

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009125.D
 Acq On : 11 Feb 2022 21:51
 Operator : CG/JU
 Sample : N1495-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-021022

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 11 23:35:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	205325	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	934320	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	709163	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1651576	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1571970	20.000	ng	0.00
86) Perylene-d12	23.686	264	1546572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1340752	116.481	ng	0.00
7) Phenol-d6	6.987	99	1814878	119.660	ng	0.00
23) Nitrobenzene-d5	8.957	82	1096574	66.187	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	1229932	129.896	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3217184	63.507	ng	-0.01
79) Terphenyl-d14	19.757	244	5798062	66.330	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.010	94	35169	2.306	ng	# 46
58) Fluorene	15.486	166	109658	2.231	ng	99
71) Phenanthrene	17.233	178	1252253	14.003	ng	99
72) Anthracene	17.328	178	459181	5.248	ng	99
75) Fluoranthene	19.210	202	3594891	35.867	ng	97
78) Pyrene	19.563	202	3296440	29.479	ng	99
81) Benzo(a)anthracene	21.274	228	1458285	14.395	ng	99
83) Chrysene	21.327	228	1258197	12.884	ng	97
87) Indeno(1,2,3-cd)pyrene	26.180	276	566030	4.926	ng	# 94
88) Benzo(b)fluoranthene	22.957	252	1351480	14.195	ng	98
89) Benzo(k)fluoranthene	22.998	252	518806m	5.462	ng	
90) Benzo(a)pyrene	23.580	252	943898	11.891	ng	98
92) Benzo(g,h,i)perylene	26.951	276	544958	5.796	ng	97

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

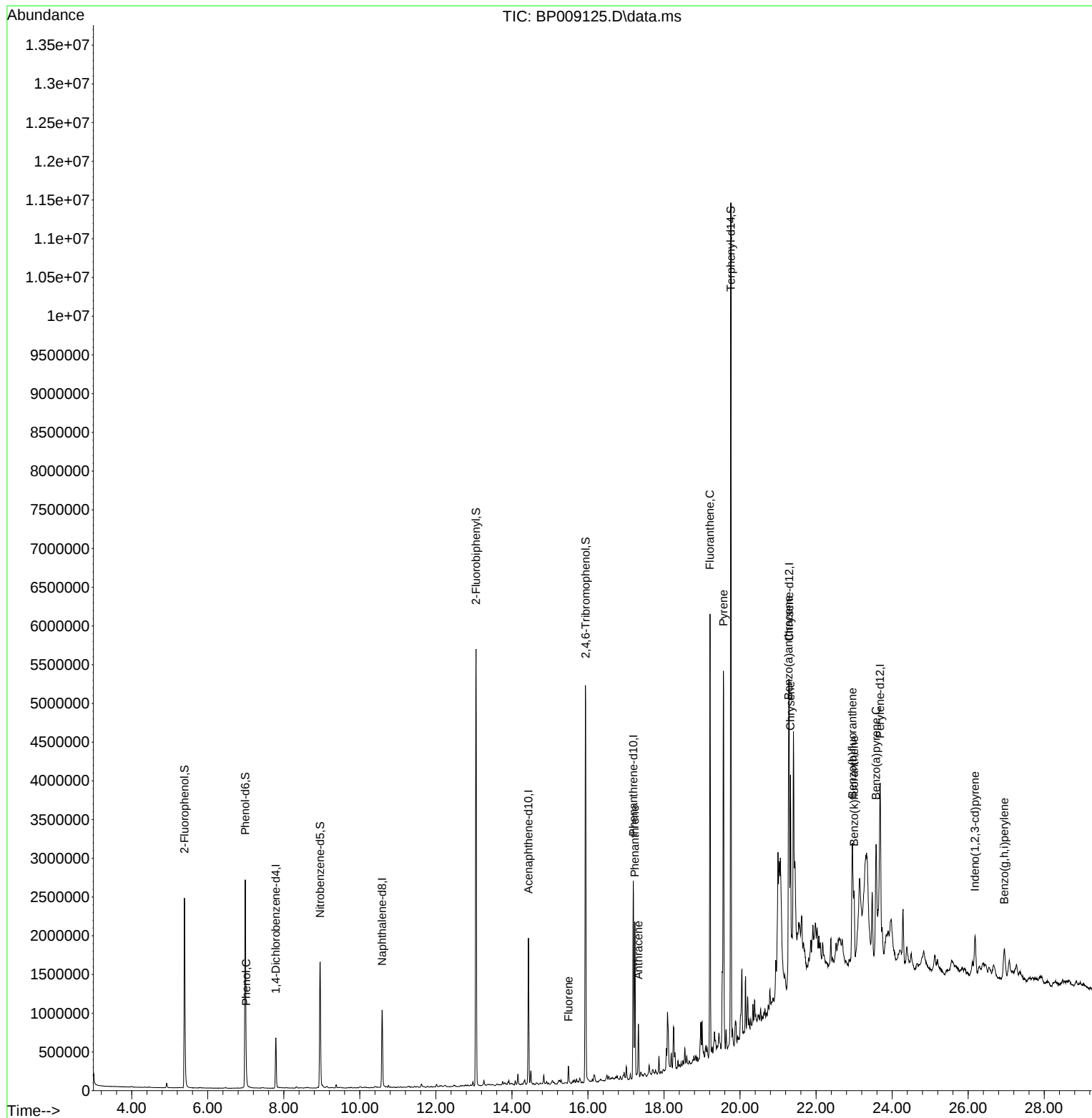
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 ALS Vial : 16 Sample Multiplier: 1

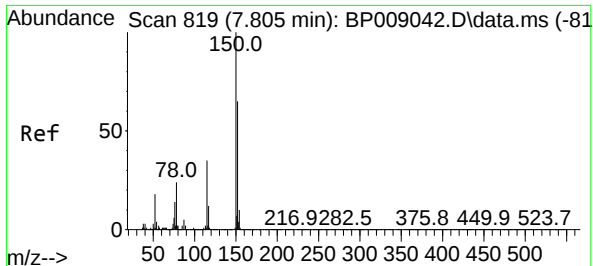
Instrument :
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Quant Time: Feb 11 23:35:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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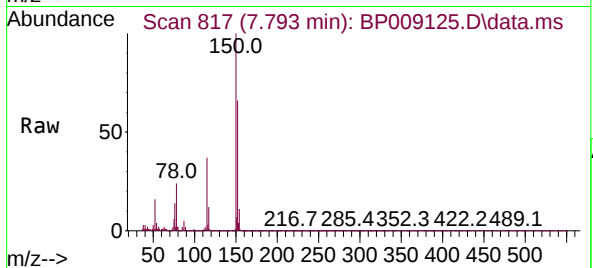
Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

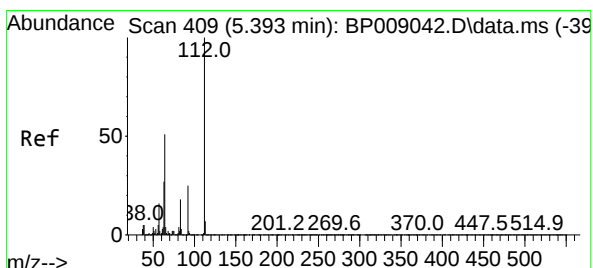
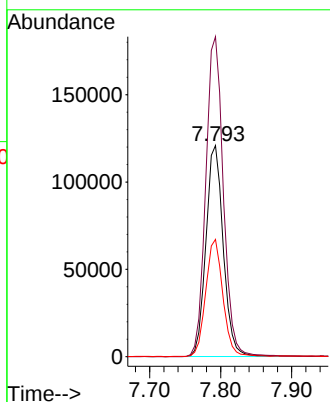
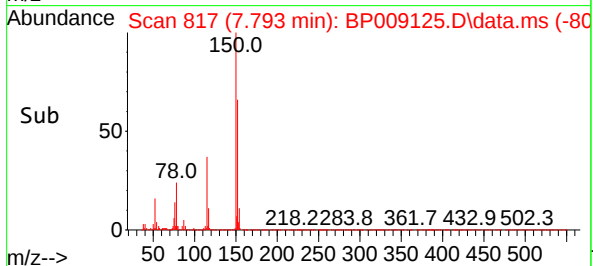
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BNA_P
ClientSampleId :
NB-08-021022



