

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008851.D
 Acq On : 19 Jan 2022 13:42
 Operator : CG/JU
 Sample : N1165-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2022
 Supervised By : Jagrut Upadhyay 01/20/2022

Quant Time: Jan 19 14:11:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	300450	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1112070	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	668730	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1318938	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1346480	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1450444	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	188310	9.692	ng	0.00
7) Phenol-d6	7.022	99	223657	9.506	ng	-0.01
23) Nitrobenzene-d5	9.010	82	137935	7.042	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	87378	8.977	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	396113	7.811	ng	-0.01
79) Terphenyl-d14	19.804	244	552976	6.932	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.286	178	538300	7.249	ng	98
72) Anthracene	17.375	178	213522	2.866	ng	100
75) Fluoranthene	19.257	202	1078352	13.058	ng	97
78) Pyrene	19.604	202	1274091	13.561	ng	98
81) Benzo(a)anthracene	21.322	228	669256	7.388	ng	99
83) Chrysene	21.369	228	598321	6.814	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	462223	3.867	ng	# 95
88) Benzo(b)fluoranthene	23.016	252	843338m	8.706	ng	
89) Benzo(k)fluoranthene	23.051	252	291130m	3.105	ng	
90) Benzo(a)pyrene	23.645	252	692641	7.408	ng	99
92) Benzo(g,h,i)perylene	27.039	276	486485	4.903	ng	98

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

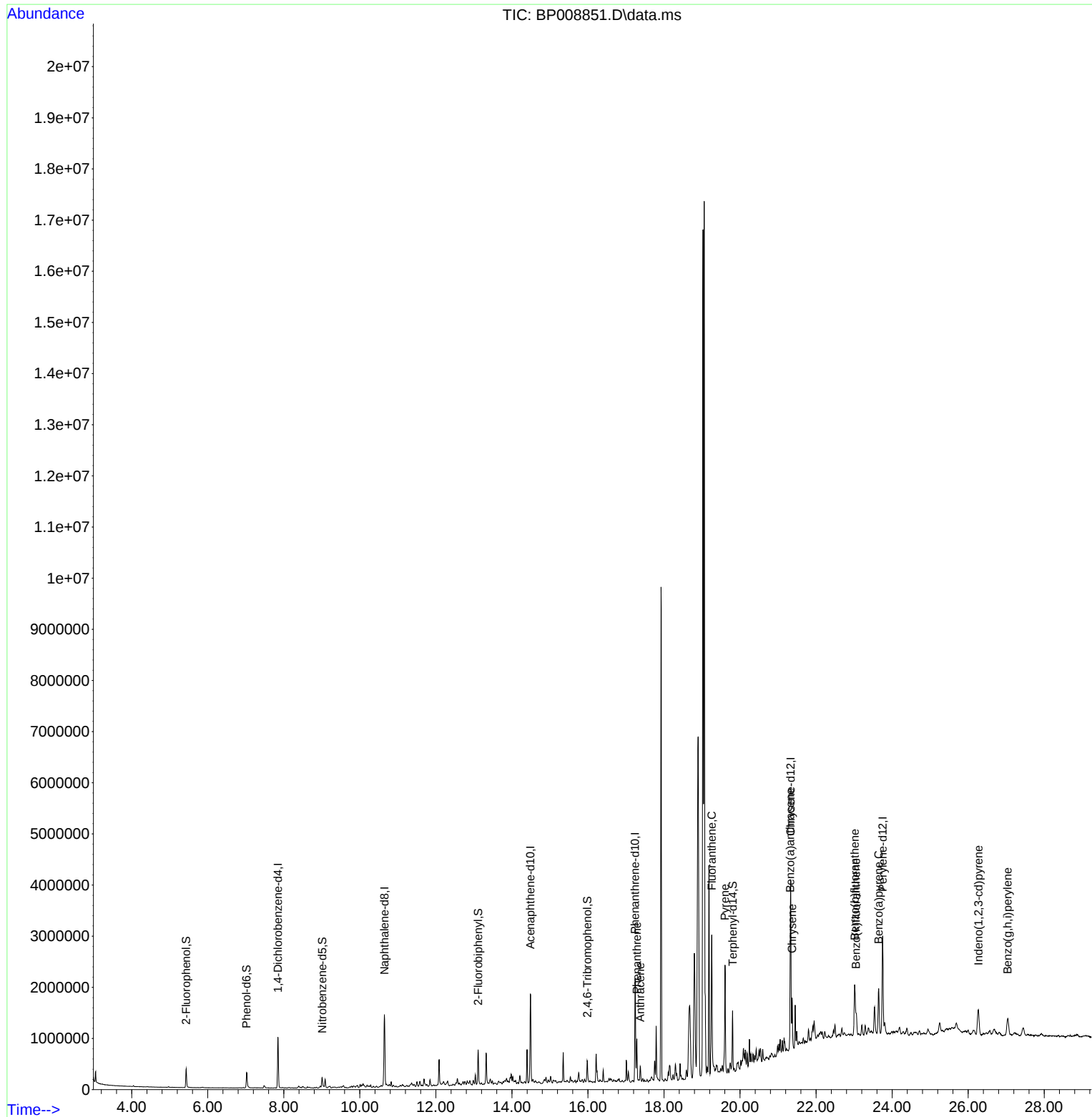
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008851.D
Acq On : 19 Jan 2022 13:42
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

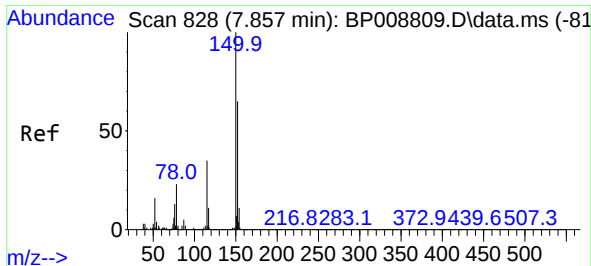
Instrument :
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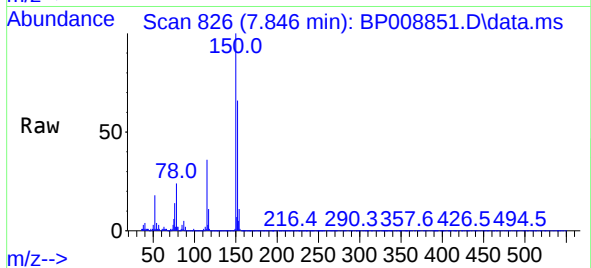
Quant Time: Jan 19 14:11:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

