

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019614.D
 Acq On : 08 Feb 2024 18:19
 Operator : MA/JU
 Sample : P1367-11 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-5-0-2

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 00:42:05 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	7.911	152	107780	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	404211	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	258370	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	556312	20.000	ng	0.00
76) Chrysene-d12	21.386	240	505213	20.000	ng	0.00
86) Perylene-d12	23.810	264	595453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	270046	40.387	ng	0.00
7) Phenol-d6	7.075	99	367723	40.787	ng	-0.01
23) Nitrobenzene-d5	9.075	82	241160	25.852	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	167024	44.275	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	520524	24.906	ng	-0.01
79) Terphenyl-d14	19.863	244	742960	24.184	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.340	178	170938	5.839	ng	98
72) Anthracene	17.428	178	68790	2.355	ng	98
75) Fluoranthene	19.304	202	406617	11.369	ng	99
78) Pyrene	19.657	202	381529	10.700	ng	99
81) Benzo(a)anthracene	21.375	228	222596	6.259	ng	# 91
83) Chrysene	21.428	228	201836m	5.978	ng	
84) Bis(2-ethylhexyl)phtha...	21.316	149	59154	2.917	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.339	276	145676	3.196	ng	97
88) Benzo(b)fluoranthene	23.069	252	281379	7.498	ng	# 88
89) Benzo(k)fluoranthene	23.116	252	100605m	2.806	ng	
90) Benzo(a)pyrene	23.704	252	200616	6.008	ng	# 88
92) Benzo(g,h,i)perylene	27.110	276	144097	3.789	ng	96

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

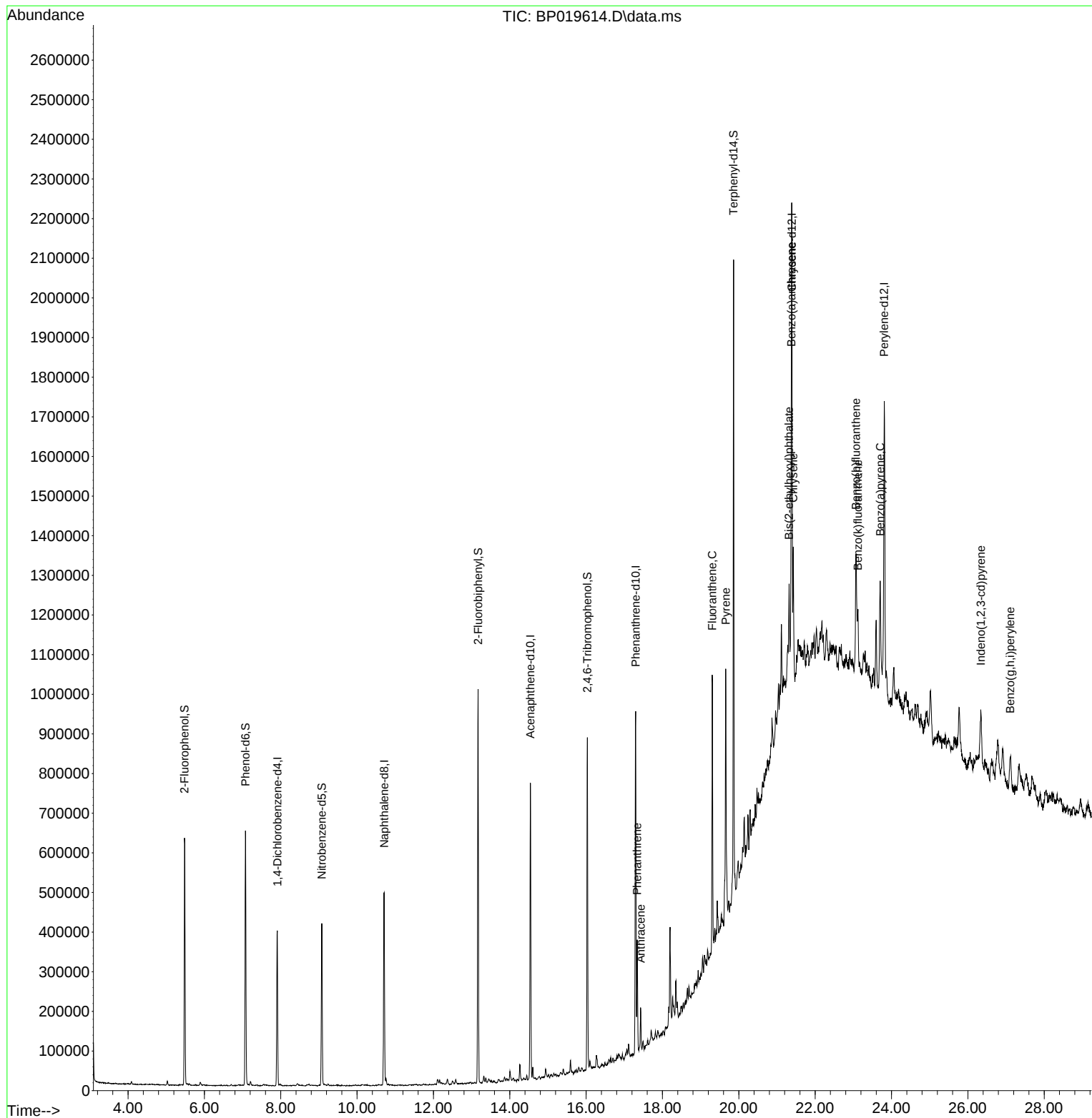
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Data File : BP019614.D
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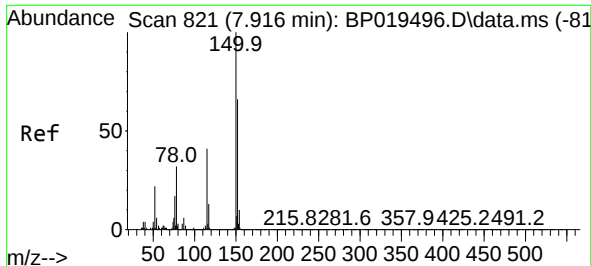
Instrument :
BNA_P
ClientSampleId :
EB-5-0-2

Quant Time: Feb 09 00:42:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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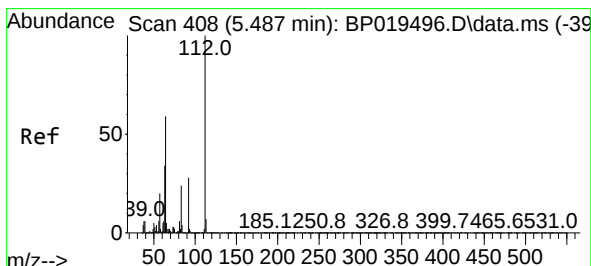
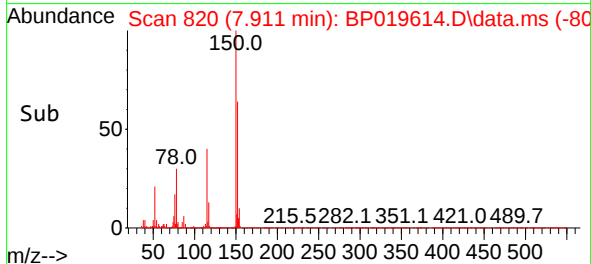
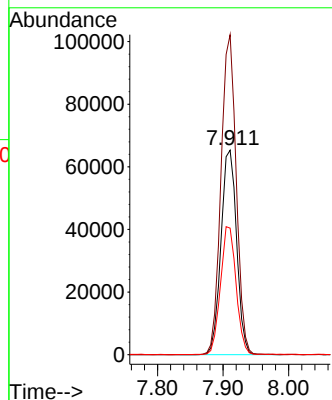
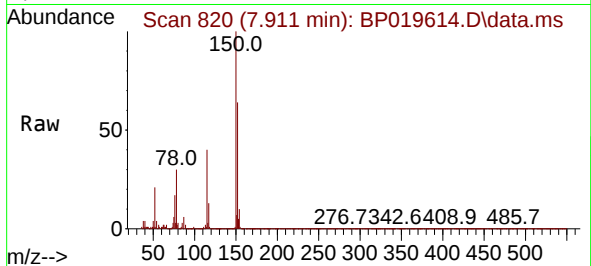
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_P
ClientSampleId :
EB-5-0-2

