

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019610.D
 Acq On : 08 Feb 2024 15:13
 Operator : MA/JU
 Sample : P1364-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 15:47:37 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	7.905	152	95716	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	376005	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	237513	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	527991	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	482697	20.000	ng	0.00
86) Perylene-d12	23.810	264	528236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	656254	110.518	ng	0.00
7) Phenol-d6	7.075	99	907470	113.340	ng	-0.01
23) Nitrobenzene-d5	9.075	82	601833	69.356	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	455398	131.320	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1356443	70.601	ng	-0.01
79) Terphenyl-d14	19.863	244	2112116	71.960	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.333	178	274209	9.868	ng	99
72) Anthracene	17.422	178	62093	2.240	ng	100
75) Fluoranthene	19.304	202	448720	13.219	ng	99
78) Pyrene	19.657	202	396551	11.640	ng	99
81) Benzo(a)anthracene	21.369	228	227144	6.685	ng	96
83) Chrysene	21.422	228	210818	6.535	ng	95
87) Indeno(1,2,3-cd)pyrene	26.339	276	129564	3.204	ng	97
88) Benzo(b)fluoranthene	23.074	252	264075	7.932	ng	# 92
89) Benzo(k)fluoranthene	23.116	252	92079m	2.895	ng	# 90
90) Benzo(a)pyrene	23.704	252	178843	6.037	ng	# 90
92) Benzo(g,h,i)perylene	27.115	276	122082	3.619	ng	# 93

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

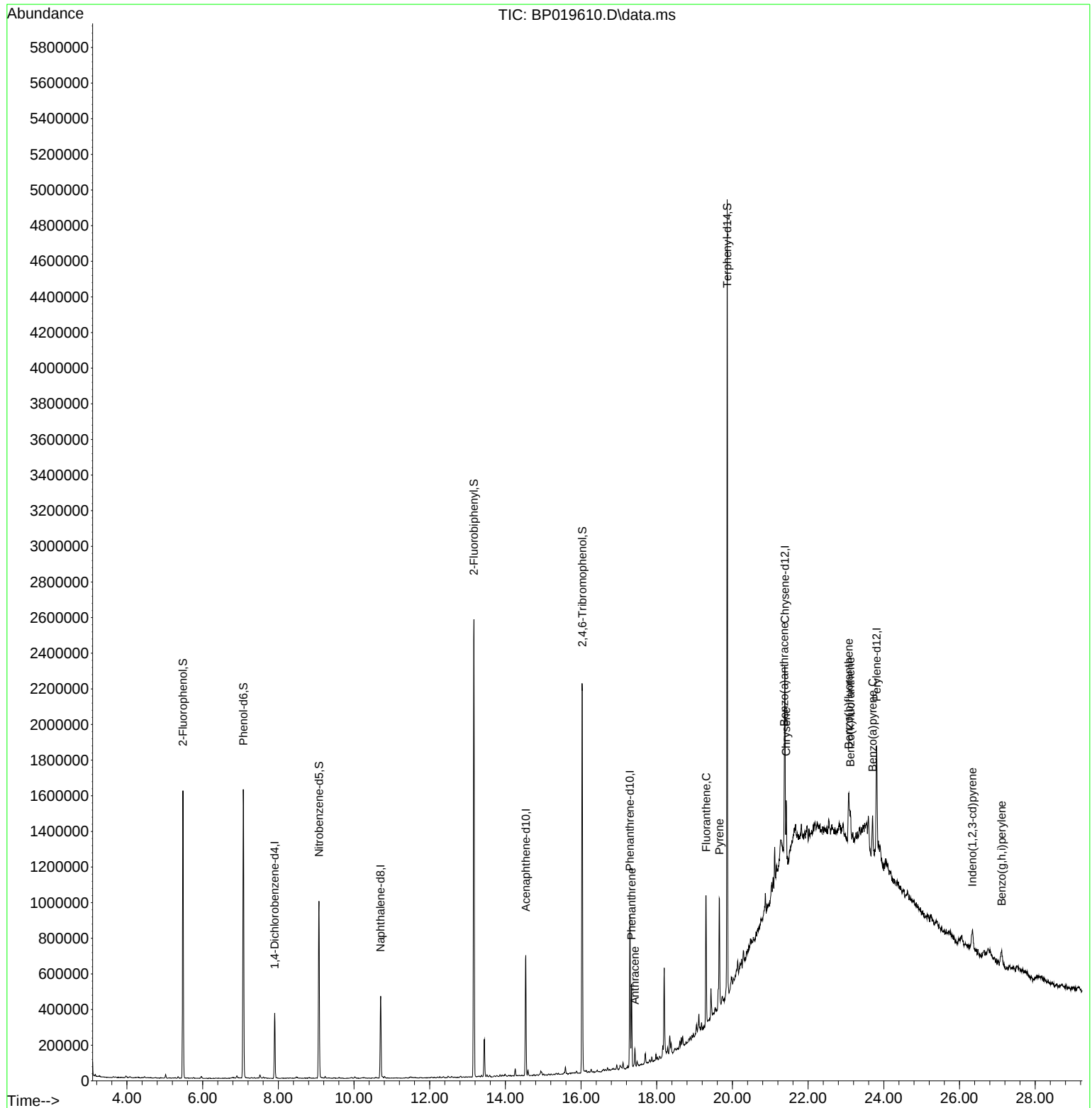
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Data File : BP019610.D
Acq On : 08 Feb 2024 15:13
Operator : MA/JU
Sample : P1364-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

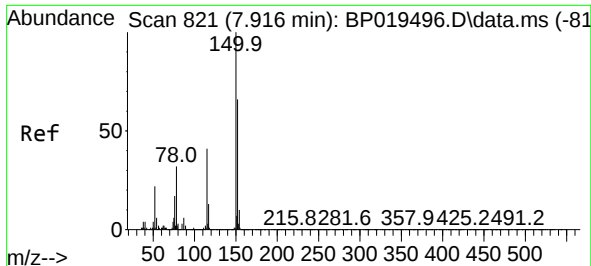
Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Time: Feb 08 15:47:37 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

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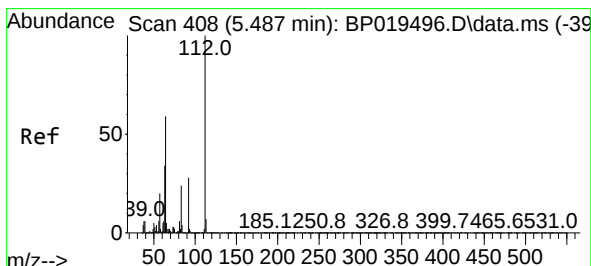
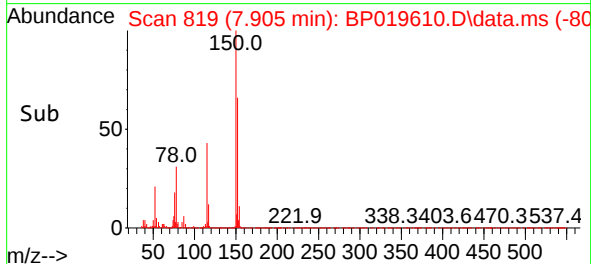
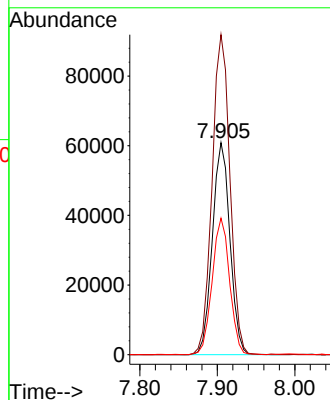
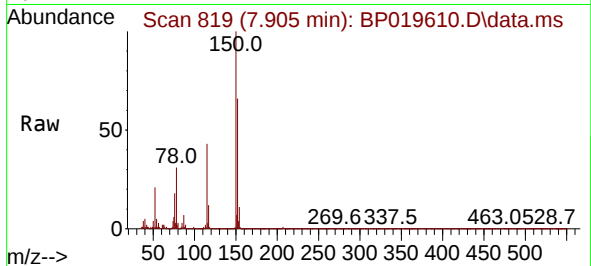
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 95710
Ion Ratio Lower Upper
152 100
150 151.0 121.8 182.8
115 64.4 49.9 74.9