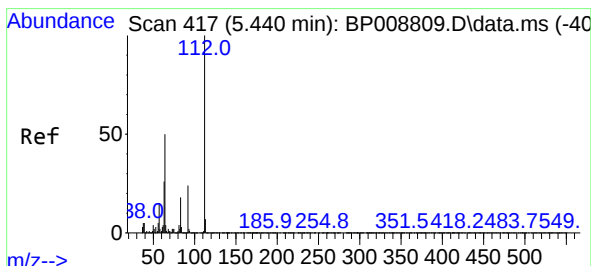
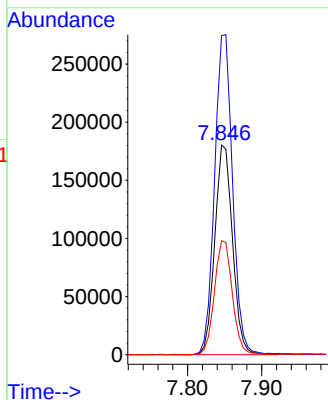
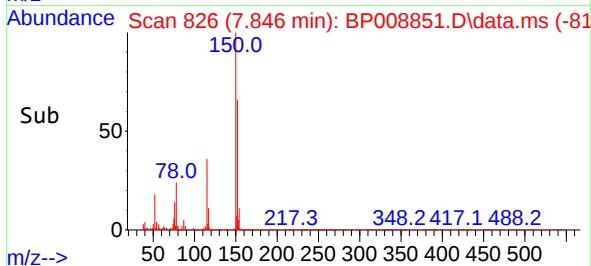
Instrument :
BNA_P
ClientSampleId :
NB-07-011422



Tgt Ion:152 Resp: 300450
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 54.4 43.7 65.5

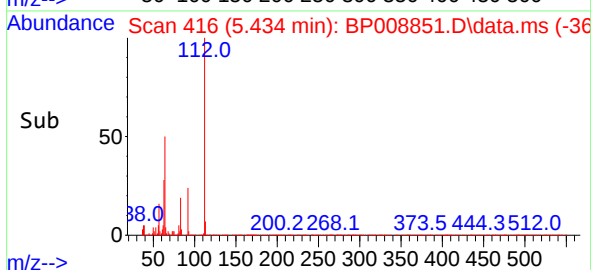
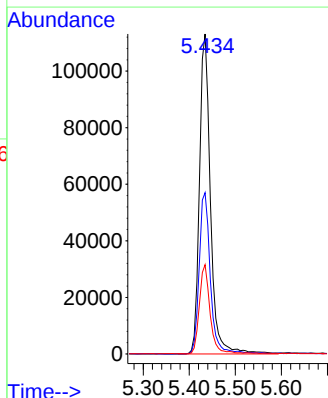
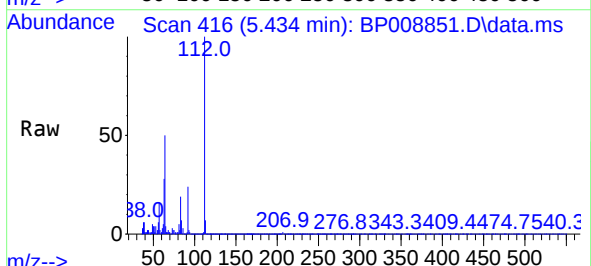
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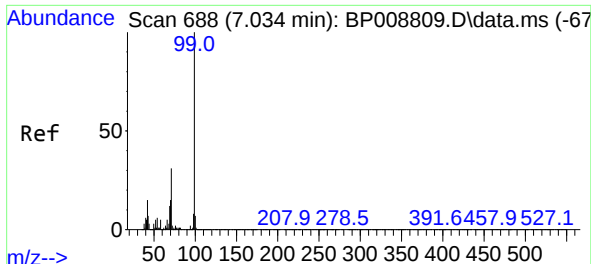
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#5
2-Fluorophenol
Concen: 9.692 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

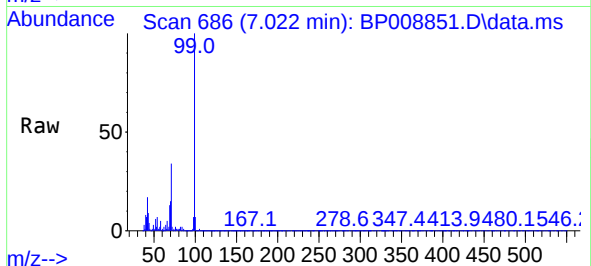
Tgt Ion:112 Resp: 188310
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 27.9 20.0 30.0





#7
Phenol-d6
Concen: 9.506 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

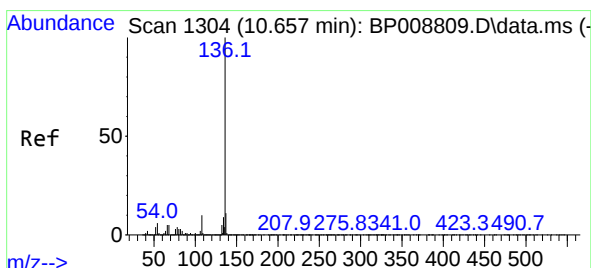
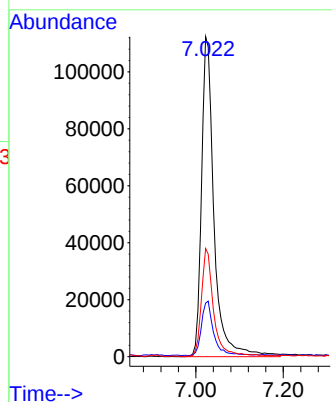
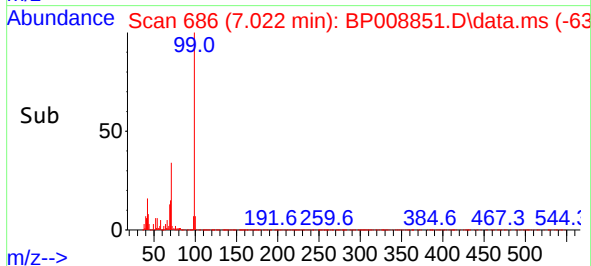
Instrument :
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ClientSampleId :
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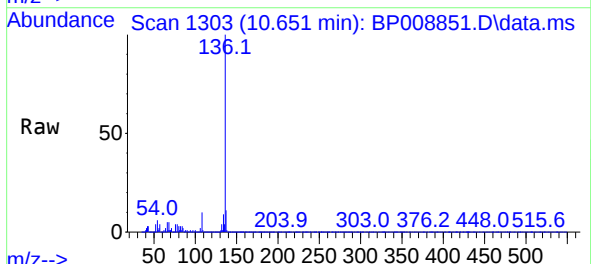
Tgt Ion: 99 Resp: 22365
Ion Ratio Lower Upper
99 100
42 16.8 10.8 16.2
71 33.8 23.8 35.6

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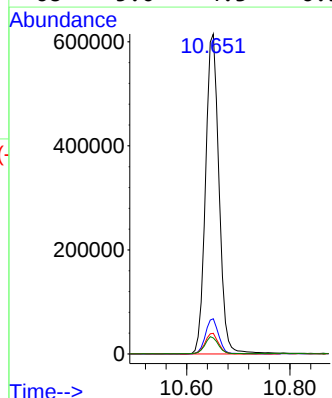
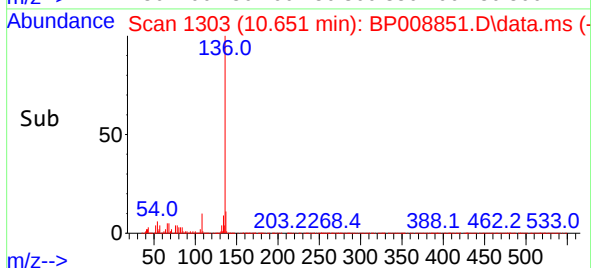
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

