

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020740.D
 Acq On : 02 Jul 2024 07:18
 Operator : MA/JU
 Sample : P2962-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T78

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 07:46:32 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	234391	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	854107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	473491	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	915512	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	939295	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	1172142	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	23444	4.295	ng/uL	0.00
4) Pyridine-d5	3.681	84	336737	21.168	ng/u1	0.00
7) Phenol-d5	6.922	99	472544	24.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	307512	25.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	408889	26.024	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	383858	24.585	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	195456	30.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	218042	34.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	367156	28.246	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	451006	24.758	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	985213	29.926	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1157035	29.454	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	126919	25.232	ng/u1	0.00
60) Fluorene-d10	15.387	176	813080	29.350	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	95208	20.636	ng/u1	0.01
73) Anthracene-d10	17.292	188	1216211	29.600	ng/u1	0.01
81) Pyrene-d10	19.675	212	1488310	26.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	1759483	30.859	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.581	128	14612405	319.639	ng/u1	98
36) 2-Methylnaphthalene	12.175	142	4173819	136.296	ng/u1	99
37) 1-Methylnaphthalene	12.398	142	2526057	80.691	ng/u1	99
43) 1,1'-Biphenyl	13.187	154	582554	16.451	ng/u1	98
50) Acenaphthylene	14.087	152	2708683	61.043	ng/u1	99
52) Acenaphthene	14.434	153	422371	14.349	ng/u1	100
56) Dibenzofuran	14.775	168	160969	4.058	ng/u1	95
61) Fluorene	15.440	166	1249281	39.200	ng/u1	100
72) Phenanthrene	17.239	178	5698733	118.869	ng/u1	100
74) Anthracene	17.328	178	1636628	33.188	ng/u1	99
80) Fluoranthene	19.322	202	2399332	34.809	ng/u1	99
82) Pyrene	19.704	202	3735590	52.844	ng/u1	97
85) Benzo(a)anthracene	21.616	228	1450051m	22.025	ng/u1	
87) Chrysene	21.686	228	1233868	19.827	ng/u1	99
90) Benzo(b)fluoranthene	23.945	252	964848	13.588	ng/u1	98
91) Benzo(k)fluoranthene	23.998	252	293048	4.080	ng/u1	99
93) Benzo(a)pyrene	24.845	252	1217316	18.160	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	450925	5.245	ng/u1	97
95) Dibenzo(a,h)anthracene	28.856	278	134474m	1.903	ng/u1	
96) Benzo(g,h,i)perylene	29.986	276	499526	7.116	ng/u1	98

