

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019608.D
 Acq On : 08 Feb 2024 14:05
 Operator : MA/JU
 Sample : P1141-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2-0-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 14:32:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	95809	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	372749	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	243988	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	537837	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	501390	20.000	ng	0.00
86) Perylene-d12	23.804	264	576417	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	484006	81.431	ng	0.00
7) Phenol-d6	7.075	99	685057	85.479	ng	-0.01
23) Nitrobenzene-d5	9.069	82	455944	53.003	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	318402	89.379	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	1012739	51.313	ng	-0.02
79) Terphenyl-d14	19.863	244	1564303	51.309	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.257	152	105388	4.699	ng	96
71) Phenanthrene	17.333	178	613412	21.672	ng	99
72) Anthracene	17.422	178	222373	7.876	ng	99
75) Fluoranthene	19.304	202	1649478	47.705	ng	100
78) Pyrene	19.657	202	1406893	39.759	ng	100
81) Benzo(a)anthracene	21.368	228	1074313	30.439	ng	96
83) Chrysene	21.421	228	872622	26.042	ng	98
87) Indeno(1,2,3-cd)pyrene	26.327	276	762809	17.288	ng	97
88) Benzo(b)fluoranthene	23.068	252	1358150	37.385	ng	98
89) Benzo(k)fluoranthene	23.115	252	508254m	14.646	ng	
90) Benzo(a)pyrene	23.698	252	1033089	31.960	ng	98
91) Dibenzo(a,h)anthracene	26.339	278	194755m	5.367	ng	
92) Benzo(g,h,i)perylene	27.098	276	749830	20.367	ng	99

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

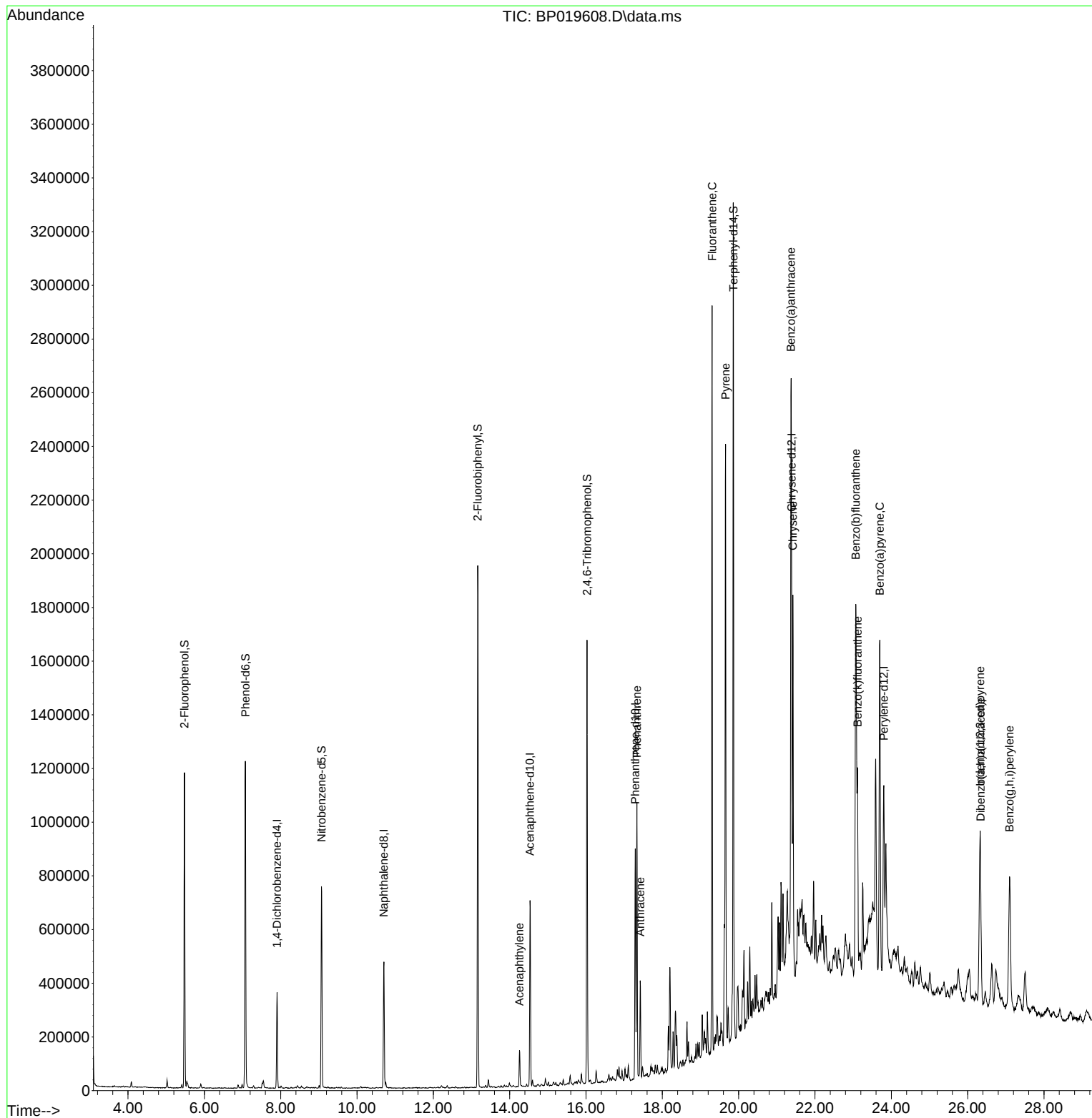
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
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Sample : P1141-09
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ALS Vial : 5 Sample Multiplier: 1

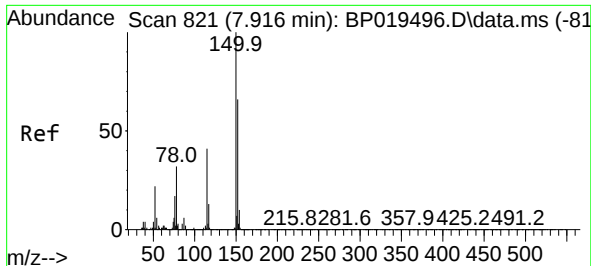
Instrument :
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EB-2-0-2

Quant Time: Feb 08 14:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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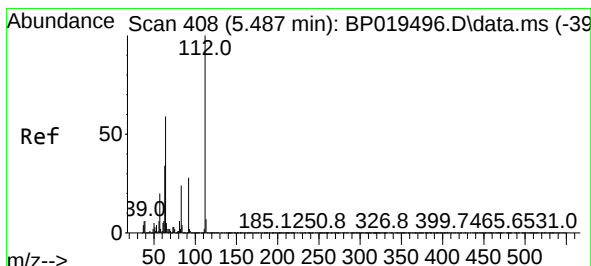
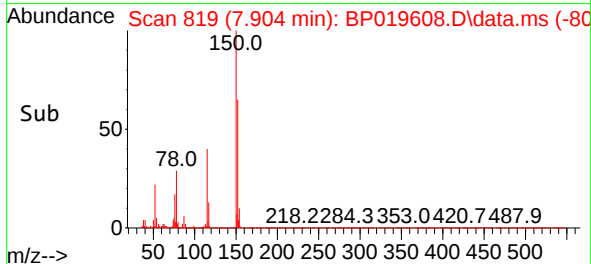
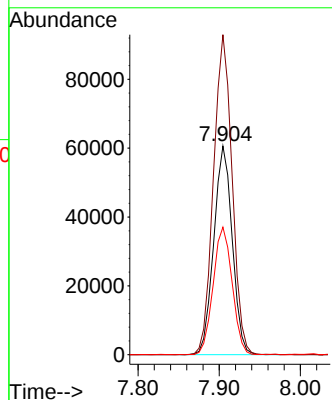
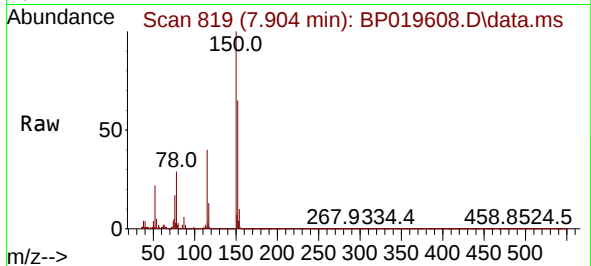
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Tgt Ion:152 Resp: 95809
Ion Ratio Lower Upper
152 100
150 153.4 121.8 182.8
115 61.1 49.9 74.9