Tgt Ion:152 Resp: 107780
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 61.9 49.9 74.9

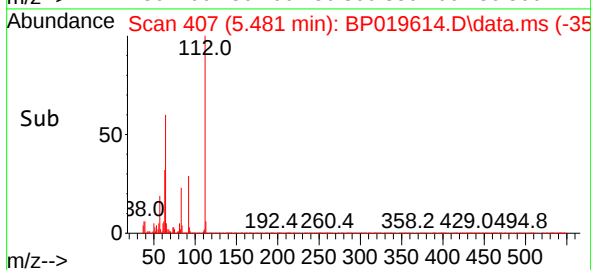
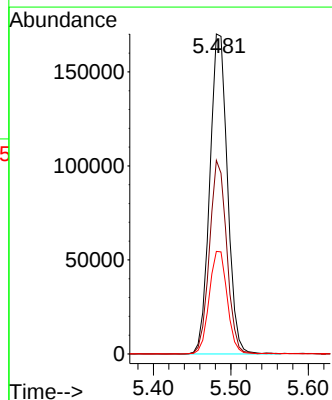
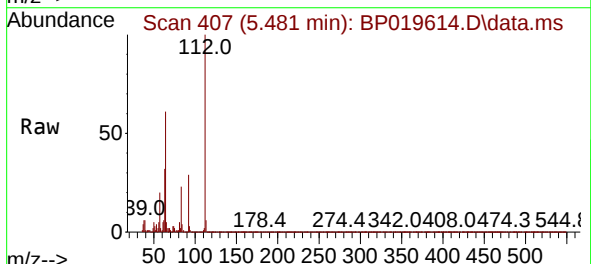
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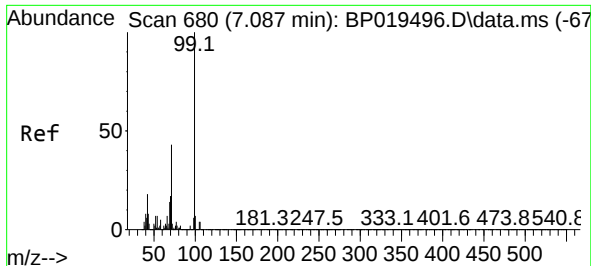
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 40.387 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Tgt Ion:112 Resp: 270046
Ion Ratio Lower Upper
112 100
64 60.5 47.4 71.0
63 32.1 27.0 40.6





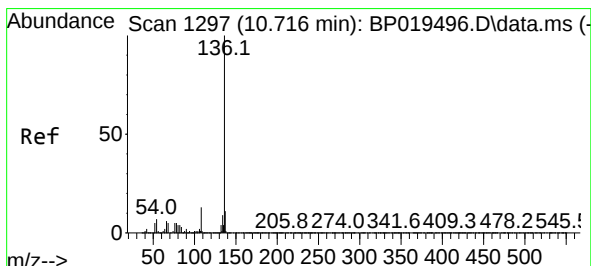
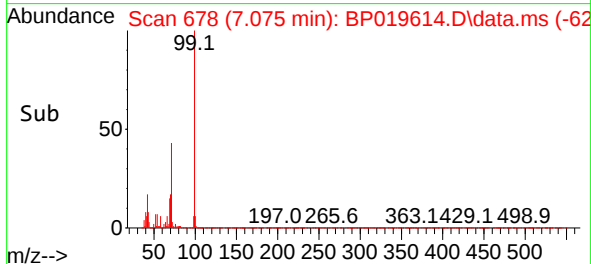
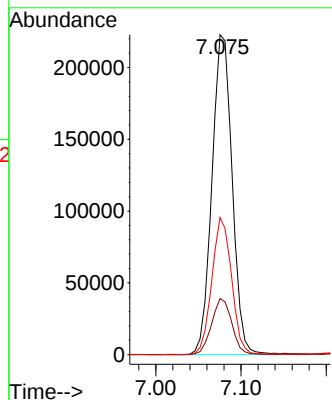
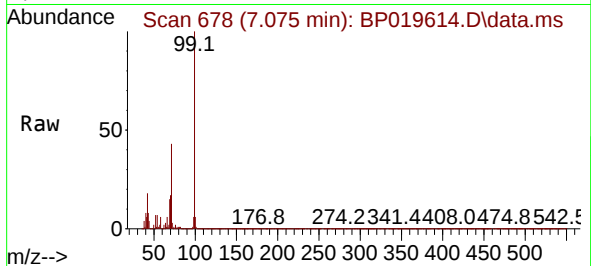
#7
Phenol-d6
Concen: 40.787 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_P
ClientSampleId :
EB-5-0-2

Tgt Ion: 99 Resp: 36772
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 42.8 34.8 52.2

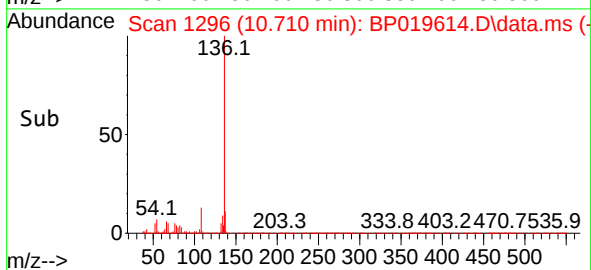
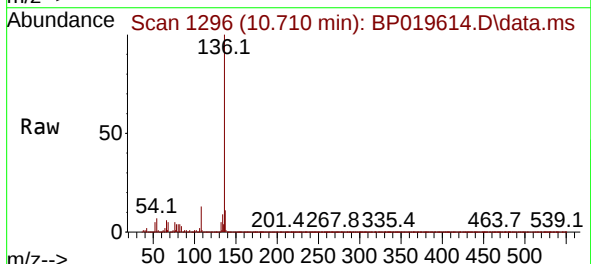
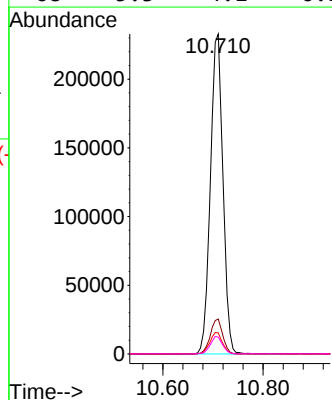
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Supervised By :mohammad ahmed 02/09/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Tgt Ion:136 Resp: 404211
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.3 7.9
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 25.852 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