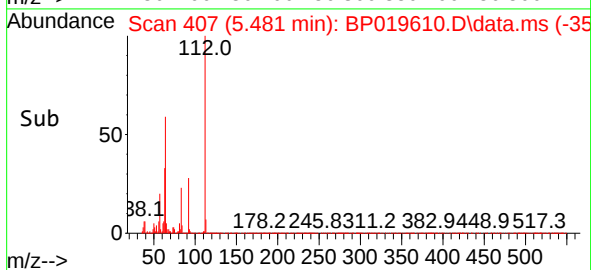
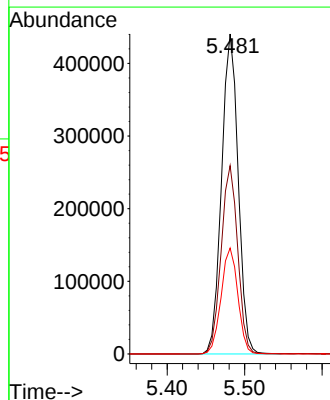
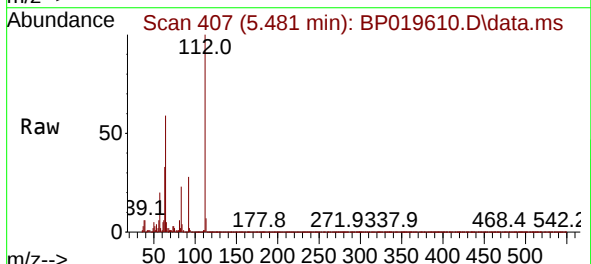
Manual Integrations
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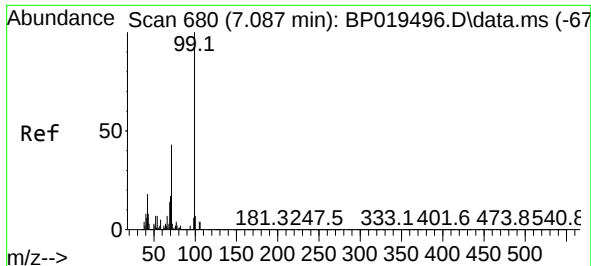
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 110.518 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

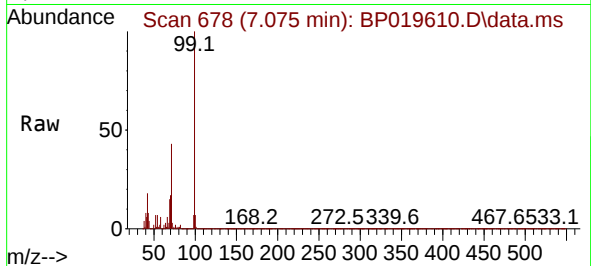
Tgt Ion:112 Resp: 656254
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.0
63 33.1 27.0 40.6





#7
Phenol-d6
Concen: 113.340 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

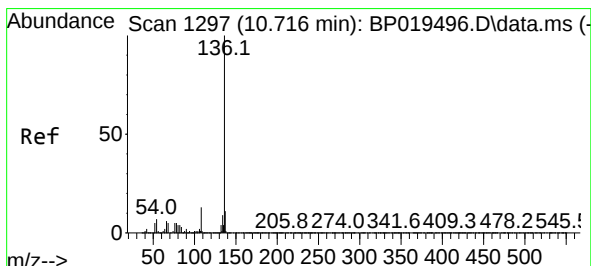
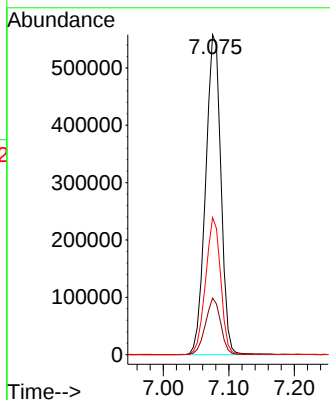
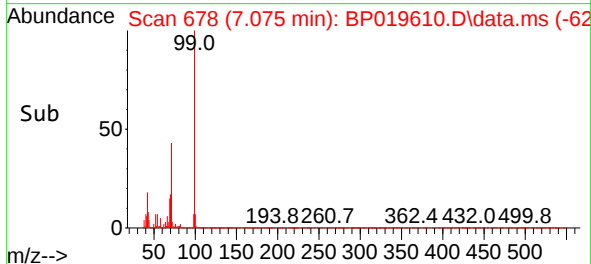
Instrument :
BNA_P
ClientSampleId :
COMP-1



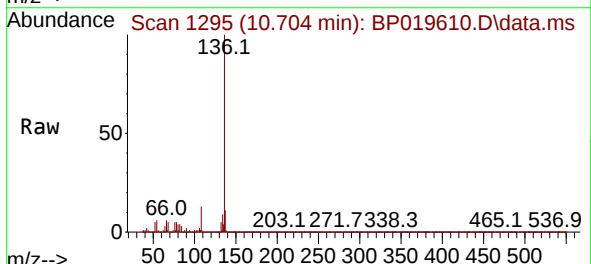
Tgt Ion: 99 Resp: 907470
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.8 34.8 52.2

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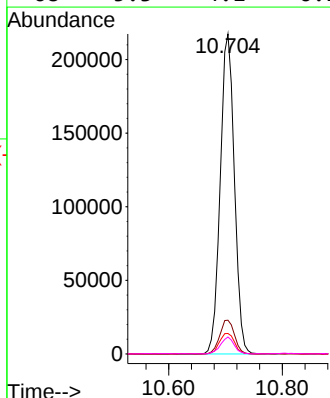
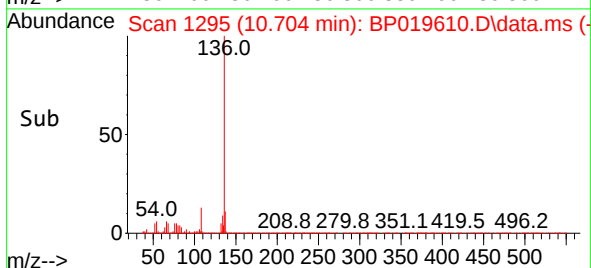
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

