

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009127.D
 Acq On : 11 Feb 2022 22:58
 Operator : CG/JU
 Sample : N1496-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-021022

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 00:40:34 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	264917	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1091619	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	800592	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1695928	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1495478	20.000	ng	0.00
86) Perylene-d12	23.692	264	1502832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	644720	43.412	ng	0.00
7) Phenol-d6	6.987	99	860481	43.972	ng	0.00
23) Nitrobenzene-d5	8.957	82	520469	26.888	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	517438	48.407	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1564523	27.357	ng	-0.01
79) Terphenyl-d14	19.757	244	2561944	30.808	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.157	152	204502	2.902	ng	99
71) Phenanthrene	17.239	178	884413	9.631	ng	98
72) Anthracene	17.328	178	350949	3.906	ng	100
75) Fluoranthene	19.210	202	1896017	18.422	ng	98
78) Pyrene	19.563	202	1878403	17.657	ng	98
81) Benzo(a)anthracene	21.280	228	872049	9.049	ng	98
83) Chrysene	21.327	228	825504m	8.885	ng	
87) Indeno(1,2,3-cd)pyrene	26.192	276	438550	3.927	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	887072	9.588	ng	# 96
89) Benzo(k)fluoranthene	23.004	252	296821m	3.216	ng	
90) Benzo(a)pyrene	23.586	252	681493	8.835	ng	97
92) Benzo(g,h,i)perylene	26.962	276	434779	4.759	ng	96

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

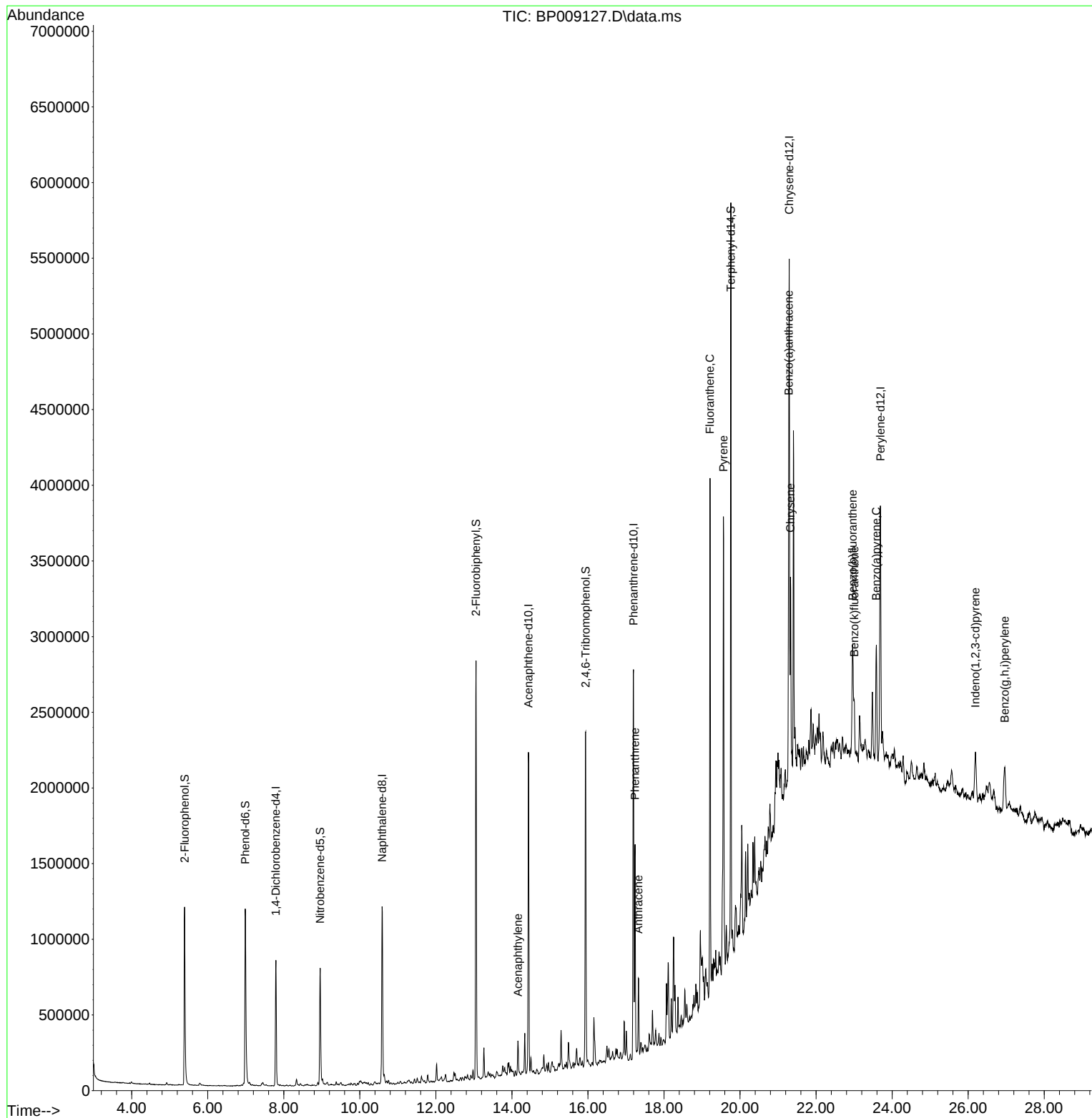
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009127.D
Acq On : 11 Feb 2022 22:58
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ALS Vial : 18 Sample Multiplier: 1

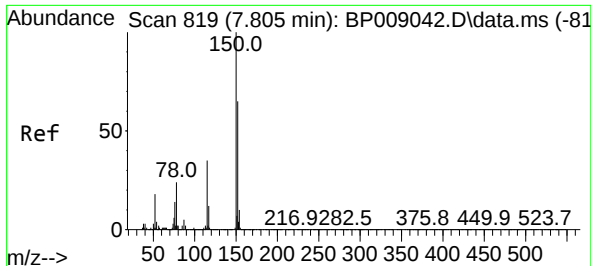
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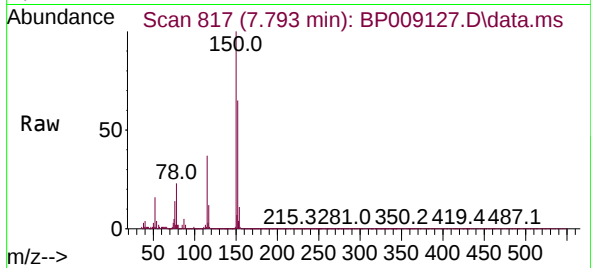
Quant Time: Feb 12 00:40:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

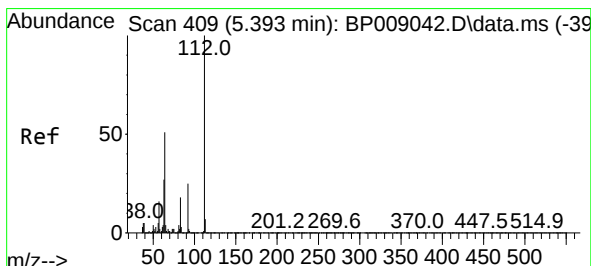
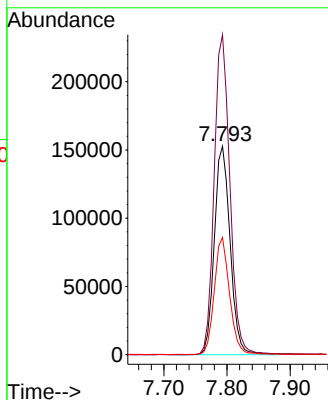
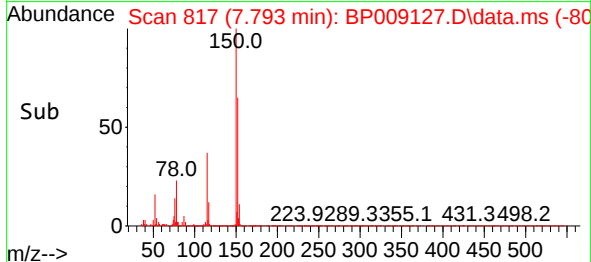
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



