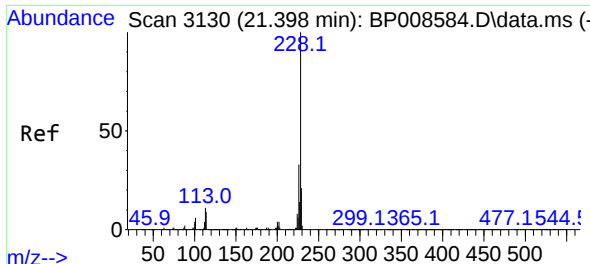


#81
Benzo(a)anthracene
Concen: 9.273 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24



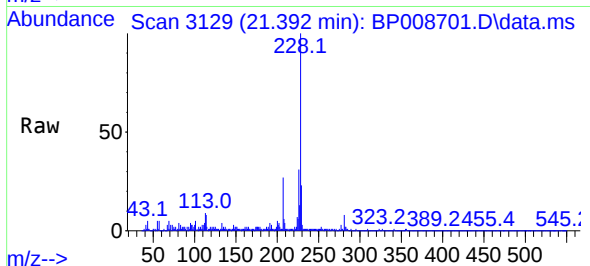
Tgt Ion:228 Resp: 1701553
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 21.6 17.0 25.6





#83
Chrysene
Concen: 8.749 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

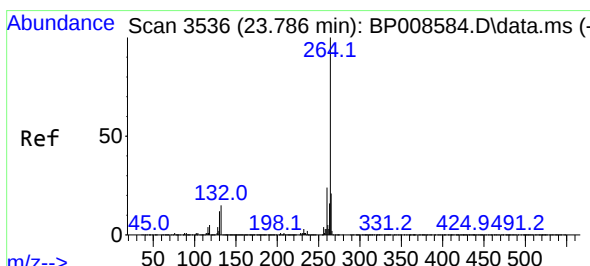
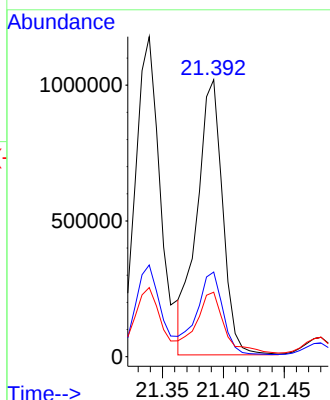
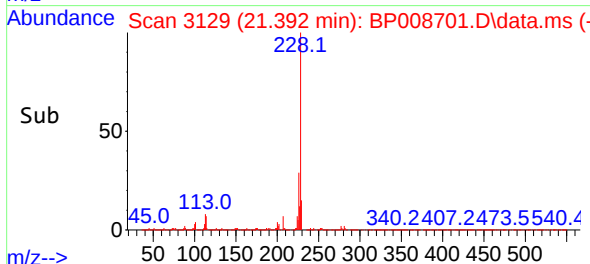
Instrument :
BNA_P
ClientSampleId :
E3



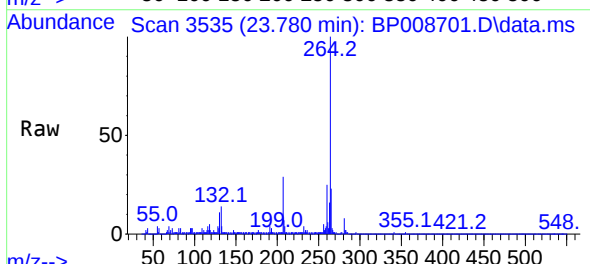
Tgt Ion:228 Resp: 1501111
Ion Ratio Lower Upper
228 100
226 30.6 26.0 39.0
229 23.3 16.9 25.3

