

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020741.D
 Acq On : 02 Jul 2024 08:00
 Operator : MA/JU
 Sample : P2962-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T79

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:30:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	252150	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	1023189	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.375	164	622954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1125933	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	973214	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	1145154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	25019	4.261	ng/uL	0.00
4) Pyridine-d5	3.687	84	363722	21.254	ng/ul	0.00
7) Phenol-d5	6.922	99	518908	25.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	330309	25.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	433143	25.626	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	446496	26.583	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	224675	29.742	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	256450	33.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	435006	27.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	588402	26.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1352926	31.236	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1507641	29.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	156125	23.591	ng/ul	0.00
60) Fluorene-d10	15.387	176	1079136	29.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	125180	22.062	ng/ul	0.01
73) Anthracene-d10	17.287	188	1491698	29.520	ng/ul	0.00
81) Pyrene-d10	19.669	212	1612585	27.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	1725287	30.972	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.563	128	5233575	95.564	ng/ul	99
36) 2-Methylnaphthalene	12.175	142	1543413	42.072	ng/ul	99
37) 1-Methylnaphthalene	12.393	142	908055	24.213	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	210241	4.513	ng/ul	98
50) Acenaphthylene	14.087	152	1060766	18.170	ng/ul	99
52) Acenaphthene	14.440	153	119928	3.097	ng/ul	99
56) Dibenzofuran	14.781	168	64917	1.244	ng/ul	93
61) Fluorene	15.440	166	468717	11.179	ng/ul	99
72) Phenanthrene	17.228	178	2086794	35.393	ng/ul	100
74) Anthracene	17.322	178	557197	9.187	ng/ul	99
80) Fluoranthene	19.316	202	779551	10.915	ng/ul	99
82) Pyrene	19.698	202	1169915	15.973	ng/ul	98
85) Benzo(a)anthracene	21.616	228	421606m	6.181	ng/ul	
87) Chrysene	21.680	228	338046	5.243	ng/ul	97
90) Benzo(b)fluoranthene	23.927	252	247149	3.563	ng/ul	96
91) Benzo(k)fluoranthene	23.992	252	96561m	1.376	ng/ul	
93) Benzo(a)pyrene	24.833	252	330814	5.051	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.792	276	119744	1.426	ng/ul	98
96) Benzo(g,h,i)perylene	29.962	276	135269m	1.972	ng/ul	

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

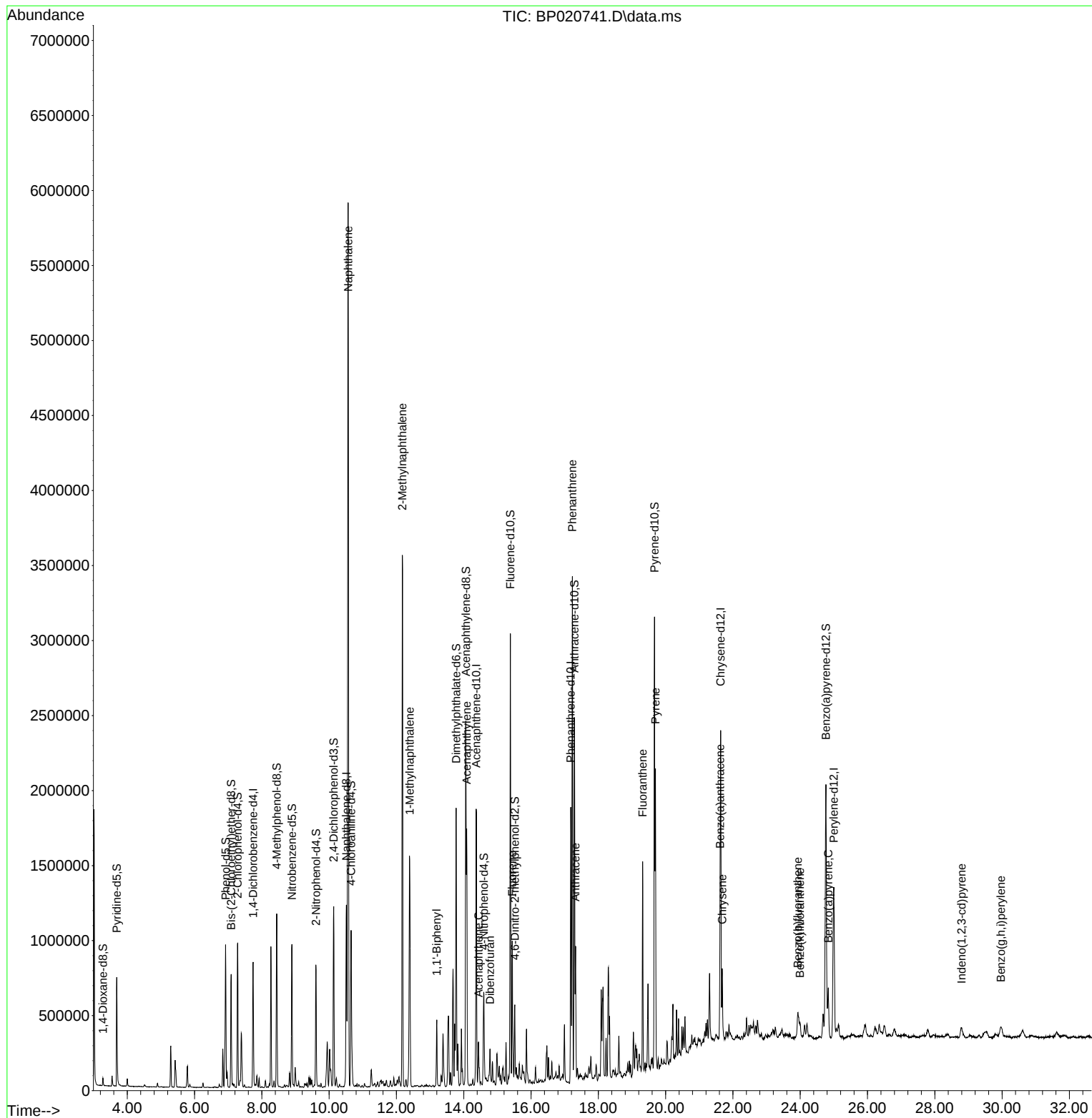
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020741.D
 Acq On : 02 Jul 2024 08:00
 Operator : MA/JU
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 ALS Vial : 31 Sample Multiplier: 1