EB-5-0-2

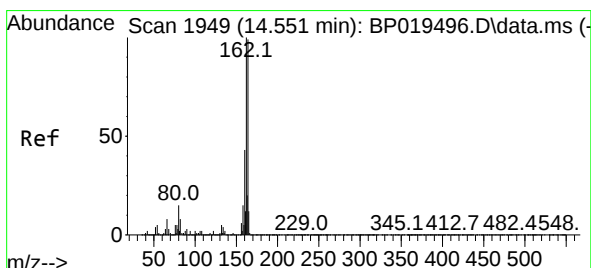
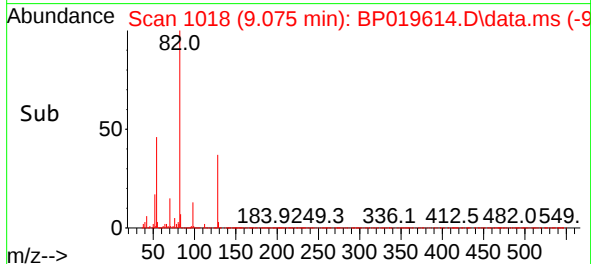
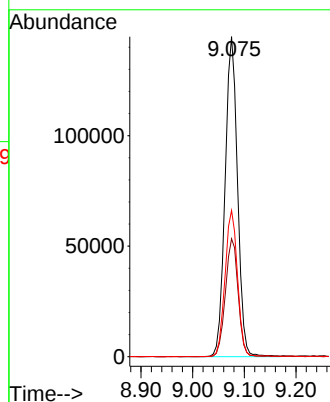
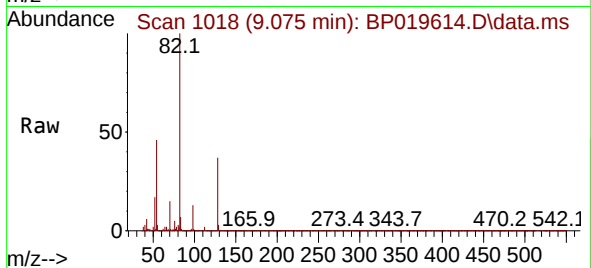
Tgt Ion: 82 Resp: 241160

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.7	44.5
54	45.7	36.8	55.2

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Supervised By :mohammad ahmed 02/09/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

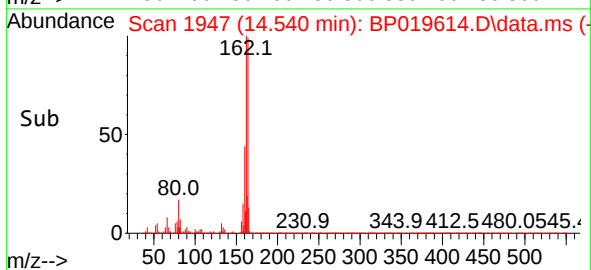
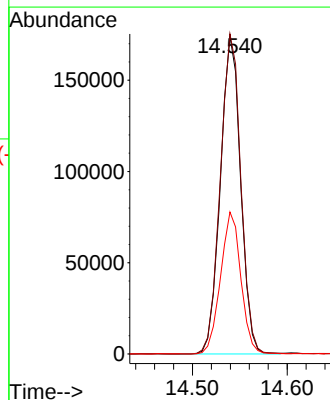
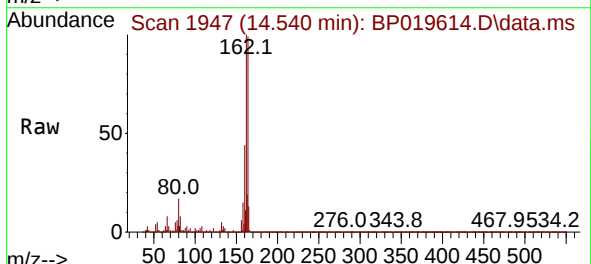
Delta R.T. -0.011 min

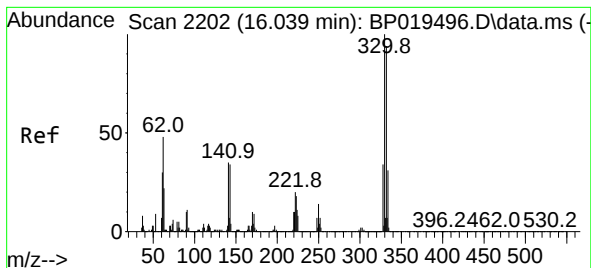
Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:164 Resp: 258370

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	44.7	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 44.275 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

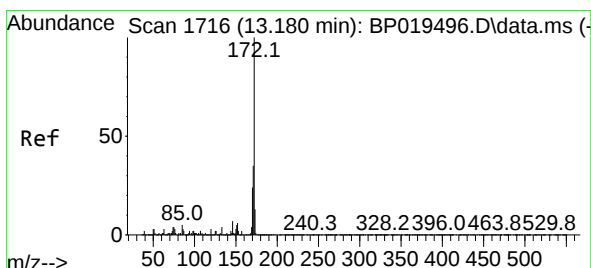
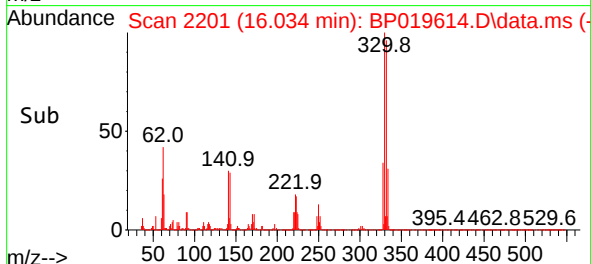
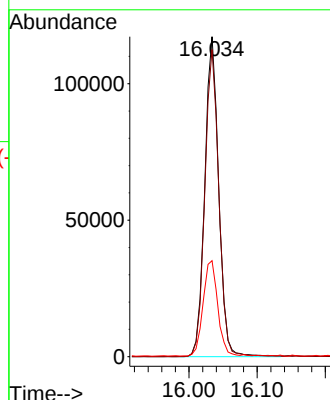
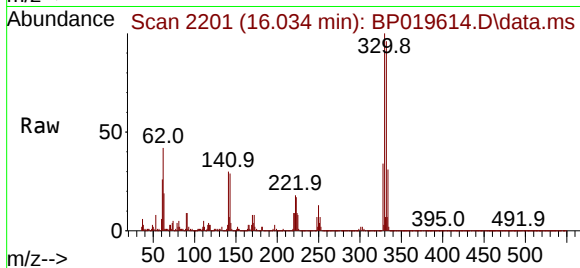
EB-5-0-2

Tgt Ion:	330	Resp:	167024
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	31.2	27.0	40.4

Manual Integrations

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Supervised By :mohammad ahmed 02/09/2024



#45

2-Fluorobiphenyl

Concen: 24.906 ng

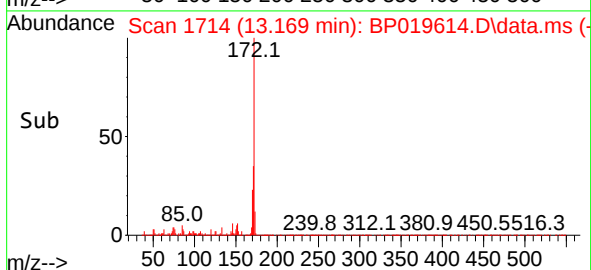
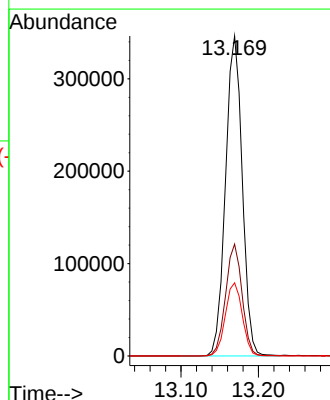
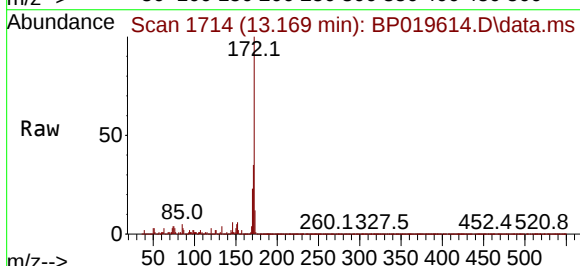
RT: 13.169 min Scan# 1714