Tgt Ion:152 Resp: 264917
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.6
115 56.2 43.7 65.5

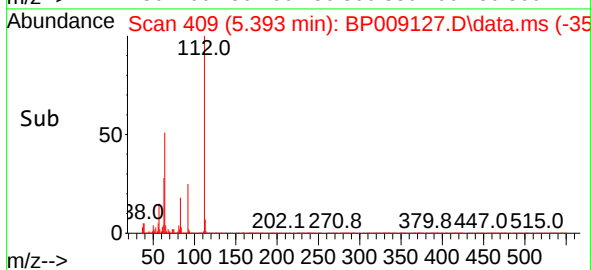
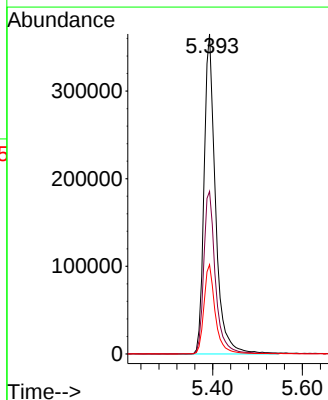
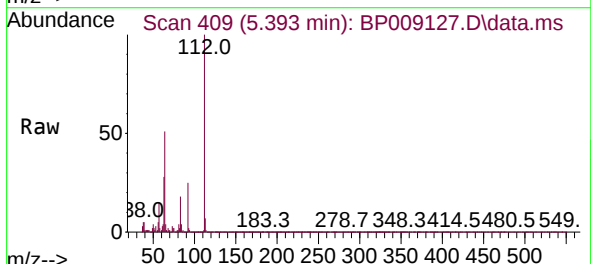
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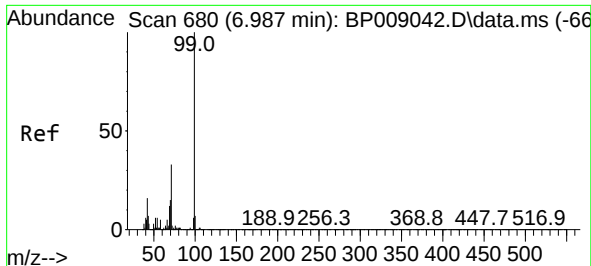
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#5
2-Fluorophenol
Concen: 43.412 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

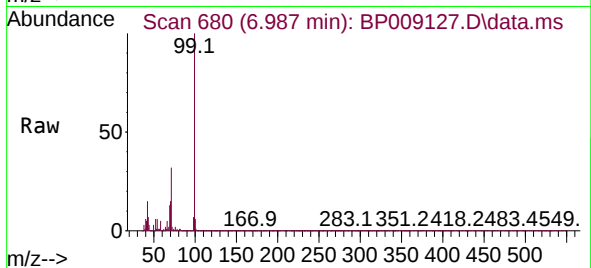
Tgt Ion:112 Resp: 644720
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 27.9 20.0 30.0





#7
Phenol-d6
Concen: 43.972 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

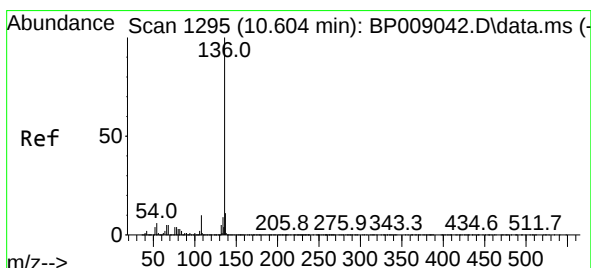
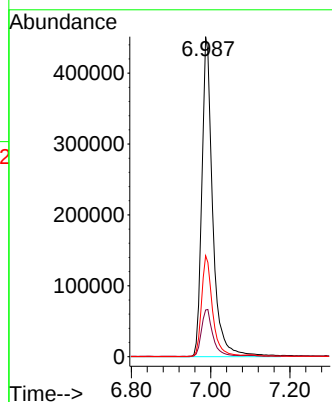
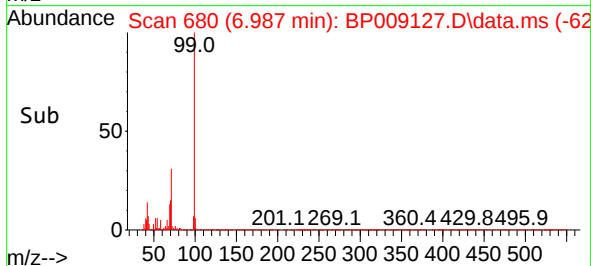
Instrument :
BNA_P
ClientSampleId :
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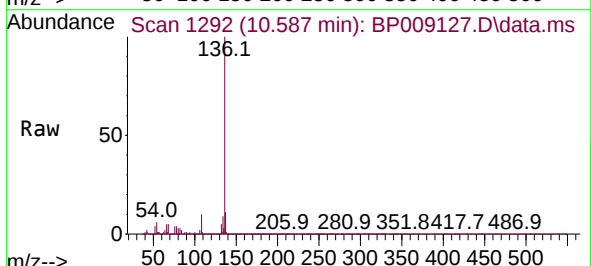
Tgt Ion: 99 Resp: 86048
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 31.6 23.8 35.6

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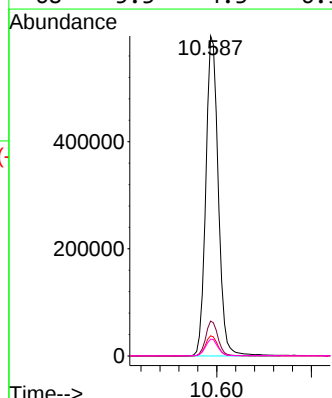
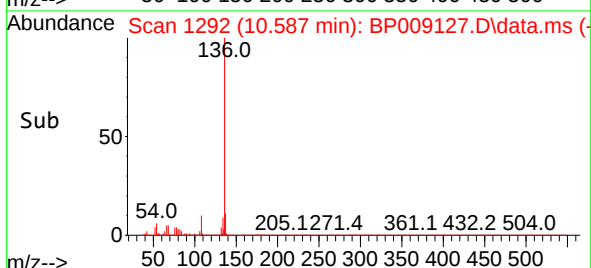
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