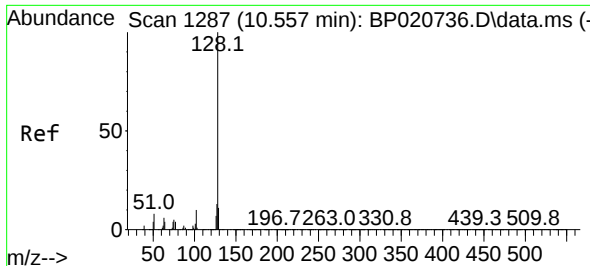
Instrument :
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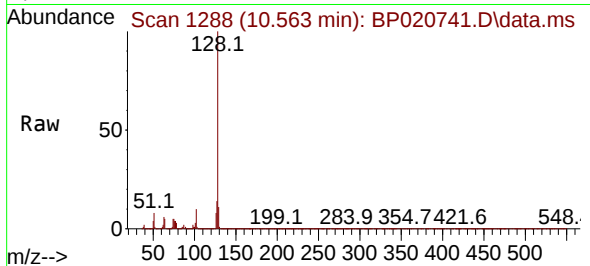
Quant Time: Jul 02 08:30:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
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#30
Naphthalene
Concen: 95.564 ng/ul
RT: 10.563 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

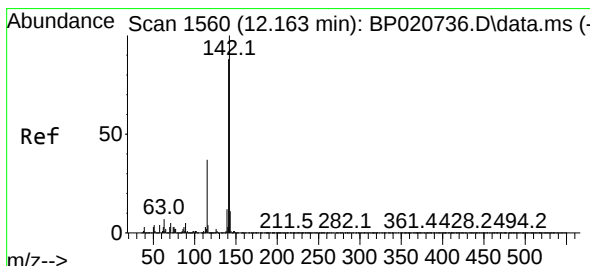
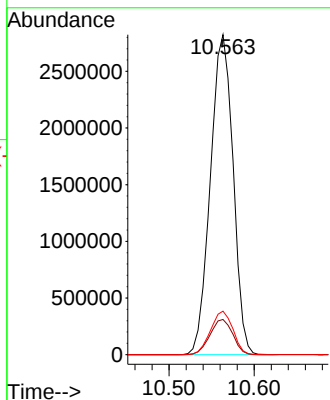
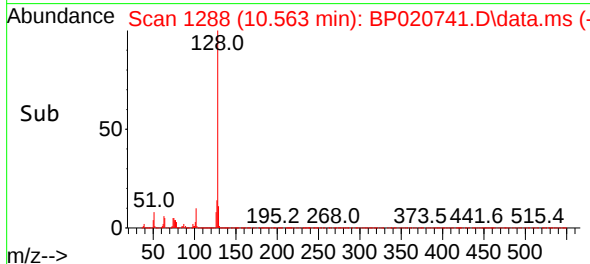
Instrument :
BNA_P
ClientSampleId :
C0T79



Tgt Ion:128 Resp: 5233579
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 15.8

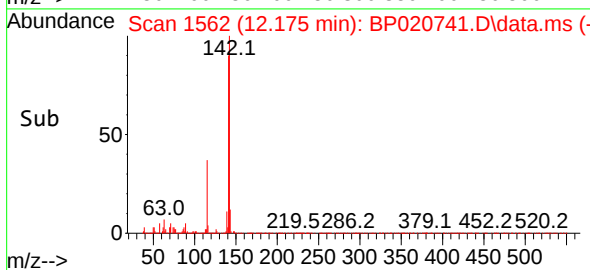
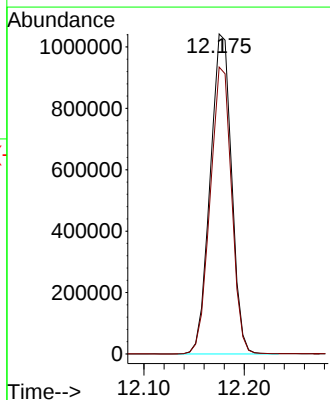
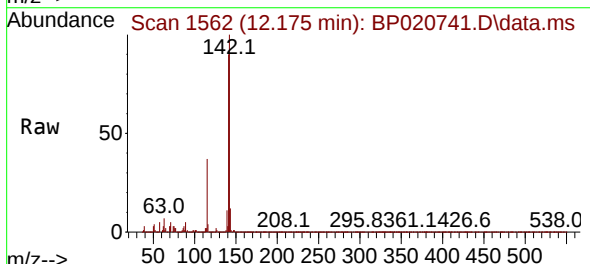
Manual Integrations
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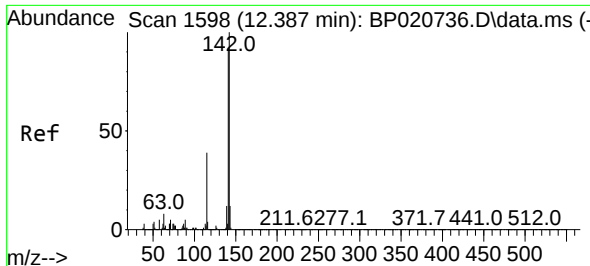
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 42.072 ng/ul
RT: 12.175 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

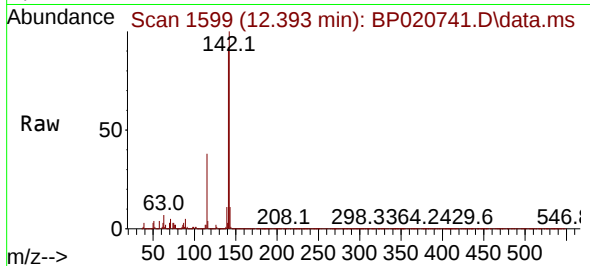
Tgt Ion:142 Resp: 1543413
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#37
1-Methylnaphthalene
Concen: 24.213 ng/ul
RT: 12.393 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