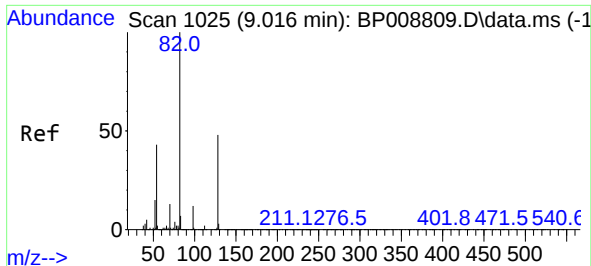


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42



Tgt Ion:136 Resp: 1112070
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.4 4.9 7.3
68 5.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 7.042 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

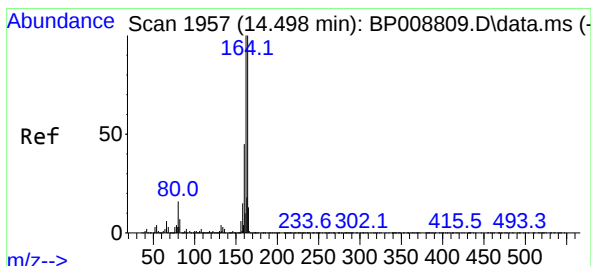
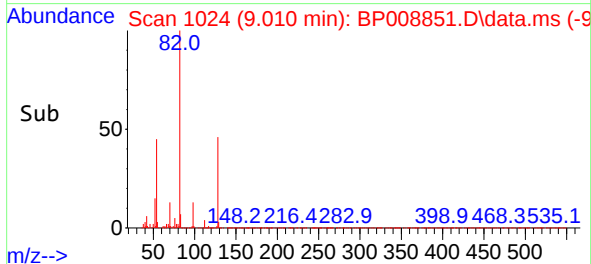
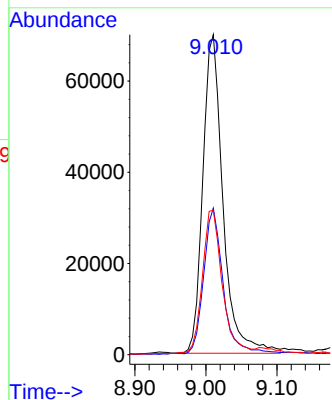
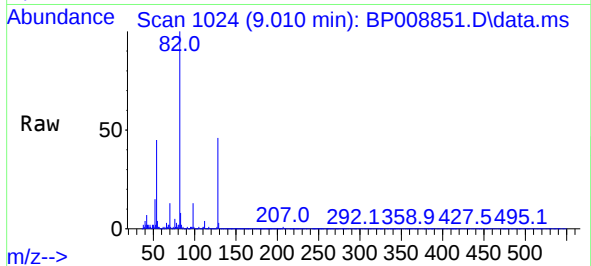
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Tgt Ion: 82 Resp: 137935
Ion Ratio Lower Upper
82 100
128 45.8 39.4 59.2
54 45.1 32.6 48.8

Manual Integrations

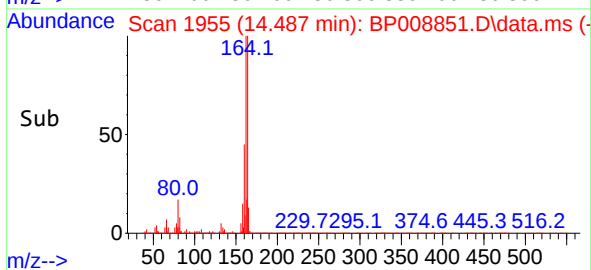
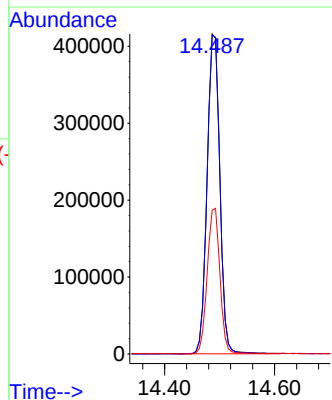
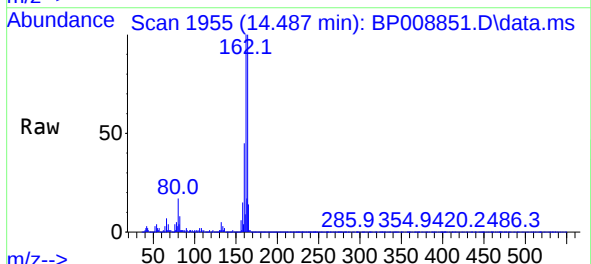
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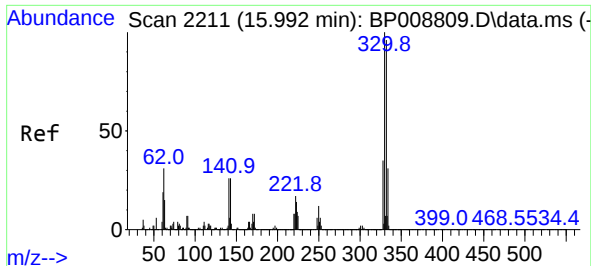
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:164 Resp: 668730
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 45.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 8.977 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

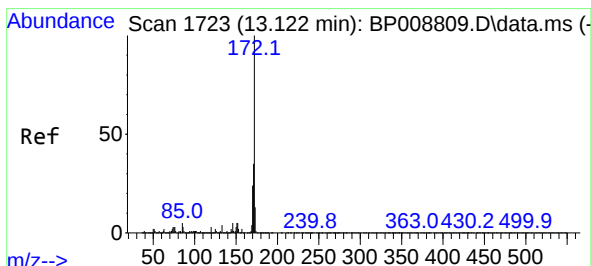
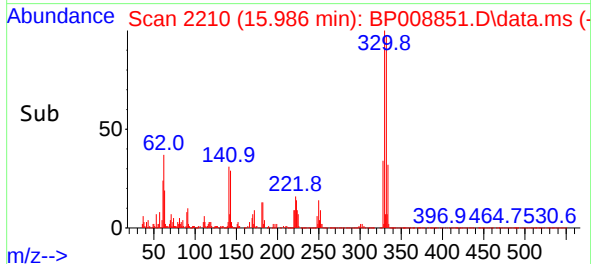
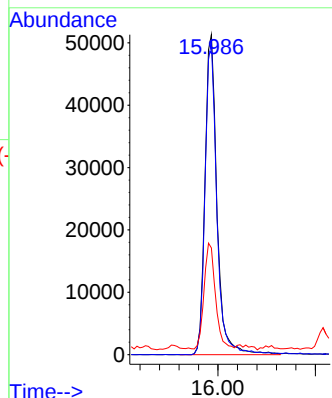
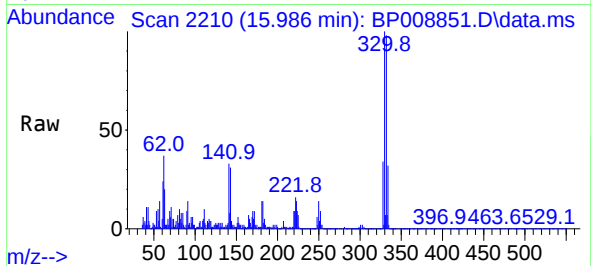
NB-07-011422