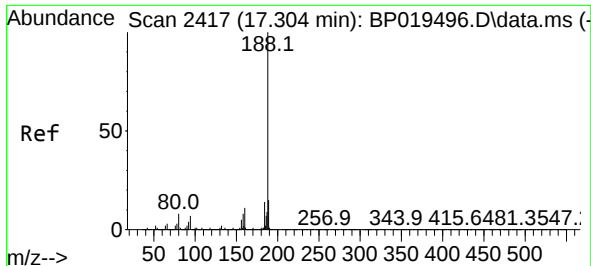
Delta R.T. -0.011 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:	172	Resp:	520524
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.2	42.4
170	22.8	18.9	28.3





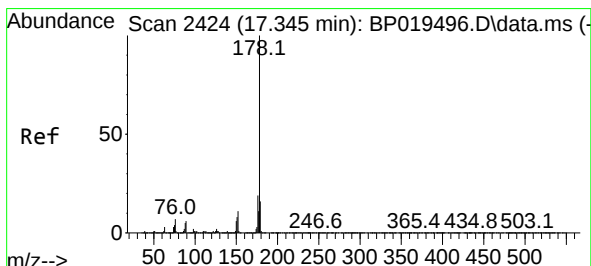
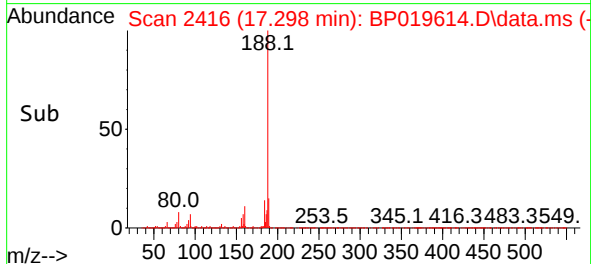
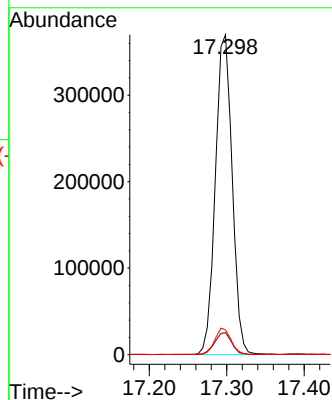
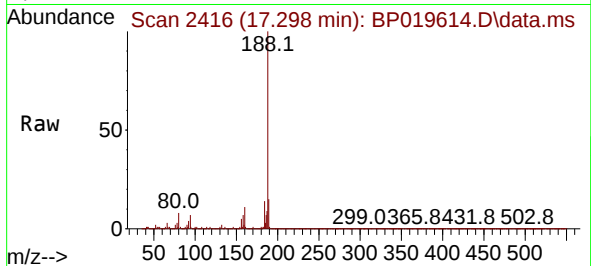
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_P
ClientSampleId :
EB-5-0-2

Tgt Ion:188 Resp: 556312
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.2
80 7.8 6.3 9.5

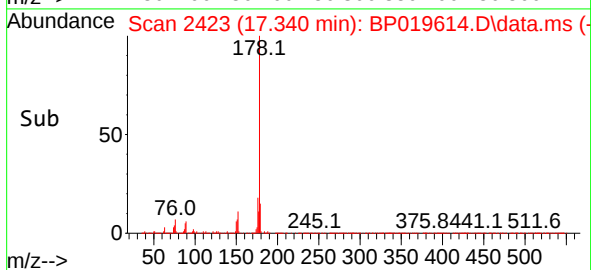
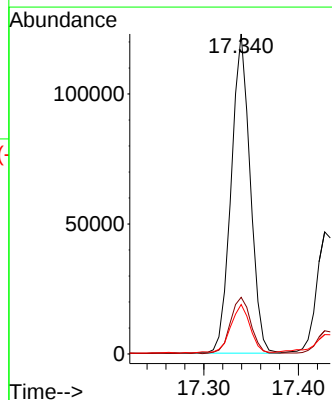
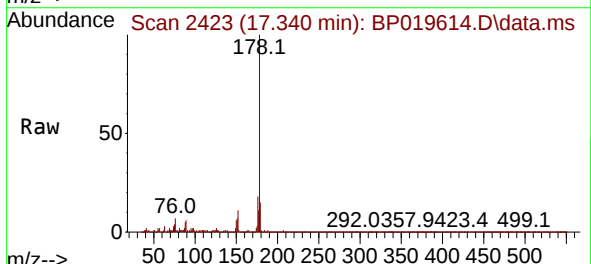
Manual Integrations
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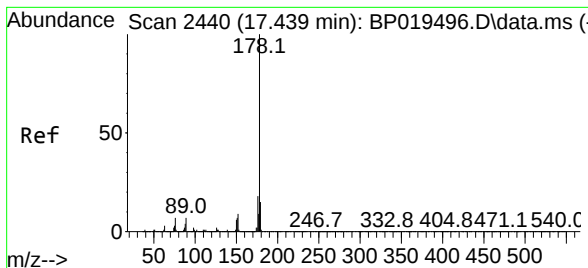
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#71
Phenanthrene
Concen: 5.839 ng
RT: 17.340 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Tgt Ion:178 Resp: 170938
Ion Ratio Lower Upper
178 100
176 17.7 15.5 23.3
179 15.4 12.6 19.0





#72

Anthracene

Concen: 2.355 ng

RT: 17.428 min Scan# 2440

Delta R.T. -0.011 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

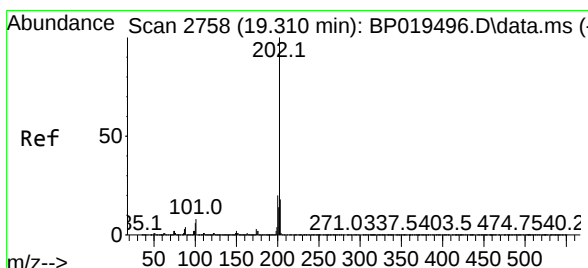
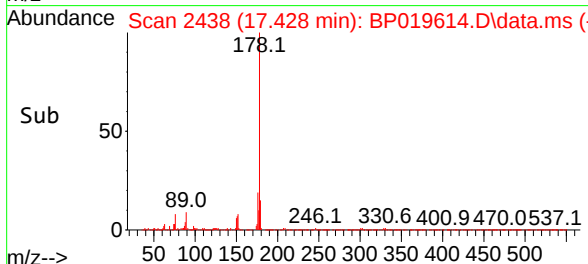
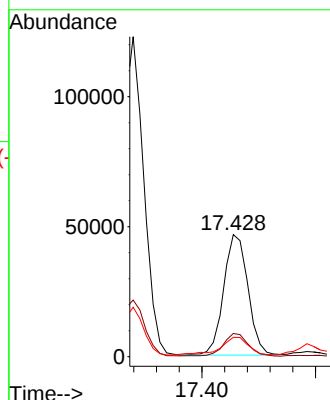
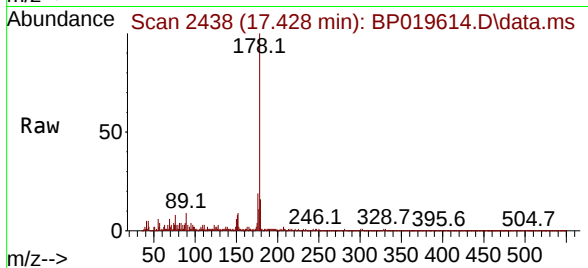
EB-5-0-2