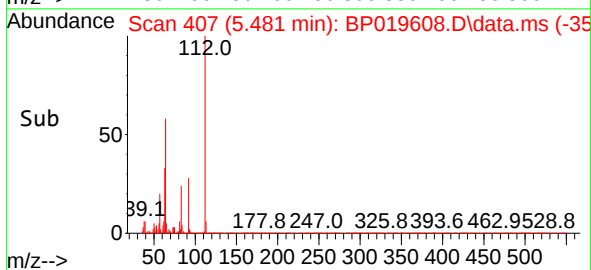
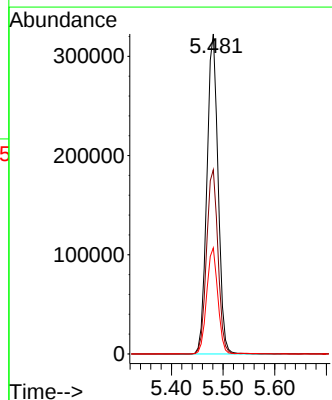
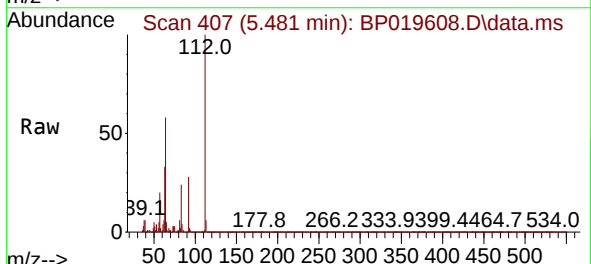
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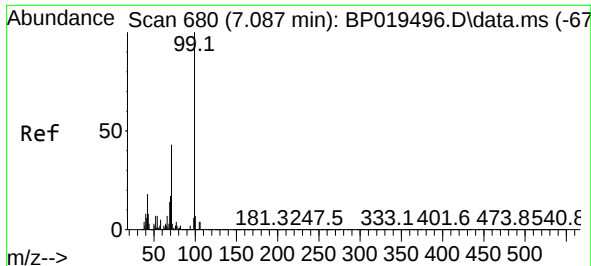
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 81.431 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

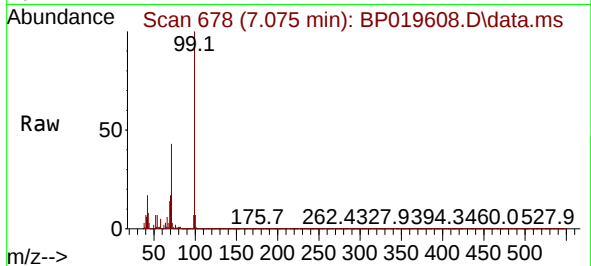
Tgt Ion:112 Resp: 484006
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.0
63 33.1 27.0 40.6





#7
Phenol-d6
Concen: 85.479 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

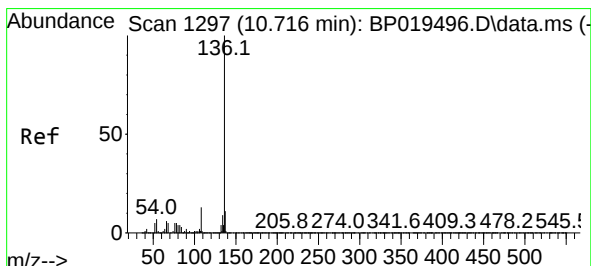
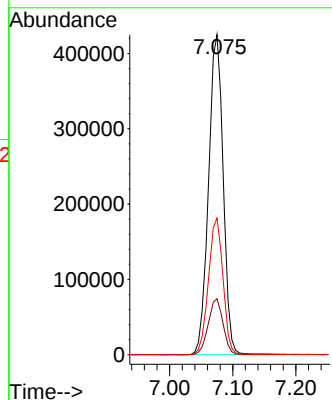
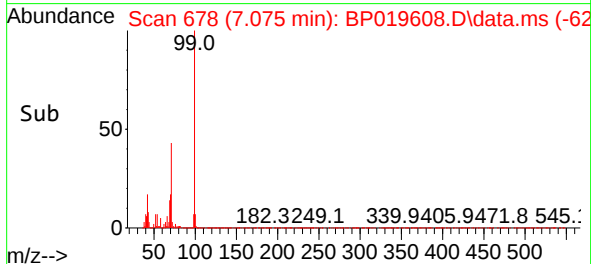
Instrument :
BNA_P
ClientSampleId :
EB-2-0-2



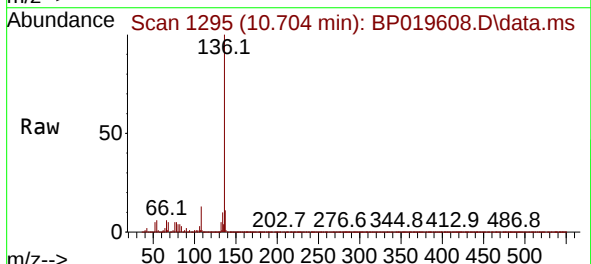
Tgt Ion: 99 Resp: 68505
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.7 34.8 52.2

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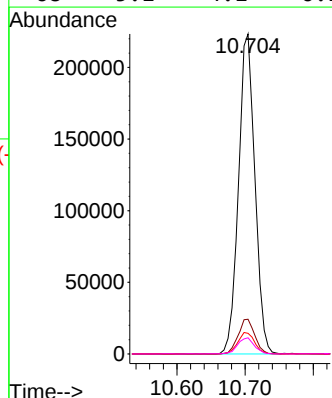
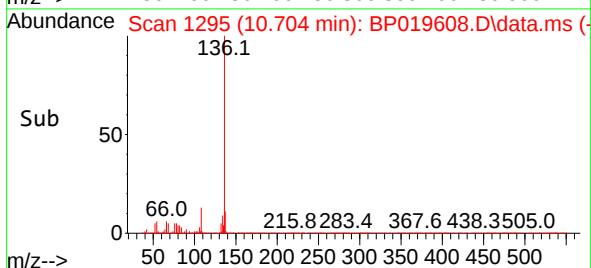
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05



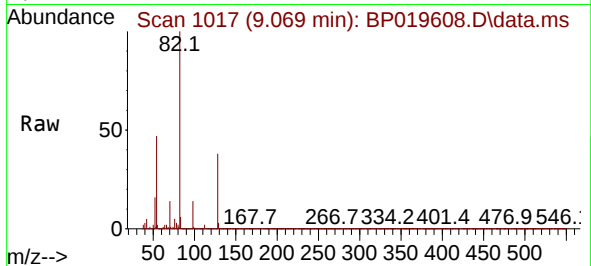
Tgt Ion:136 Resp: 372749
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.3 7.9
68 5.1 4.1 6.1





#23
Nitrobenzene-d5
Concen: 53.003 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