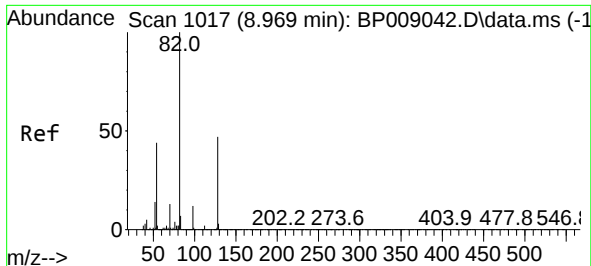


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58



Tgt Ion:136 Resp: 1091619
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5





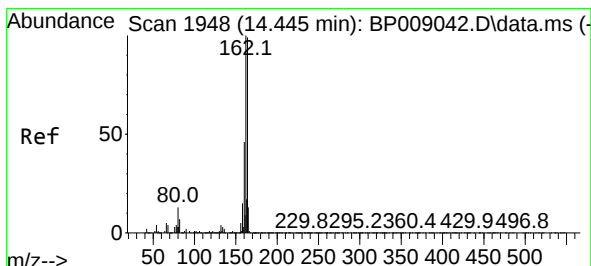
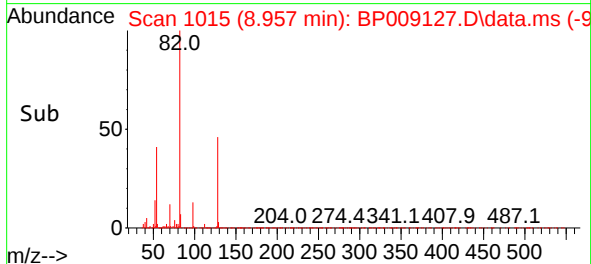
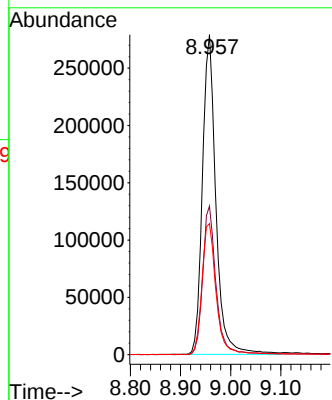
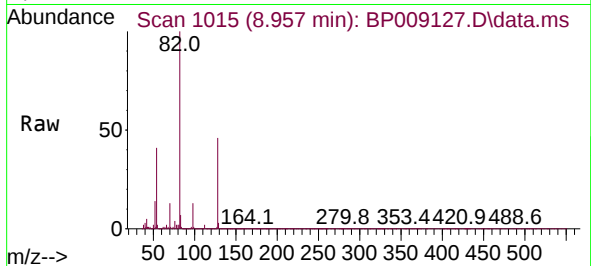
#23
Nitrobenzene-d5
Concen: 26.888 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Instrument :
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ClientSampleId :
OK-01-021022

Tgt Ion: 82 Resp: 520469
Ion Ratio Lower Upper
82 100
128 46.4 39.4 59.2
54 41.0 32.6 48.8

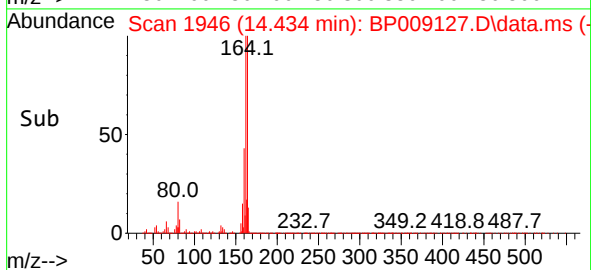
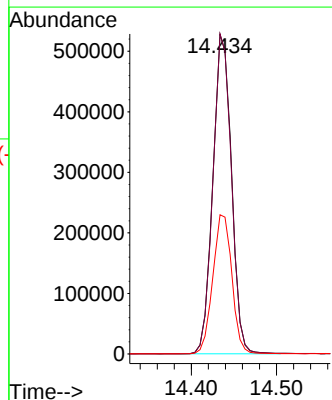
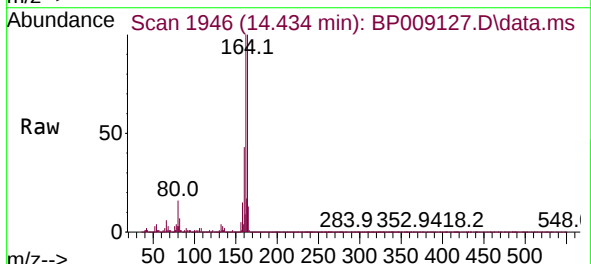
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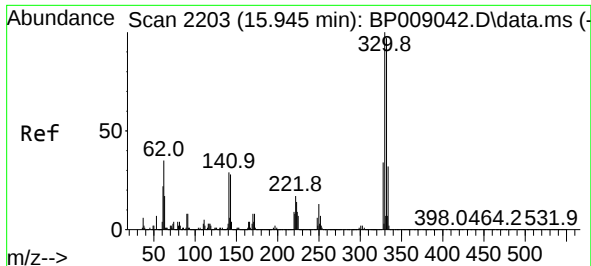
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

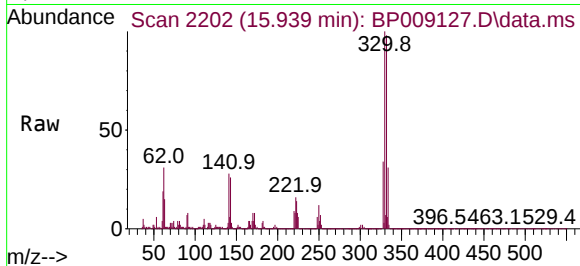
Tgt Ion:164 Resp: 800592
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 43.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 48.407 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

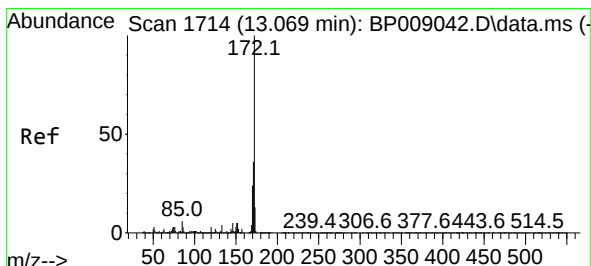
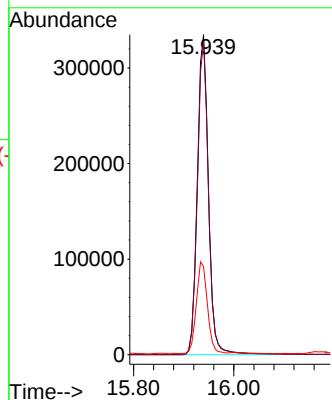
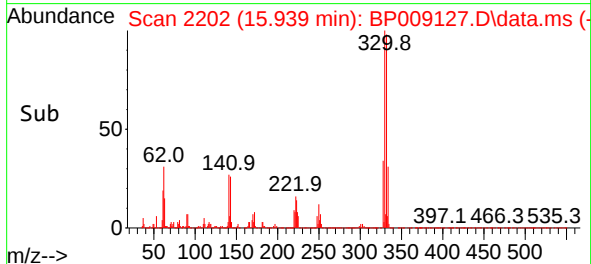
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



Tgt Ion: 330 Resp: 517438
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 28.3 21.3 31.9