Tgt Ion:178	Resp: 68790
Ion Ratio	Lower Upper
178 100	
176 19.1	14.7 22.1
179 15.9	12.2 18.2

Manual Integrations

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#75

Fluoranthene

Concen: 11.369 ng

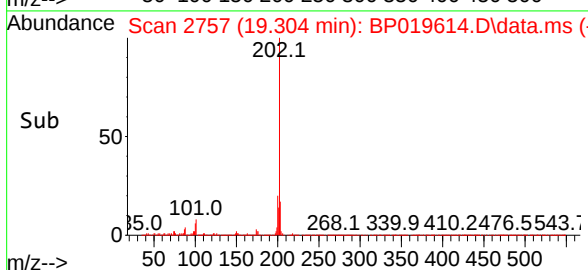
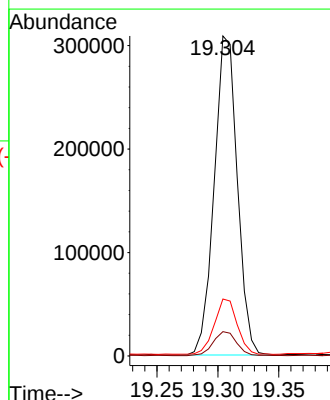
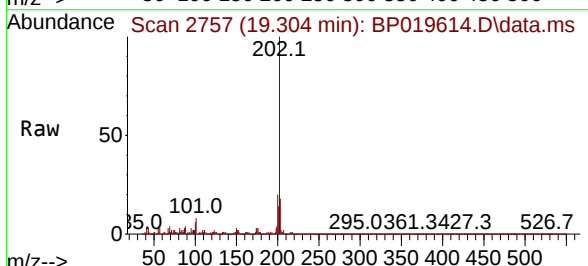
RT: 19.304 min Scan# 2757

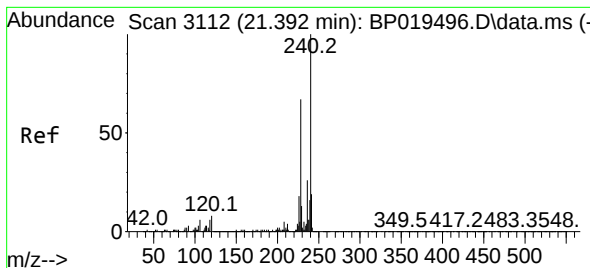
Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:202	Resp: 406617
Ion Ratio	Lower Upper
202 100	
101 7.6	0.0 27.7
203 17.8	0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

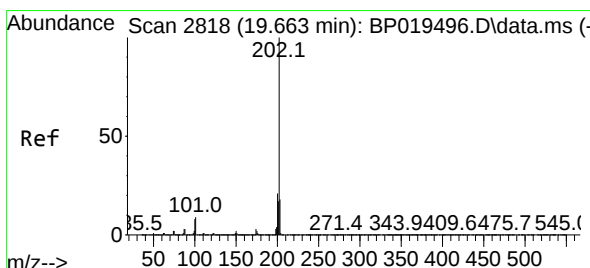
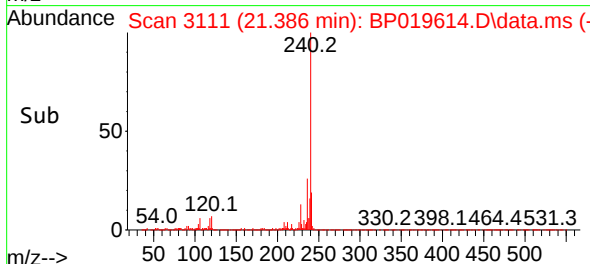
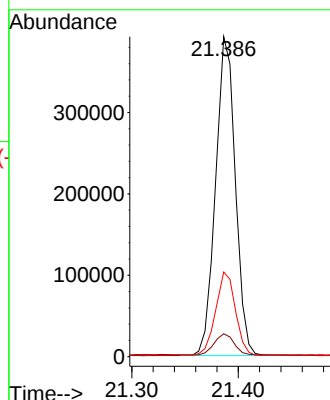
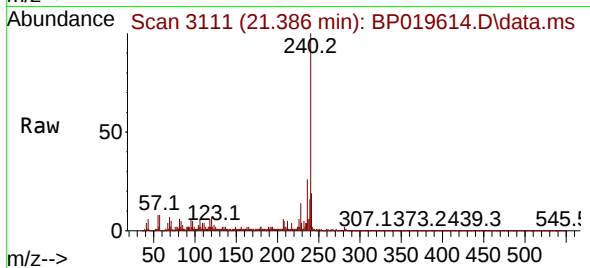
EB-5-0-2

Tgt Ion:240 Resp: 505211
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.1 9.1
 236 26.5 20.7 31.1

Manual Integrations

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#78

Pyrene

Concen: 10.700 ng

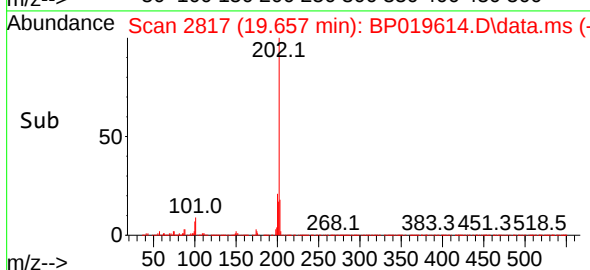
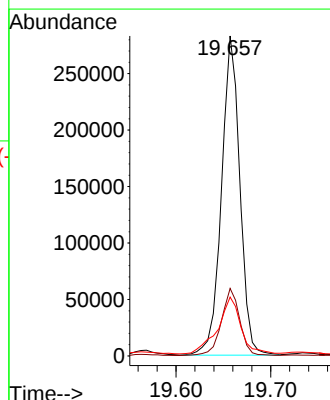
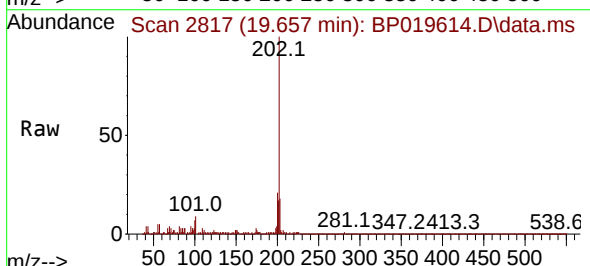
RT: 19.657 min Scan# 2817

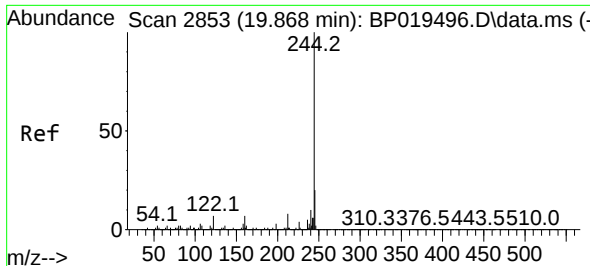
Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:202 Resp: 381529
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 18.4 14.2 21.2