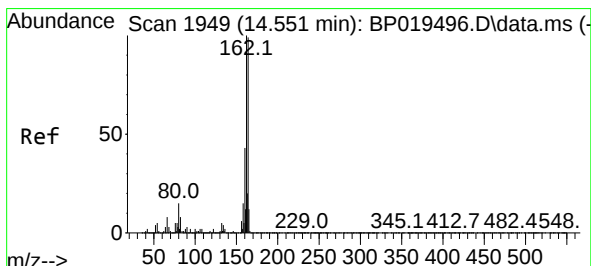
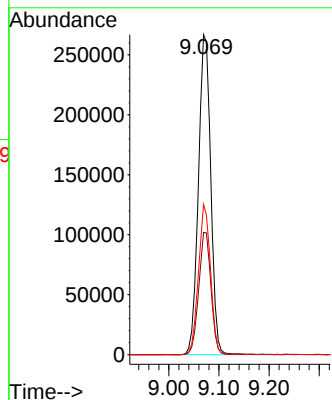
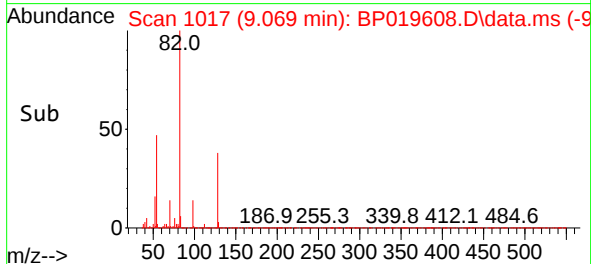
Instrument :
BNA_P
ClientSampleId :
EB-2-0-2



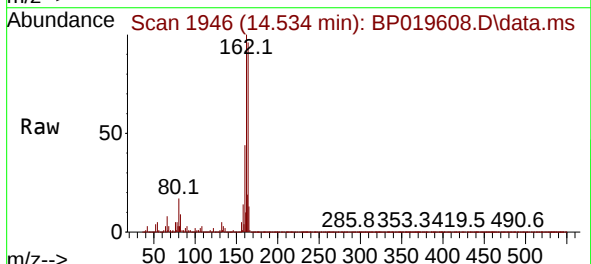
Tgt Ion: 82 Resp: 455944
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 46.9 36.8 55.2

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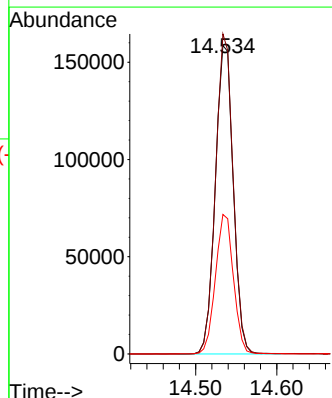
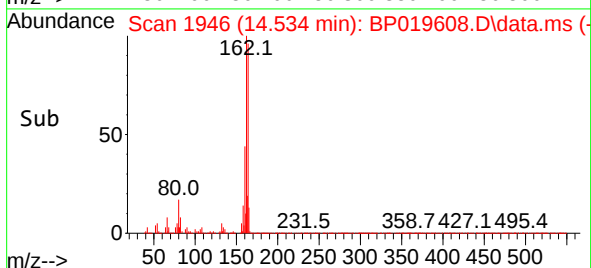
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

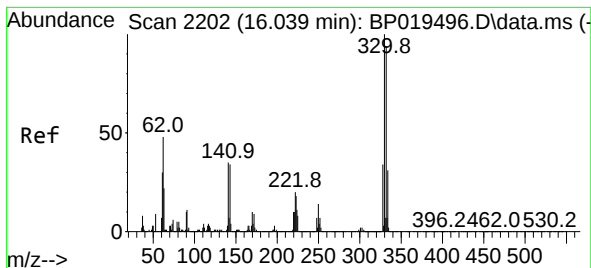


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05



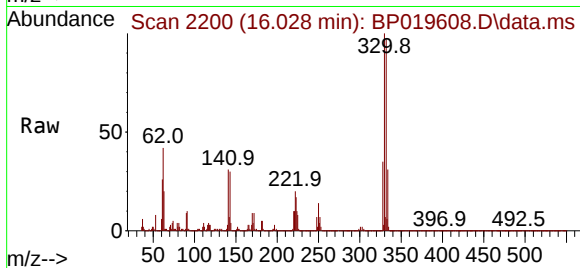
Tgt Ion:164 Resp: 243988
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 45.3 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 89.379 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

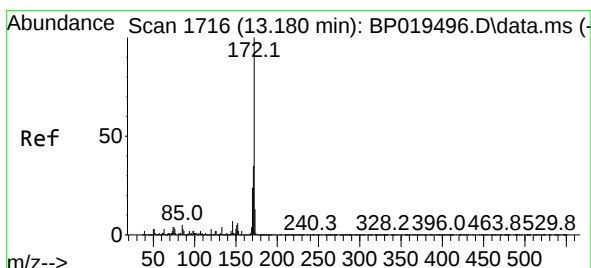
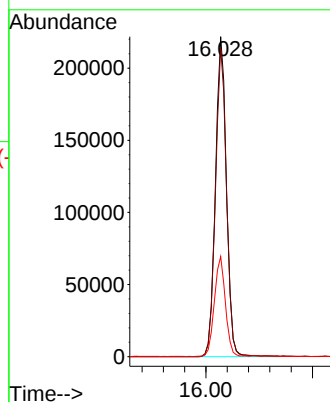
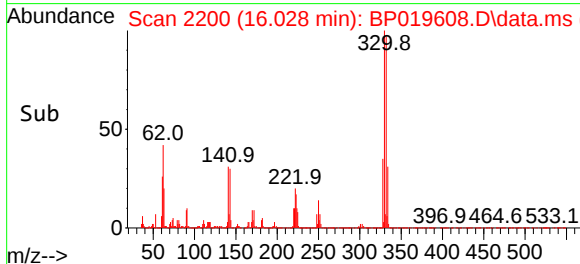
Instrument :
BNA_P
ClientSampleId :
EB-2-0-2



Tgt Ion:330 Resp: 31840
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 31.4 27.0 40.4

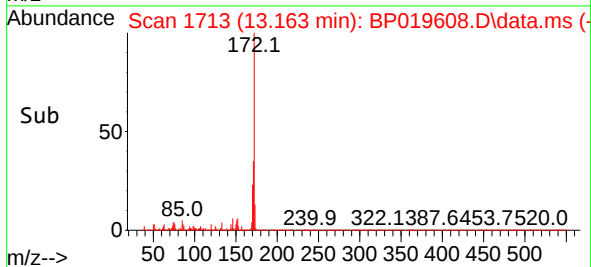
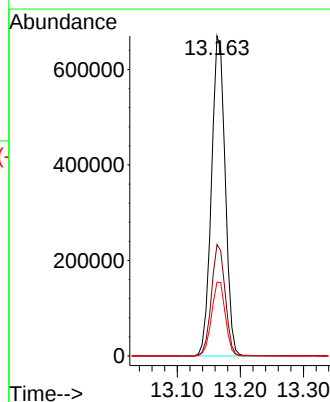
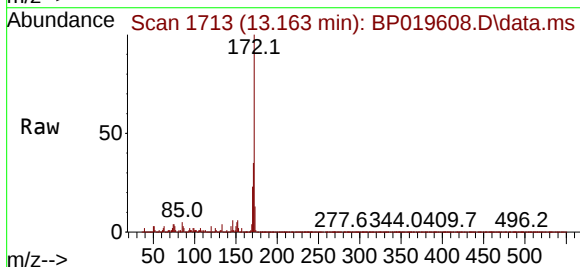
Manual Integrations
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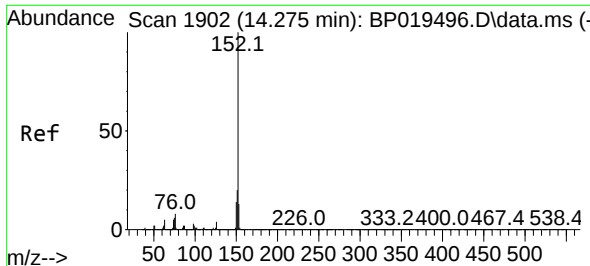
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#45
2-Fluorobiphenyl
Concen: 51.313 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Tgt Ion:172 Resp: 1012739
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.1 18.9 28.3