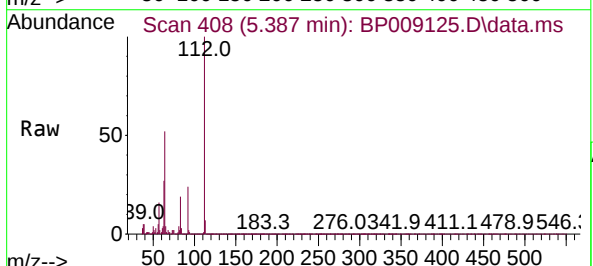
Tgt Ion:152 Resp: 205329
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 55.5 43.7 65.5

Manual Integrations
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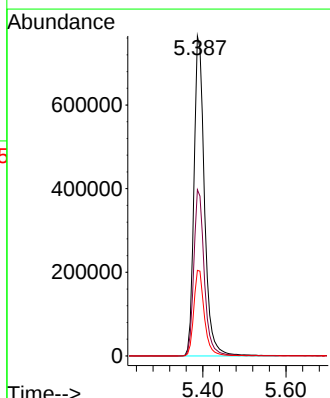
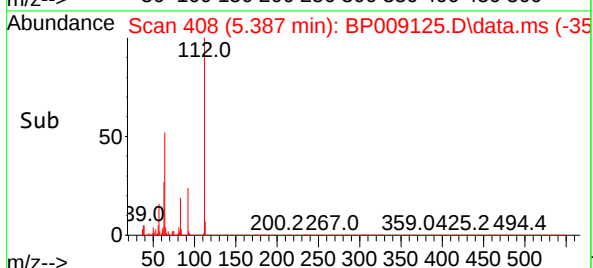
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

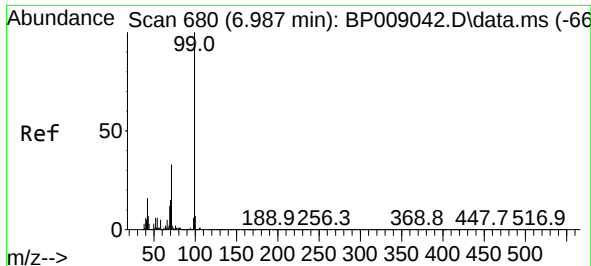


#5
2-Fluorophenol
Concen: 116.481 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51



Tgt Ion:112 Resp: 1340752
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 26.8 20.0 30.0





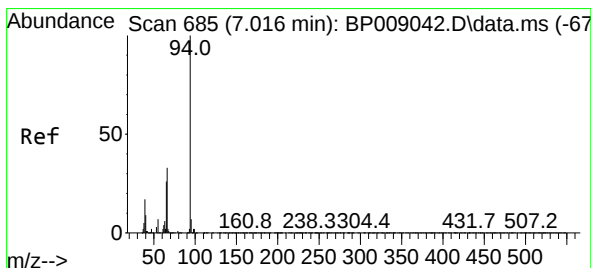
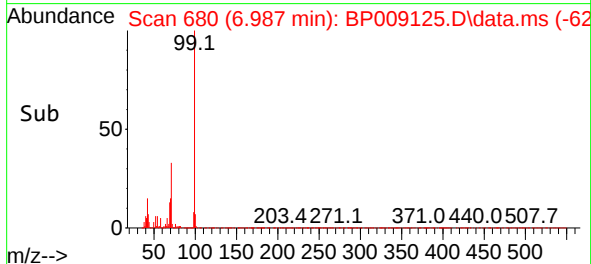
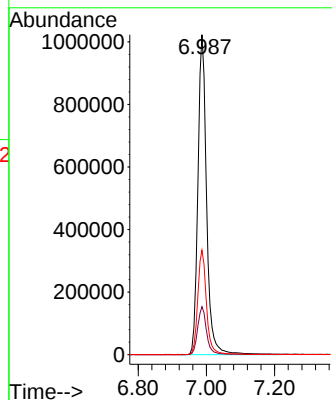
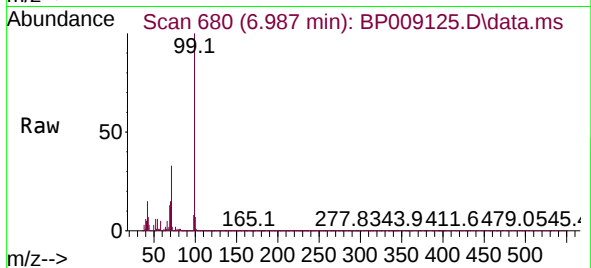
#7
Phenol-d6
Concen: 119.660 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :
BNA_P
ClientSampleId :
NB-08-021022

Tgt Ion: 99 Resp: 1814878
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 32.7 23.8 35.6

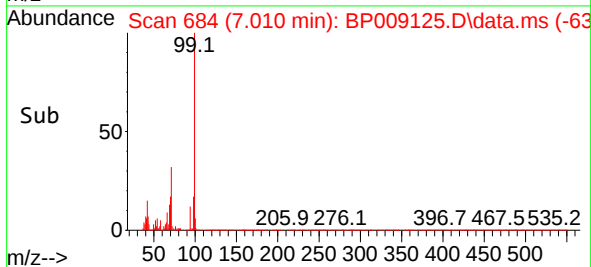
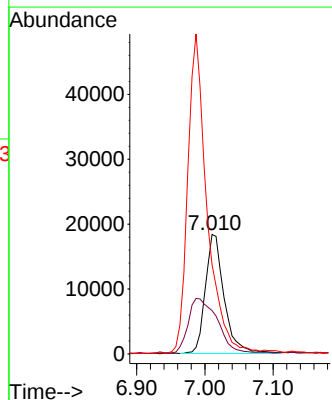
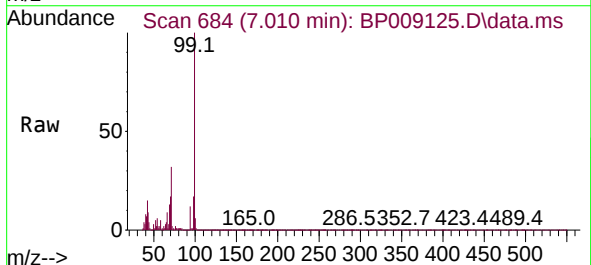
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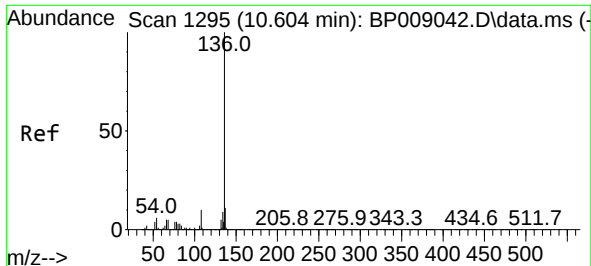
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#10
Phenol
Concen: 2.306 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion: 94 Resp: 35169
Ion Ratio Lower Upper
94 100
65 36.2 4.1 44.1
66 74.8 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1015
Delta R.T. -0.017 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :

BNA_P

ClientSampleId :