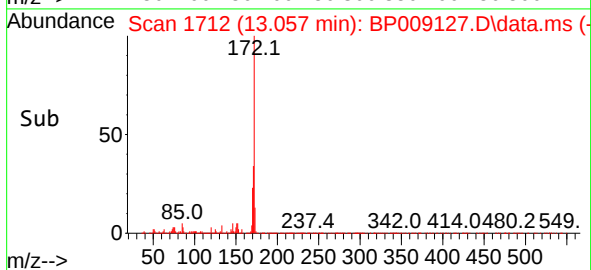
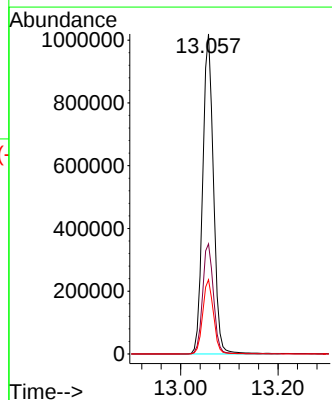
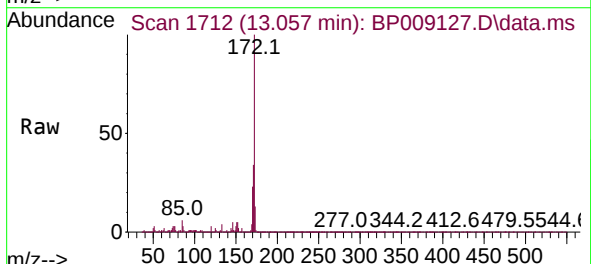
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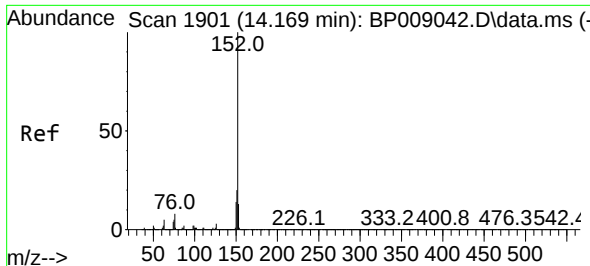
Reviewed By : Jagrut Upadhyay 02/14/2022
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#45
2-Fluorobiphenyl
Concen: 27.357 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

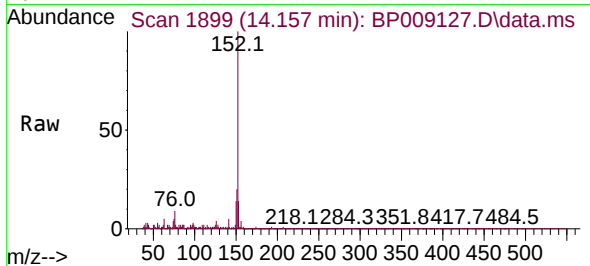
Tgt Ion: 172 Resp: 1564523
Ion Ratio Lower Upper
172 100
171 34.4 29.3 43.9
170 23.2 19.5 29.3





#49
Acenaphthylene
Concen: 2.902 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

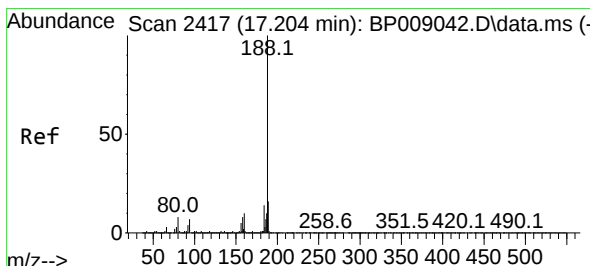
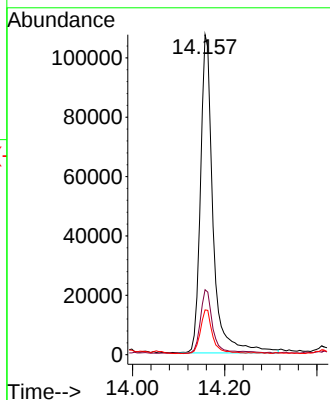
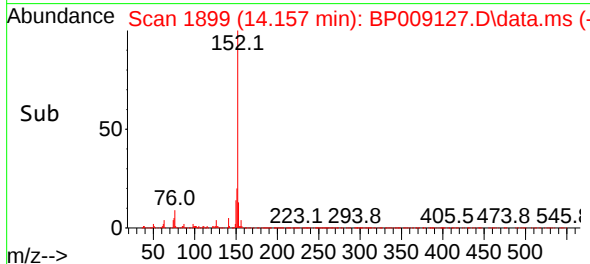
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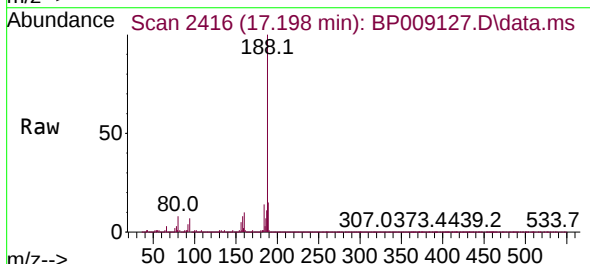
Tgt Ion:152 Resp: 204502
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.0 10.6 16.0

Manual Integrations
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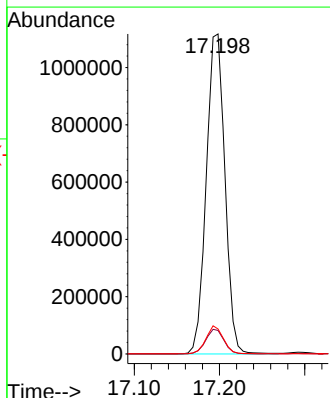
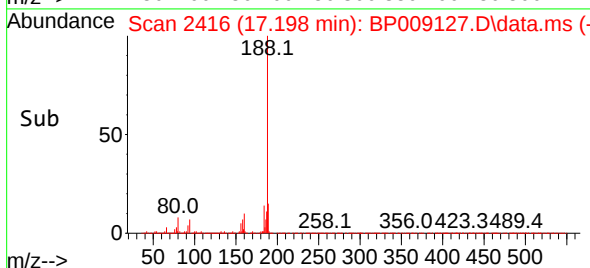
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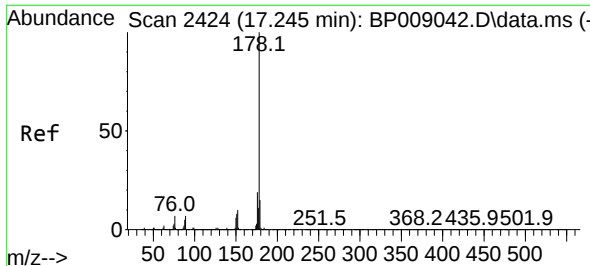


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58



Tgt Ion:188 Resp: 1695928
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 7.2 10.8