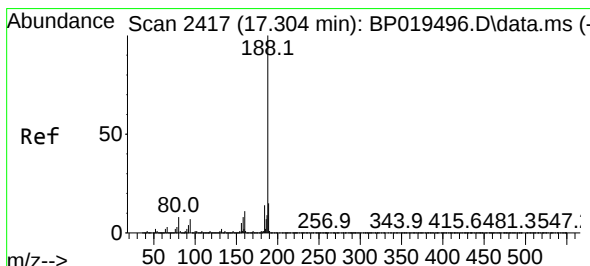
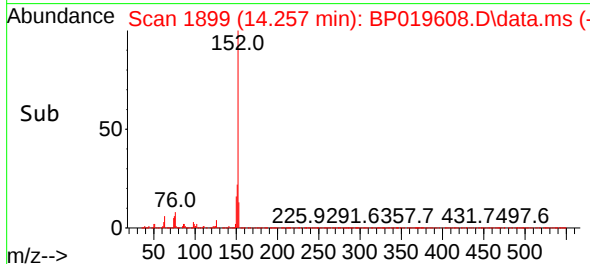
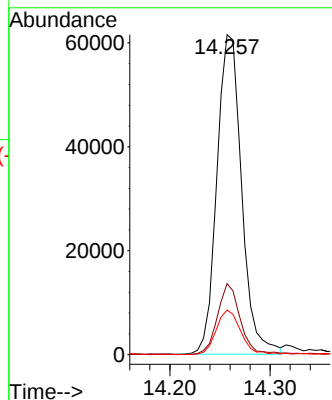
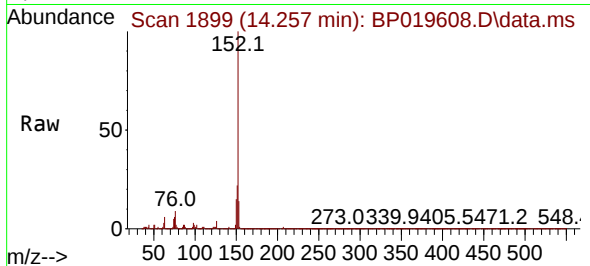
#49
Acenaphthylene
Concen: 4.699 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Instrument : BNA_P
Client Sample Id : EB-2-0-2

Tgt Ion:152 Resp: 105388
Ion Ratio Lower Upper
152 100
151 22.2 15.8 23.6
153 14.0 10.6 15.8

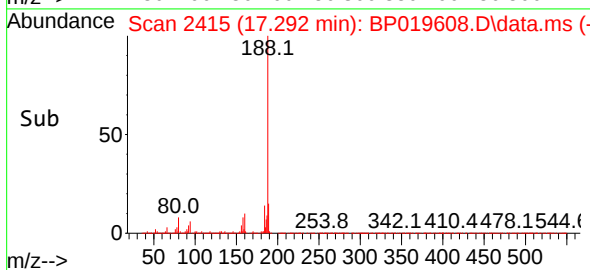
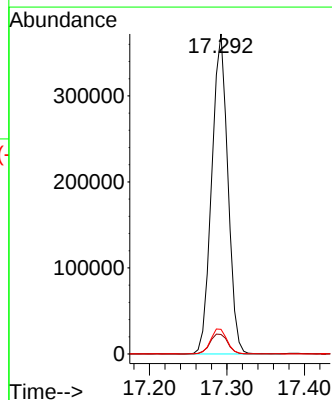
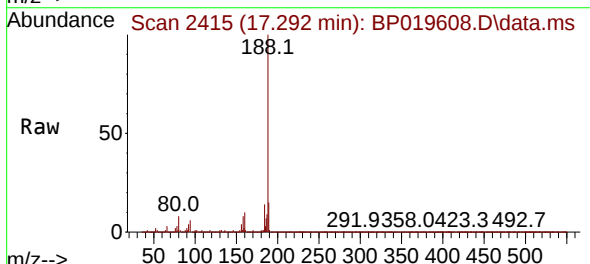
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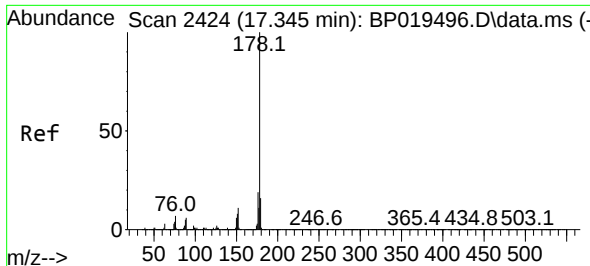
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Tgt Ion:188 Resp: 537837
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.2
80 7.7 6.3 9.5





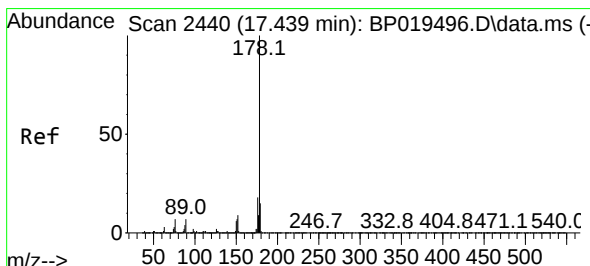
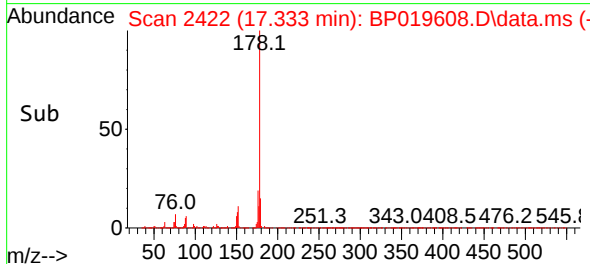
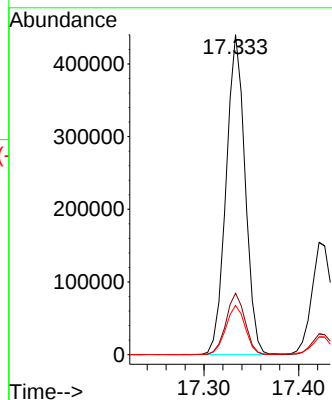
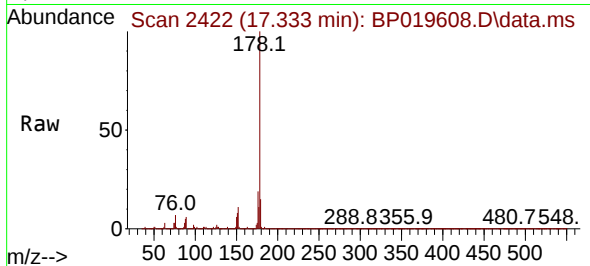
#71
Phenanthrene
Concen: 21.672 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Tgt Ion:178 Resp: 61341
Ion Ratio Lower Upper
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176 19.2 15.5 23.3
179 15.4 12.6 19.0