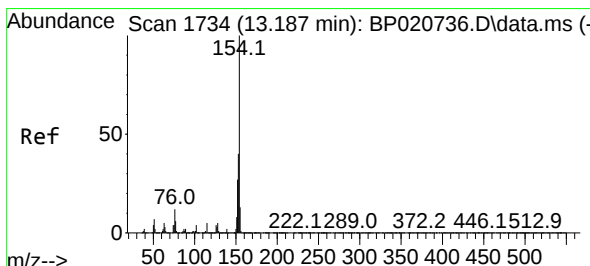
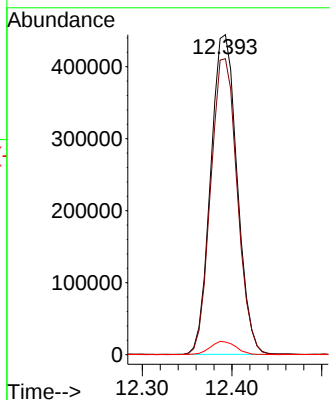
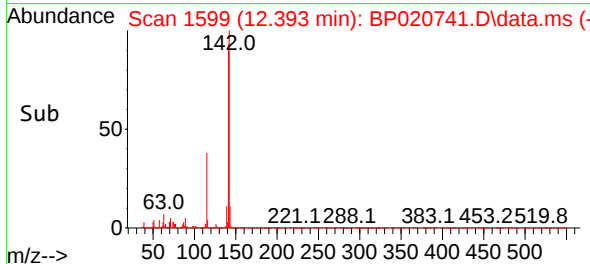
Instrument :
BNA_P
ClientSampleId :
C0T79



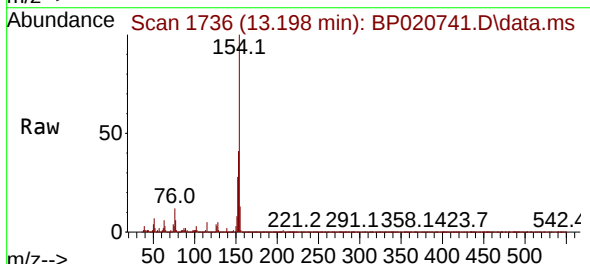
Tgt Ion:142 Resp: 90805
Ion Ratio Lower Upper
142 100
141 92.5 74.9 112.3
116 4.0 3.3 4.9

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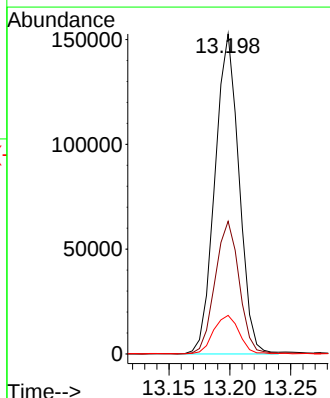
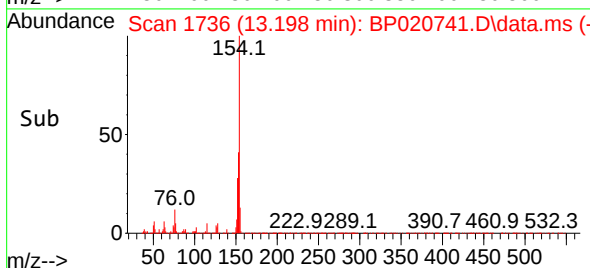
Reviewed By :Jagrut Upadhyay 07/02/2024
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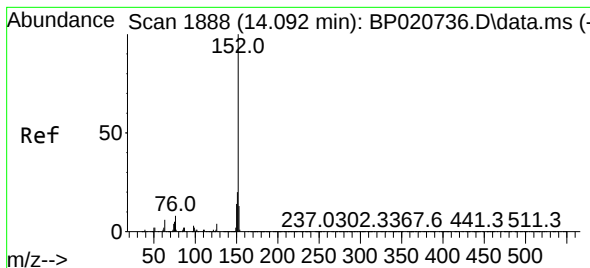


#43
1,1'-Biphenyl
Concen: 4.513 ng/ul
RT: 13.198 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00



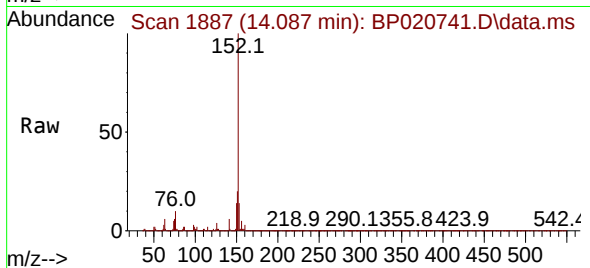
Tgt Ion:154 Resp: 210241
Ion Ratio Lower Upper
154 100
153 41.4 32.6 48.8
76 12.0 10.8 16.2





#50
Acenaphthylene
Concen: 18.170 ng/ul
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

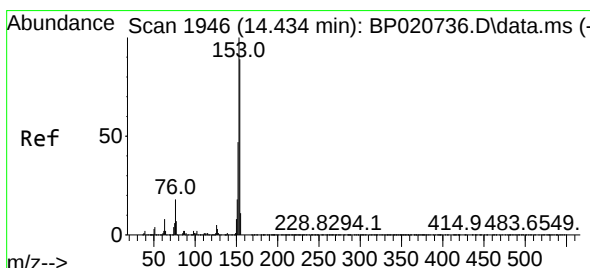
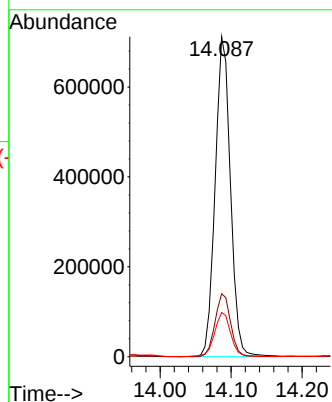
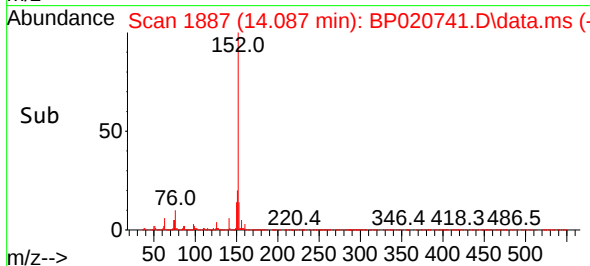
Instrument :
BNA_P
ClientSampleId :
C0T79