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

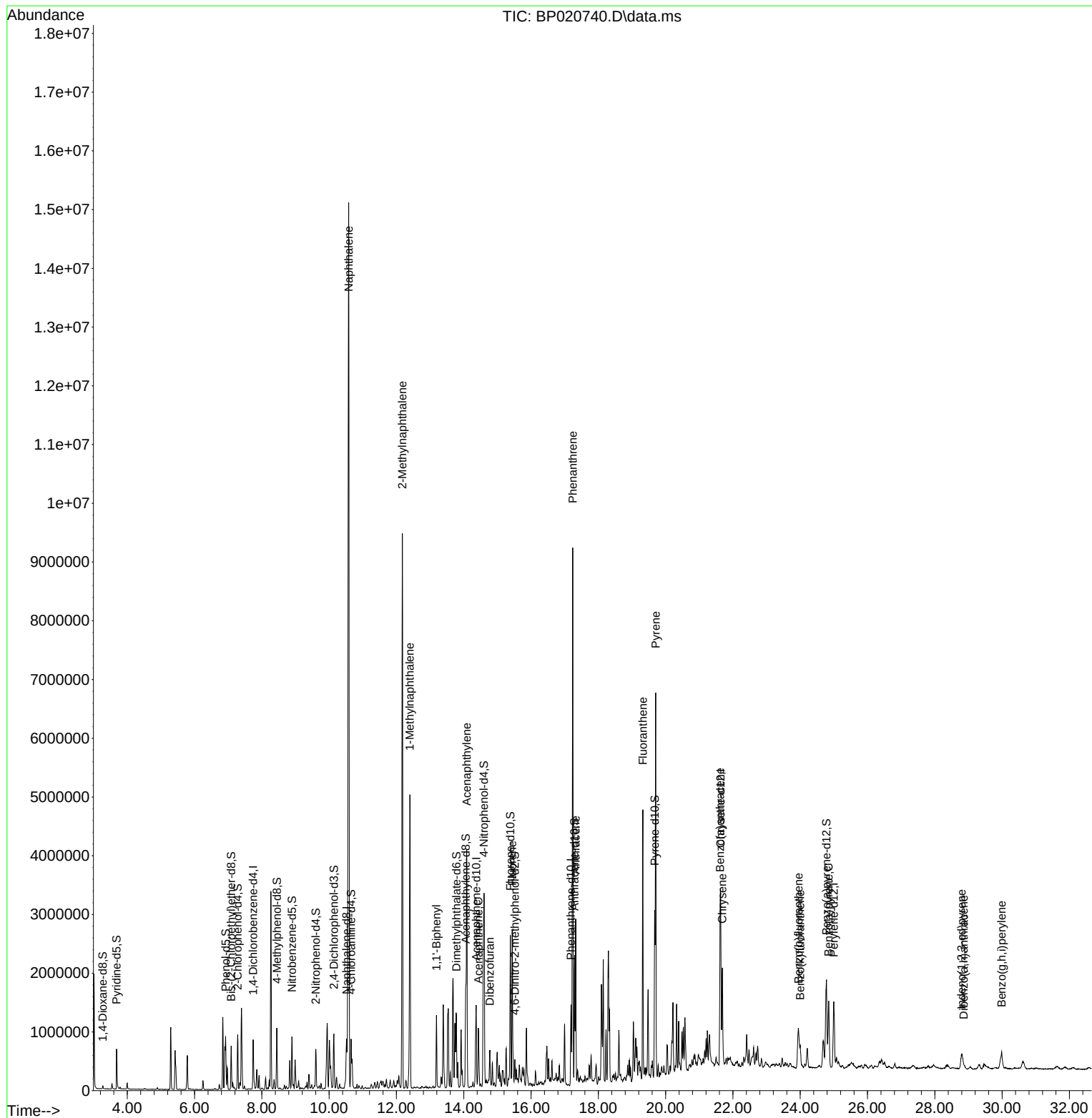
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020740.D
Acq On : 02 Jul 2024 07:18
Operator : MA/JU
Sample : P2962-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

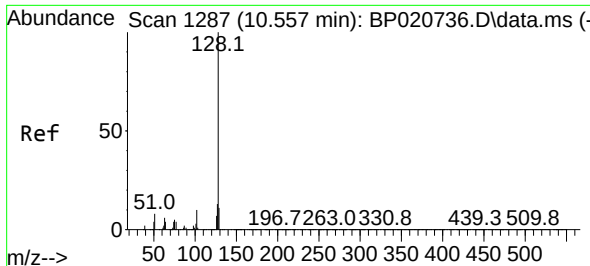
Instrument :
BNA_P
ClientSampleId :
COT78

Manual Integrations
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Supervised By :mohammad ahmed 07/04/2024

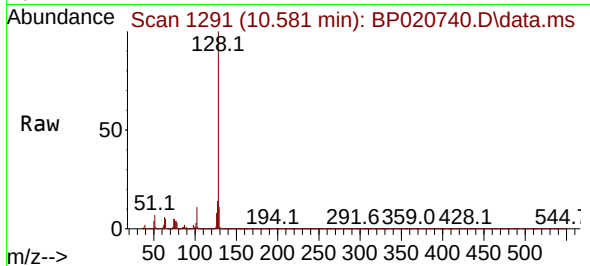
Quant Time: Jul 02 07:46:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 319.639 ng/ul
RT: 10.581 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