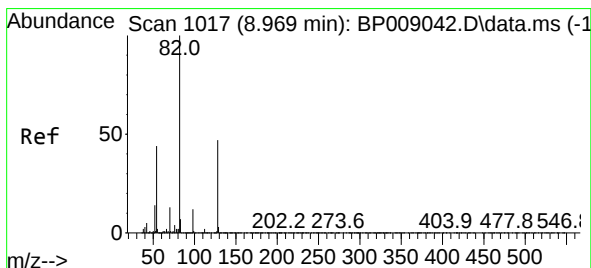
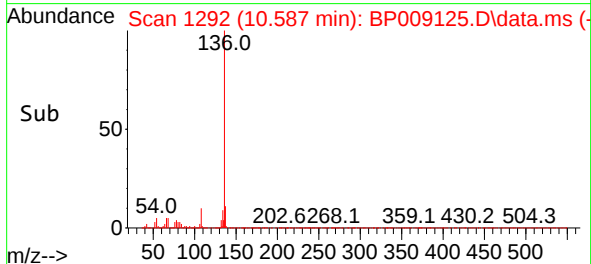
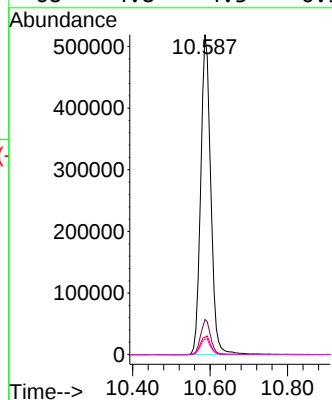
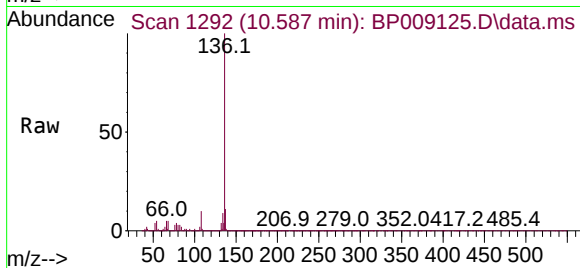
NB-08-021022

Tgt Ion:136 Resp: 934320
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 5.5 4.9 7.3
68 4.8 4.3 6.5

Manual Integrations

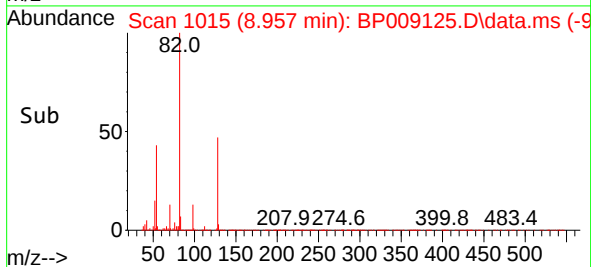
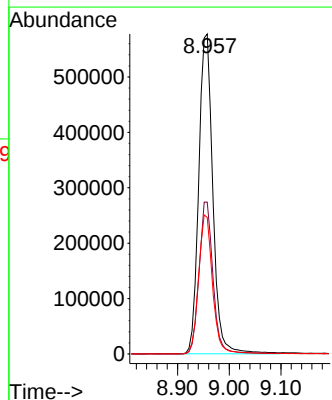
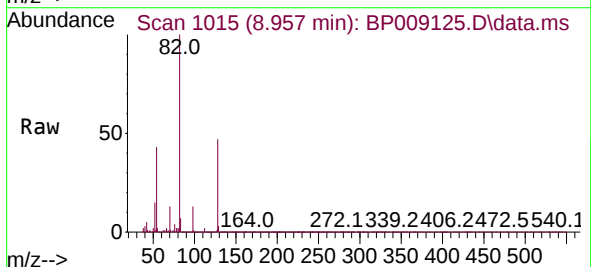
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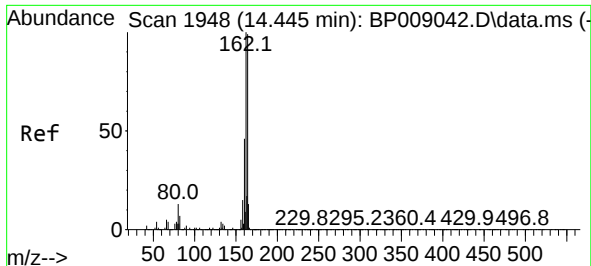
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#23
Nitrobenzene-d5
Concen: 66.187 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion: 82 Resp: 1096574
Ion Ratio Lower Upper
82 100
128 47.5 39.4 59.2
54 42.7 32.6 48.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :

BNA_P

ClientSampleId :

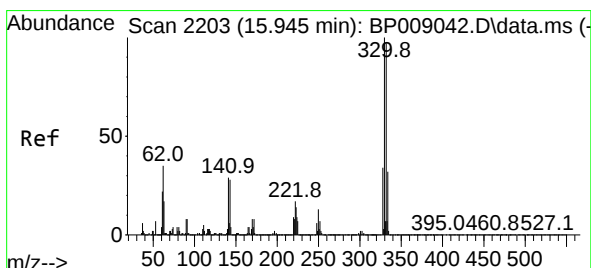
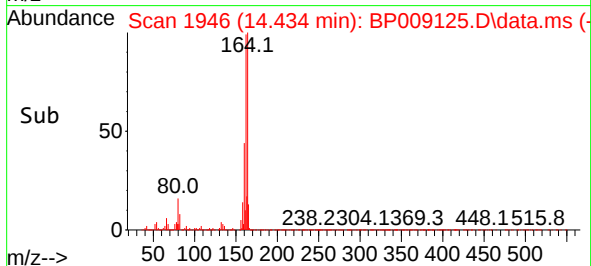
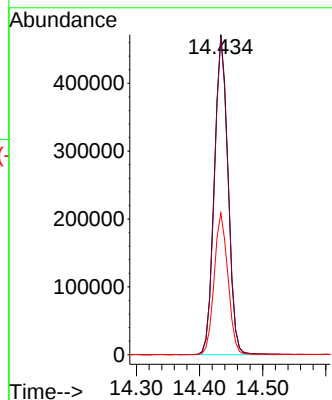
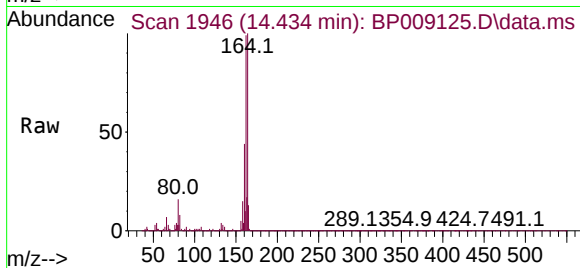
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Tgt Ion:164 Resp: 70916
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 44.2 35.5 53.3

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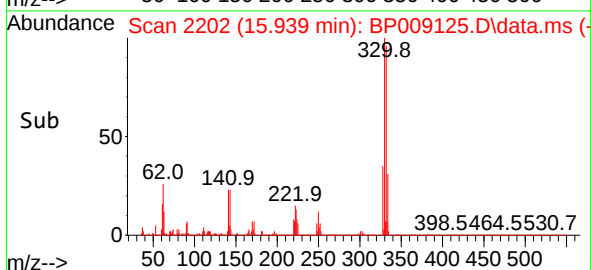
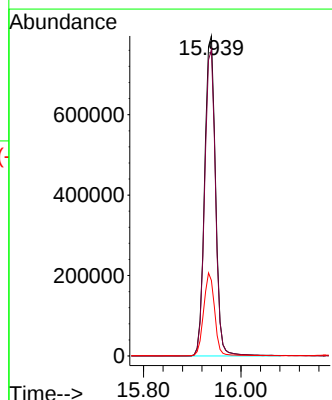
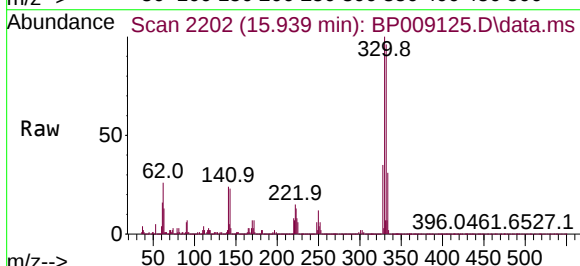
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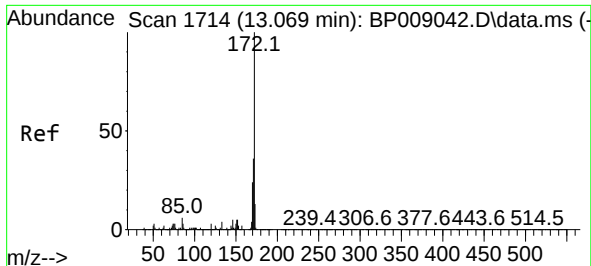
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#42
2,4,6-Tribromophenol
Concen: 129.896 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion:330 Resp: 1229932
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 26.2 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 63.507 ng
RT: 13.057 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :