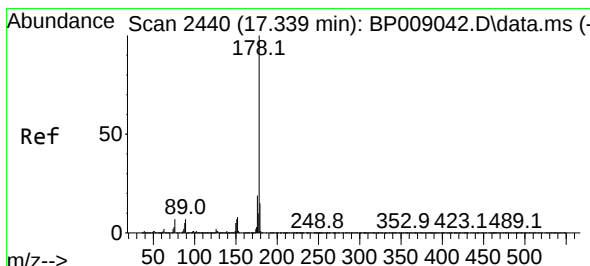
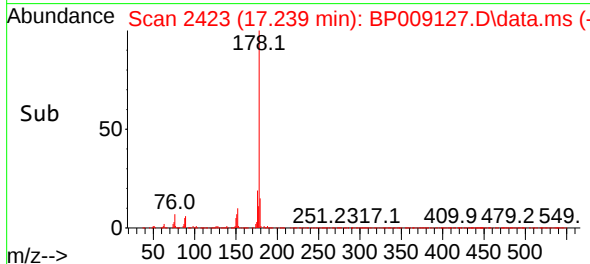
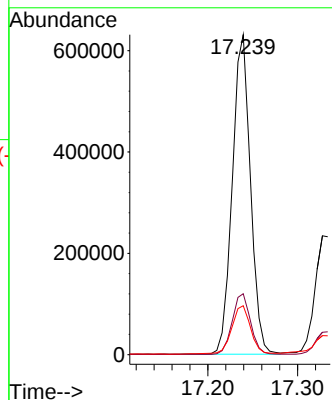
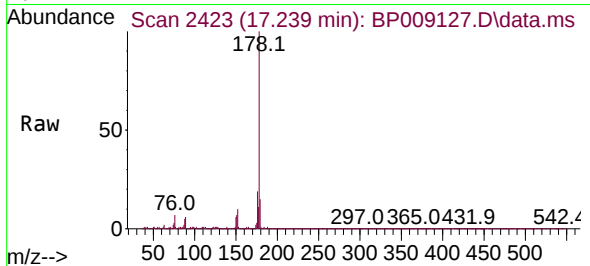
#71
Phenanthrene
Concen: 9.631 ng
RT: 17.239 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Instrument :
BNA_P
ClientSampleId :
OK-01-021022

Tgt Ion:178 Resp: 88441
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 13.0 19.4

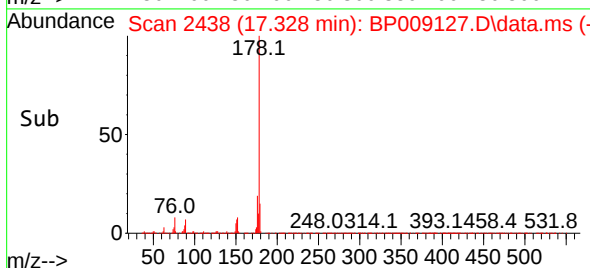
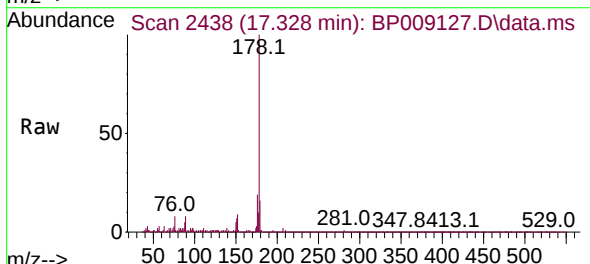
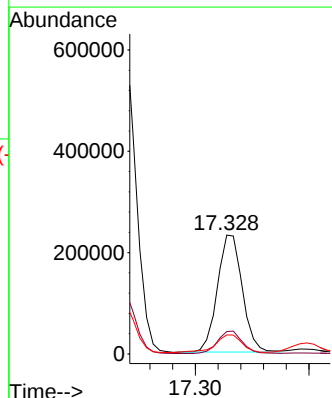
Manual Integrations
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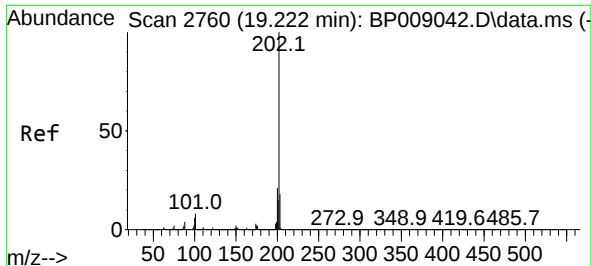
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#72
Anthracene
Concen: 3.906 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

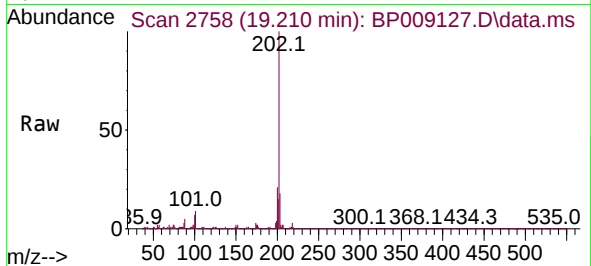
Tgt Ion:178 Resp: 350949
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.1 12.8 19.2





#75
Fluoranthene
Concen: 18.422 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

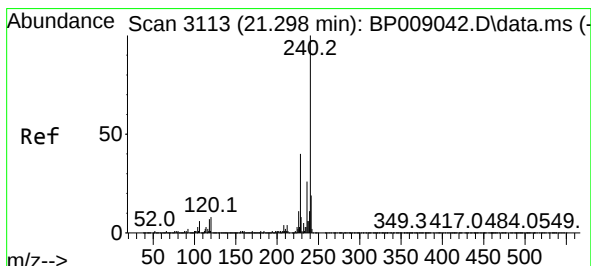
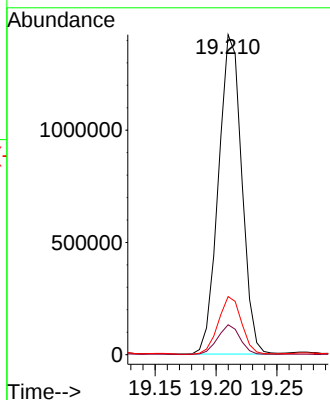
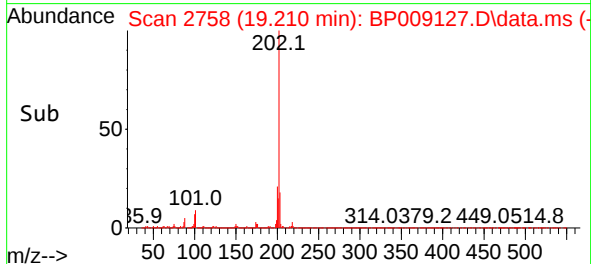
Instrument :
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OK-01-021022



Tgt Ion:202 Resp: 189601
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 18.2 0.0 38.9

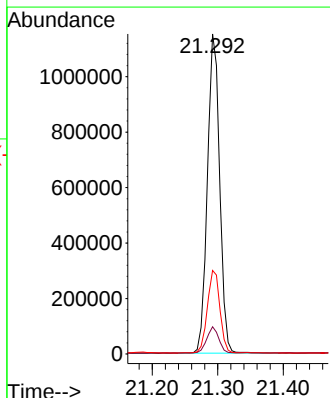
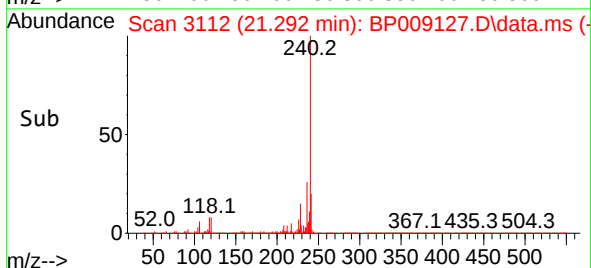
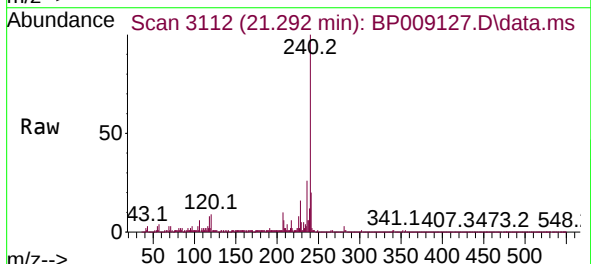
Manual Integrations
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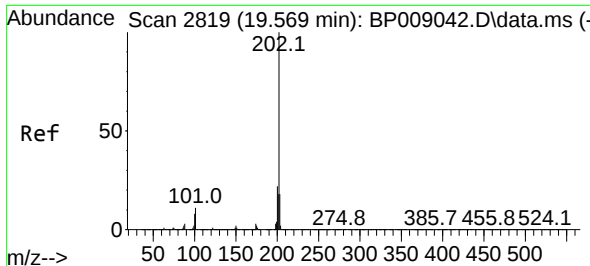
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Tgt Ion:240 Resp: 1495478
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.1 21.2 31.8