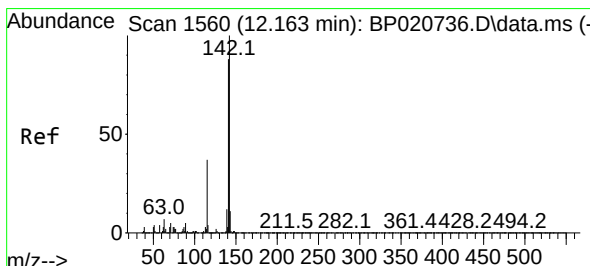
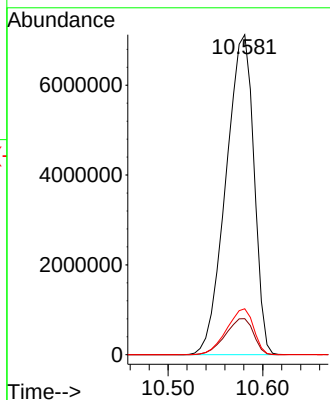
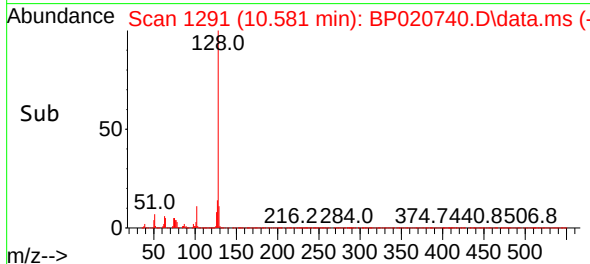
Instrument :
BNA_P
ClientSampleId :
C0T78



Tgt Ion:128 Resp:1461240
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.4 10.6 15.8

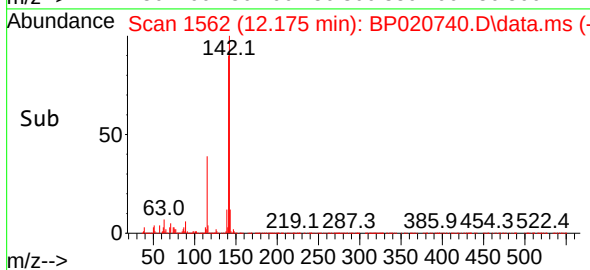
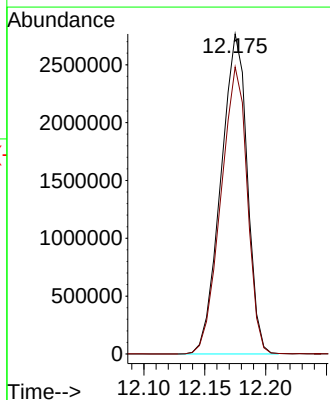
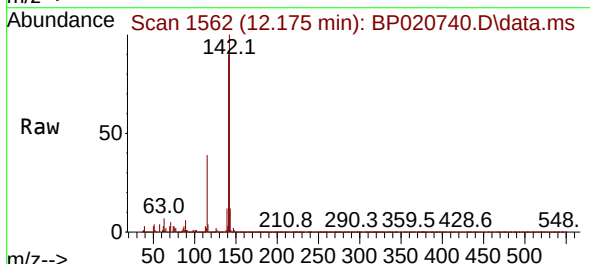
Manual Integrations
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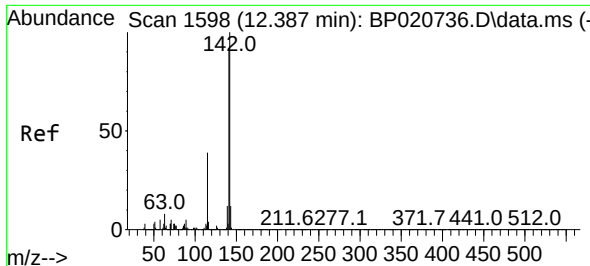
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 136.296 ng/ul
RT: 12.175 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