BNA_P

ClientSampleId :

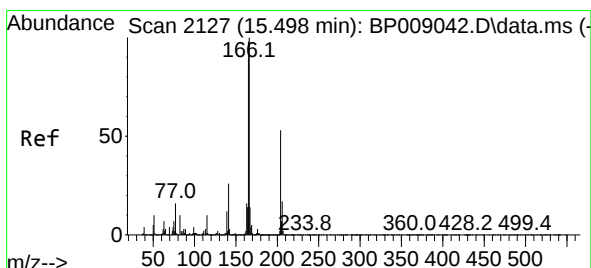
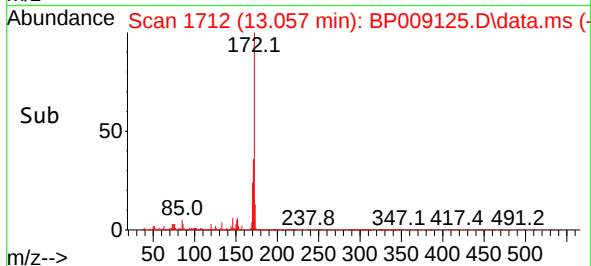
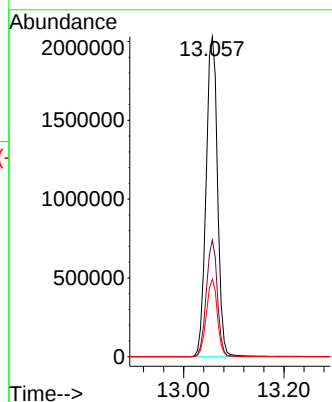
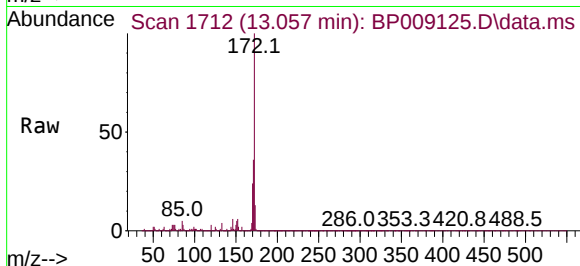
NB-08-021022

Tgt Ion:172 Resp: 3217184
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 24.2 19.5 29.3

Manual Integrations

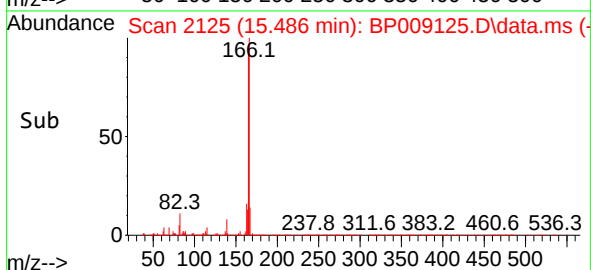
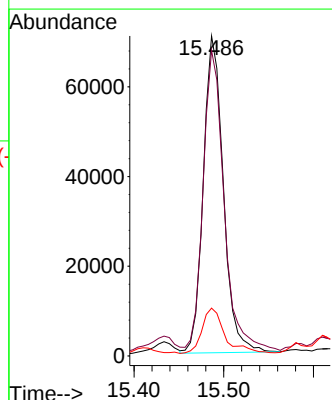
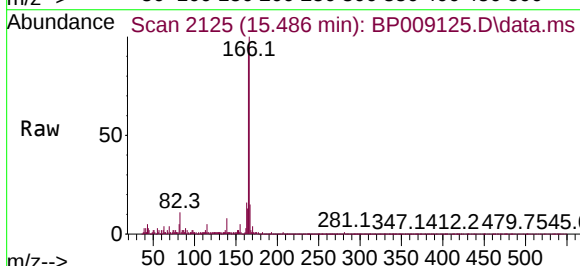
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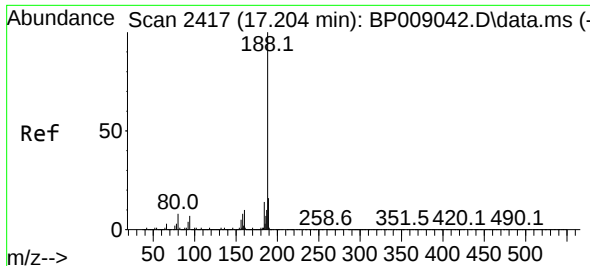
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#58
Fluorene
Concen: 2.231 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion:166 Resp: 109658
Ion Ratio Lower Upper
166 100
165 95.5 77.2 115.8
167 15.0 11.2 16.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :

BNA_P

ClientSampleId :

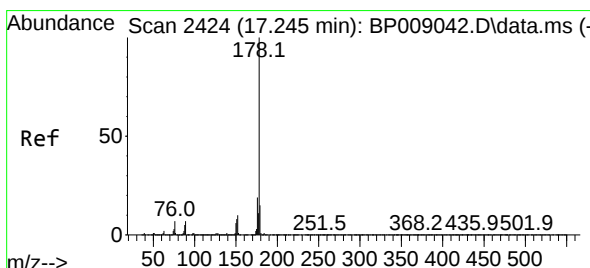
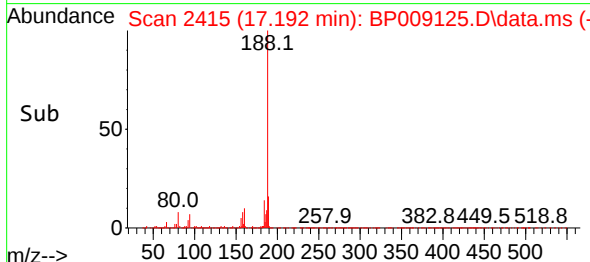
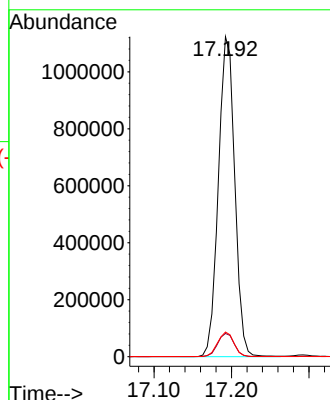
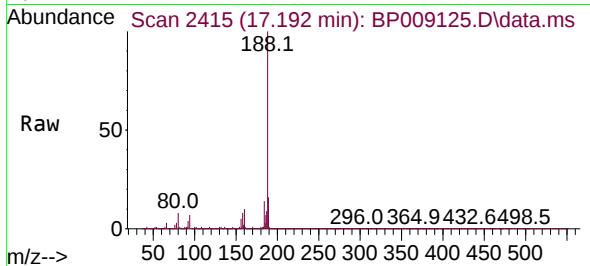
NB-08-021022

Tgt Ion:188 Resp: 1651570
Ion Ratio Lower Upper
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94 7.3 6.8 10.2
80 7.7 7.2 10.8