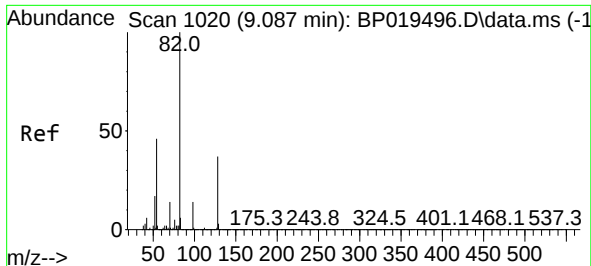


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13



Tgt Ion:136 Resp: 376005
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.4 5.3 7.9
68 5.3 4.1 6.1





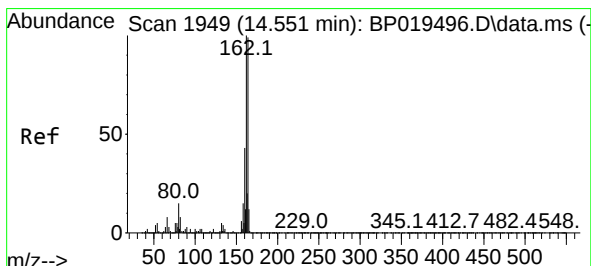
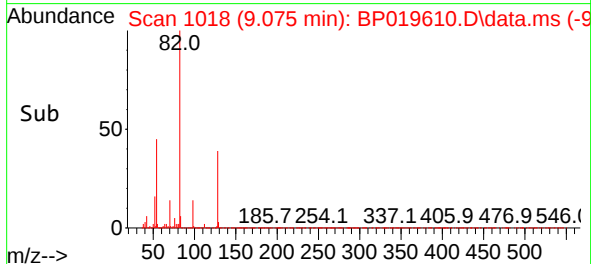
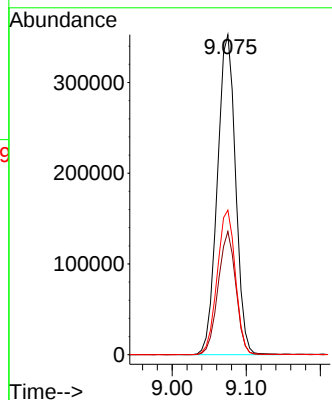
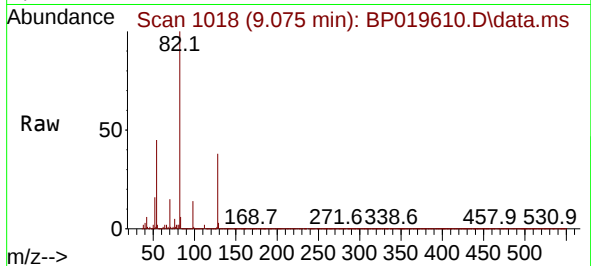
#23
Nitrobenzene-d5
Concen: 69.356 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 60183
Ion Ratio Lower Upper
82 100
128 38.5 29.7 44.5
54 45.2 36.8 55.2

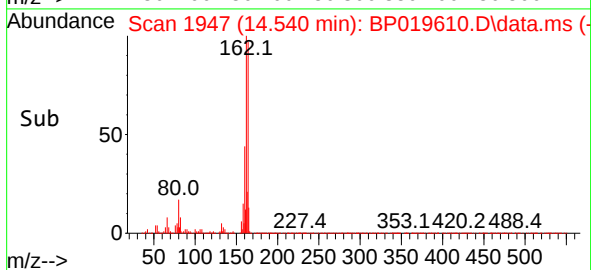
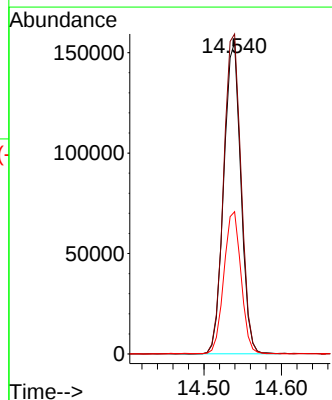
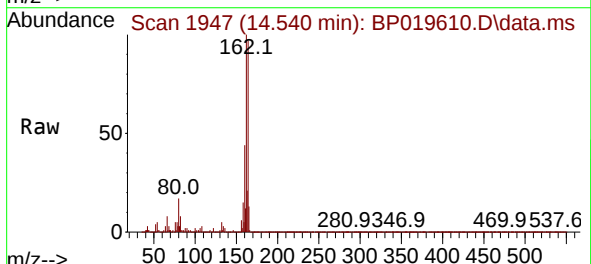
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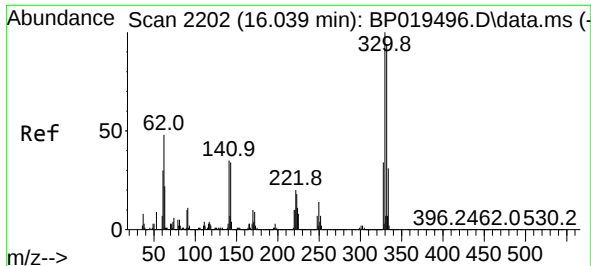
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

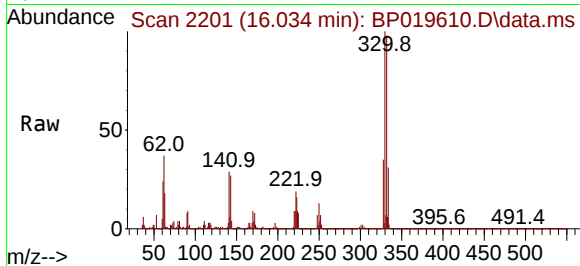
Tgt Ion:164 Resp: 237513
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 45.6 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 131.320 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

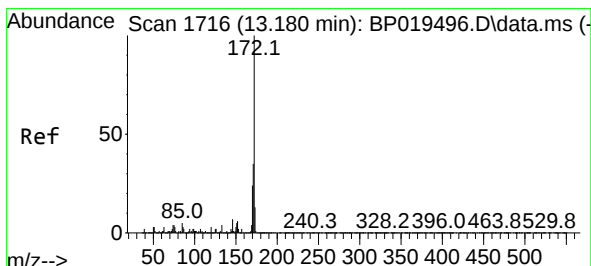
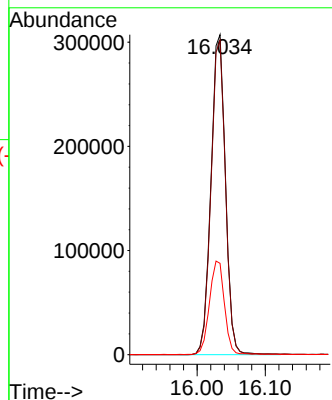
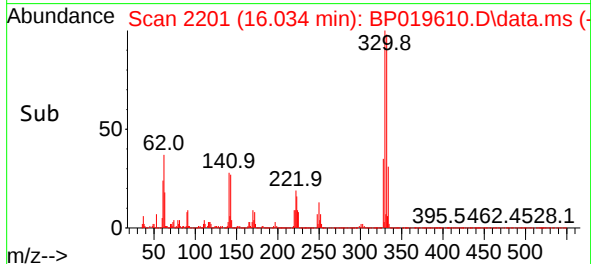
Instrument :
BNA_P
ClientSampleId :
COMP-1