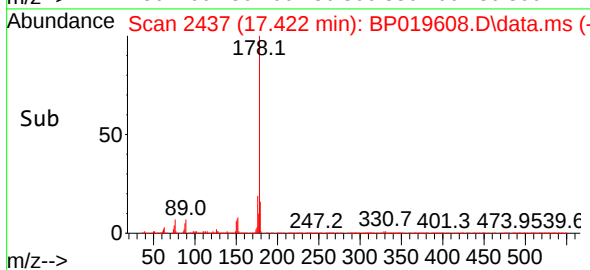
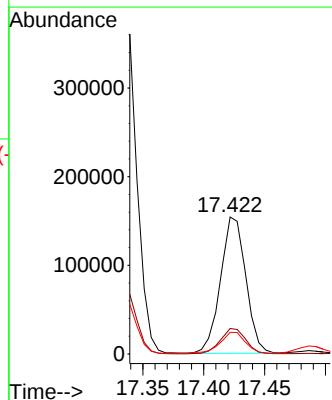
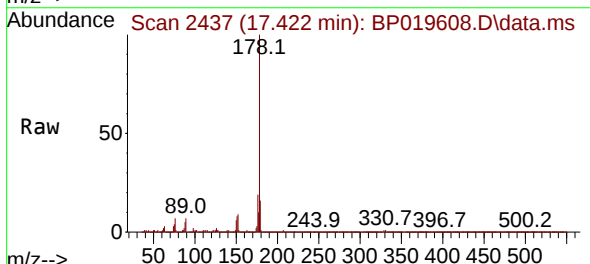
Manual Integrations
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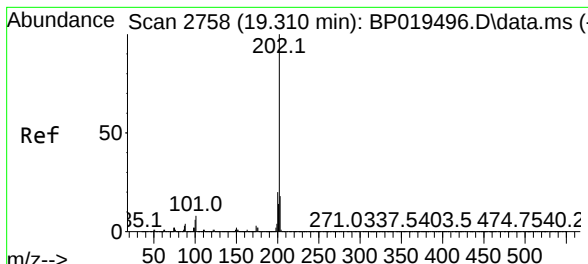
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#72
Anthracene
Concen: 7.876 ng
RT: 17.422 min Scan# 2437
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Tgt Ion:178 Resp: 222373
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.8 12.2 18.2





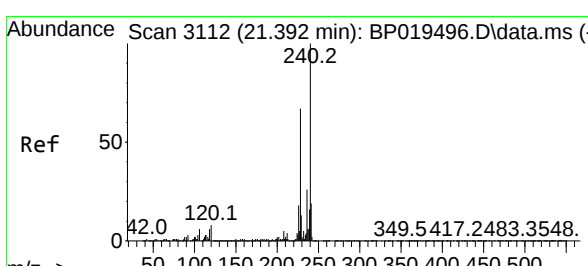
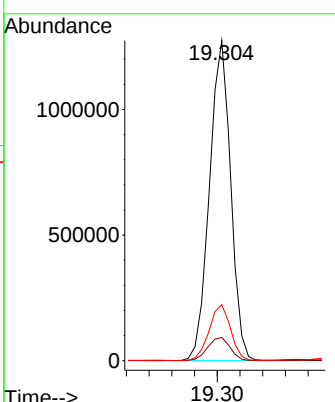
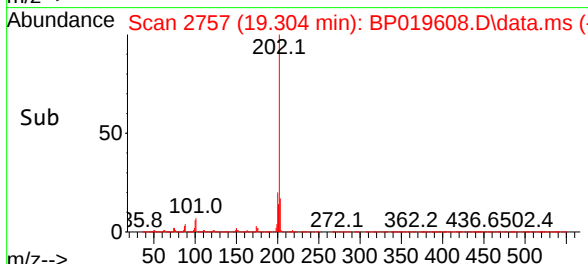
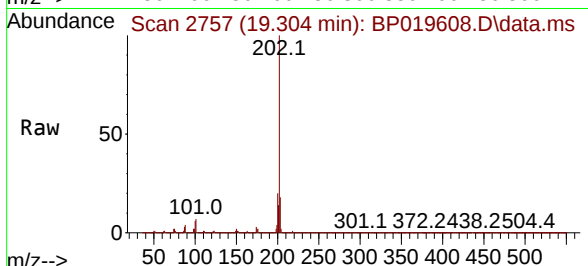
#75
 Fluoranthene
 Concen: 47.705 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019608.D
 Acq: 08 Feb 2024 14:05

Instrument : BNA_P
 ClientSampleId : EB-2-0-2

Tgt Ion: 202 Resp: 1649478

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.7
203	17.5	0.0	37.5

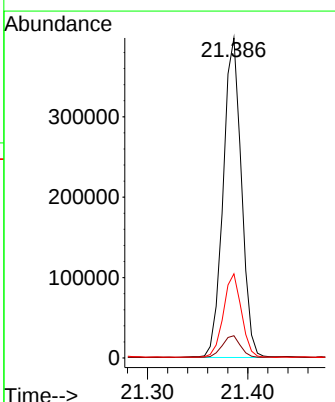
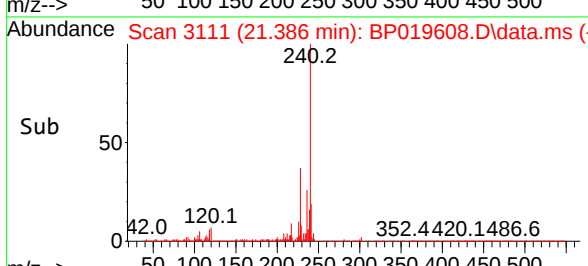
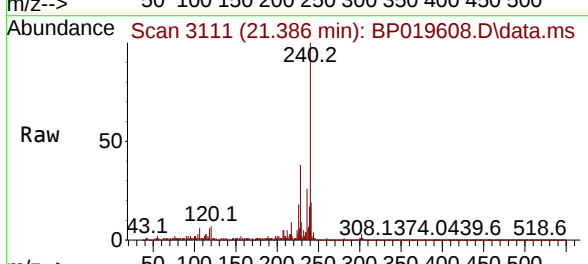
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 Supervised By :mohammad ahmed 02/09/2024

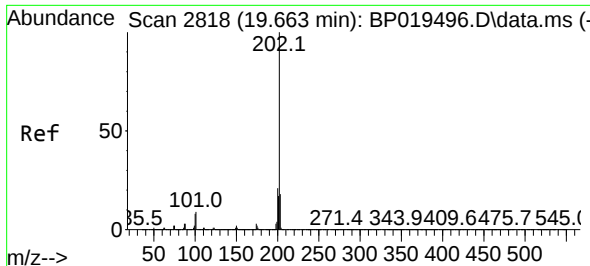


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019608.D
 Acq: 08 Feb 2024 14:05

Tgt Ion: 240 Resp: 501390

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.1	9.1
236	26.3	20.7	31.1





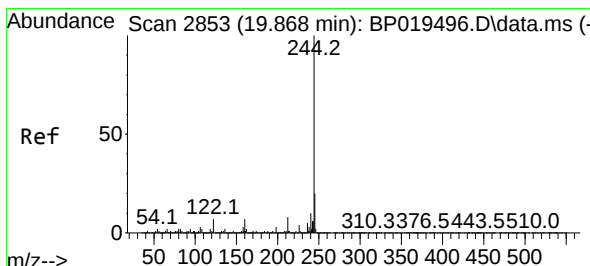
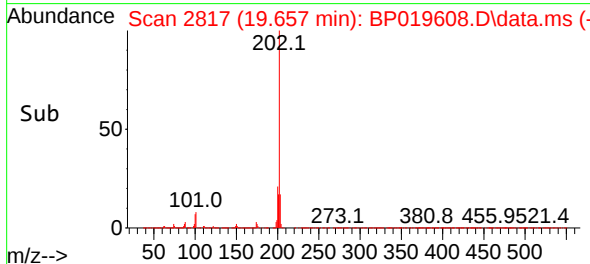
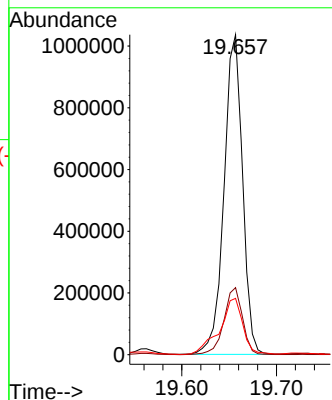
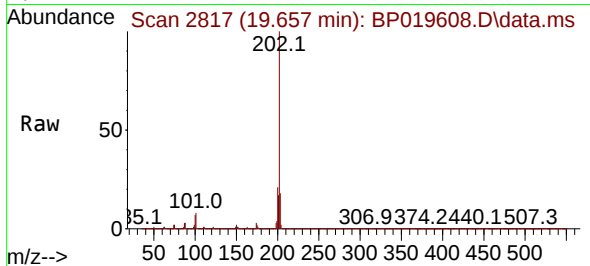
#78
Pyrene
Concen: 39.759 ng
RT: 19.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Tgt Ion:202 Resp: 140689
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.6 14.2 21.2