Manual Integrations

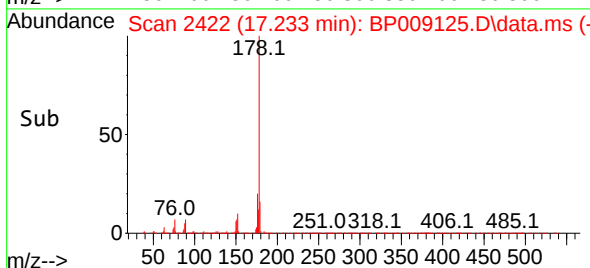
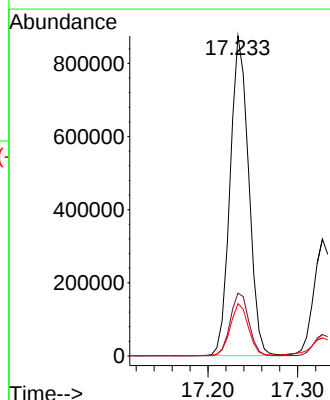
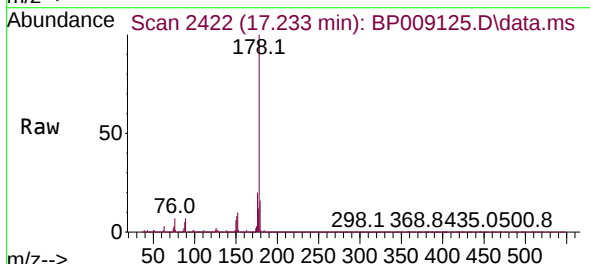
APPROVED

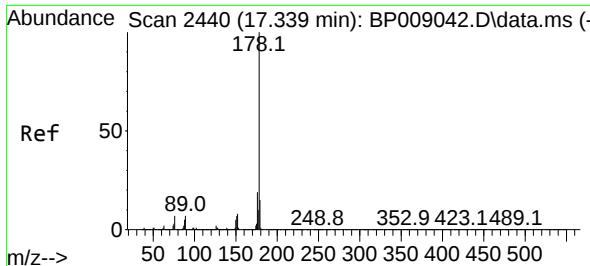
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#71
Phenanthrene
Concen: 14.003 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion:178 Resp: 1252253
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.4 13.0 19.4





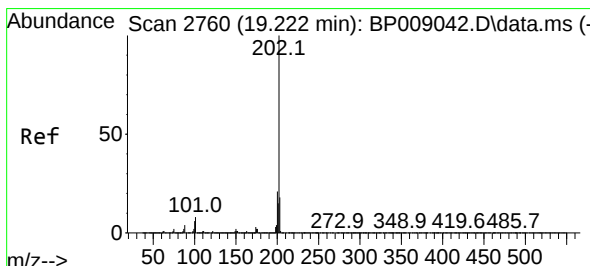
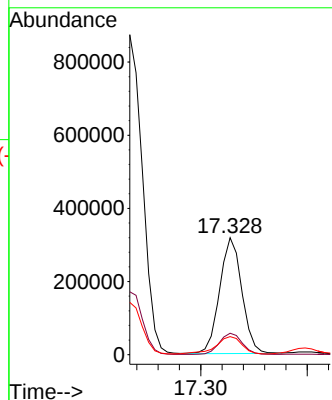
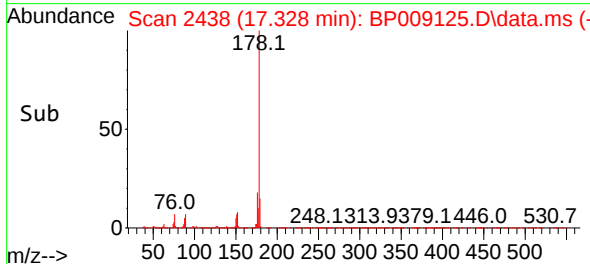
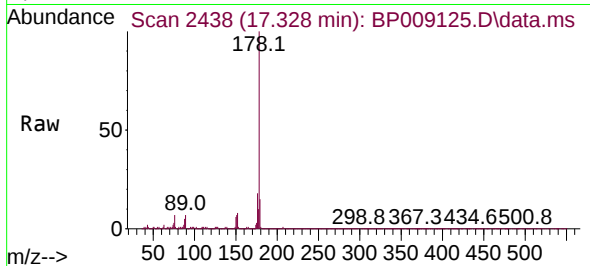
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 Anthracene
 Concen: 5.248 ng
 RT: 17.328 min Scan# 2440
 Delta R.T. -0.012 min
 Lab File: BP009125.D
 Acq: 11 Feb 2022 21:51

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-021022

Tgt Ion:178 Resp: 45918
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.5 12.8 19.2

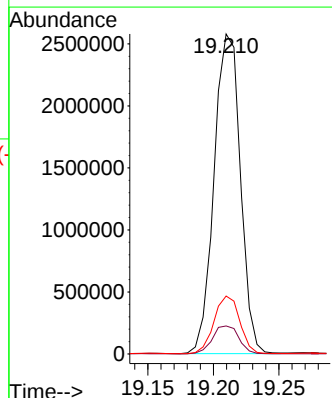
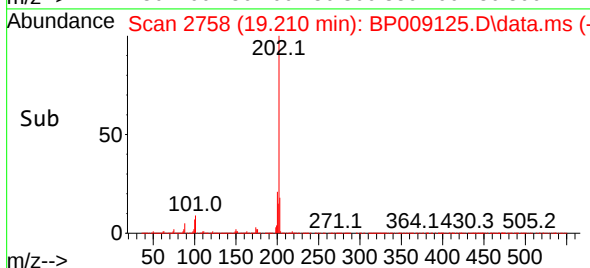
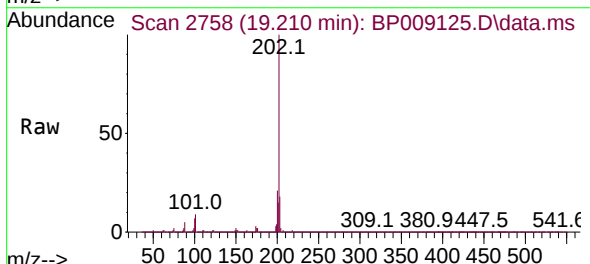
Manual Integrations
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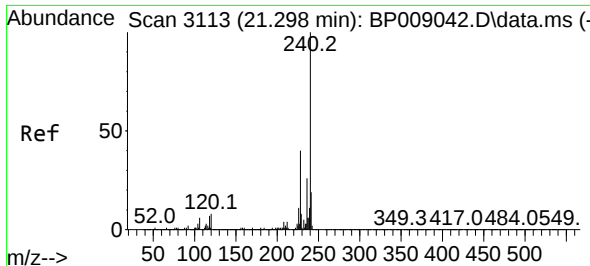
Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022



#75
 Fluoranthene
 Concen: 35.867 ng
 RT: 19.210 min Scan# 2758
 Delta R.T. -0.012 min
 Lab File: BP009125.D
 Acq: 11 Feb 2022 21:51

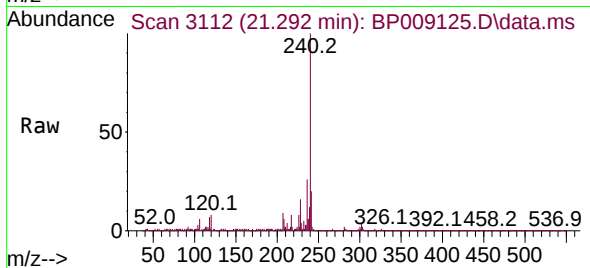
Tgt Ion:202 Resp: 3594891
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.7
 203 18.1 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