Tgt Ion:330 Resp: 455398
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 30.1 27.0 40.4

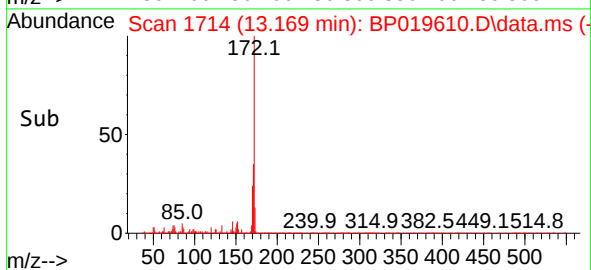
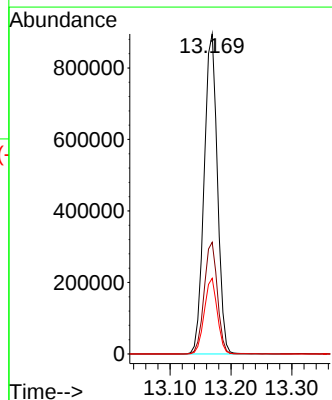
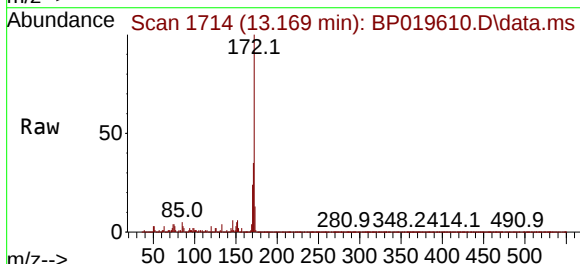
Manual Integrations
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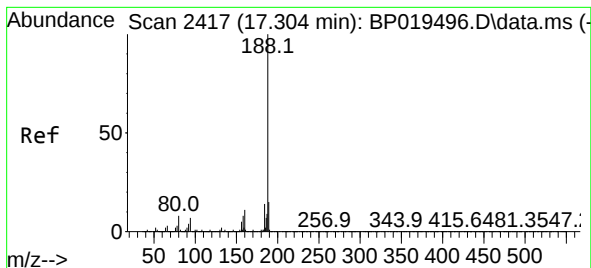
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#45
2-Fluorobiphenyl
Concen: 70.601 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:172 Resp: 1356443
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.6 18.9 28.3





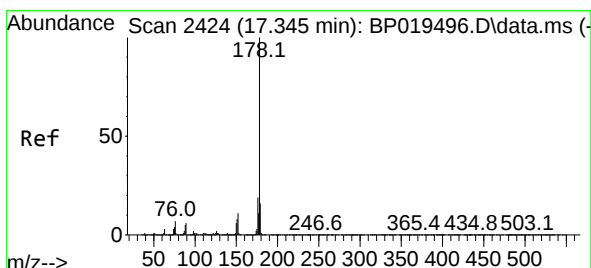
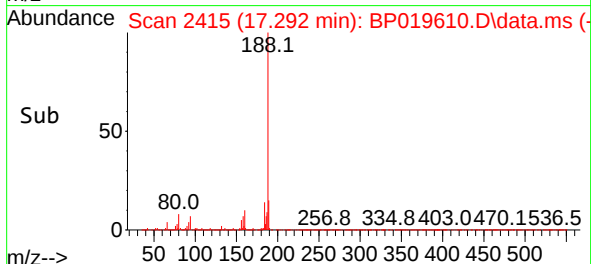
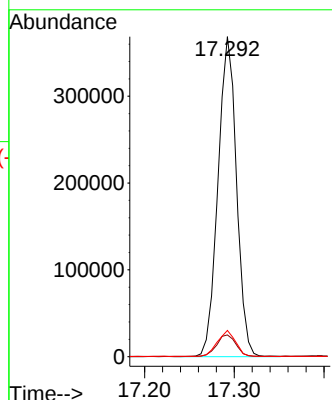
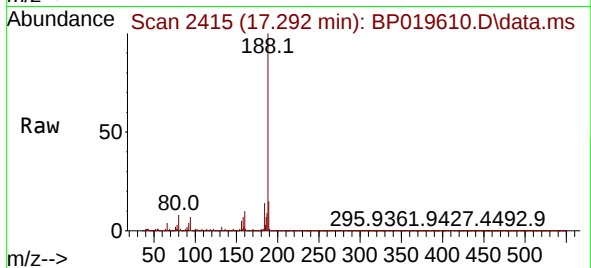
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 52799
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.2 6.3 9.5

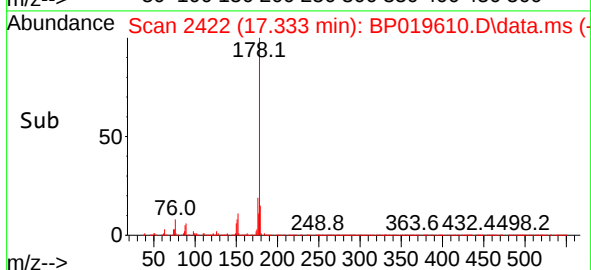
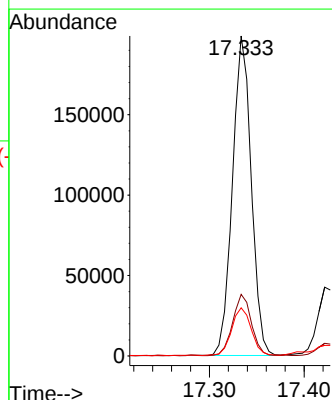
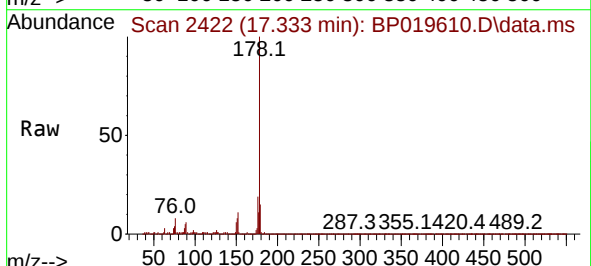
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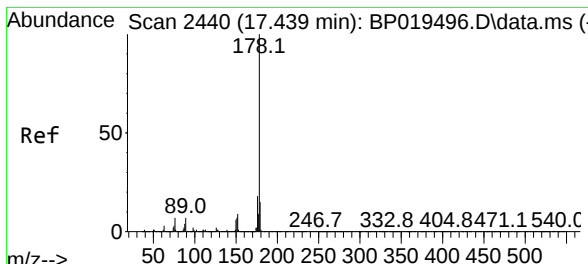
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#71
Phenanthrene
Concen: 9.868 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:178 Resp: 274209
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.6 19.0