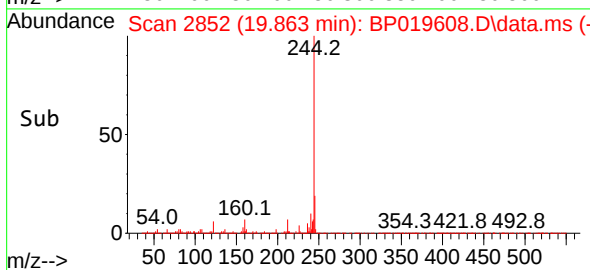
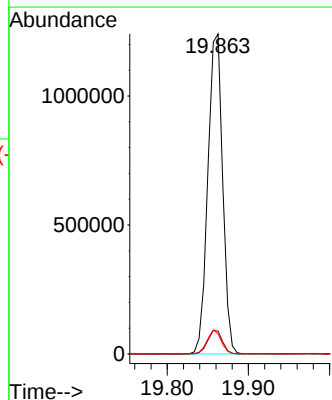
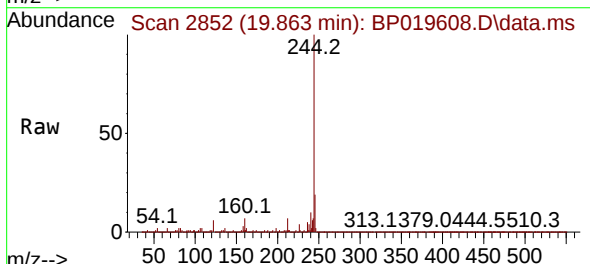
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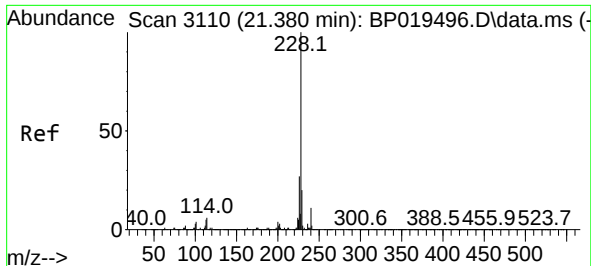
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#79
Terphenyl-d14
Concen: 51.309 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

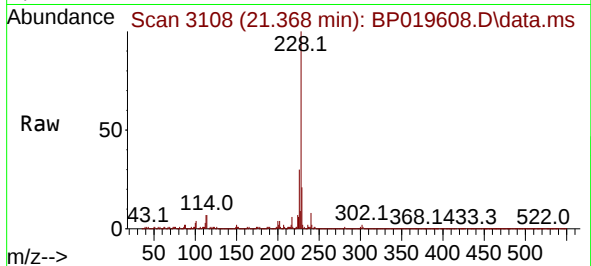
Tgt Ion:244 Resp: 1564303
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.3 5.9 8.9





#81
Benzo(a)anthracene
Concen: 30.439 ng
RT: 21.368 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

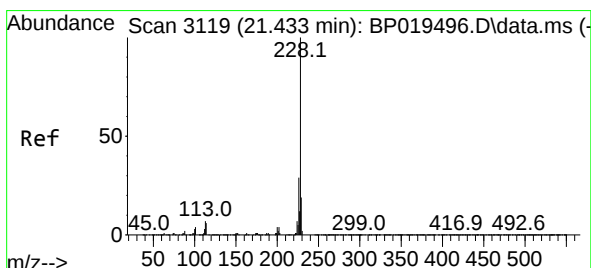
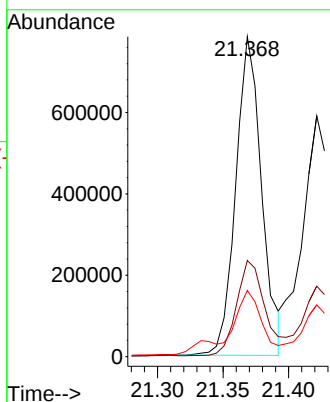
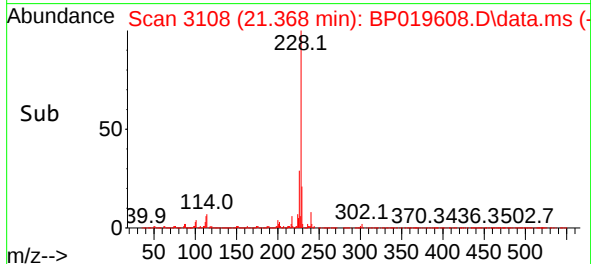
Instrument :
BNA_P
ClientSampleId :
EB-2-0-2



Tgt Ion:228 Resp: 107431
Ion Ratio Lower Upper
228 100
226 30.1 21.7 32.5
229 20.7 15.6 23.4

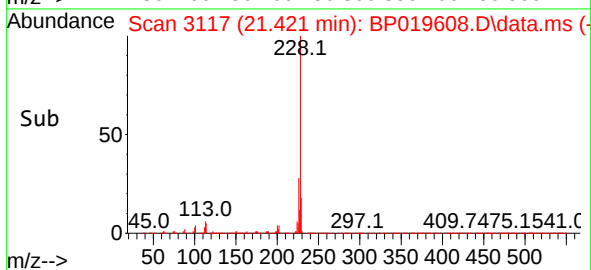
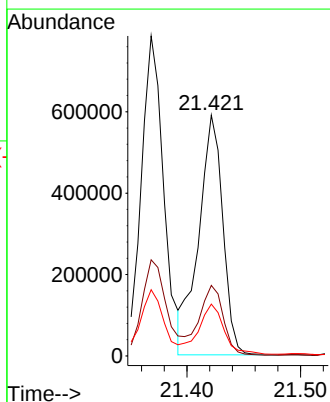
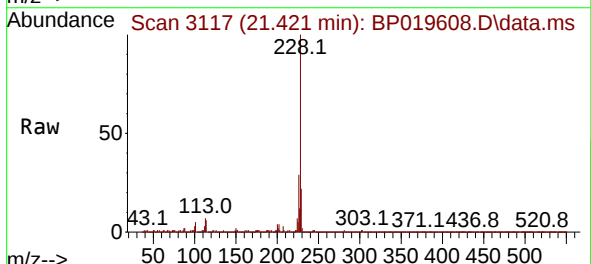
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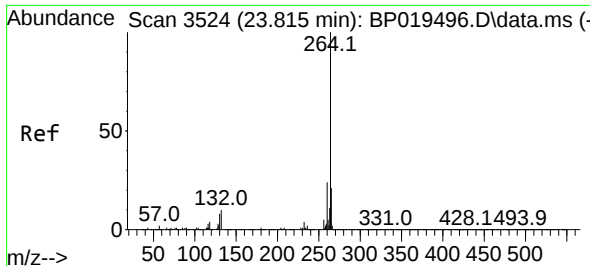
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#83
Chrysene
Concen: 26.042 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