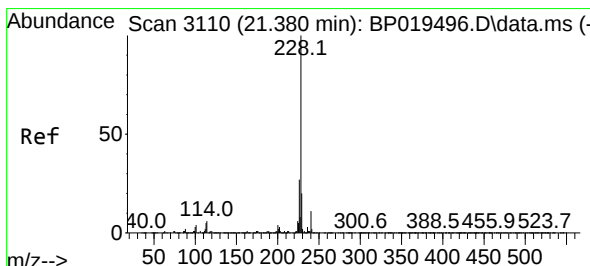
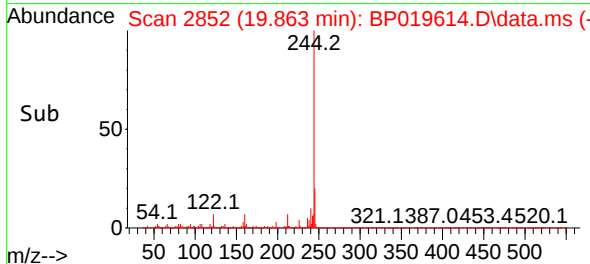
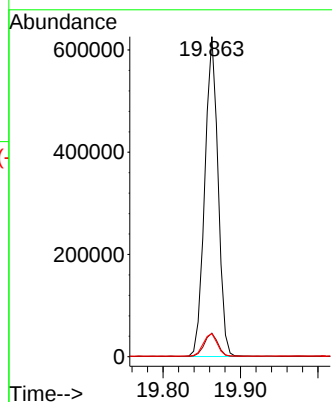
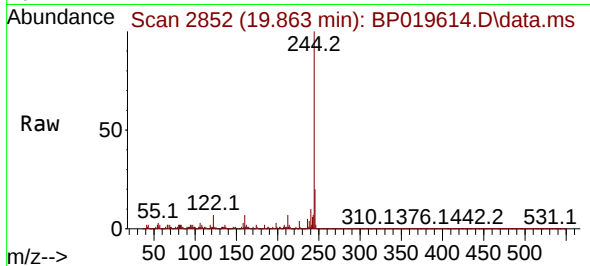
#79
 Terphenyl-d14
 Concen: 24.184 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP019614.D
 Acq: 08 Feb 2024 18:19

Instrument :
 BNA_P
 ClientSampleId :
 EB-5-0-2

Tgt Ion:244 Resp: 742960
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.2 5.9 8.9

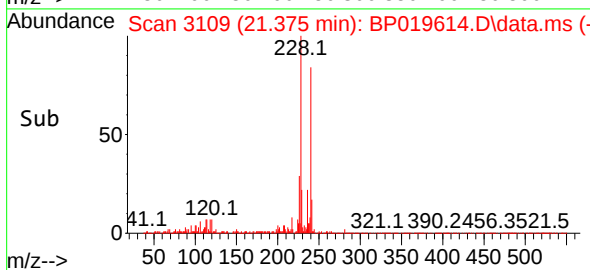
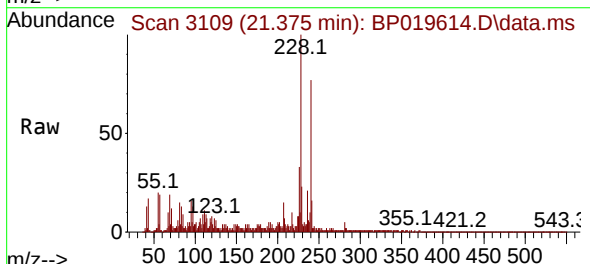
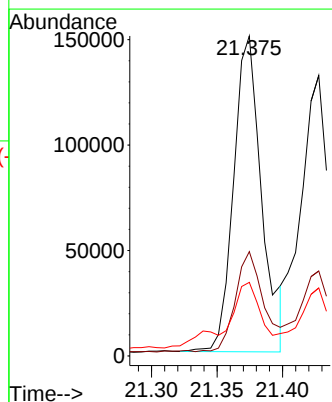
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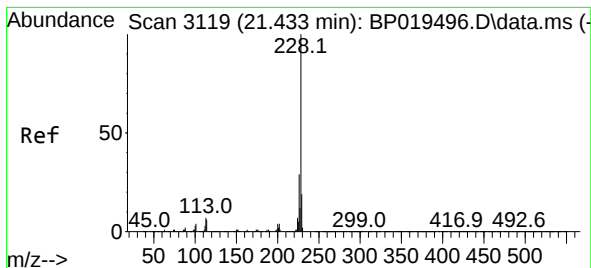
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#81
 Benzo(a)anthracene
 Concen: 6.259 ng
 RT: 21.375 min Scan# 3109
 Delta R.T. -0.005 min
 Lab File: BP019614.D
 Acq: 08 Feb 2024 18:19

Tgt Ion:228 Resp: 222596
 Ion Ratio Lower Upper
 228 100
 226 32.6 21.7 32.5#
 229 23.0 15.6 23.4





#83

Chrysene

Concen: 5.978 ng m

RT: 21.428 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

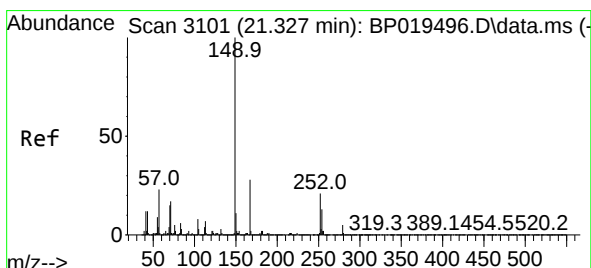
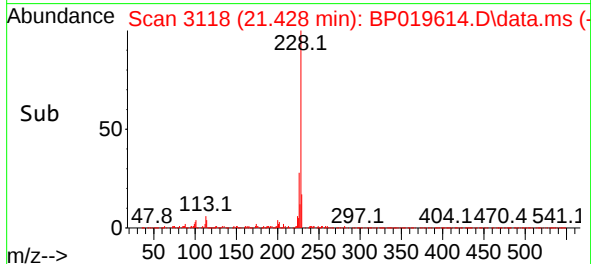
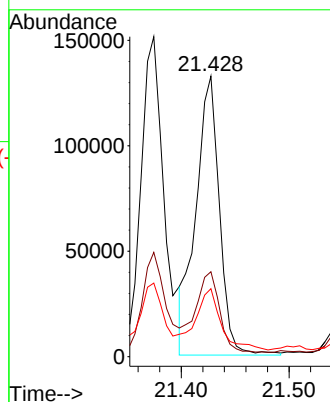
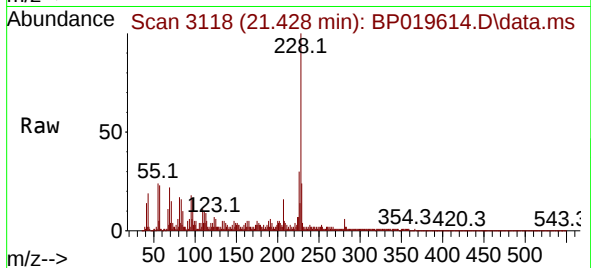
EB-5-0-2