Tgt Ion:330 Resp: 87378
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 31.6 21.3 31.9

Manual Integrations

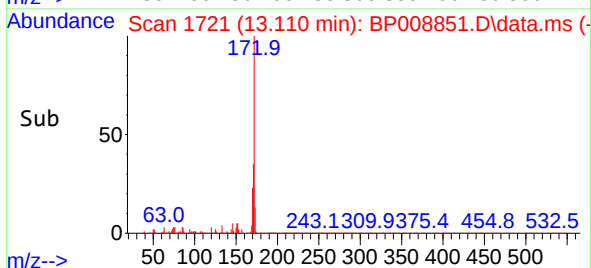
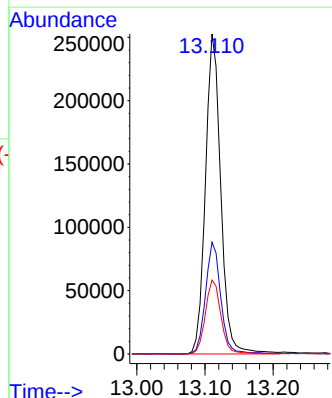
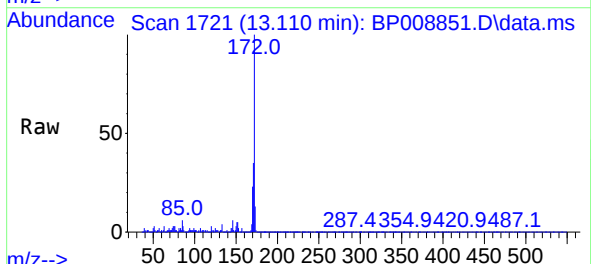
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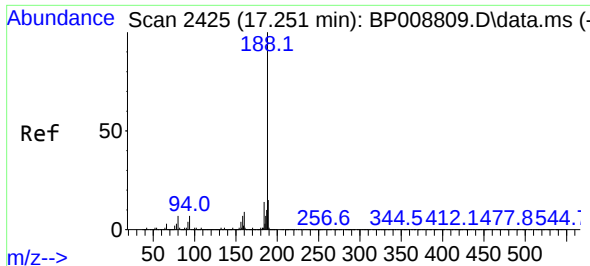
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#45
2-Fluorobiphenyl
Concen: 7.811 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:172 Resp: 396113
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.1 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

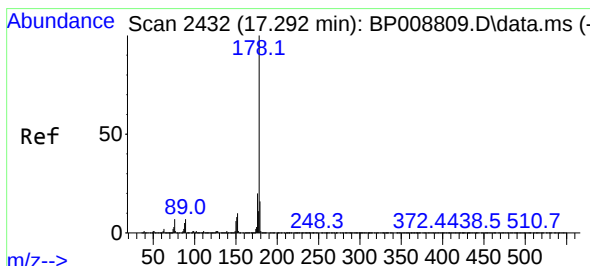
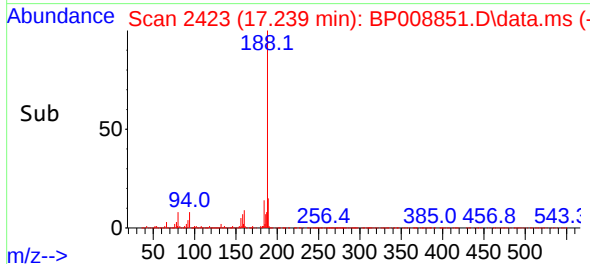
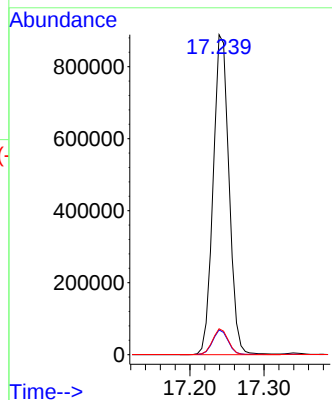
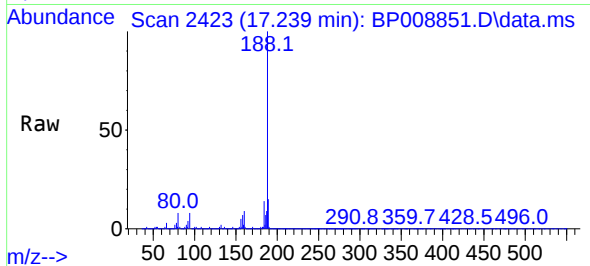
ClientSampleId :

NB-07-011422

Tgt Ion:188 Resp: 1318938
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.2 10.8

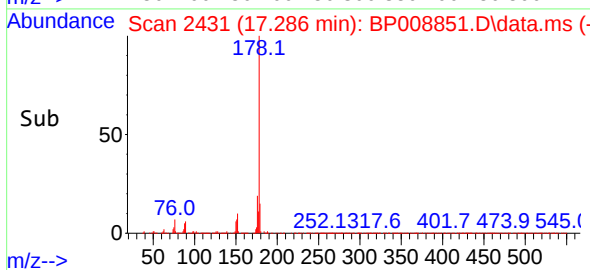
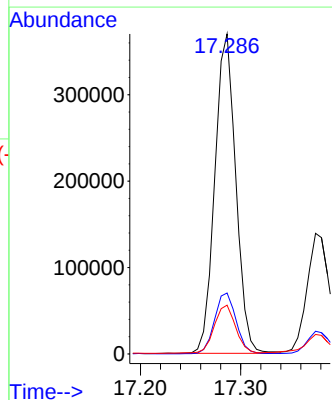
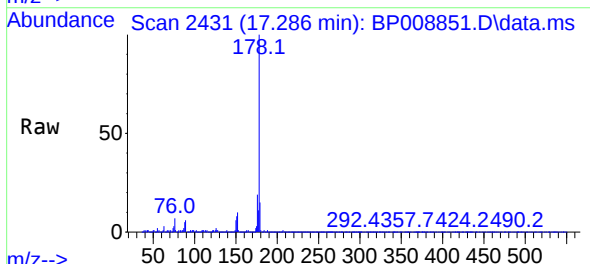
Manual Integrations
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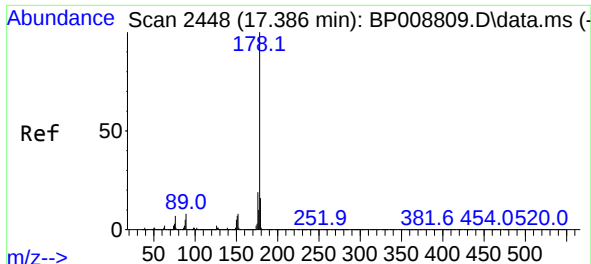
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#71
Phenanthrene
Concen: 7.249 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