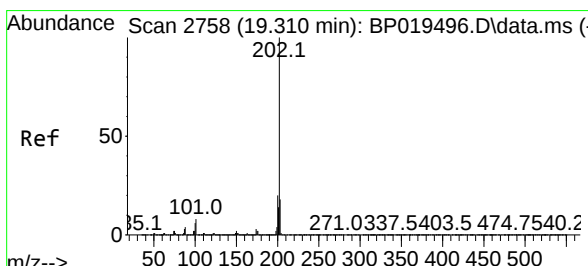
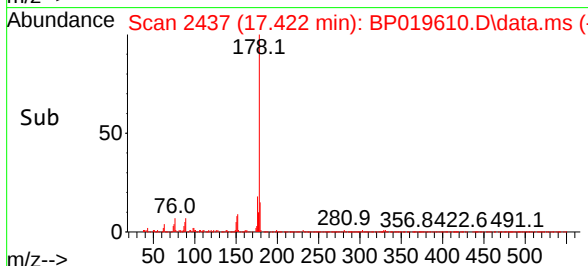
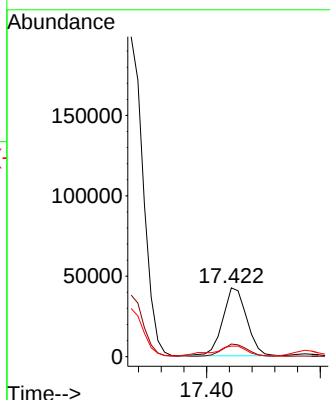
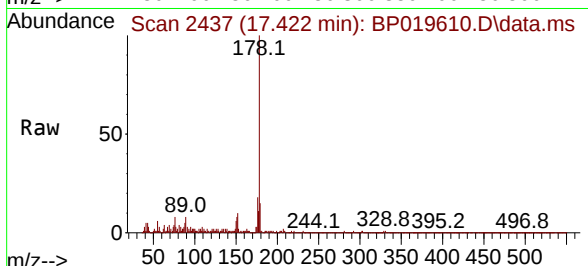
#72
 Anthracene
 Concen: 2.240 ng
 RT: 17.422 min Scan# 2440
 Delta R.T. -0.017 min
 Lab File: BP019610.D
 Acq: 08 Feb 2024 15:13

Instrument : BNA_P
 ClientSampleId :
 COMP-1

Tgt Ion:178	Resp: 6209
Ion Ratio	Lower Upper
178 100	
176 18.3	14.7 22.1
179 15.3	12.2 18.2

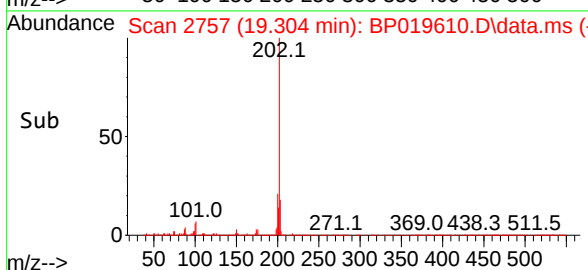
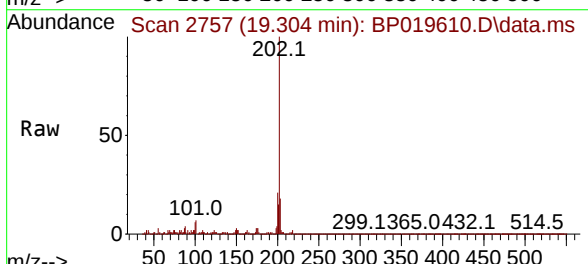
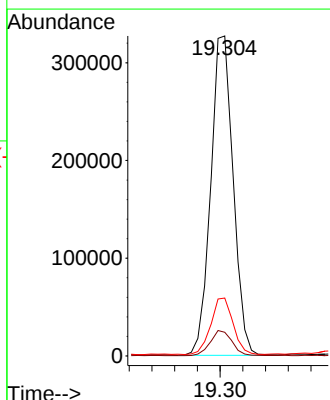
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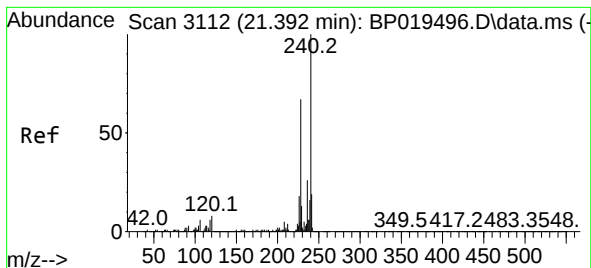
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#75
 Fluoranthene
 Concen: 13.219 ng
 RT: 19.304 min Scan# 2757
 Delta R.T. -0.006 min
 Lab File: BP019610.D
 Acq: 08 Feb 2024 15:13

Tgt Ion:202	Resp: 448720
Ion Ratio	Lower Upper
202 100	
101 7.4	0.0 27.7
203 18.1	0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

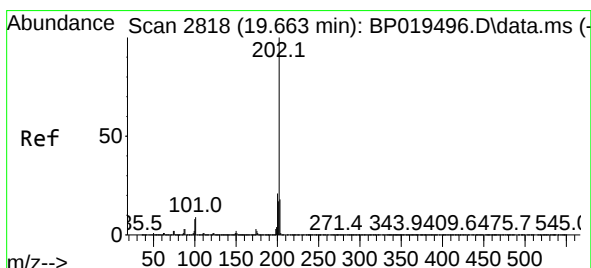
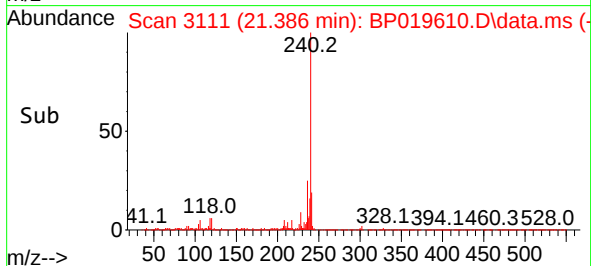
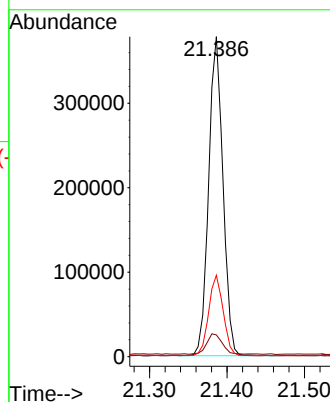
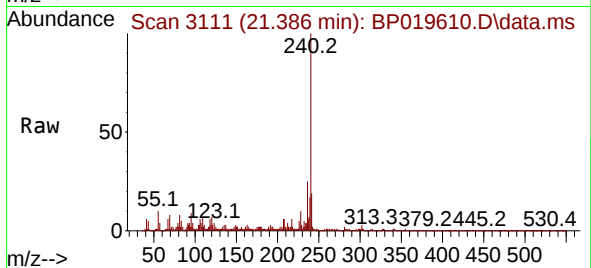
Tgt Ion:240 Resp: 48269