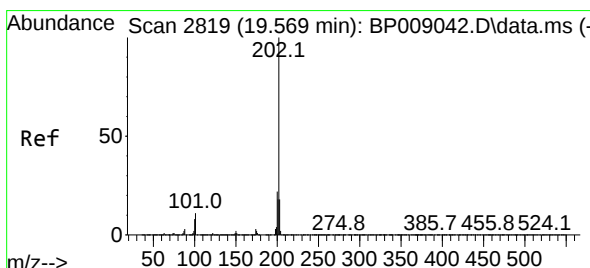
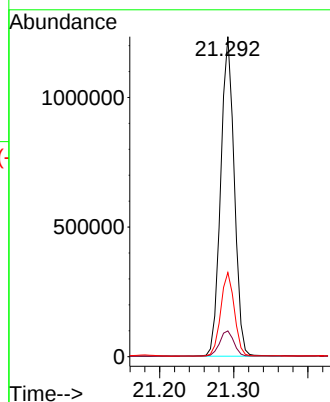
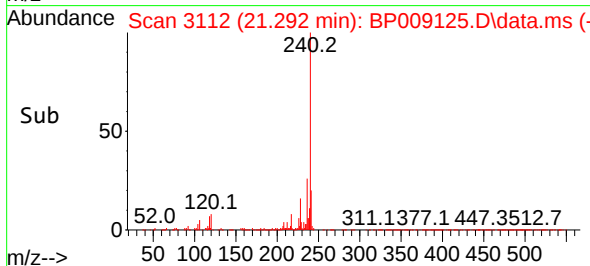
Instrument :
BNA_P
ClientSampleId :
NB-08-021022



Tgt Ion:240 Resp: 1571970
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.3 21.2 31.8

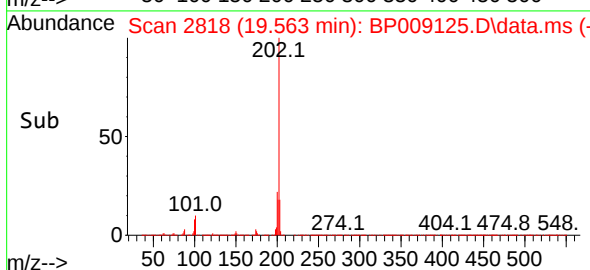
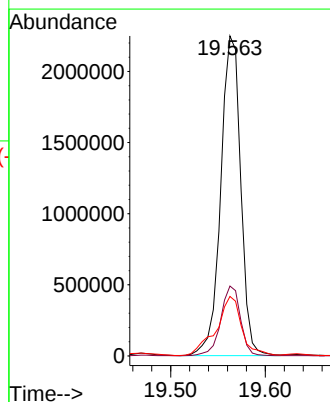
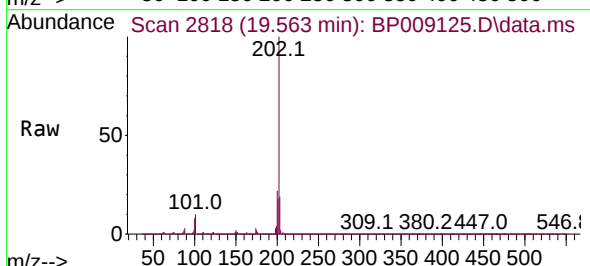
Manual Integrations
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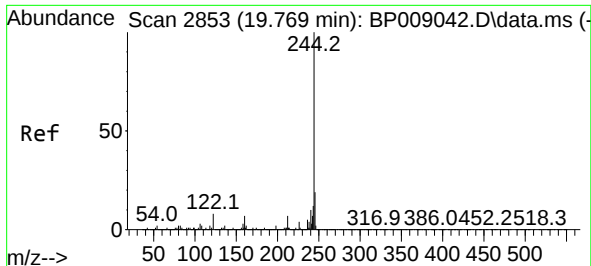
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#78
Pyrene
Concen: 29.479 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion:202 Resp: 3296440
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.6 15.0 22.6





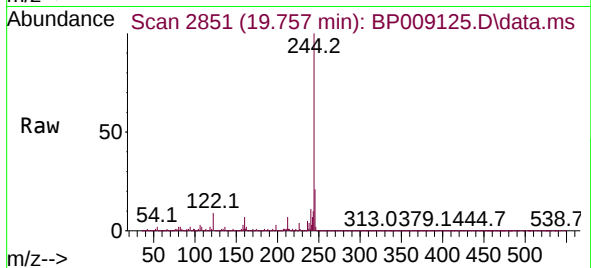
#79
 Terphenyl-d14
 Concen: 66.330 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009125.D
 Acq: 11 Feb 2022 21:51

Instrument :

BNA_P

ClientSampleId :

NB-08-021022

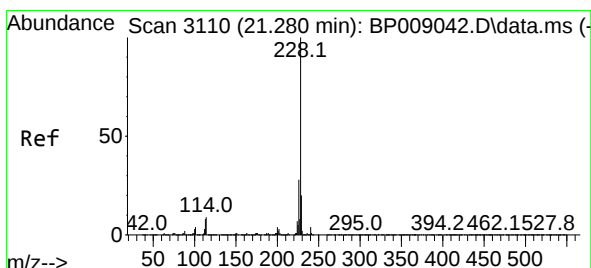
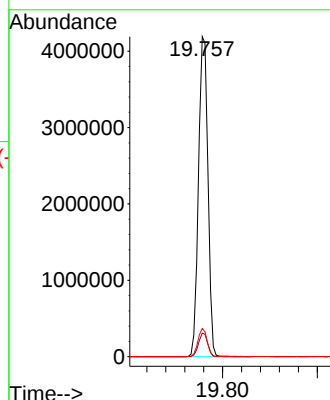
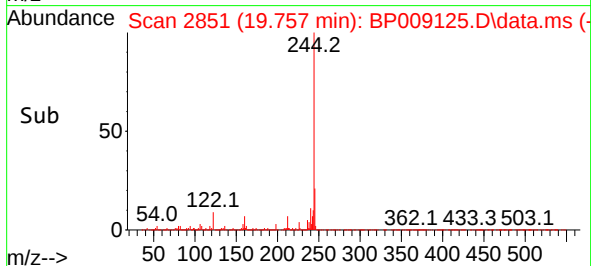


Tgt Ion:244 Resp: 5798062
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.8 9.2 13.8

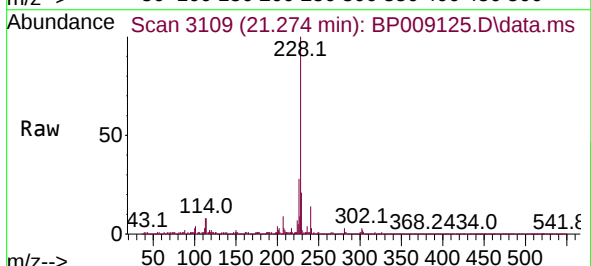
Manual Integrations

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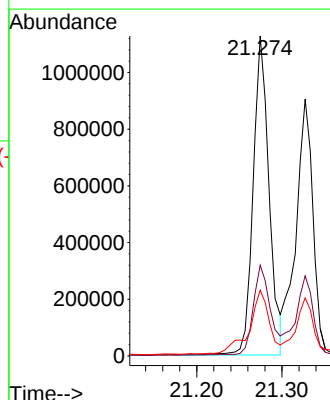
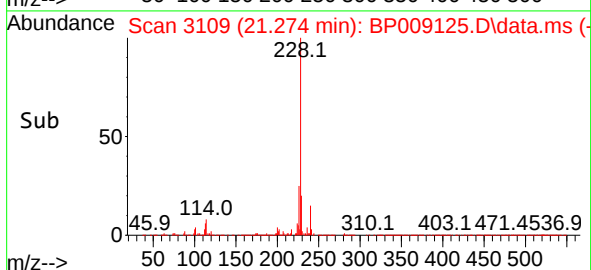
Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