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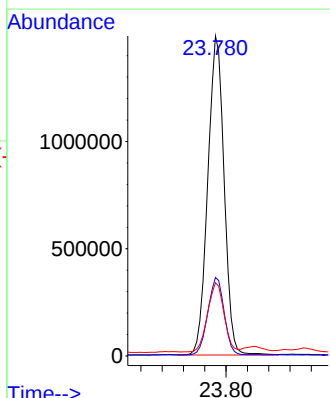
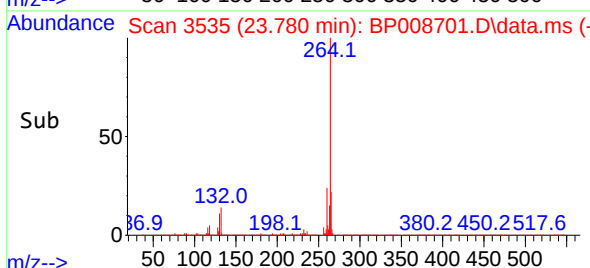
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

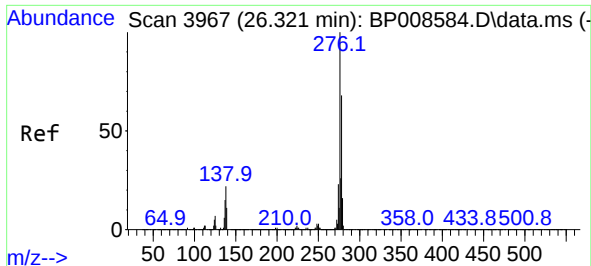


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24



Tgt Ion:264 Resp: 3161762
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.9 17.1 25.7





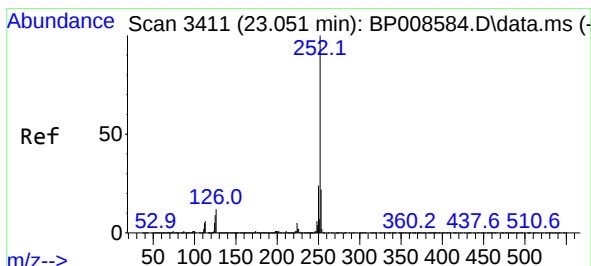
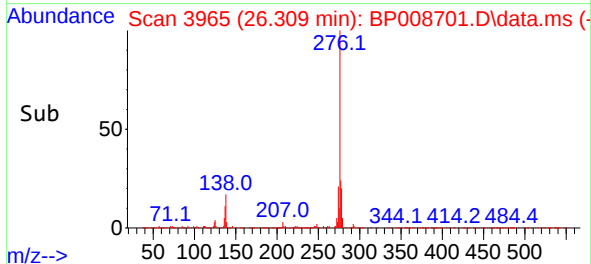
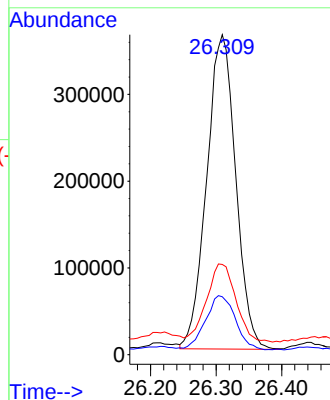
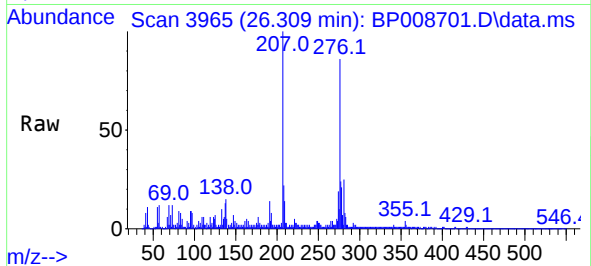
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.255 ng
RT: 26.309 min Scan# 3965
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

Instrument :
BNA_P
ClientSampleId :
E3

Tgt Ion:276 Resp: 1116149
Ion Ratio Lower Upper
276 100
138 17.9 17.8 26.6
277 25.1 20.4 30.6