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	25.5	20.7	31.1

Manual Integrations

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#78

Pyrene

Concen: 11.640 ng

RT: 19.657 min Scan# 2817

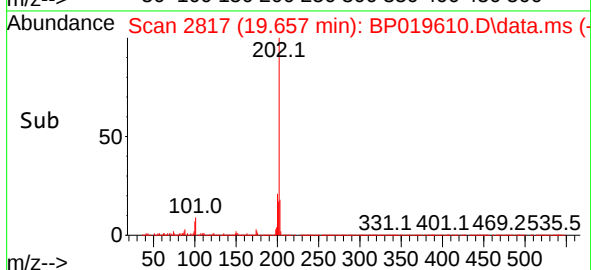
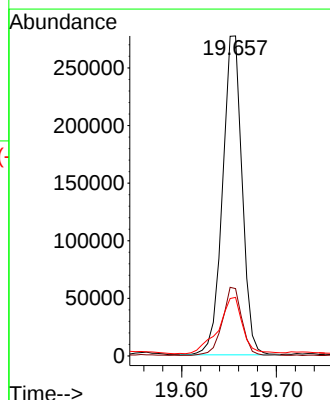
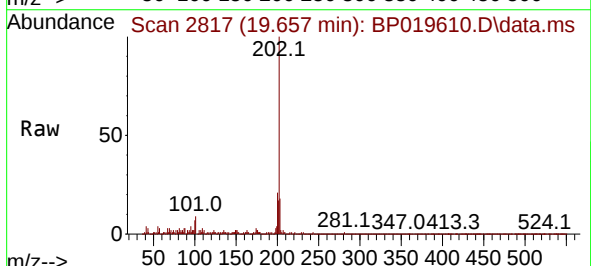
Delta R.T. -0.006 min

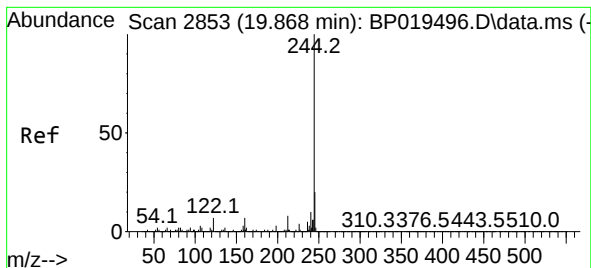
Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Tgt Ion:202 Resp: 396551

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.3	14.2	21.2





#79

Terphenyl-d14

Concen: 71.960 ng

RT: 19.863 min Scan# 2112110

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

Tgt Ion:244 Resp: 2112110

Ion Ratio Lower Upper

244 100

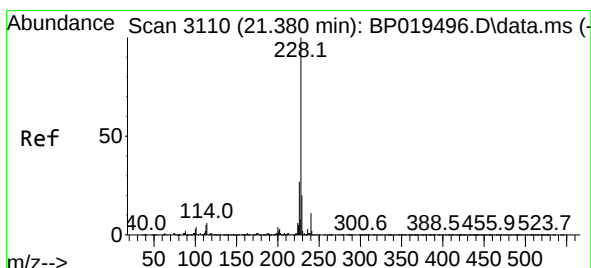
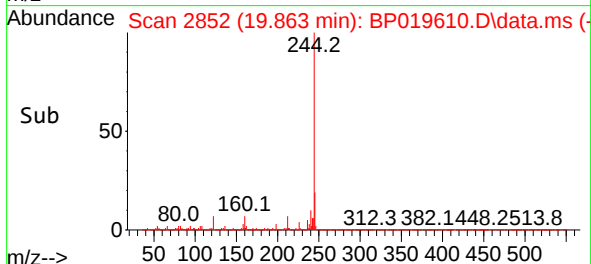
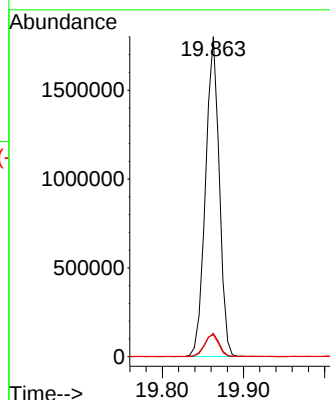
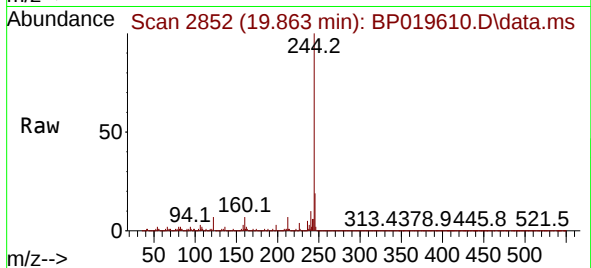
212 7.3 6.1 9.1

122 6.8 5.9 8.9

Manual Integrations

APPROVED

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



#81

Benzo(a)anthracene

Concen: 6.685 ng

RT: 21.369 min Scan# 3108

Delta R.T. -0.011 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

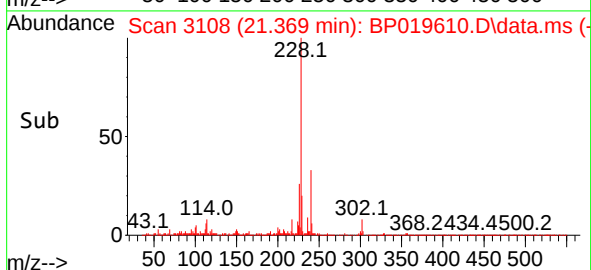
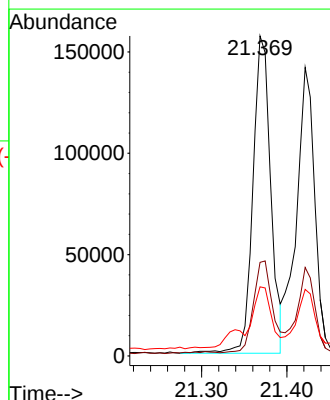
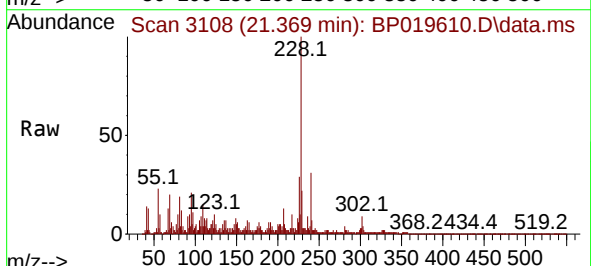
Tgt Ion:228 Resp: 227144