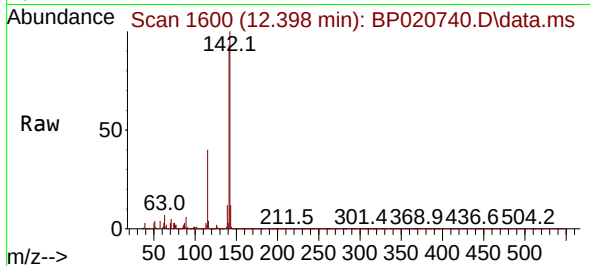
Tgt Ion:142 Resp: 4173819
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7





#37
1-Methylnaphthalene
Concen: 80.691 ng/ul
RT: 12.398 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

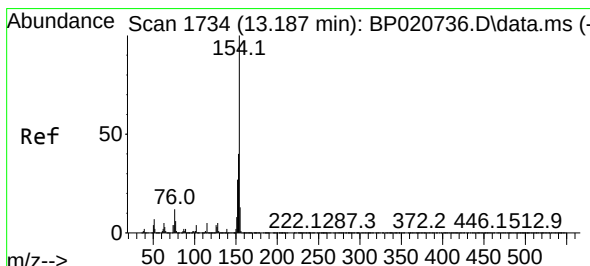
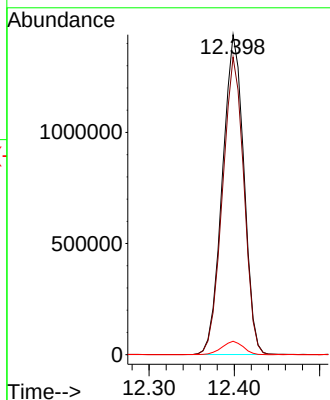
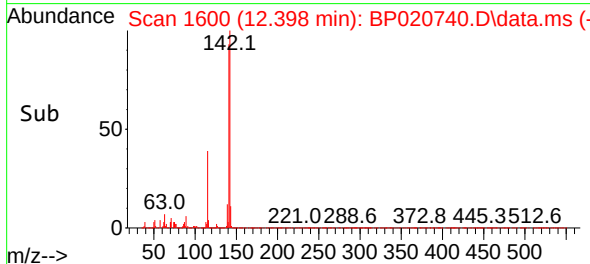
Instrument :
BNA_P
ClientSampleId :
C0T78



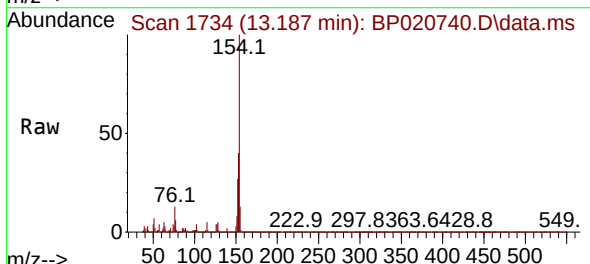
Tgt Ion:142 Resp: 252605
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3
116 4.2 3.3 4.9

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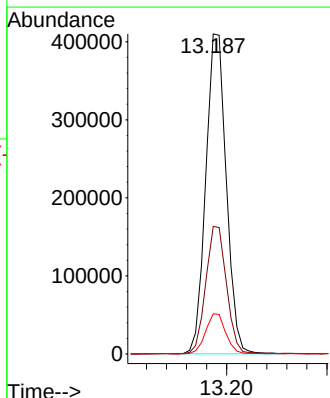
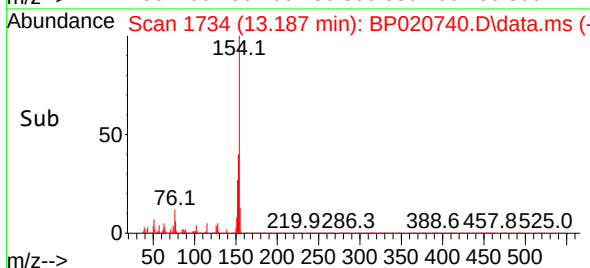
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