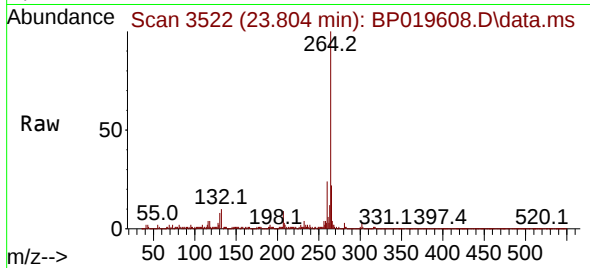
Tgt Ion:228 Resp: 872622
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.5 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

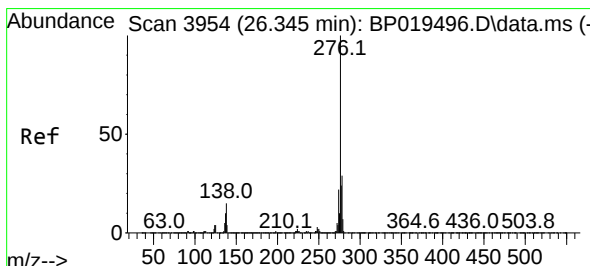
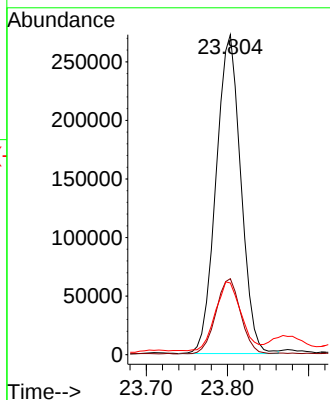
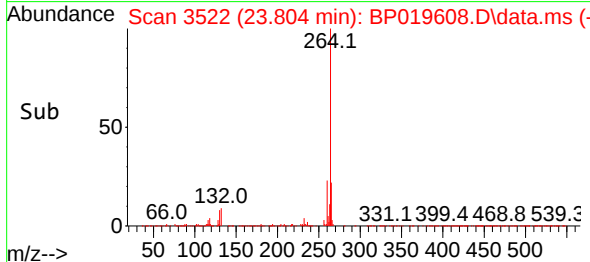
Instrument :
BNA_P
ClientSampleId :
EB-2-0-2



Tgt Ion:264 Resp: 57641
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.4 17.0 25.4

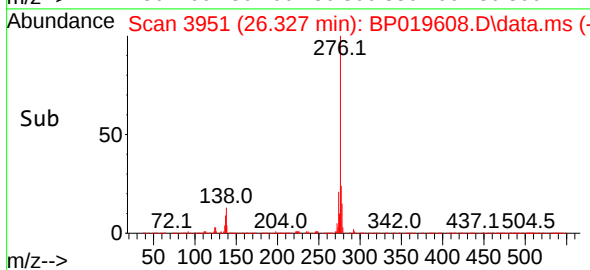
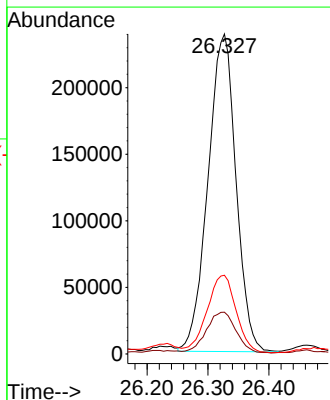
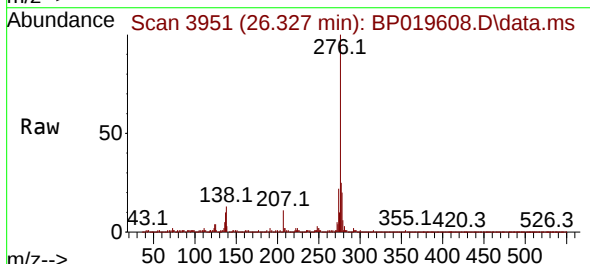
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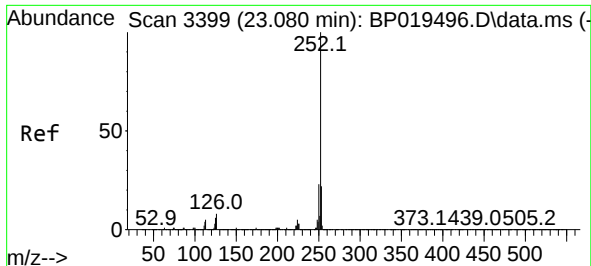
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 17.288 ng
RT: 26.327 min Scan# 3951
Delta R.T. -0.017 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Tgt Ion:276 Resp: 762809
Ion Ratio Lower Upper
276 100
138 13.6 13.1 19.7
277 25.4 20.3 30.5





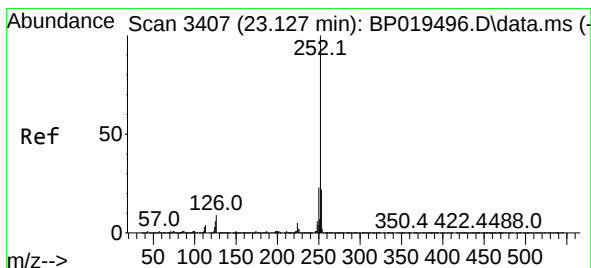
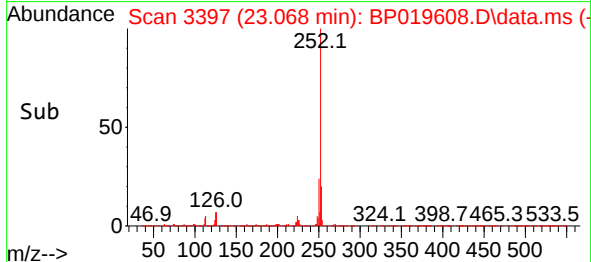
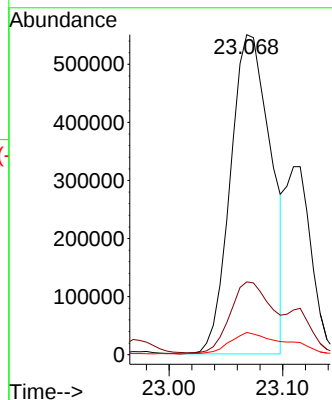
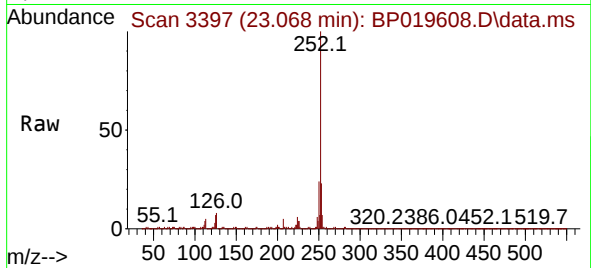
#88
Benzo(b)fluoranthene
Concen: 37.385 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Tgt Ion:252 Resp: 1358150
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 6.9 4.9 7.3