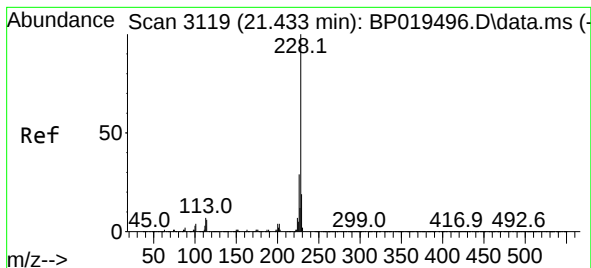
Ion Ratio Lower Upper

228 100

226 29.2 21.7 32.5

229 21.6 15.6 23.4





#83

Chrysene

Concen: 6.535 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

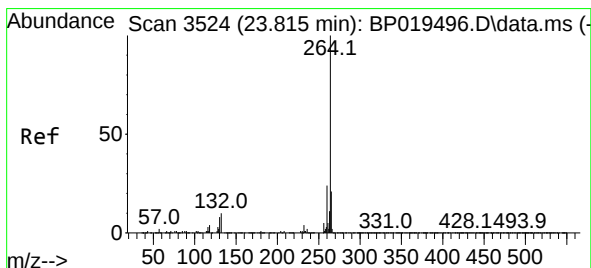
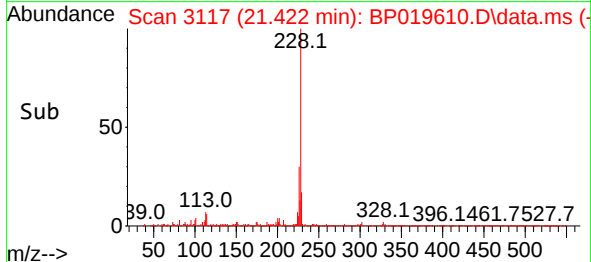
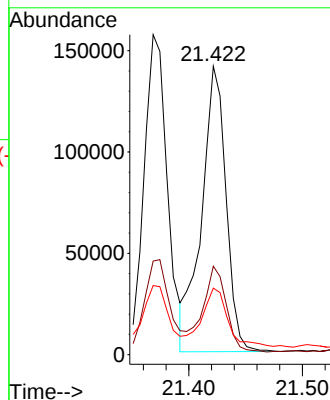
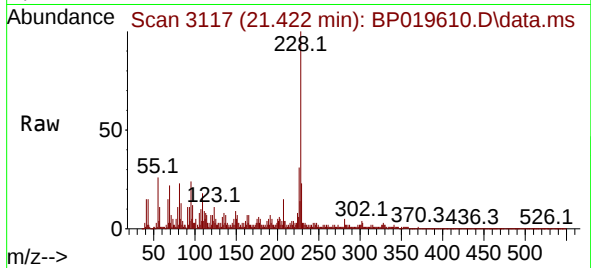
COMP-1

Tgt Ion:228	Resp: 210818
Ion Ratio	Lower Upper
228 100	
226 30.7	23.4 35.2
229 23.0	15.6 23.4

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

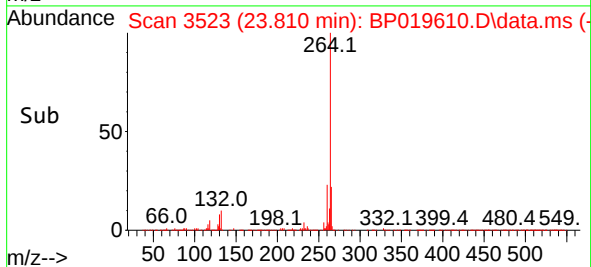
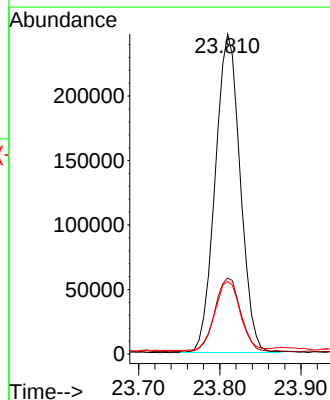
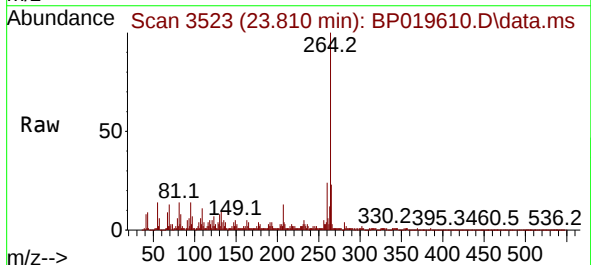
RT: 23.810 min Scan# 3523

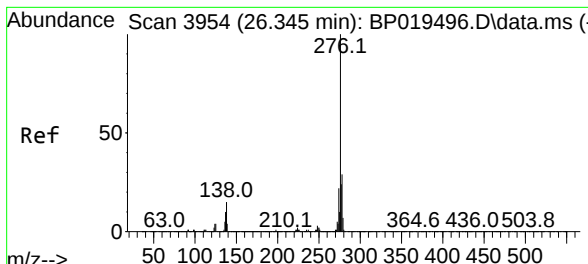
Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Tgt Ion:264	Resp: 528236
Ion Ratio	Lower Upper
264 100	
260 23.8	19.2 28.8
265 22.7	17.0 25.4





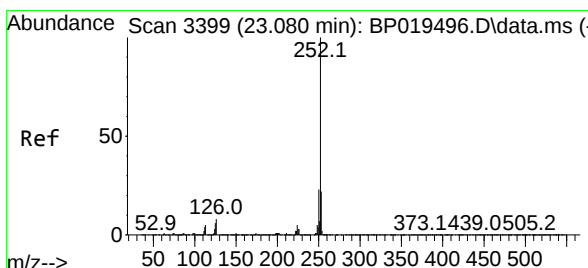
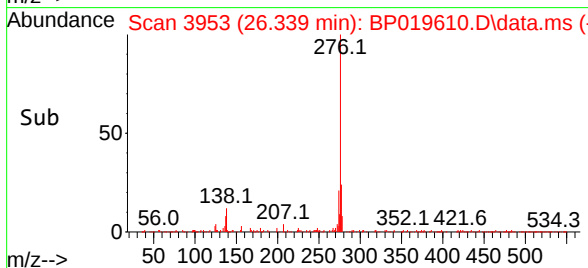
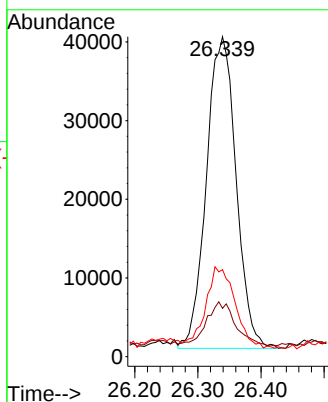
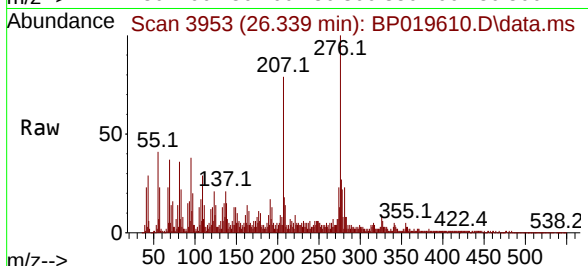
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.204 ng
 RT: 26.339 min Scan# 3953
 Delta R.T. -0.006 min
 Lab File: BP019610.D
 Acq: 08 Feb 2024 15:13

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Tgt Ion:	276	Resp:	129564
Ion Ratio	Lower	Upper	
276	100		
138	13.9	13.1	19.7
277	26.0	20.3	30.5