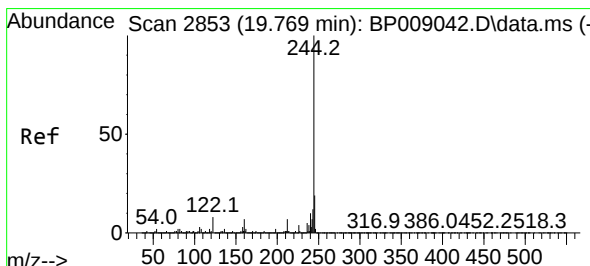
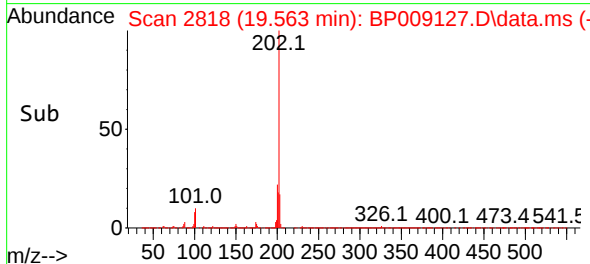
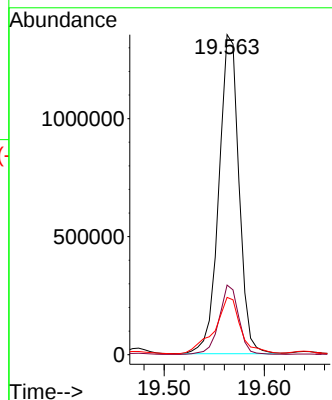
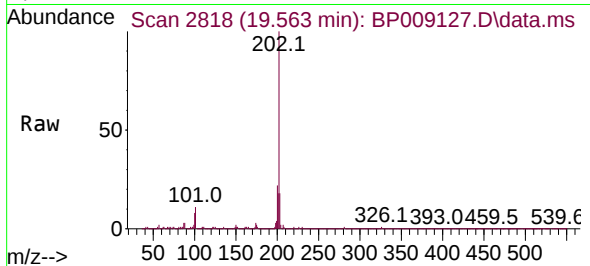
#78
Pyrene
Concen: 17.657 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

Instrument :
BNA_P
ClientSampleId :
OK-01-021022

Tgt Ion:202 Resp: 187840
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 17.9 15.0 22.6

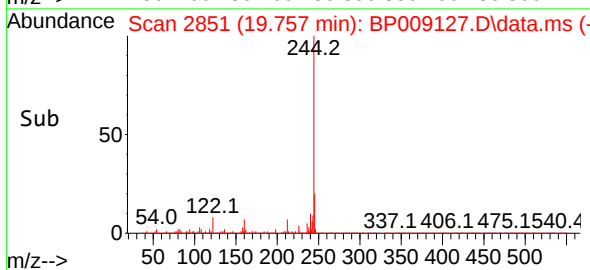
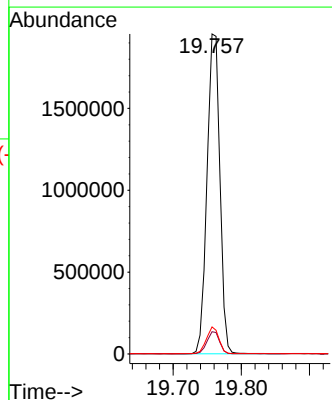
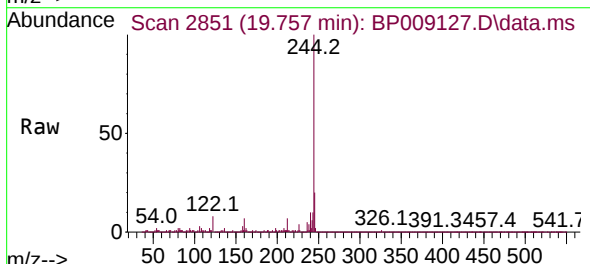
Manual Integrations
APPROVED

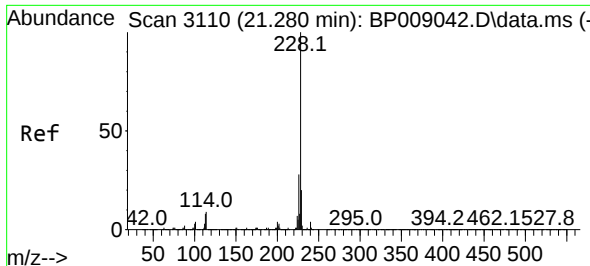
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#79
Terphenyl-d14
Concen: 30.808 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

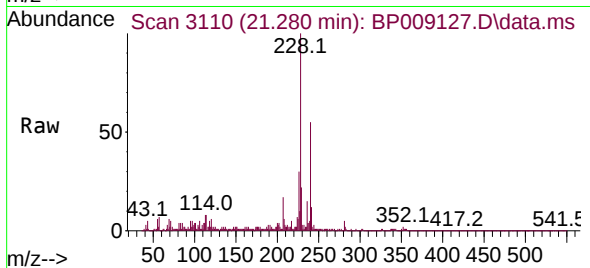
Tgt Ion:244 Resp: 2561944
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 8.5 9.2 13.8





#81
Benzo(a)anthracene
Concen: 9.049 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

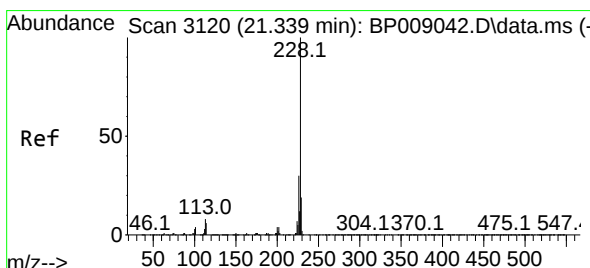
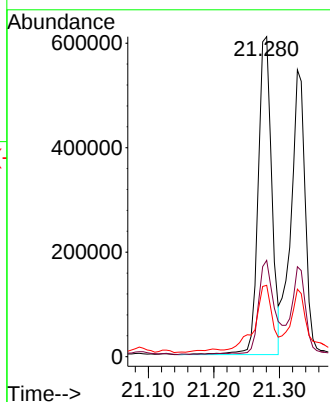
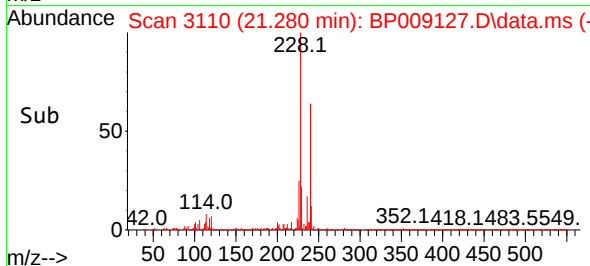
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