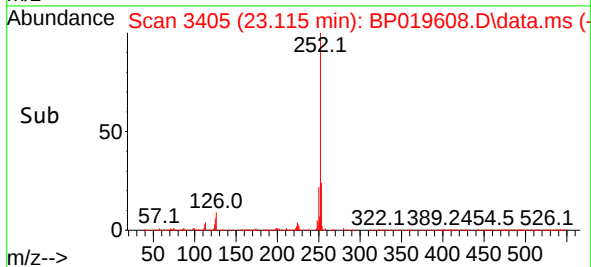
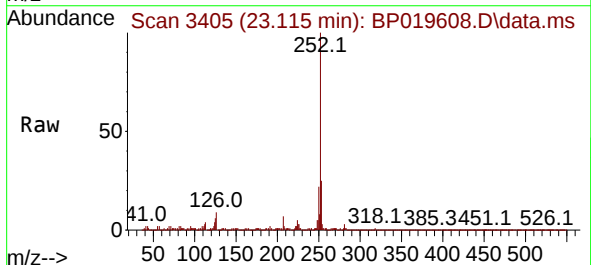
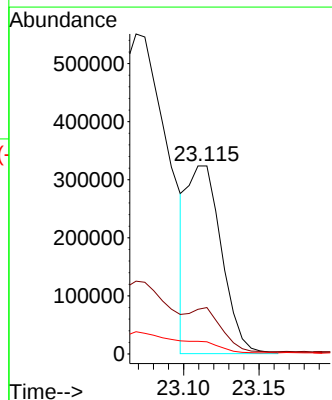
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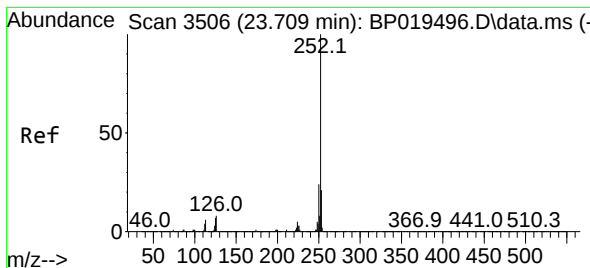
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#89
Benzo(k)fluoranthene
Concen: 14.646 ng m
RT: 23.115 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP019608.D
Acq: 08 Feb 2024 14:05

Tgt Ion:252 Resp: 508254
Ion Ratio Lower Upper
252 100
253 24.7 17.1 25.7
125 6.5 5.0 7.6





#90

Benzo(a)pyrene

Concen: 31.960 ng

RT: 23.698 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019608.D

Acq: 08 Feb 2024 14:05

Instrument :

BNA_P

ClientSampleId :

EB-2-0-2

Tgt Ion:252 Resp: 1033089

Ion Ratio Lower Upper

252 100

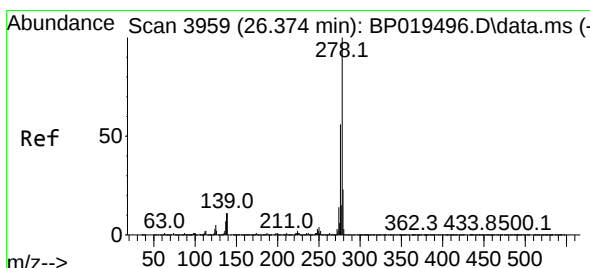
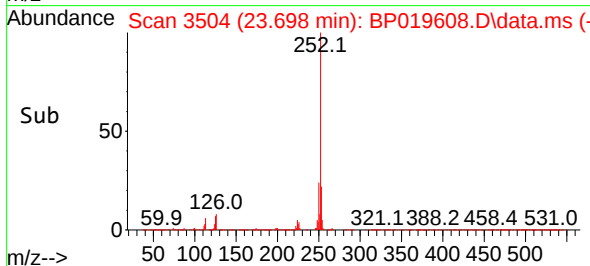
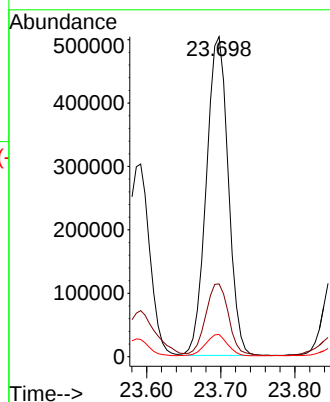
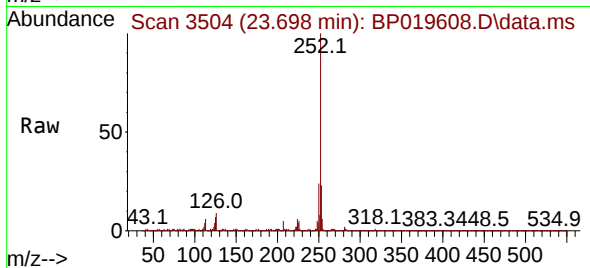
253 22.7 17.1 25.7

125 6.9 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#91

Dibenzo(a,h)anthracene

Concen: 5.367 ng m

RT: 26.339 min Scan# 3953

Delta R.T. -0.035 min

Lab File: BP019608.D

Acq: 08 Feb 2024 14:05

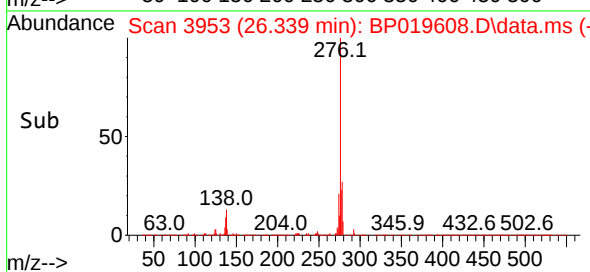
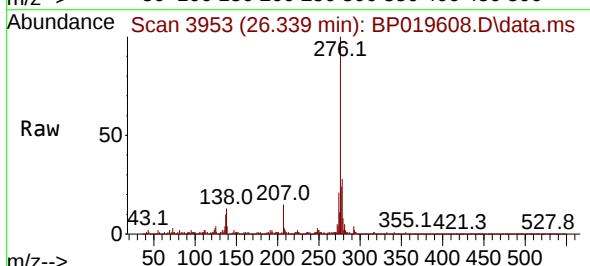
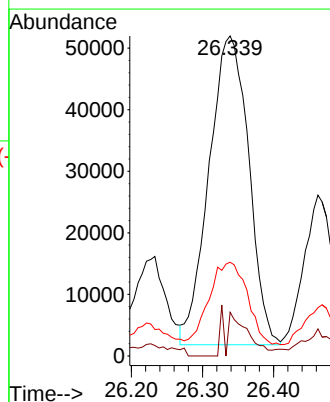
Tgt Ion:278 Resp: 194755

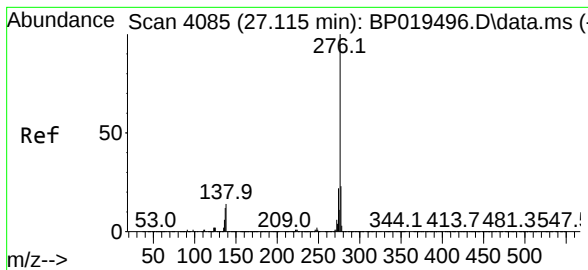
Ion Ratio Lower Upper

278 100

139 13.7 8.6 12.8#

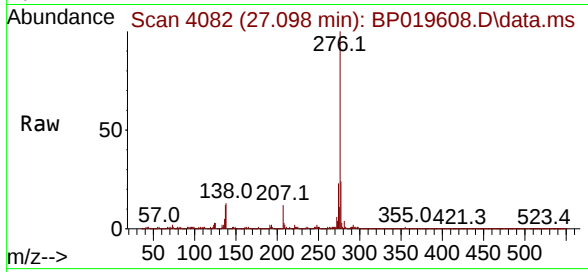
279 29.3 18.5 27.7#





#92
 Benzo(g,h,i)perylene
 Concen: 20.367 ng
 RT: 27.098 min Scan# 4082
 Delta R.T. -0.018 min
 Lab File: BP019608.D
 Acq: 08 Feb 2024 14:05

Instrument :
 BNA_P
 ClientSampleId :
 EB-2-0-2



Tgt Ion:	276	Resp:	749830
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	13.1	10.9	16.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