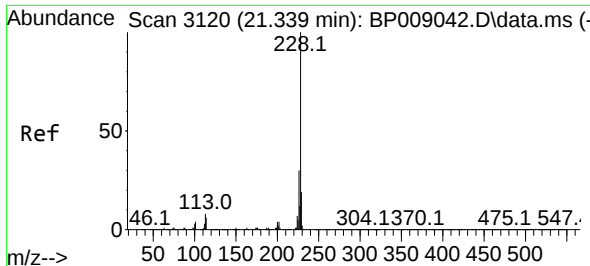


#81
 Benzo(a)anthracene
 Concen: 14.395 ng
 RT: 21.274 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP009125.D
 Acq: 11 Feb 2022 21:51



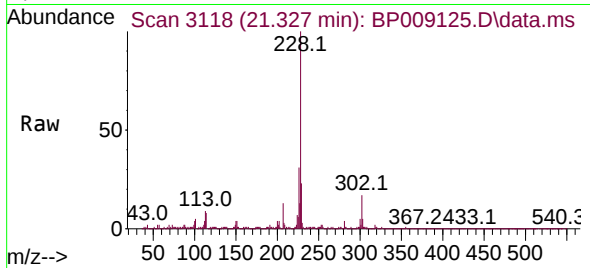
Tgt Ion:228 Resp: 1458285
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.3 34.9
 229 20.6 17.0 25.6





#83
Chrysene
Concen: 12.884 ng
RT: 21.327 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

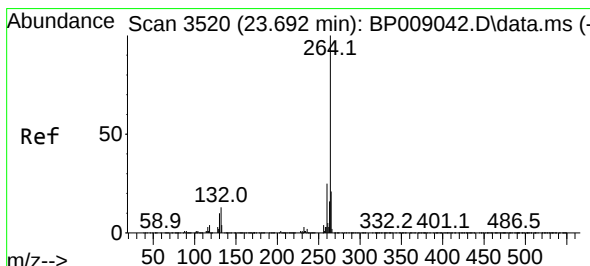
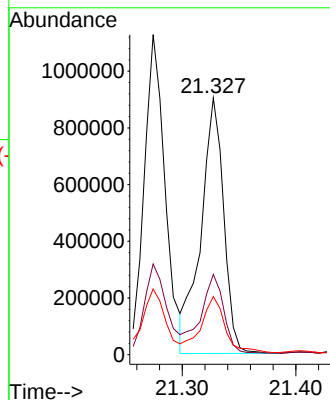
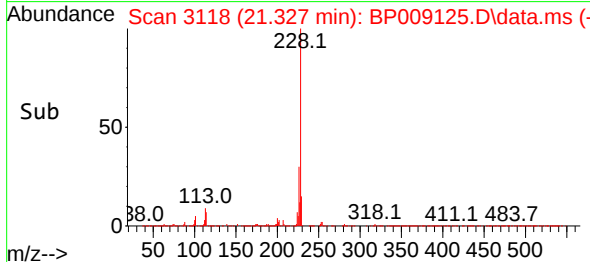
Instrument :
BNA_P
ClientSampleId :
NB-08-021022



Tgt Ion:228 Resp: 125819
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 22.6 16.9 25.3

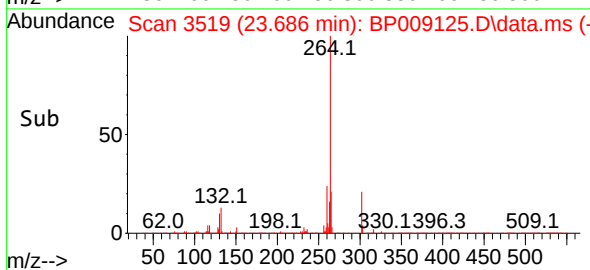
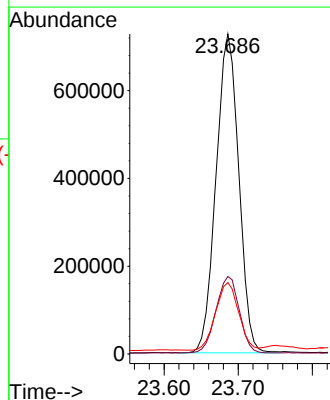
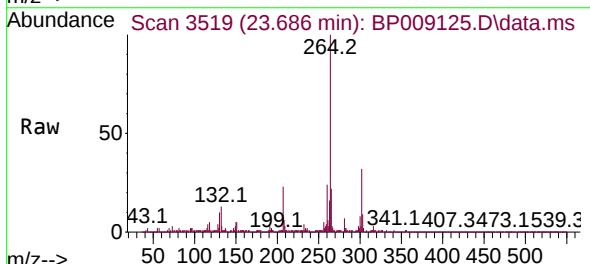
Manual Integrations
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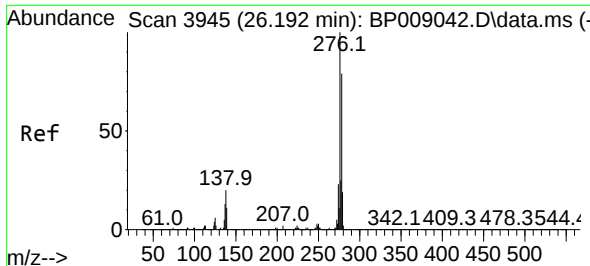
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Tgt Ion:264 Resp: 1546572
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.3 17.1 25.7





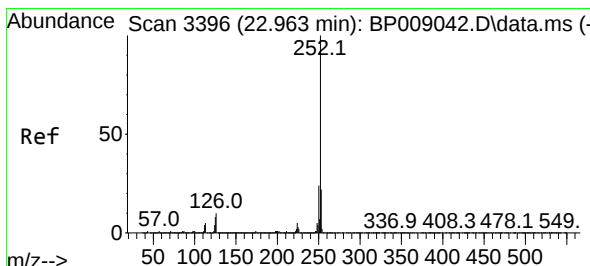
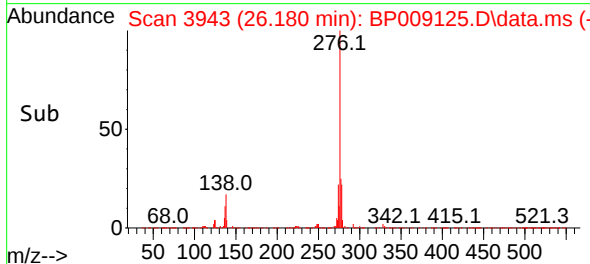
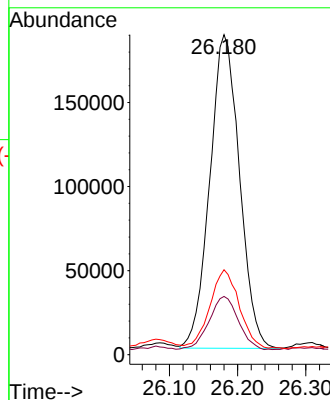
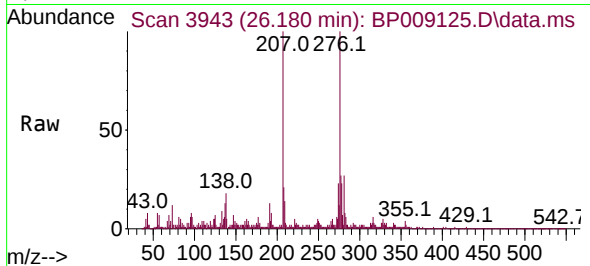
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.926 ng
RT: 26.180 min Scan# 3945
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :
BNA_P
ClientSampleId :
NB-08-021022

Tgt Ion:276 Resp: 566030
Ion Ratio Lower Upper
276 100
138 16.7 17.8 26.6
277 24.9 20.4 30.6