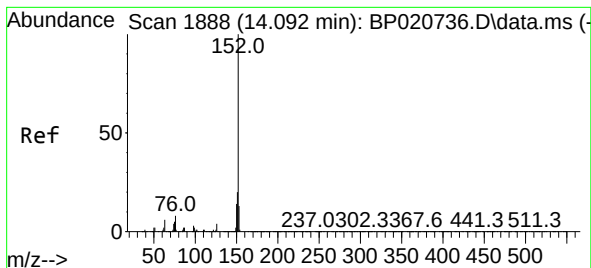


#43
1,1'-Biphenyl
Concen: 16.451 ng/ul
RT: 13.187 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18



Tgt Ion:154 Resp: 582554
Ion Ratio Lower Upper
154 100
153 39.9 32.6 48.8
76 12.5 10.8 16.2





#50

Acenaphthylene

Concen: 61.043 ng/ul

RT: 14.087 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Instrument :

BNA_P

ClientSampleId :

C0T78

Tgt Ion:152 Resp: 270868

Ion Ratio Lower Upper

152 100

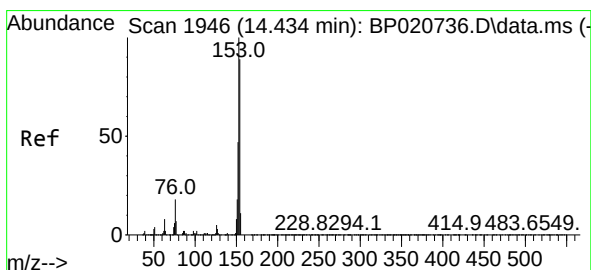
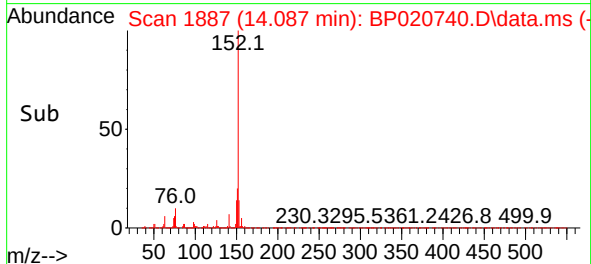
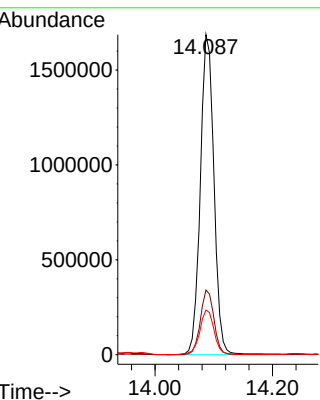
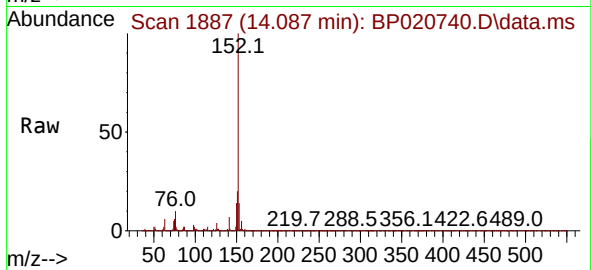
151 20.2 16.2 24.4