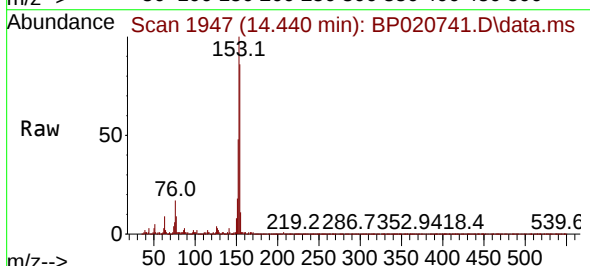
Tgt Ion:152 Resp: 1060760
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.8 10.8 16.2

Manual Integrations
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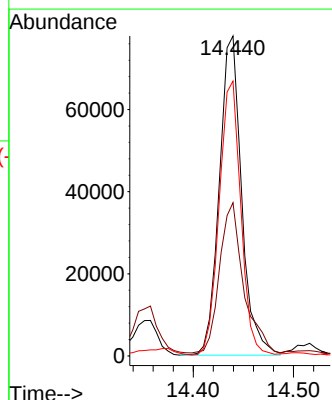
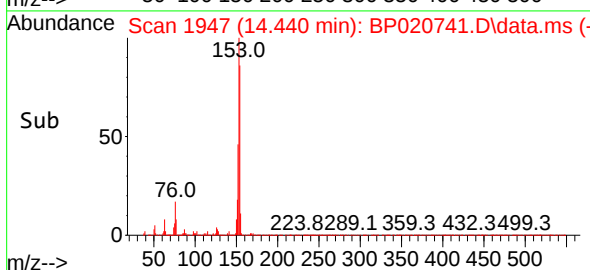
Reviewed By :Jagrut Upadhyay 07/02/2024
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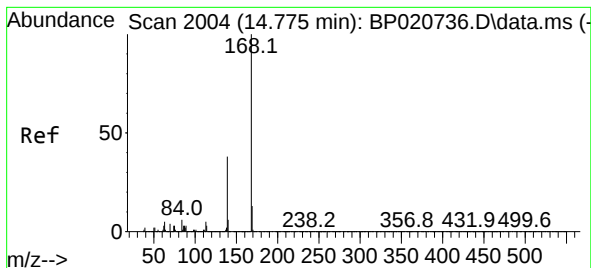


#52
Acenaphthene
Concen: 3.097 ng/ul
RT: 14.440 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00



Tgt Ion:153 Resp: 119928
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.2
154 85.9 69.8 104.6





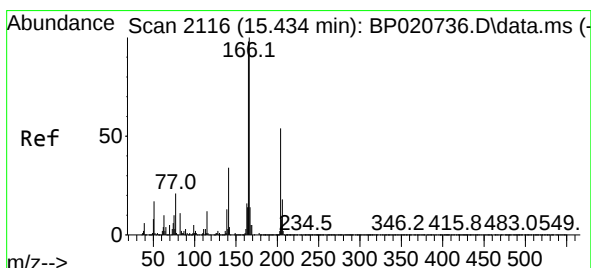
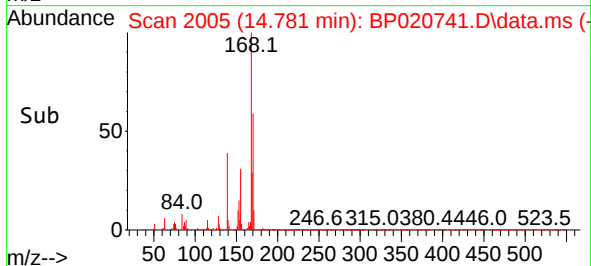
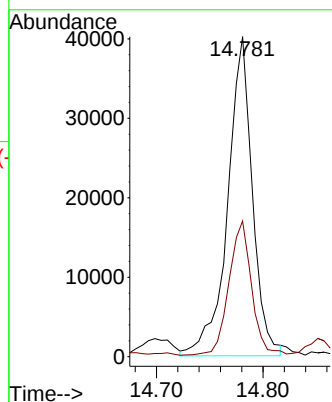
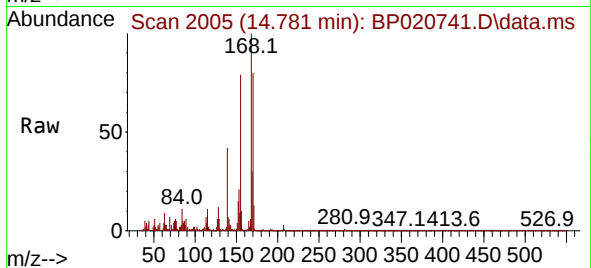
#56
Dibenzenofuran
Concen: 1.244 ng/ul
RT: 14.781 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

Instrument :
BNA_P
ClientSampleId :
C0T79

Tgt Ion:168 Resp: 6491
Ion Ratio Lower Upper
168 100
139 42.4 30.7 46.1

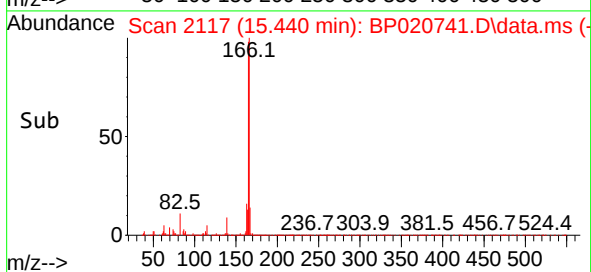
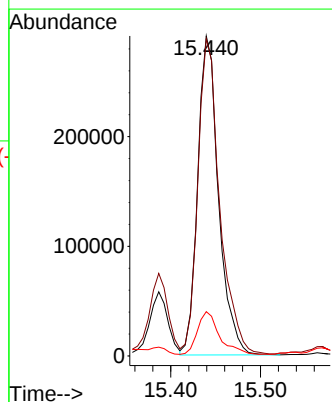
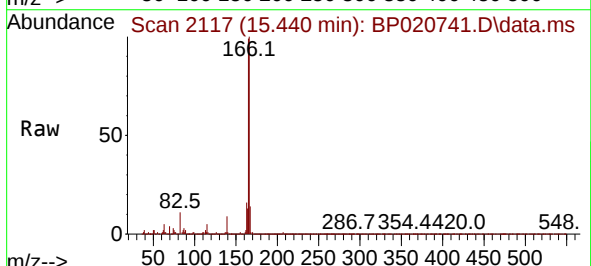
Manual Integrations
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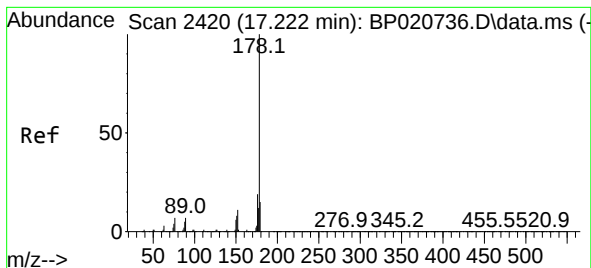
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 11.179 ng/ul
RT: 15.440 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