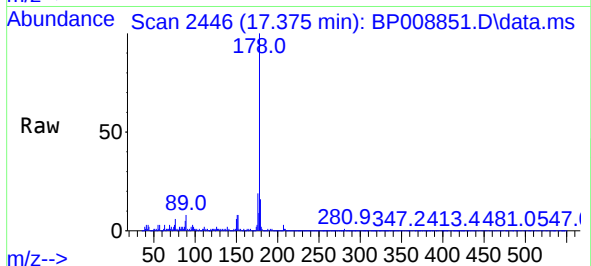
Tgt Ion:178 Resp: 538300
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.2 13.0 19.4





#72
Anthracene
Concen: 2.866 ng
RT: 17.375 min Scan# 2448
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

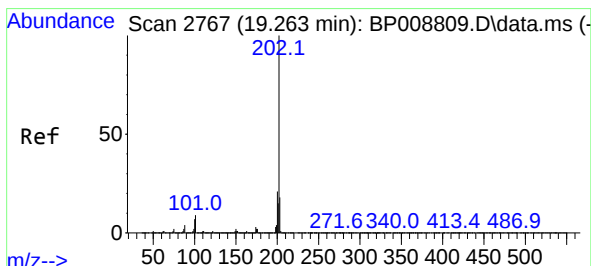
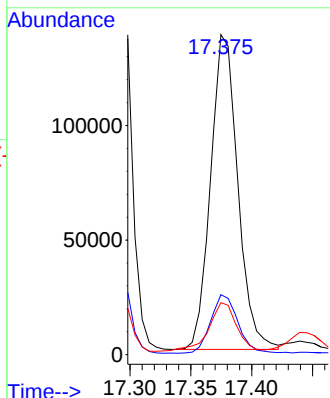
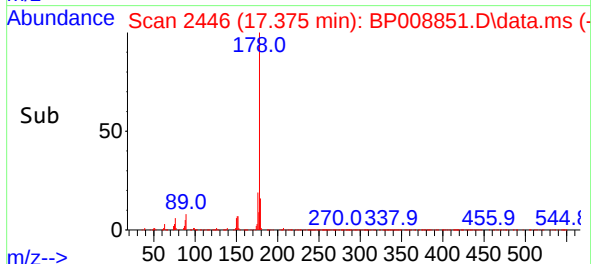
Instrument :
BNA_P
ClientSampleId :
NB-07-011422



Tgt Ion:178 Resp: 21352
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 16.2 12.8 19.2

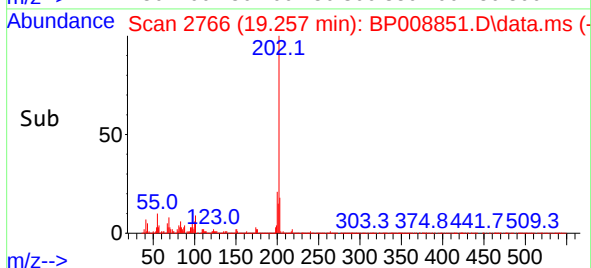
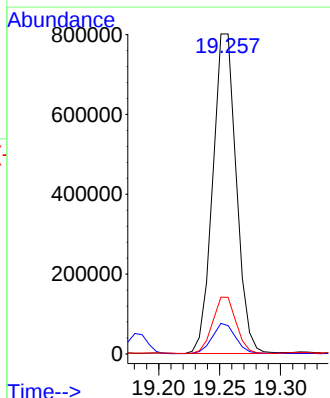
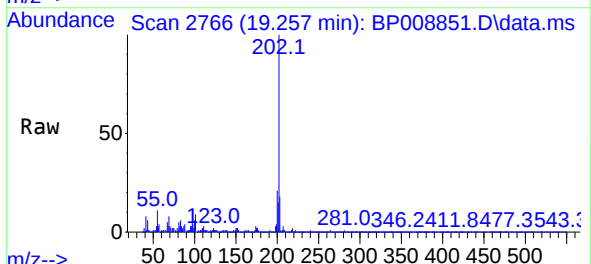
Manual Integrations
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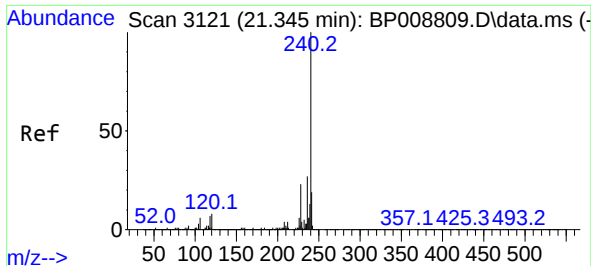
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#75
Fluoranthene
Concen: 13.058 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:202 Resp: 1078352
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.7
203 17.7 0.0 38.9





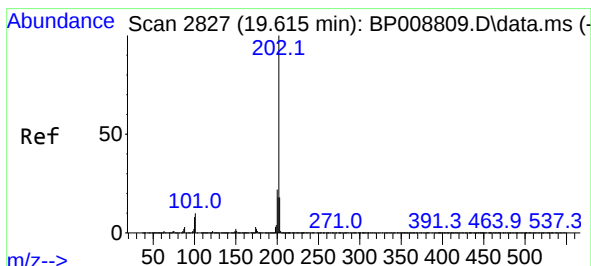
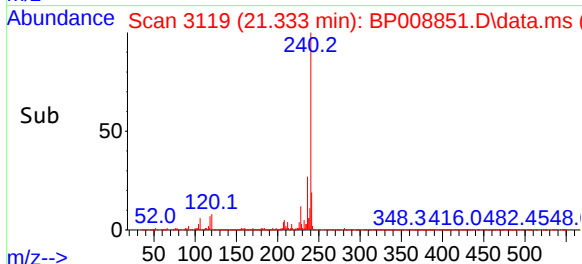
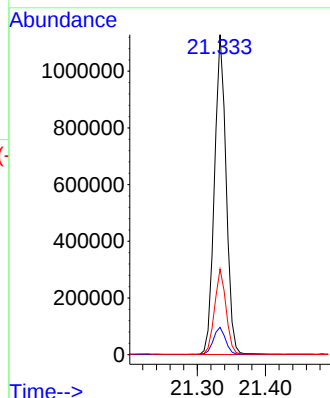
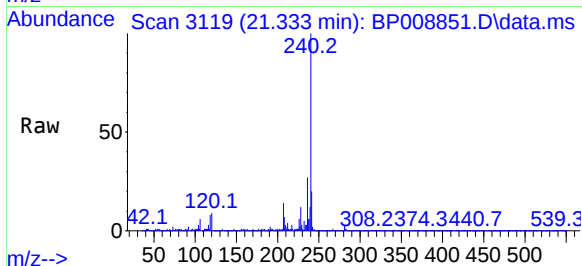
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Instrument :
BNA_P
ClientSampleId :
NB-07-011422

Tgt Ion:240 Resp: 1346480
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.7 21.2 31.8