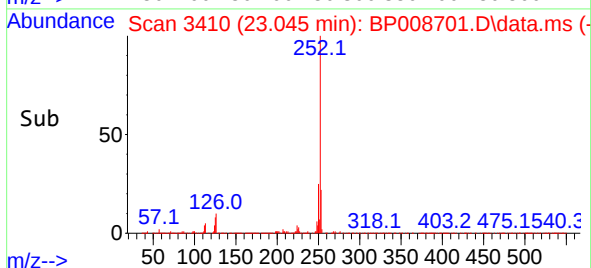
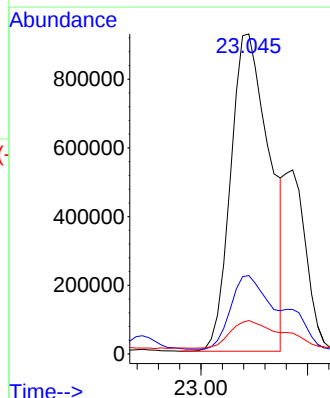
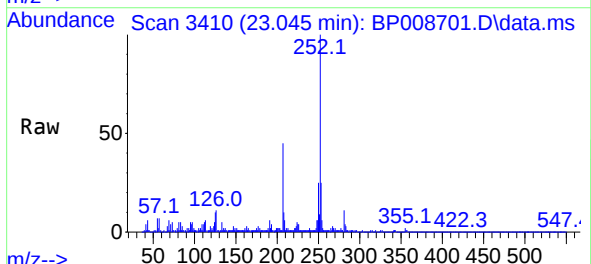
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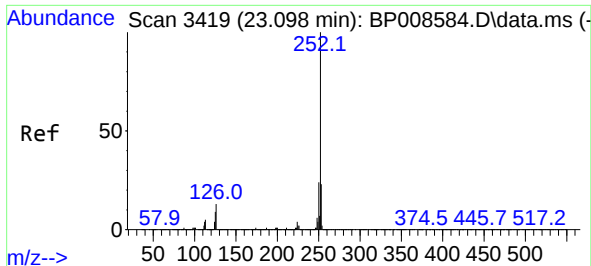
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#88
Benzo(b)fluoranthene
Concen: 11.550 ng
RT: 23.045 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

Tgt Ion:252 Resp: 2348550
Ion Ratio Lower Upper
252 100
253 24.5 18.0 27.0
125 10.4 6.9 10.3#





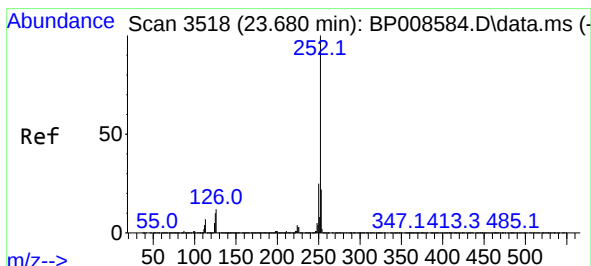
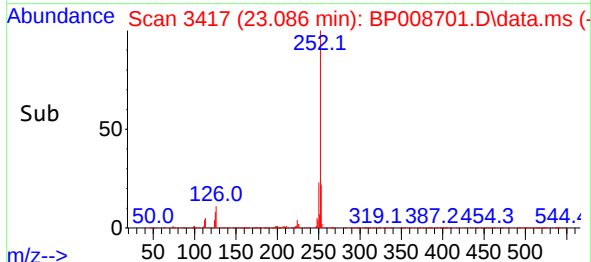
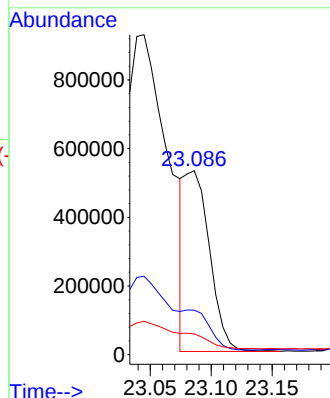
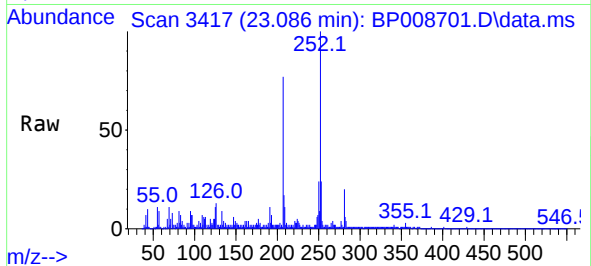
#89
Benzo(k)fluoranthene
Concen: 3.693 ng m
RT: 23.086 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