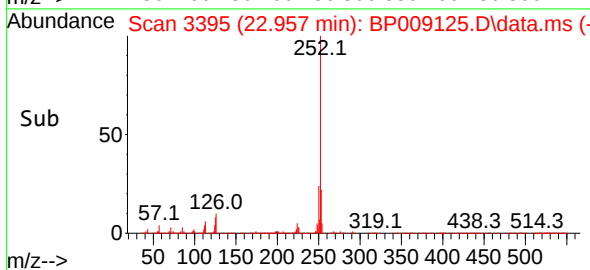
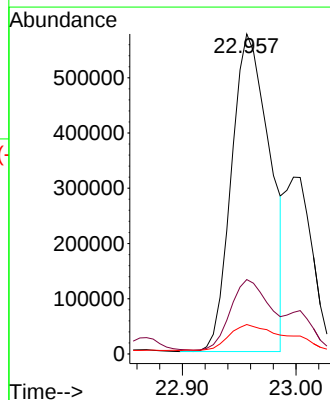
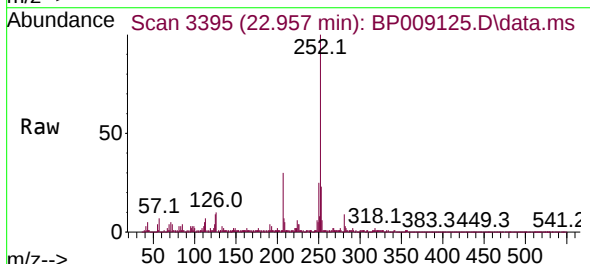
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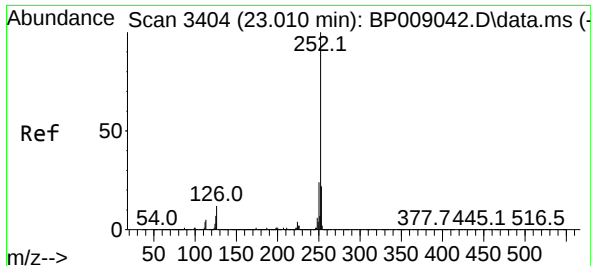
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#88
Benzo(b)fluoranthene
Concen: 14.195 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

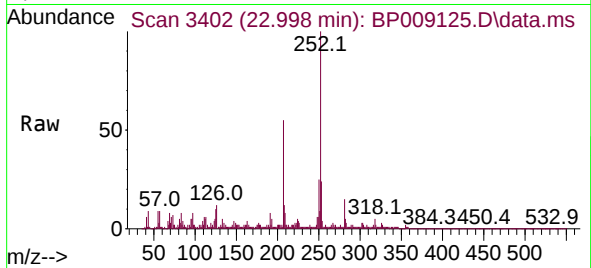
Tgt Ion:252 Resp: 1351480
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 9.2 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 5.462 ng m
RT: 22.998 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

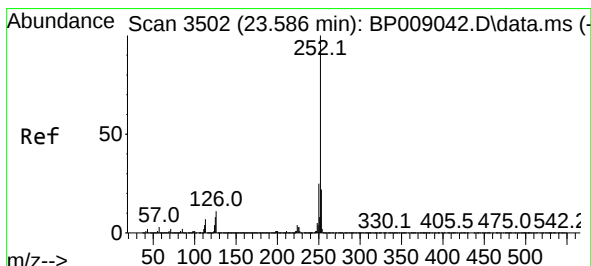
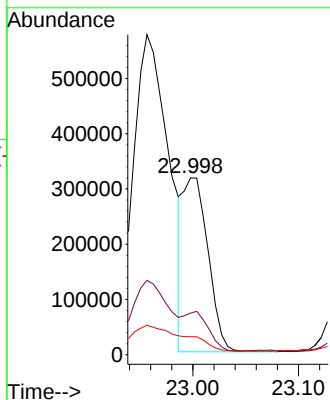
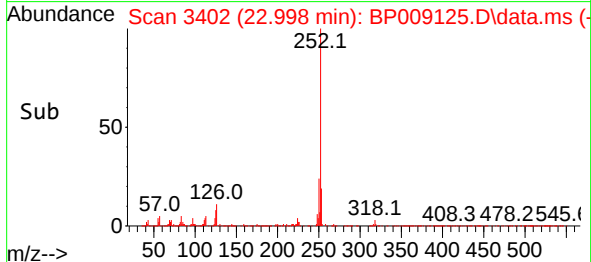
Instrument :
BNA_P
ClientSampleId :
NB-08-021022



Tgt Ion:252 Resp: 518800
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 10.1 7.3 10.9

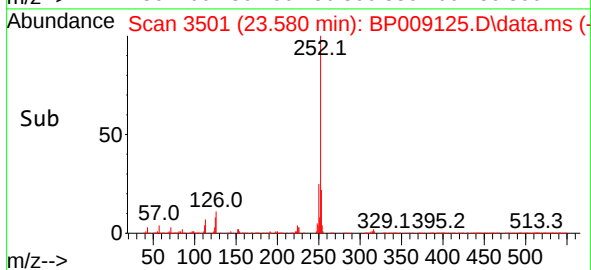
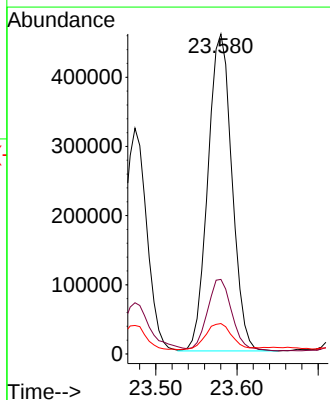
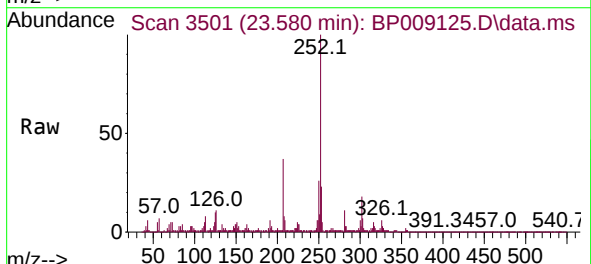
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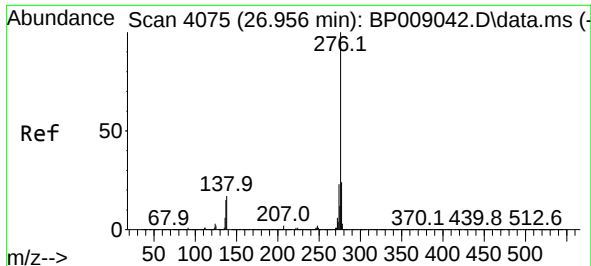
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#90
Benzo(a)pyrene
Concen: 11.891 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

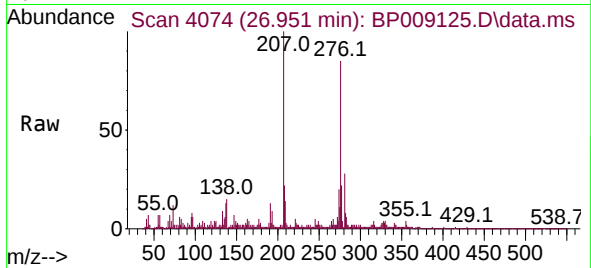
Tgt Ion:252 Resp: 943898
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.5 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 5.796 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.006 min
Lab File: BP009125.D
Acq: 11 Feb 2022 21:51

Instrument :
BNA_P
ClientSampleId :
NB-08-021022



Tgt Ion:276 Resp: 544958
Ion Ratio Lower Upper
276 100
277 26.0 19.2 28.8
138 18.0 15.0 22.4

Manual Integrations
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Supervised By :mohammad ahmed 02/15/2022