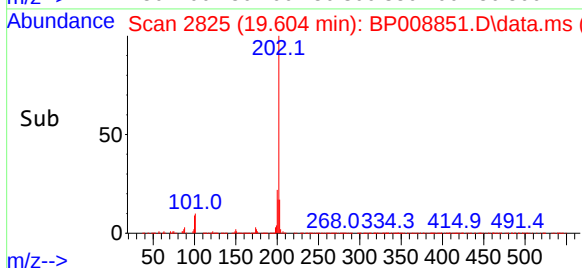
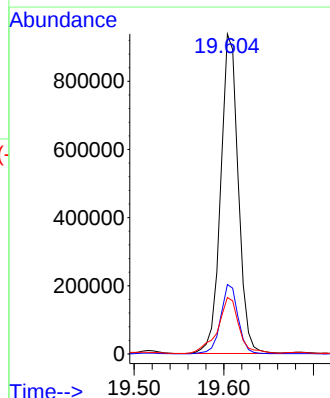
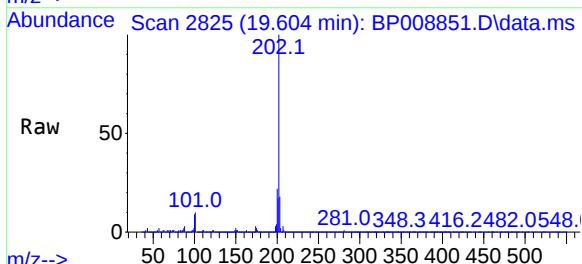
Manual Integrations
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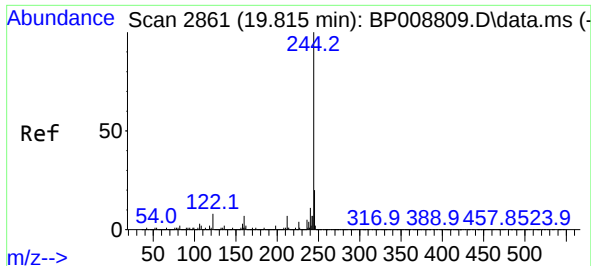
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#78
Pyrene
Concen: 13.561 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Tgt Ion:202 Resp: 1274091
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.7 15.0 22.6





#79
Terphenyl-d14
Concen: 6.932 ng
RT: 19.804 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

Instrument :

BNA_P

ClientSampleId :

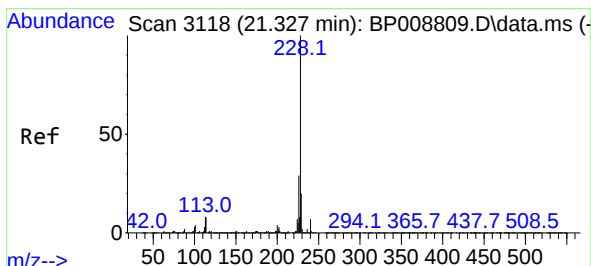
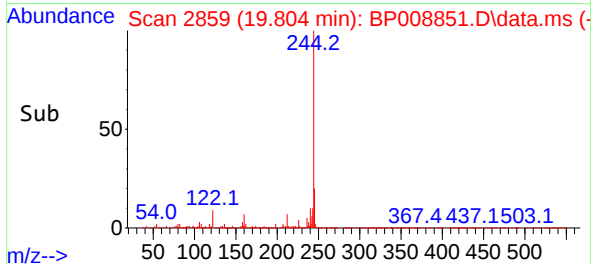
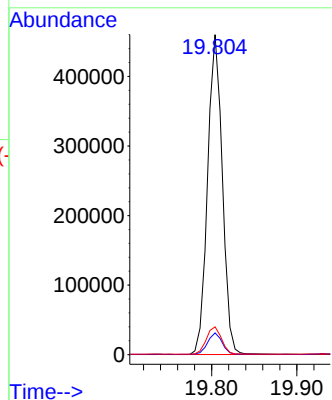
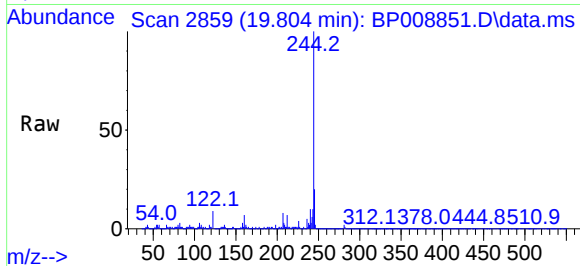
NB-07-011422

Tgt Ion:244 Resp: 552970
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 8.7 9.2 13.8

Manual Integrations

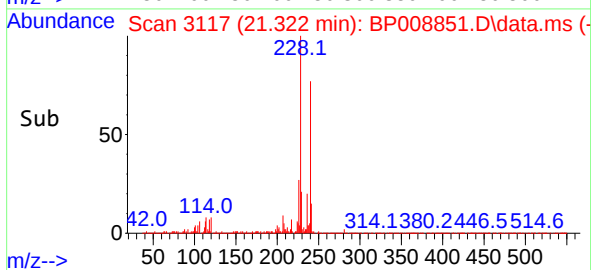
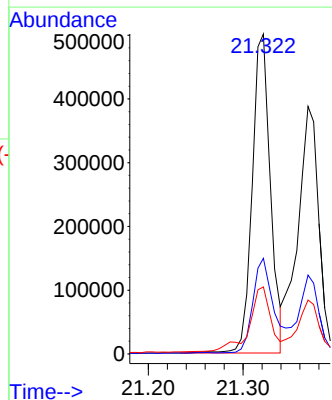
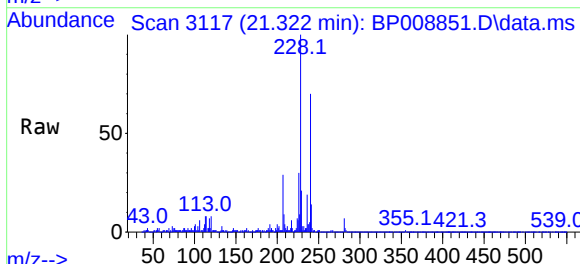
APPROVED

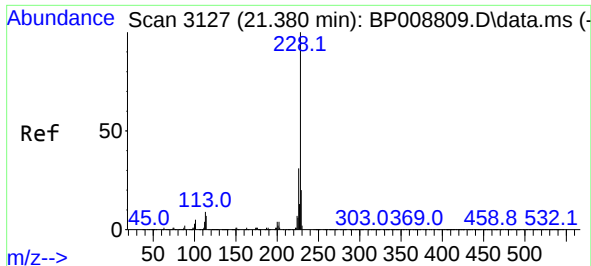
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#81
Benzo(a)anthracene
Concen: 7.388 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

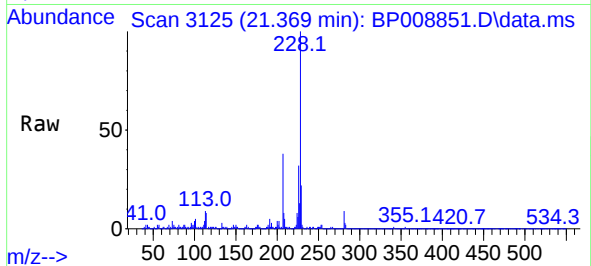
Tgt Ion:228 Resp: 669256
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 21.0 17.0 25.6





#83
Chrysene
Concen: 6.814 ng
RT: 21.369 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