153 13.9 10.8 16.2

Manual Integrations

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#52

Acenaphthene

Concen: 14.349 ng/ul

RT: 14.434 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

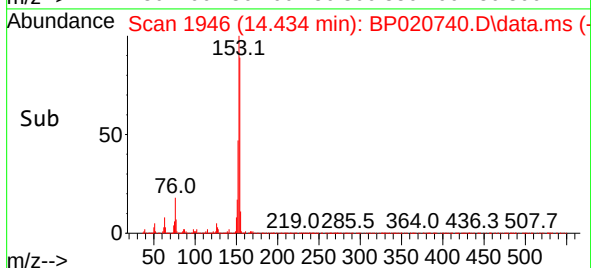
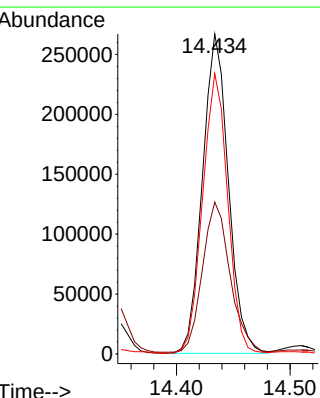
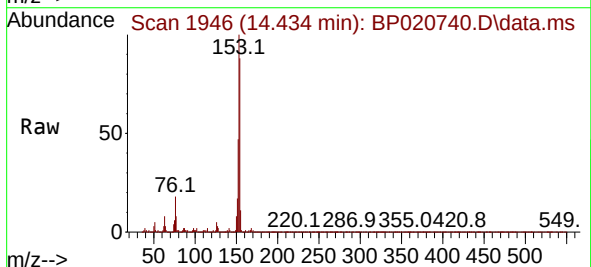
Tgt Ion:153 Resp: 422371

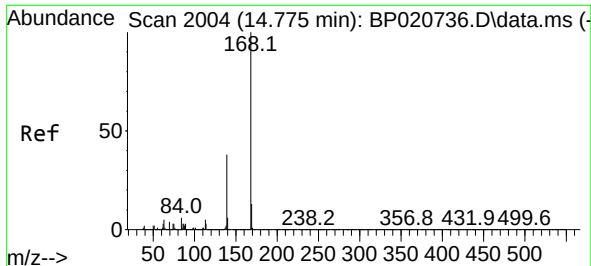
Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.2

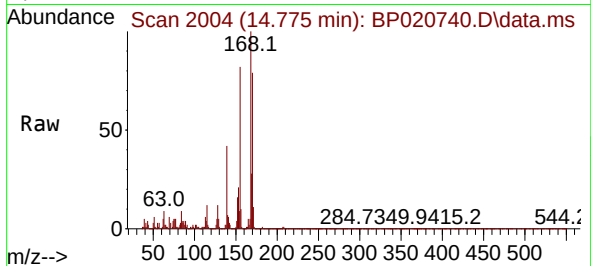
154 87.6 69.8 104.6





#56
Dibenzenofuran
Concen: 4.058 ng/ul
RT: 14.775 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

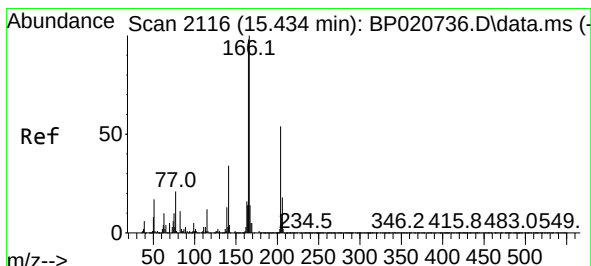
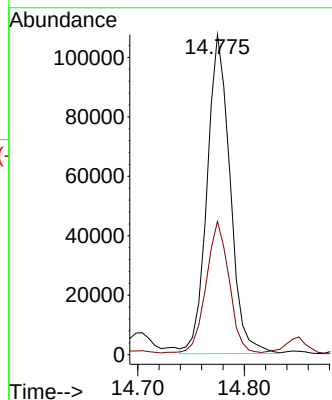
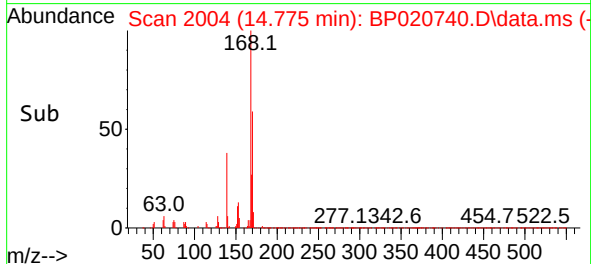
Instrument :
BNA_P
ClientSampleId :
C0T78