Tgt Ion:166 Resp: 468717
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 13.9 11.2 16.8





#72

Phenanthrene

Concen: 35.393 ng/ul

RT: 17.228 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Instrument :

BNA_P

ClientSampleId :

C0T79

Tgt Ion:178 Resp: 2086794

Ion Ratio Lower Upper

178 100

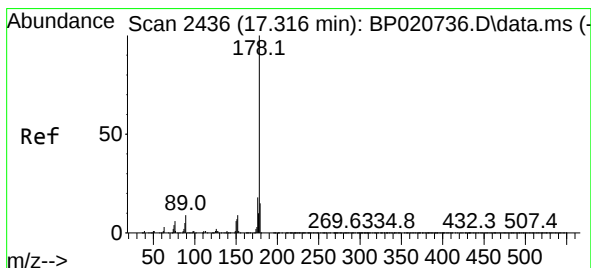
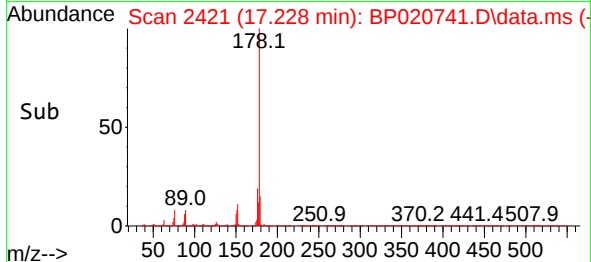
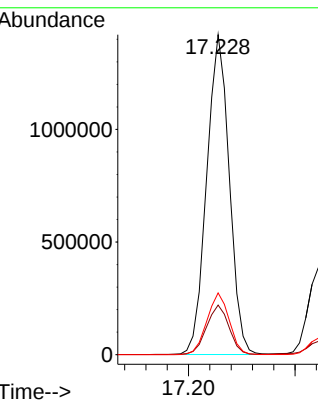
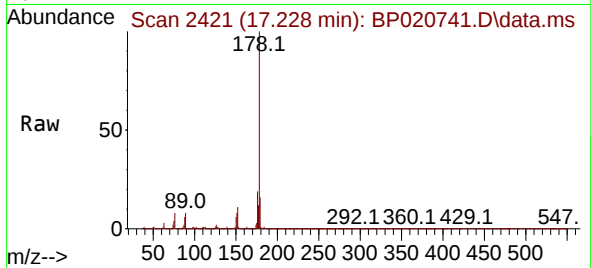
179 15.5 12.4 18.6

176 19.3 15.4 23.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/04/2024



#74

Anthracene

Concen: 9.187 ng/ul

RT: 17.322 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

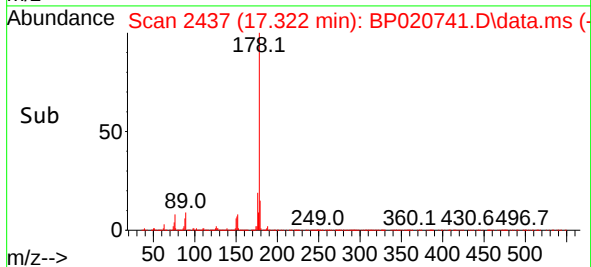
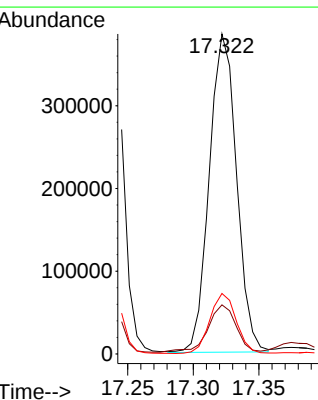
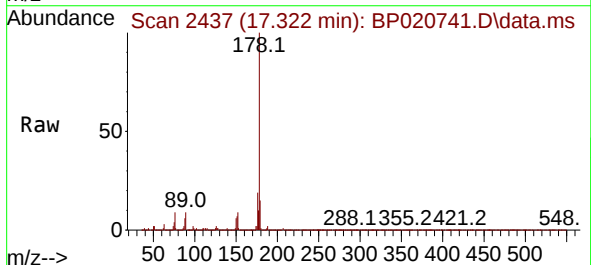
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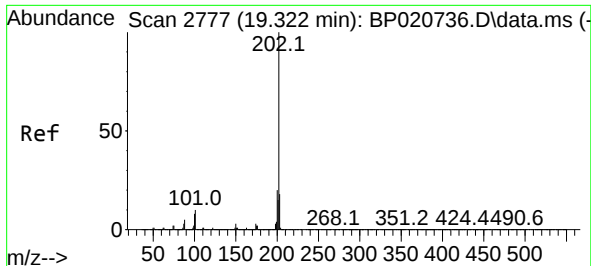
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

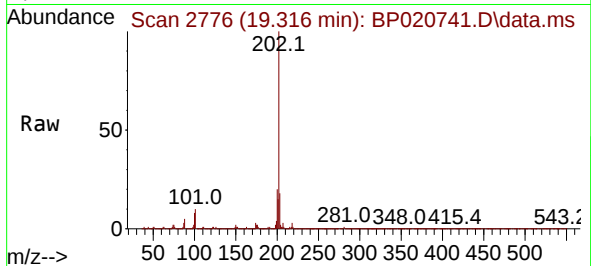
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 10.915 ng/ul
RT: 19.316 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