Tgt Ion:	228	Resp:	201830
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	24.2	15.6	23.4

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.917 ng

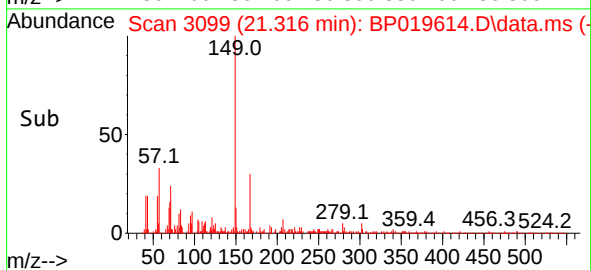
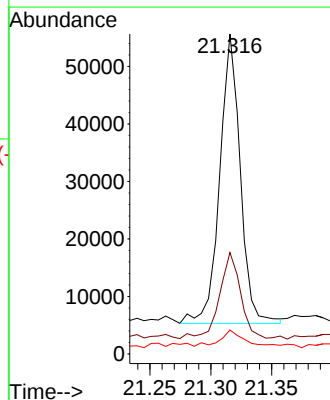
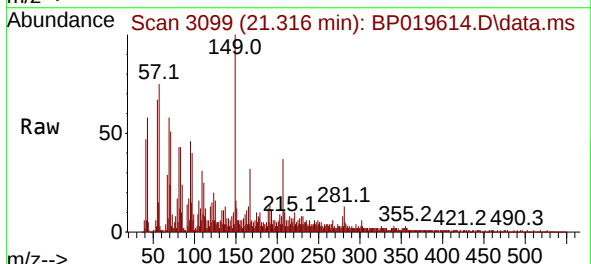
RT: 21.316 min Scan# 3099

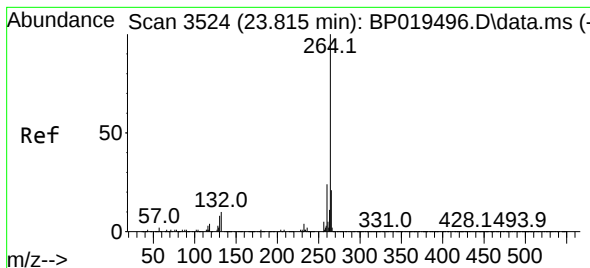
Delta R.T. -0.011 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:	149	Resp:	59154
Ion Ratio	Lower	Upper	
149	100		
167	31.7	22.7	34.1
279	7.5	4.2	6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3

Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Instrument :

BNA_P

ClientSampleId :

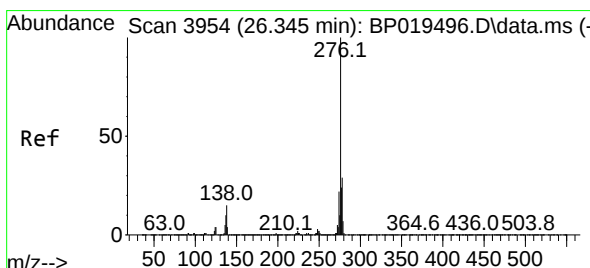
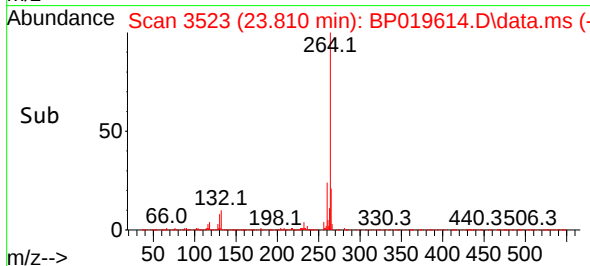
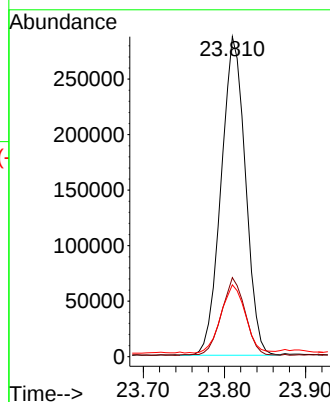
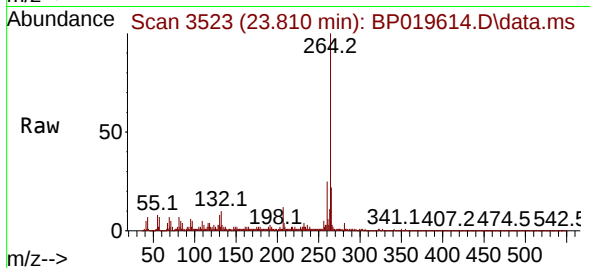
EB-5-0-2

Tgt Ion:	264	Resp:	59545
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	22.4	17.0	25.4

Manual Integrations

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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: 3.196 ng

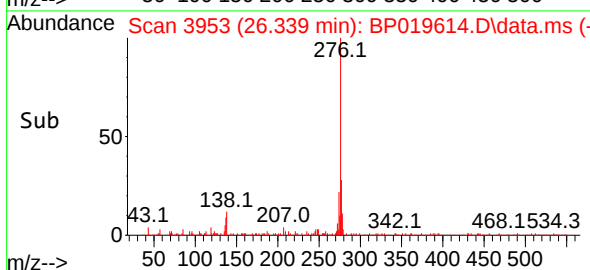
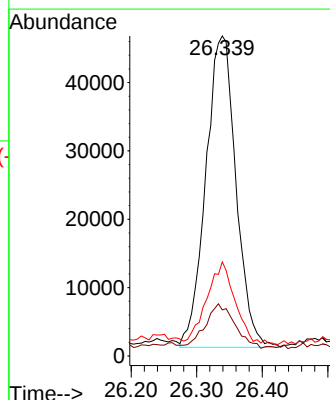
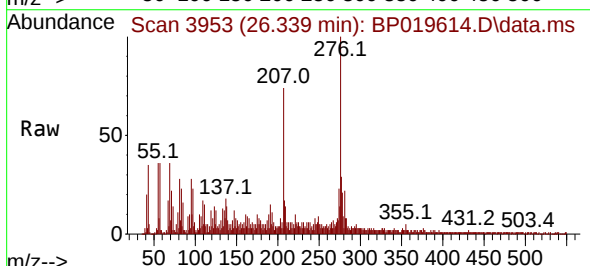
RT: 26.339 min Scan# 3953

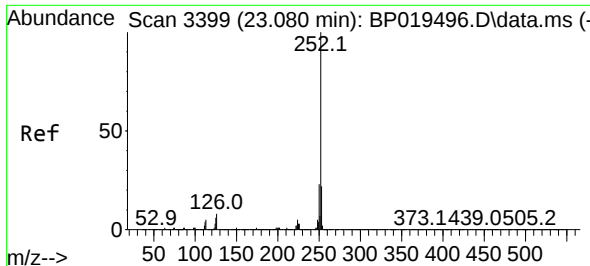
Delta R.T. -0.005 min

Lab File: BP019614.D

Acq: 08 Feb 2024 18:19

Tgt Ion:	276	Resp:	145676
Ion Ratio	Lower	Upper	
276	100		
138	13.2	13.1	19.7
277	25.8	20.3	30.5