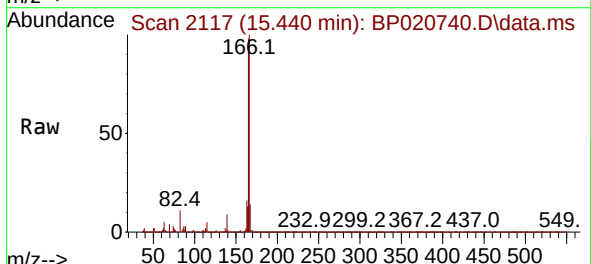
Tgt Ion:168 Resp: 160969
Ion Ratio Lower Upper
168 100
139 41.7 30.7 46.1

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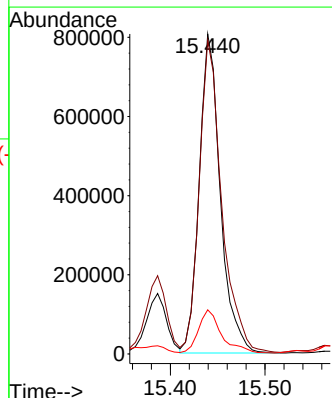
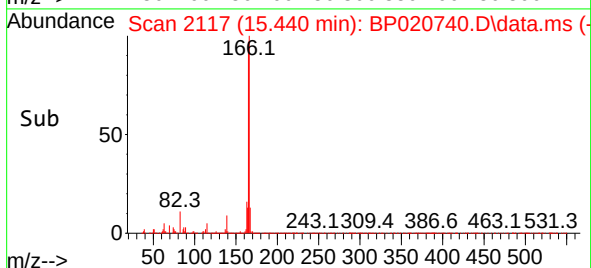
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

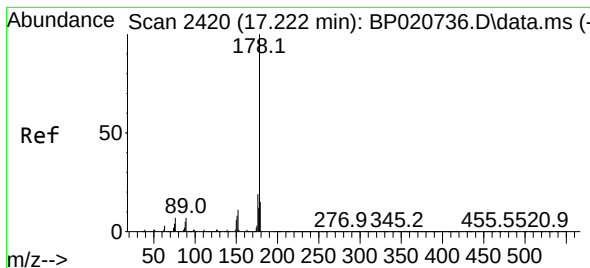


#61
Fluorene
Concen: 39.200 ng/ul
RT: 15.440 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18



Tgt Ion:166 Resp: 1249281
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 13.8 11.2 16.8





#72

Phenanthrene

Concen: 118.869 ng/ul

RT: 17.239 min Scan# 2420

Delta R.T. 0.012 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Instrument :

BNA_P

ClientSampleId :

C0T78

Tgt Ion:178 Resp: 569873

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

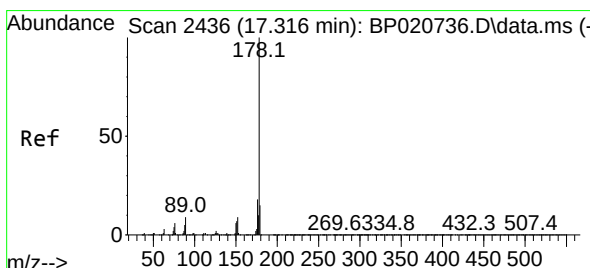
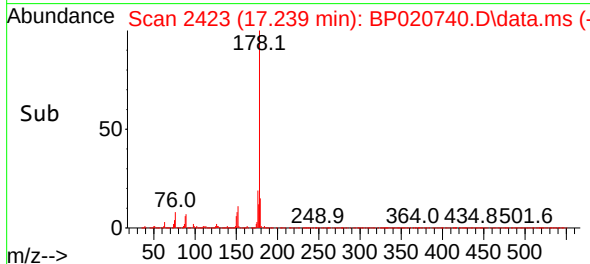
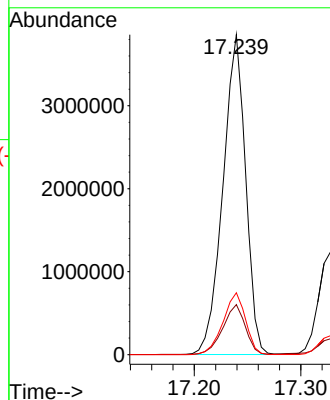
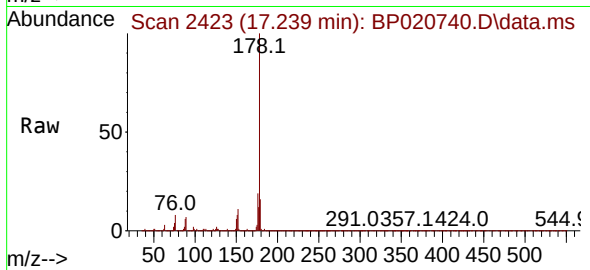
176 19.4 15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#74