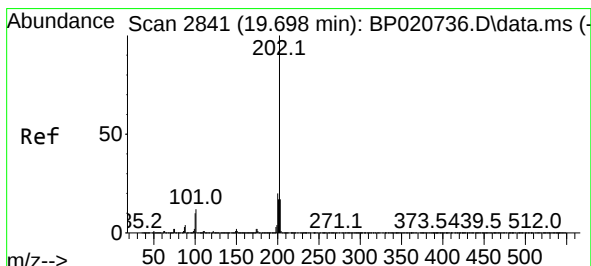
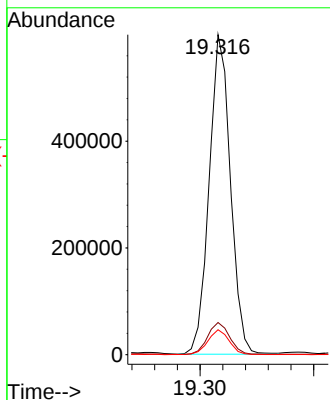
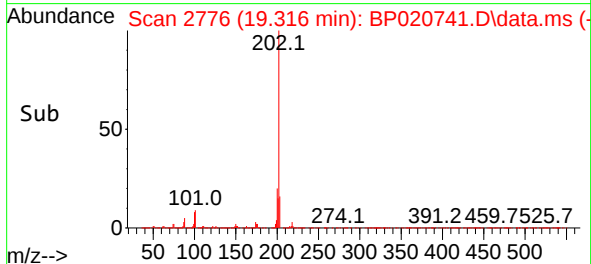
Instrument :
BNA_P
ClientSampleId :
C0T79



Tgt Ion:202 Resp: 77955
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 7.8 6.6 10.0

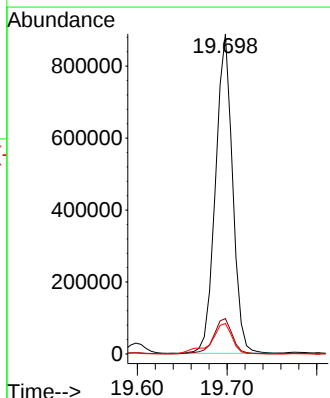
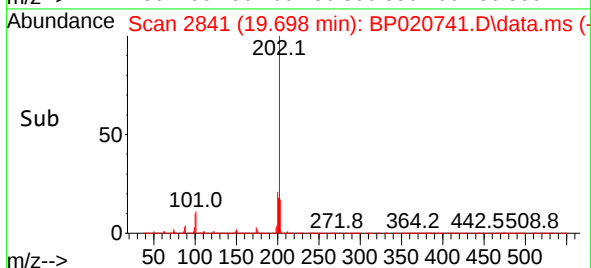
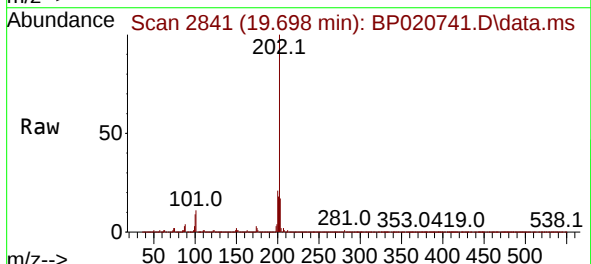
Manual Integrations
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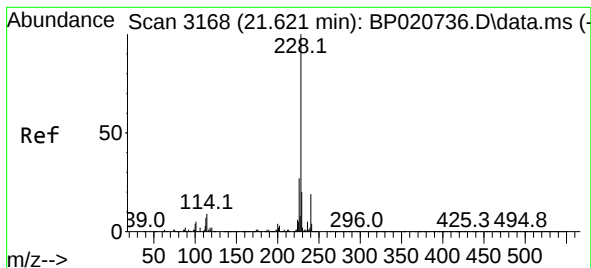
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 15.973 ng/ul
RT: 19.698 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP020741.D
Acq: 02 Jul 2024 08:00

Tgt Ion:202 Resp: 1169915
Ion Ratio Lower Upper
202 100
101 11.1 9.8 14.8
100 9.5 7.9 11.9





#85

Benzo(a)anthracene

Concen: 6.181 ng/ul m

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Instrument :

BNA_P

ClientSampleId :

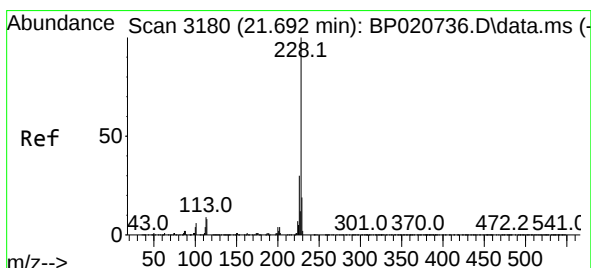
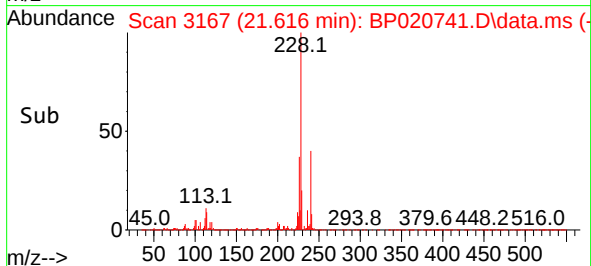
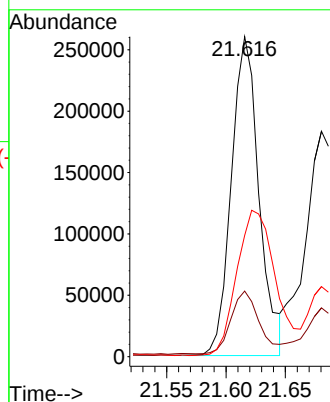
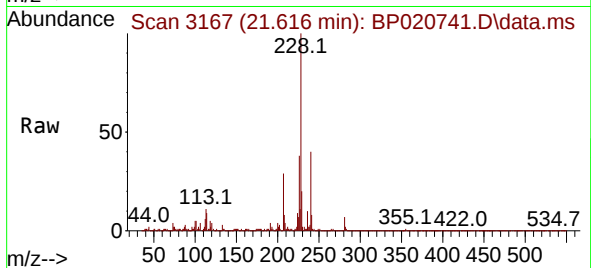
C0T79

Tgt Ion:228	Resp: 421600
Ion Ratio	Lower Upper
228 100	
229 20.5	15.2 22.8
226 37.9	21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87