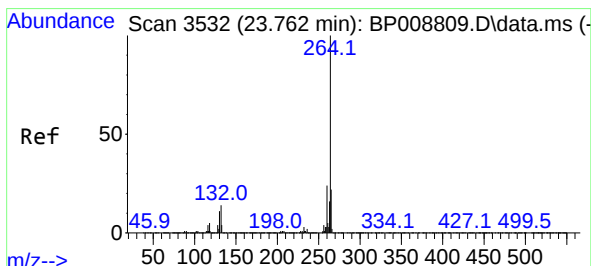
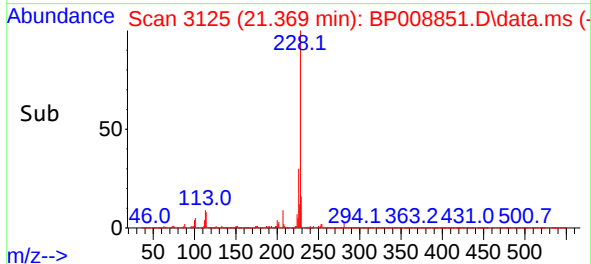
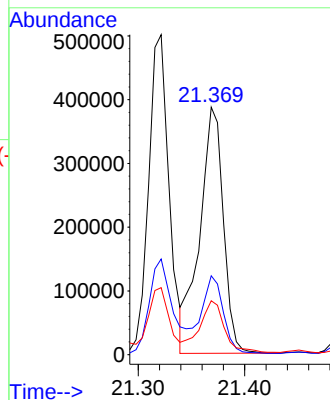
Instrument :
BNA_P
ClientSampleId :
NB-07-011422



Tgt Ion:228 Resp: 59832
Ion Ratio Lower Upper
228 100
226 31.9 26.0 39.0
229 21.8 16.9 25.3

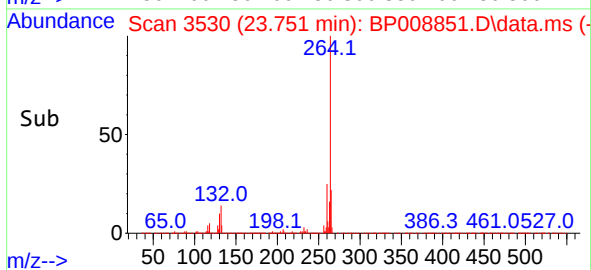
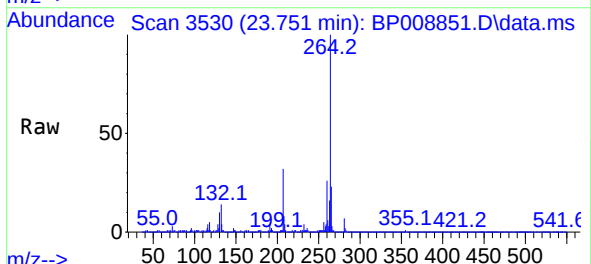
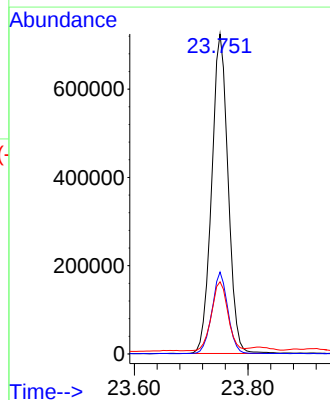
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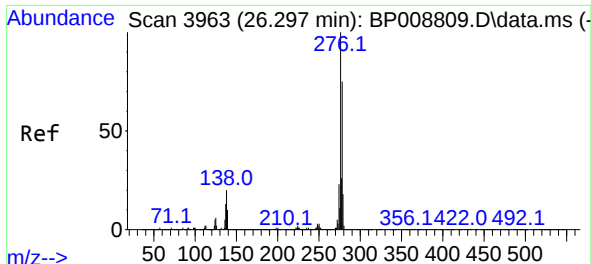
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

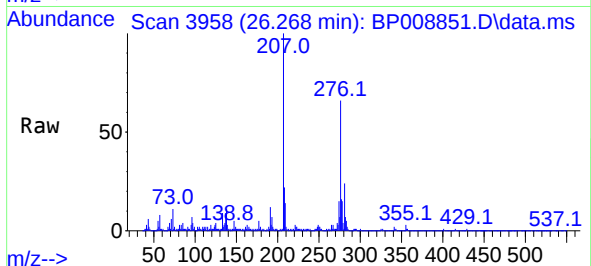
Tgt Ion:264 Resp: 1450444
Ion Ratio Lower Upper
264 100
260 25.6 19.1 28.7
265 22.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.867 ng
RT: 26.268 min Scan# 3958
Delta R.T. -0.029 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

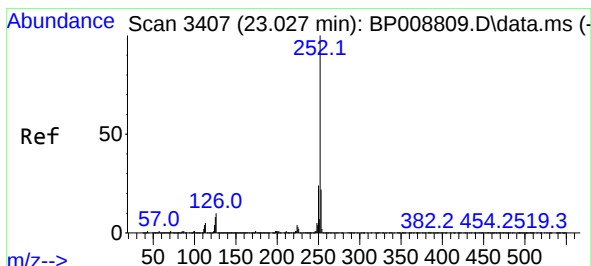
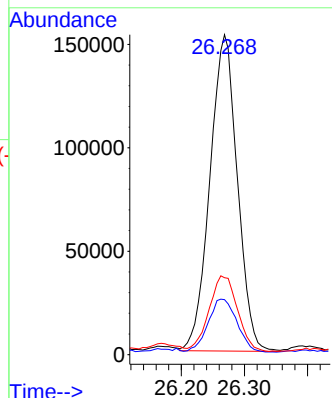
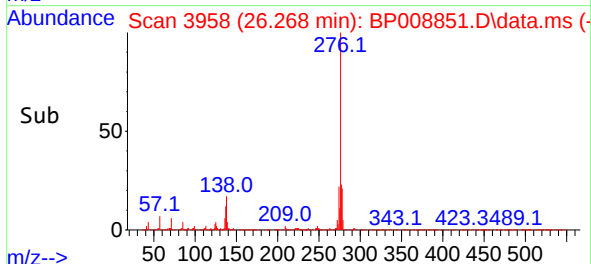
Instrument :
BNA_P
ClientSampleId :
NB-07-011422



Tgt Ion: 276 Resp: 46222
Ion Ratio Lower Upper
276 100
138 17.6 17.8 26.6
277 24.7 20.4 30.6