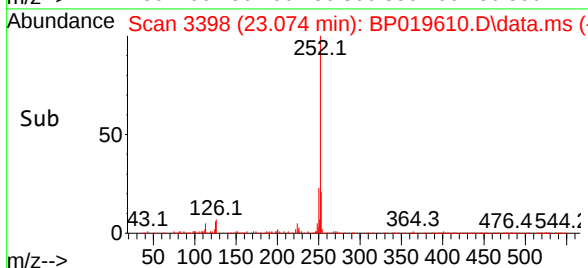
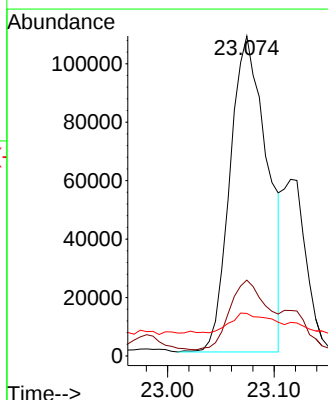
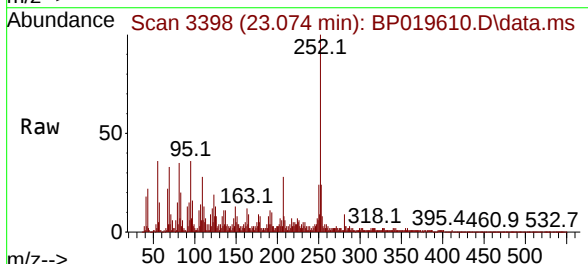
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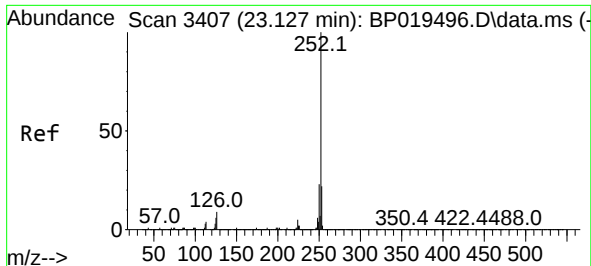
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#88
 Benzo(b)fluoranthene
 Concen: 7.932 ng
 RT: 23.074 min Scan# 3398
 Delta R.T. -0.006 min
 Lab File: BP019610.D
 Acq: 08 Feb 2024 15:13

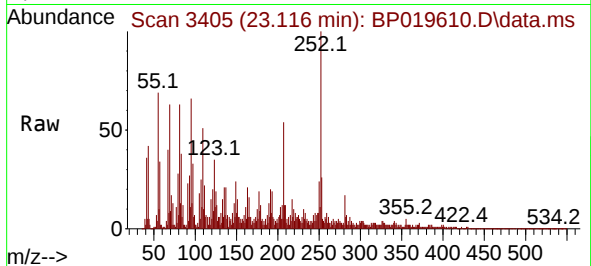
Tgt Ion:	252	Resp:	264075
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.3	25.9
125	13.3	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 2.895 ng m
RT: 23.116 min Scan# 3407
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

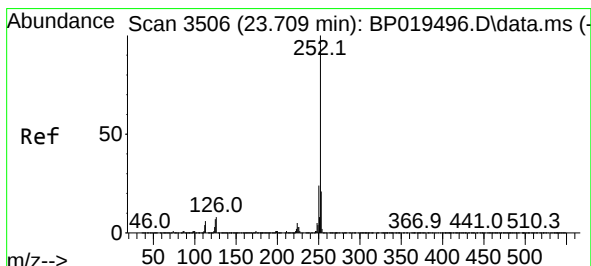
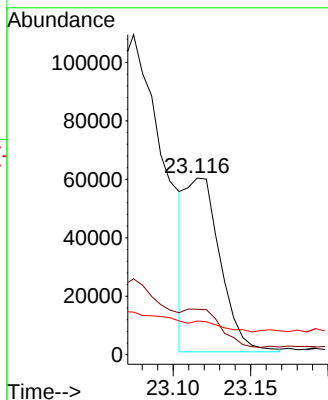
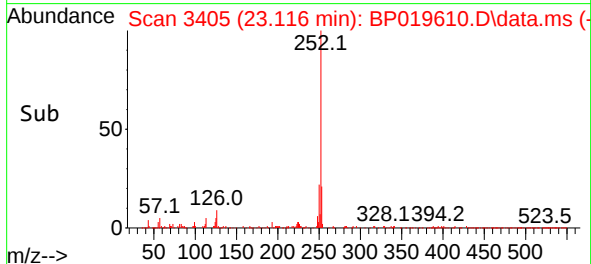
Instrument :
BNA_P
ClientSampleId :
COMP-1



Tgt Ion:252 Resp: 92079
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7
125 19.0 5.0 7.6

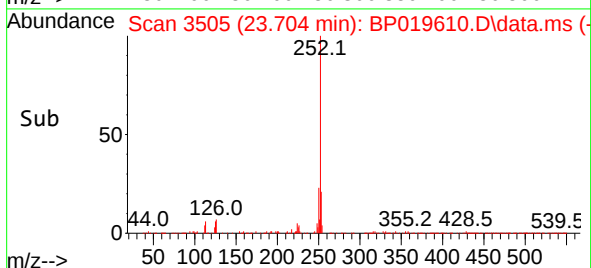
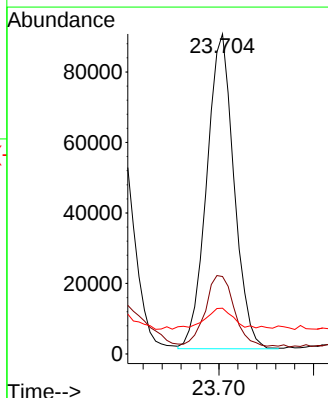
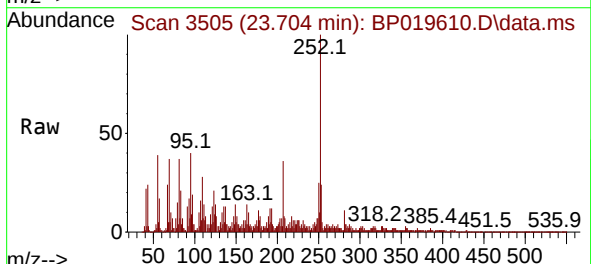
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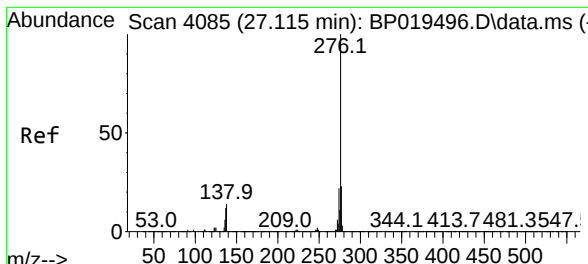
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#90
Benzo(a)pyrene
Concen: 6.037 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

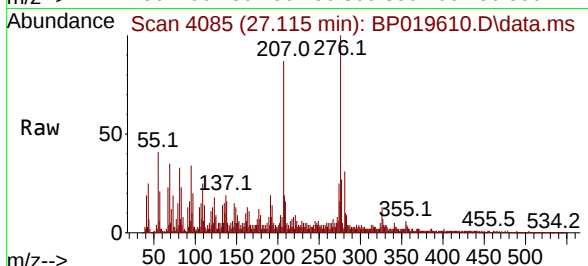
Tgt Ion:252 Resp: 178843
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 14.3 5.6 8.4





#92
 Benzo(g,h,i)perylene
 Concen: 3.619 ng
 RT: 27.115 min Scan# 4085
 Delta R.T. 0.000 min
 Lab File: BP019610.D
 Acq: 08 Feb 2024 15:13

Instrument : BNA_P
 ClientSampleId :
 COMP-1



Tgt Ion: 276 Resp: 12208

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	16.5	10.9	16.3

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