Chrysene

Concen: 5.243 ng/ul

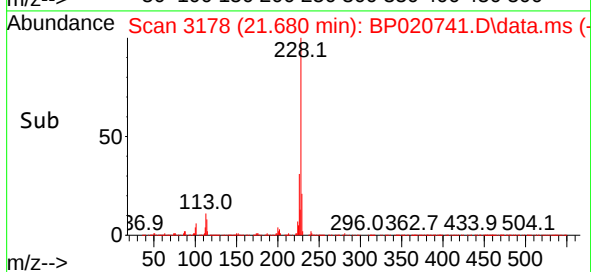
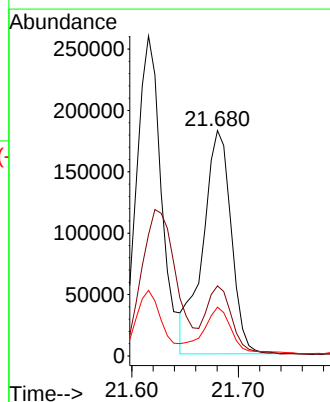
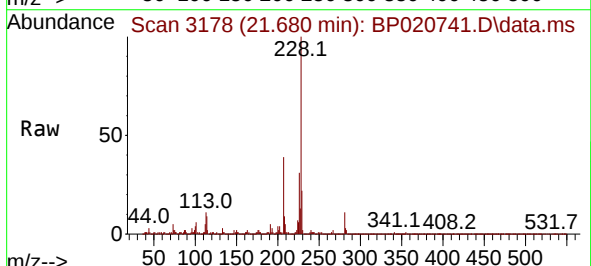
RT: 21.680 min Scan# 3178

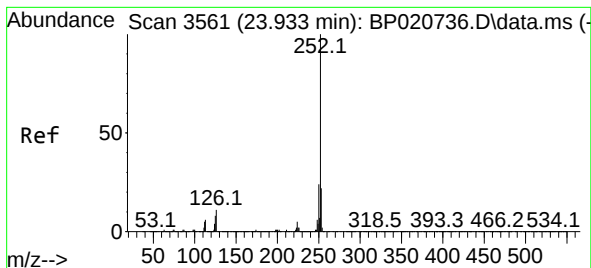
Delta R.T. -0.012 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Tgt Ion:228	Resp: 338046
Ion Ratio	Lower Upper
228 100	
226 31.1	23.8 35.6
229 21.6	16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 3.563 ng/ul

RT: 23.927 min Scan# 3561

Delta R.T. -0.012 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Instrument :

BNA_P

ClientSampleId :

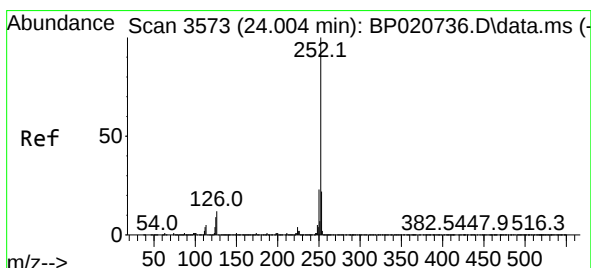
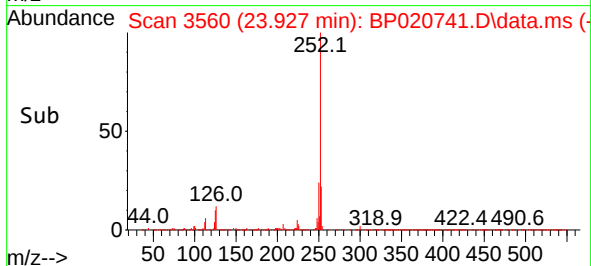
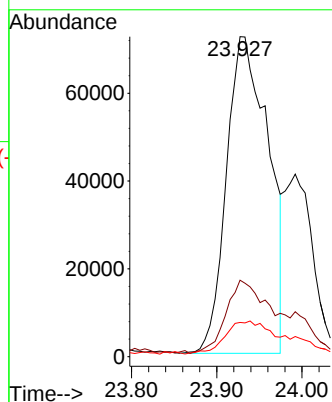
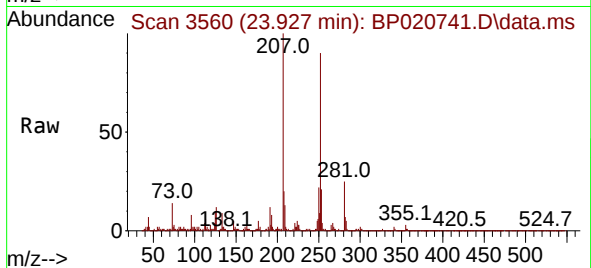
C0T79

Tgt Ion:	252	Resp:	247149
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	10.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91

Benzo(k)fluoranthene

Concen: 1.376 ng/ul m

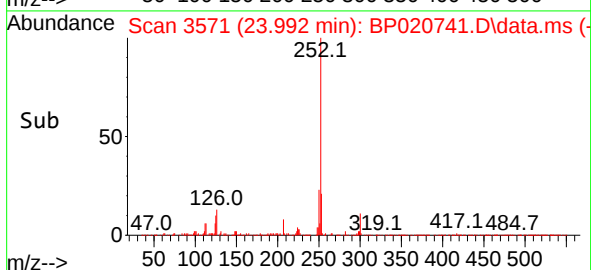
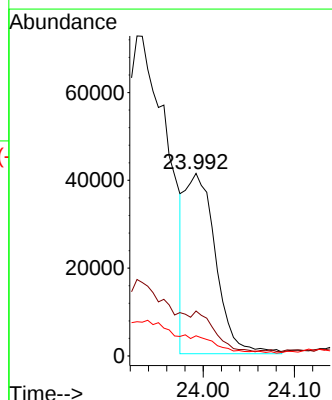
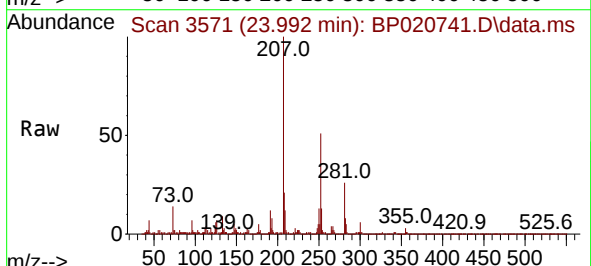
RT: 23.992 min Scan# 3571