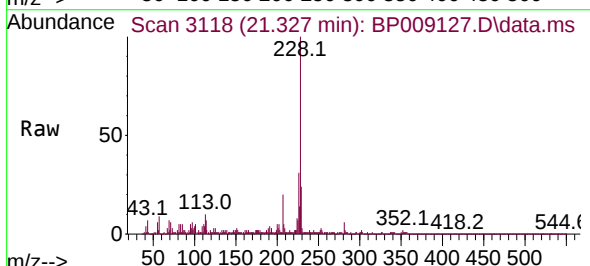
Tgt Ion:228 Resp: 872049
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 22.3 17.0 25.6

Manual Integrations
APPROVED

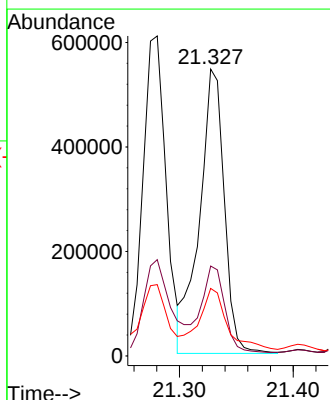
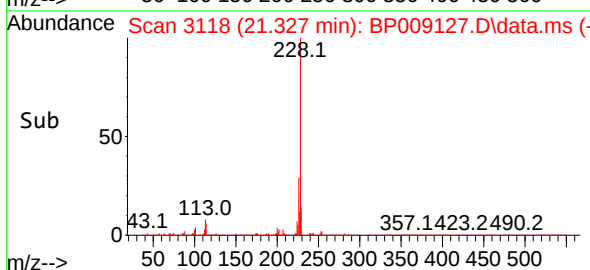
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

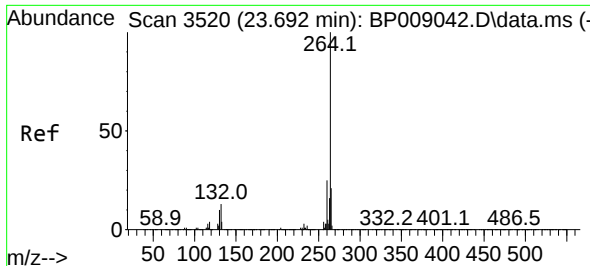


#83
Chrysene
Concen: 8.885 ng m
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58



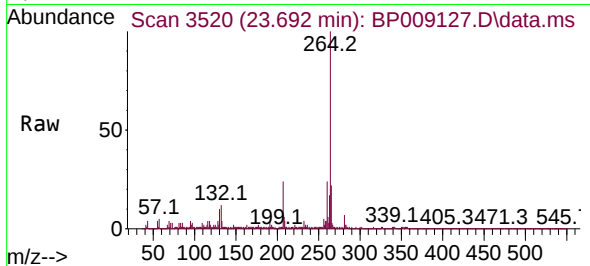
Tgt Ion:228 Resp: 825504
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 23.5 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

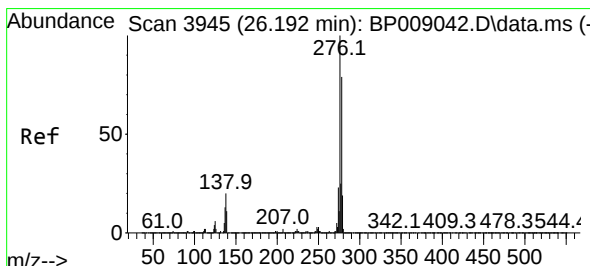
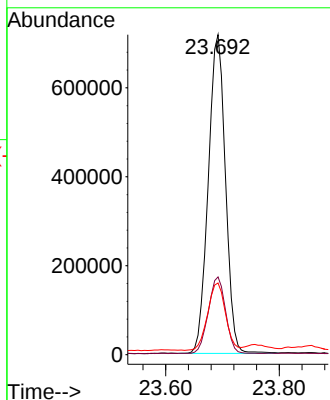
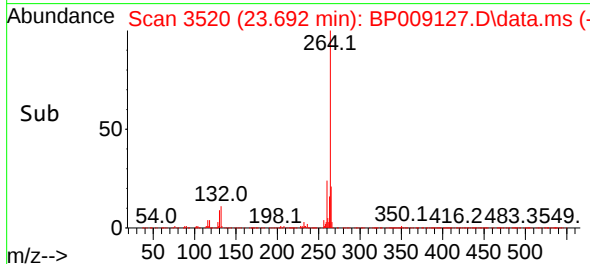
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



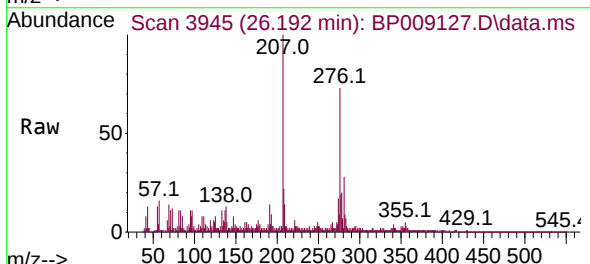
Tgt Ion:264 Resp: 150283
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.4 17.1 25.7

Manual Integrations
APPROVED

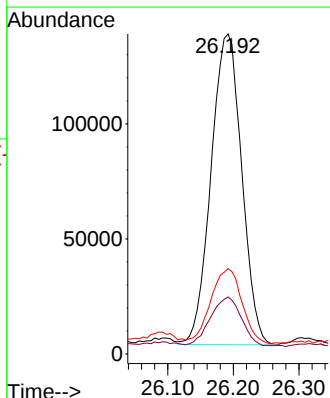
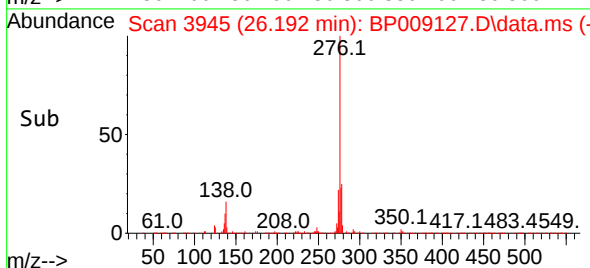
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

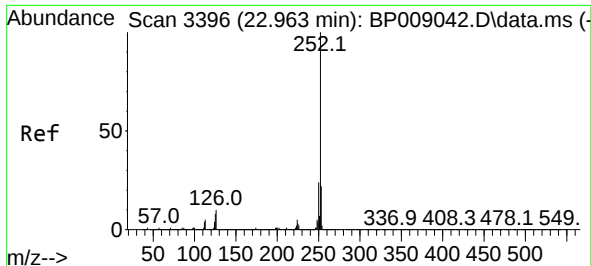


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.927 ng
RT: 26.192 min Scan# 3945
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58



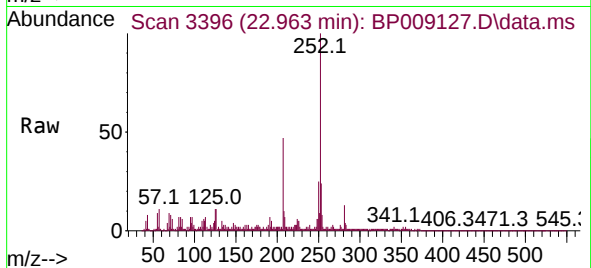
Tgt Ion:276 Resp: 438550
Ion Ratio Lower Upper
276 100
138 16.4 17.8 26.6#
277 24.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 9.588 ng
RT: 22.963 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