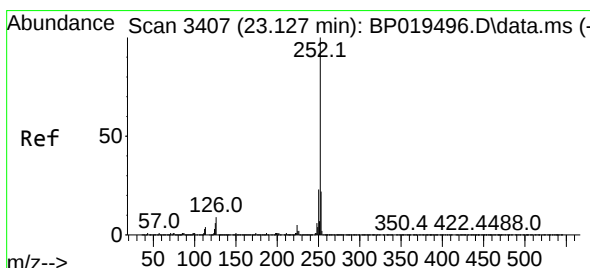
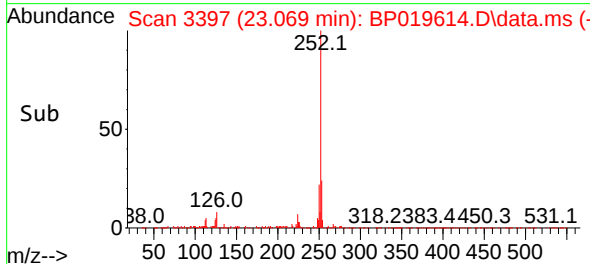
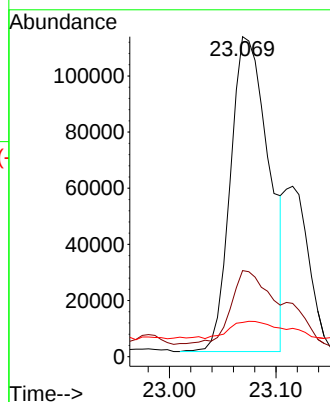
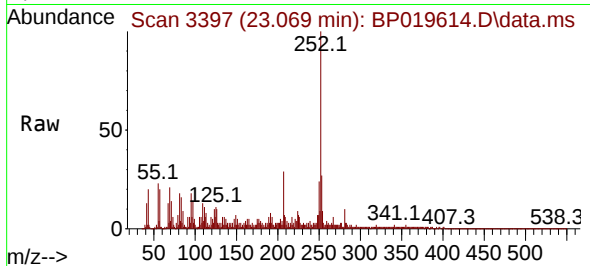
#88
Benzo(b)fluoranthene
Concen: 7.498 ng
RT: 23.069 min Scan# 3399
Delta R.T. -0.011 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Instrument : BNA_P
ClientSampleId : EB-5-0-2

Tgt Ion:252 Resp: 281379
Ion Ratio Lower Upper
252 100
253 26.9 17.3 25.9#
125 10.7 4.9 7.3#

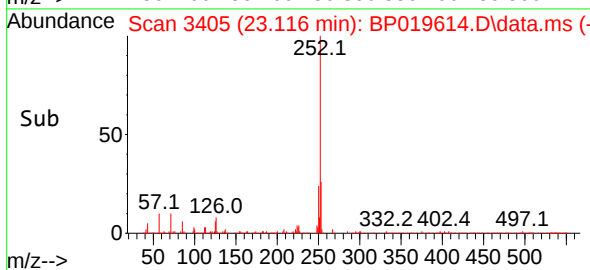
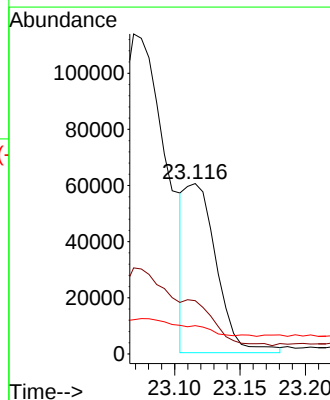
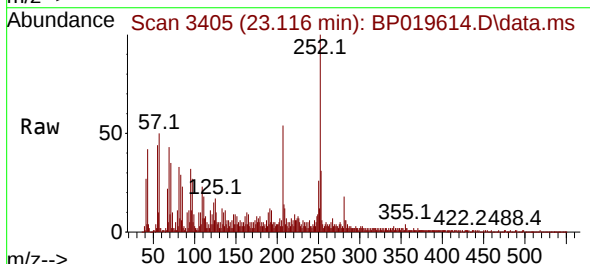
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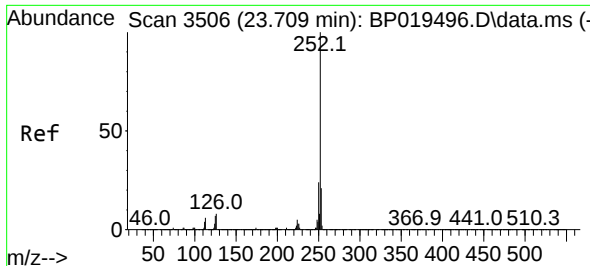
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#89
Benzo(k)fluoranthene
Concen: 2.806 ng m
RT: 23.116 min Scan# 3405
Delta R.T. -0.011 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Tgt Ion:252 Resp: 100605
Ion Ratio Lower Upper
252 100
253 31.2 17.1 25.7#
125 16.6 5.0 7.6#





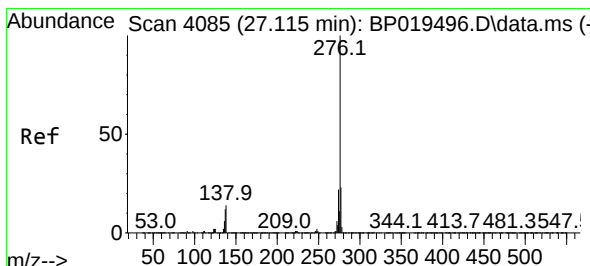
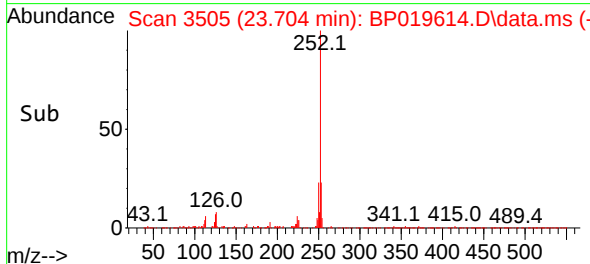
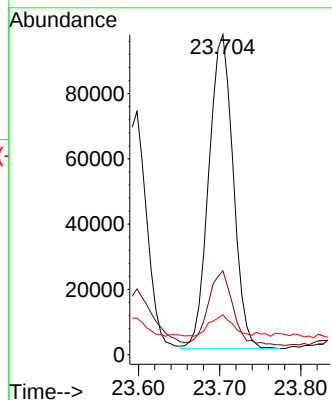
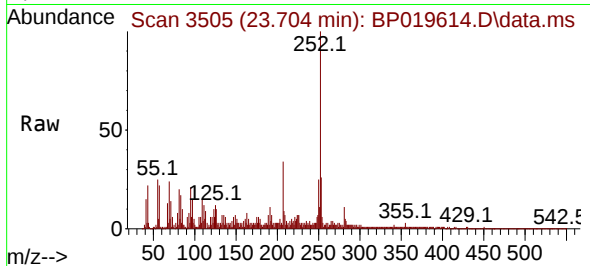
#90
Benzo(a)pyrene
Concen: 6.008 ng
RT: 23.704 min Scan# 3506
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_P
ClientSampleId :
EB-5-0-2

Tgt Ion:252 Resp: 200610
Ion Ratio Lower Upper
252 100
253 26.2 17.1 25.7
125 12.5 5.6 8.4

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



#92
Benzo(g,h,i)perylene
Concen: 3.789 ng
RT: 27.110 min Scan# 4084
Delta R.T. -0.005 min
Lab File: BP019614.D
Acq: 08 Feb 2024 18:19

Tgt Ion:276 Resp: 144097
Ion Ratio Lower Upper
276 100
277 25.9 18.6 28.0
138 13.9 10.9 16.3