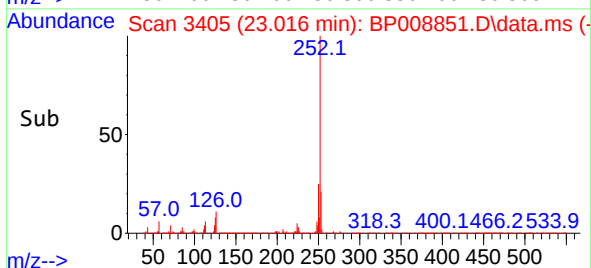
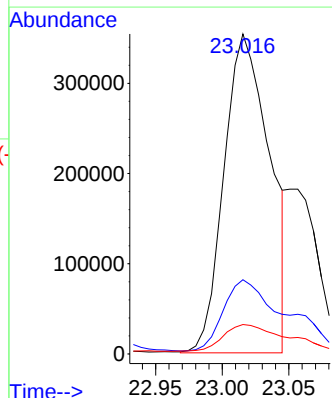
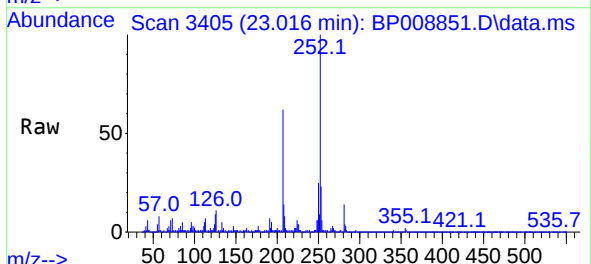
Manual Integrations
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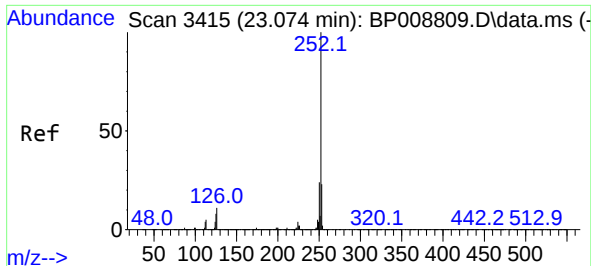
Reviewed By : Christian Giraldo 01/20/2022
Supervised By : Jagrut Upadhyay 01/20/2022



#88
Benzo(b)fluoranthene
Concen: 8.706 ng m
RT: 23.016 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

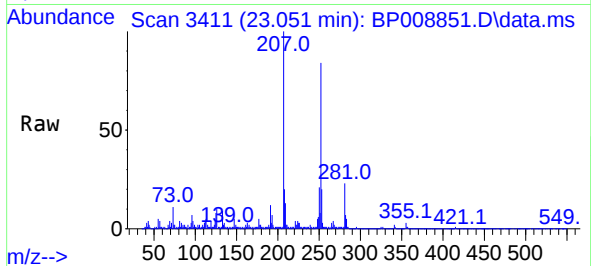
Tgt Ion: 252 Resp: 843338
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 9.2 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 3.105 ng m
RT: 23.051 min Scan# 3415
Delta R.T. -0.023 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

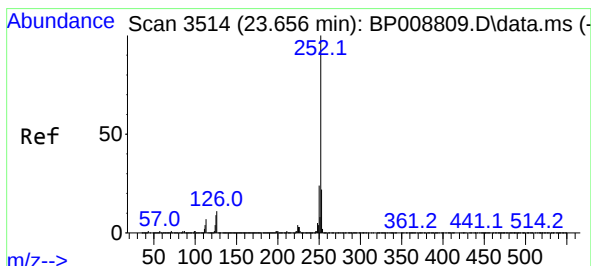
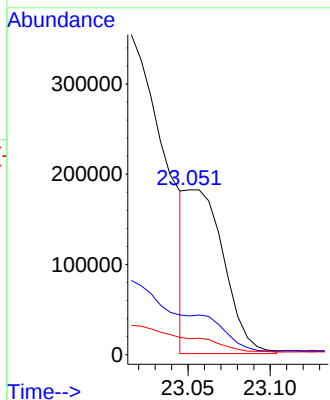
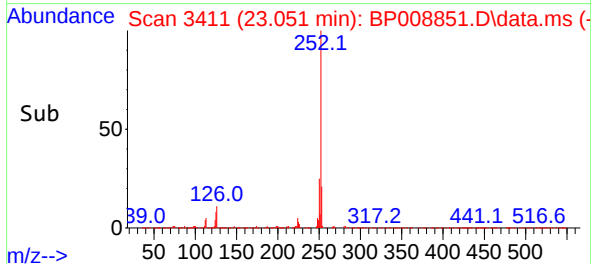
Instrument :
BNA_P
ClientSampleId :
NB-07-011422



Tgt Ion:252 Resp: 291130
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 9.7 7.3 10.9

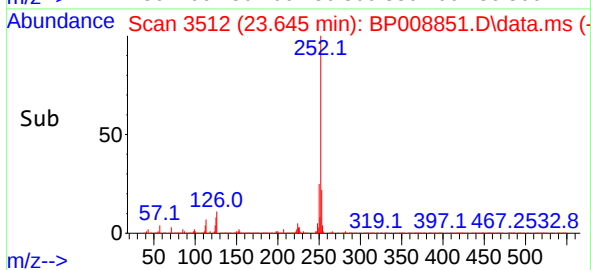
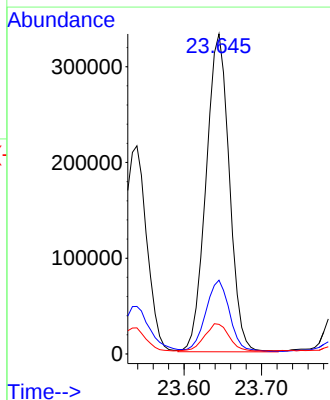
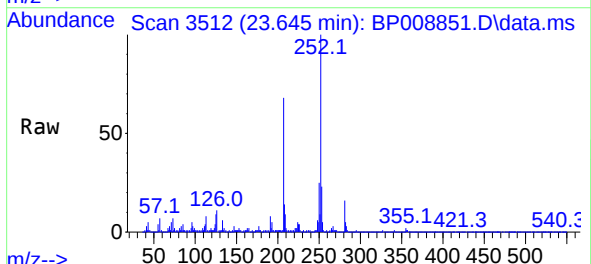
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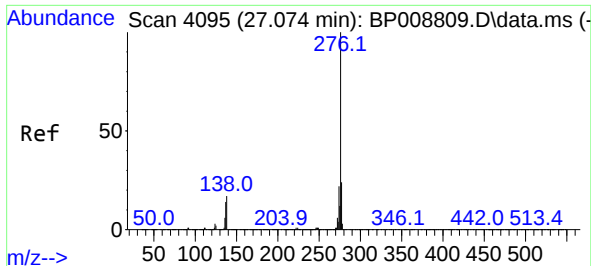
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#90
Benzo(a)pyrene
Concen: 7.408 ng
RT: 23.645 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP008851.D
Acq: 19 Jan 2022 13:42

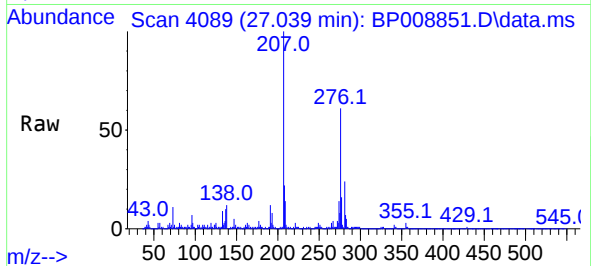
Tgt Ion:252 Resp: 692641
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.3 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.903 ng
 RT: 27.039 min Scan# 4095
 Delta R.T. -0.035 min
 Lab File: BP008851.D
 Acq: 19 Jan 2022 13:42

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-011422



Tgt Ion:276 Resp: 486485
 Ion Ratio Lower Upper
 276 100
 277 25.7 19.2 28.8
 138 19.0 15.0 22.4

Manual Integrations
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Reviewed By :Christian Giraldo 01/20/2022
 Supervised By :Jagrut Upadhyay 01/20/2022