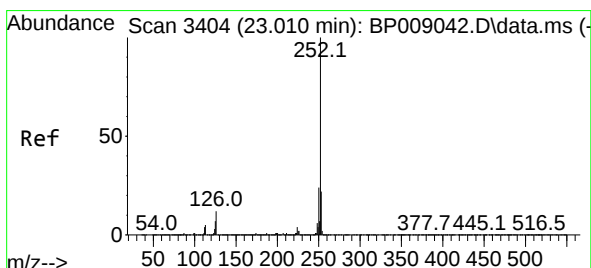
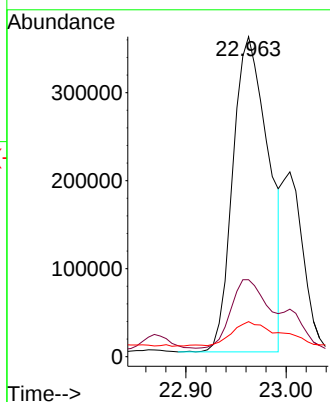
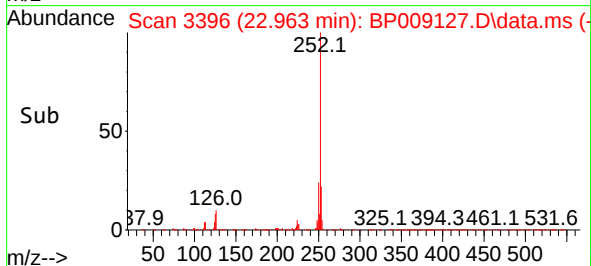
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



Tgt Ion:252 Resp: 887072
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 11.0 6.9 10.3

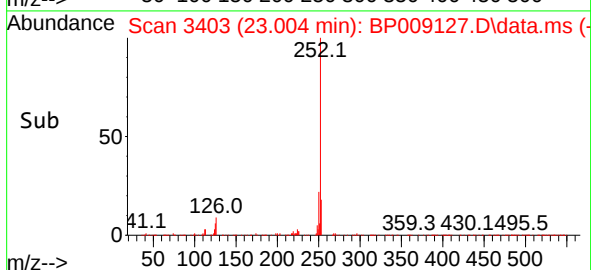
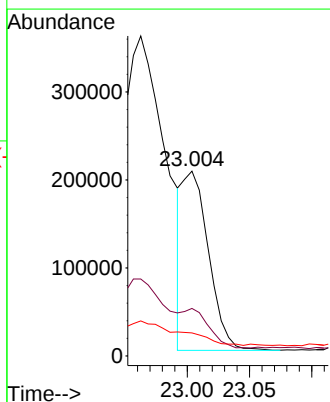
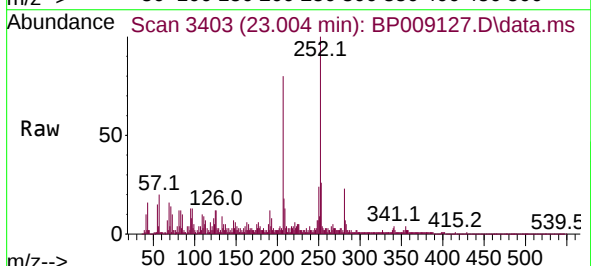
Manual Integrations
APPROVED

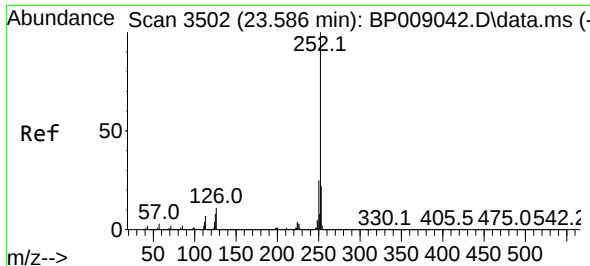
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#89
Benzo(k)fluoranthene
Concen: 3.216 ng m
RT: 23.004 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

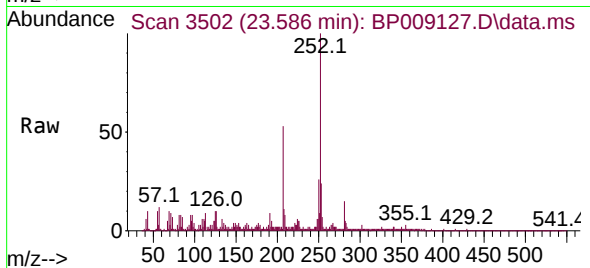
Tgt Ion:252 Resp: 296821
Ion Ratio Lower Upper
252 100
253 25.7 18.2 27.2
125 12.5 7.3 10.9





#90
Benzo(a)pyrene
Concen: 8.835 ng
RT: 23.586 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58

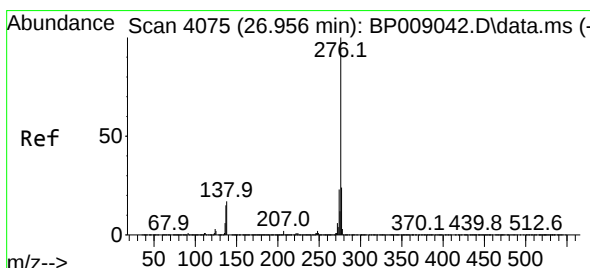
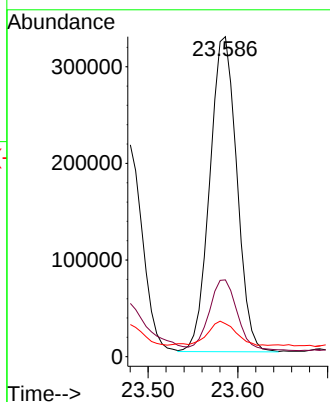
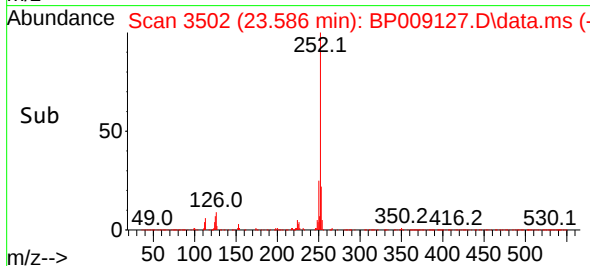
Instrument :
BNA_P
ClientSampleId :
OK-01-021022



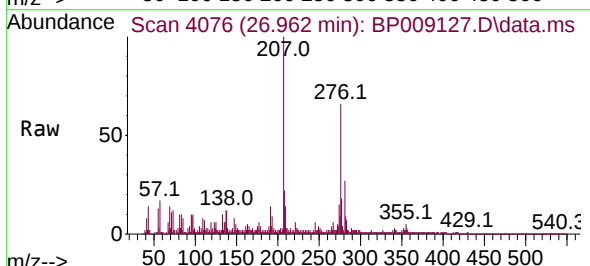
Tgt Ion:252 Resp: 68149
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 10.3 7.8 11.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.759 ng
RT: 26.962 min Scan# 4076
Delta R.T. 0.006 min
Lab File: BP009127.D
Acq: 11 Feb 2022 22:58



Tgt Ion:276 Resp: 434779
Ion Ratio Lower Upper
276 100
277 27.1 19.2 28.8
138 18.3 15.0 22.4