Instrument :
BNA_P
ClientSampleId :
E3

Tgt Ion:252 Resp: 746527
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 11.3 7.3 10.9

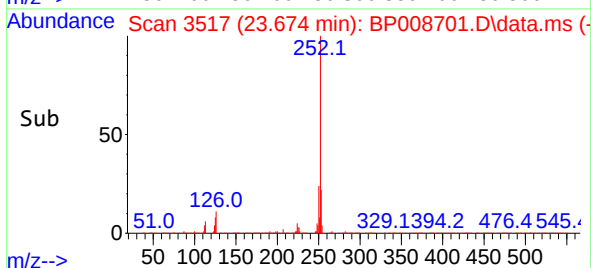
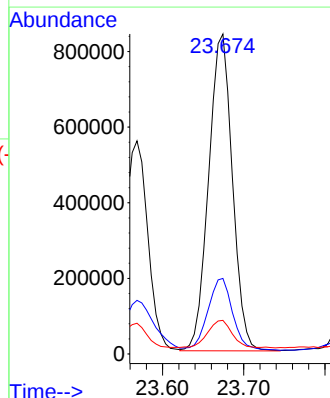
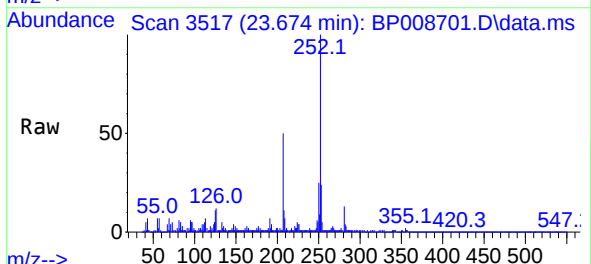
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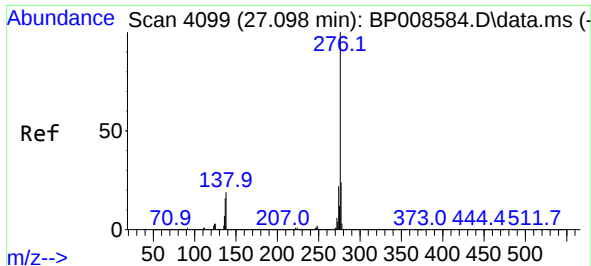
Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022



#90
Benzo(a)pyrene
Concen: 10.400 ng
RT: 23.674 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

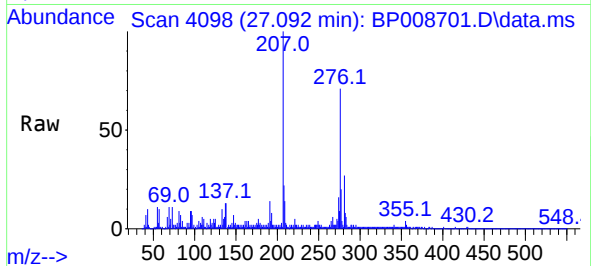
Tgt Ion:252 Resp: 1704756
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.5 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 6.331 ng
RT: 27.092 min Scan# 4098
Delta R.T. -0.006 min
Lab File: BP008701.D
Acq: 05 Jan 2022 21:24

Instrument :
BNA_P
ClientSampleId :
E3



Tgt Ion: 276 Resp: 106066
Ion Ratio Lower Upper
276 100
277 28.3 19.2 28.8
138 18.2 15.0 22.4

Manual Integrations
APPROVED

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