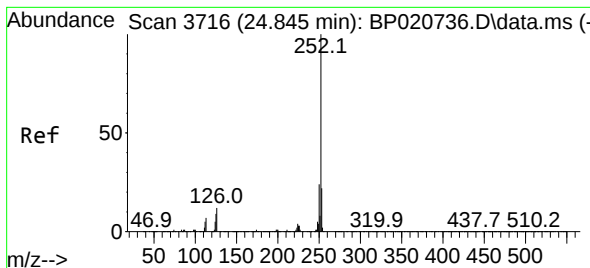
Delta R.T. -0.012 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Tgt Ion:	252	Resp:	96561
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.6	26.4
125	11.1	7.9	11.9





#93

Benzo(a)pyrene

Concen: 5.051 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

Instrument :

BNA_P

ClientSampleId :

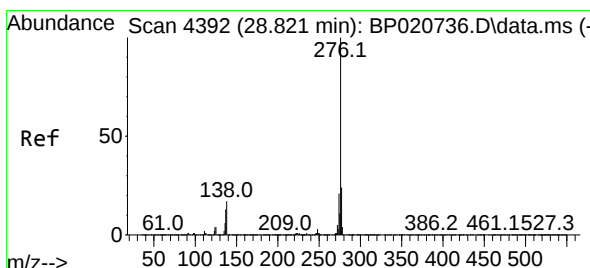
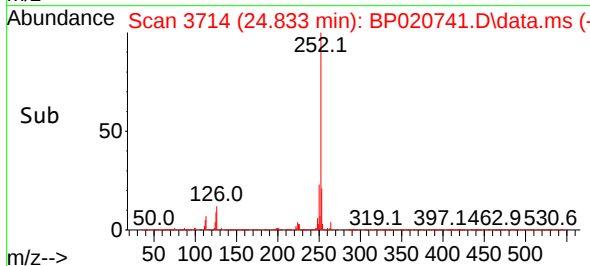
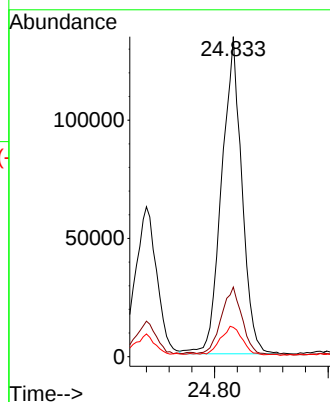
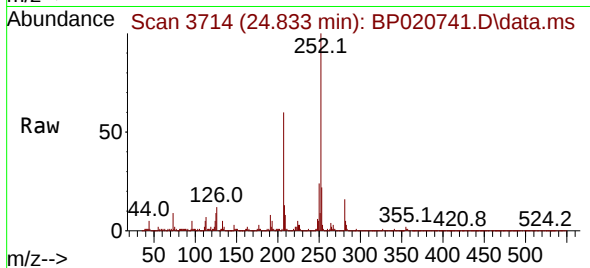
C0T79

Tgt Ion:	252	Resp:	330814
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	9.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.426 ng/ul

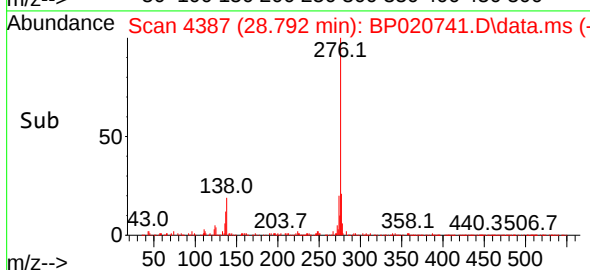
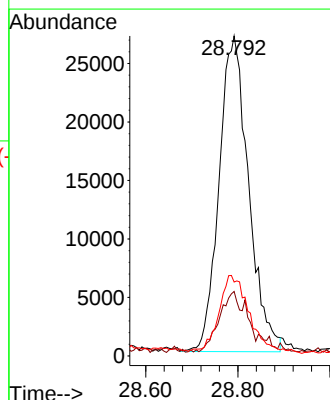
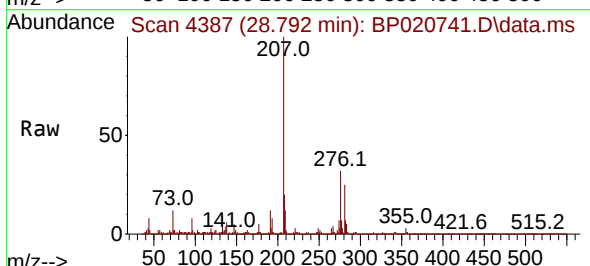
RT: 28.792 min Scan# 4387

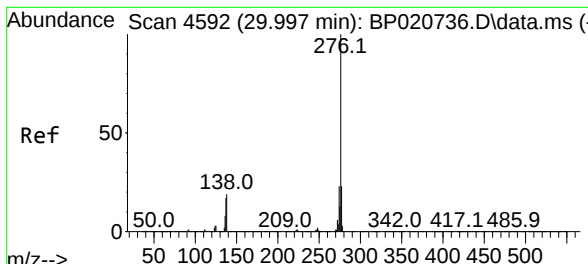
Delta R.T. -0.023 min

Lab File: BP020741.D

Acq: 02 Jul 2024 08:00

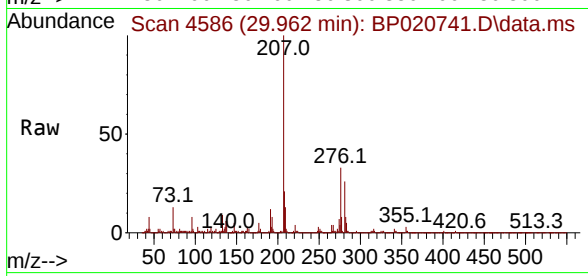
Tgt Ion:	276	Resp:	119744
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.2	22.8
277	23.1	19.0	28.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.972 ng/ul m
 RT: 29.962 min Scan# 4586
 Delta R.T. -0.041 min
 Lab File: BP020741.D
 Acq: 02 Jul 2024 08:00

Instrument :
 BNA_P
 ClientSampleId :
 C0T79



Tgt Ion: 276 Resp: 135269

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.4	24.6
277	24.3	18.7	28.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