Anthracene

Concen: 33.188 ng/ul

RT: 17.328 min Scan# 2438

Delta R.T. 0.012 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

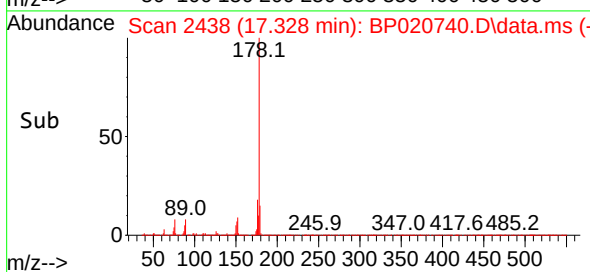
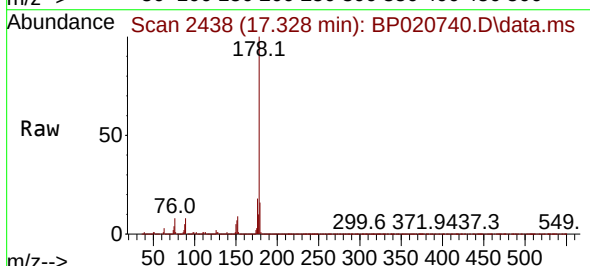
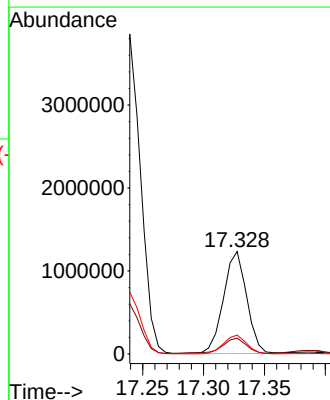
Tgt Ion:178 Resp: 1636628

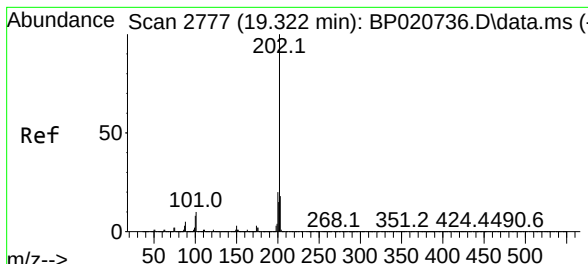
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.4 15.0 22.4





#80
 Fluoranthene
 Concen: 34.809 ng/u1
 RT: 19.322 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP020740.D
 Acq: 02 Jul 2024 07:18

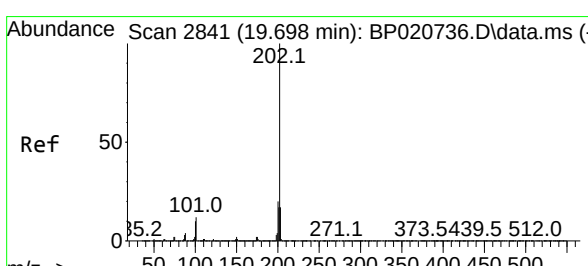
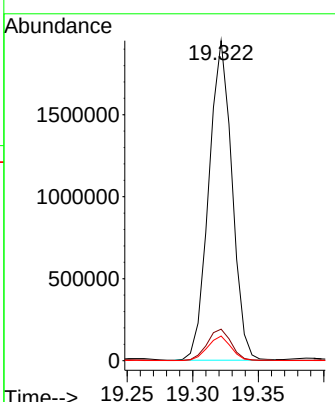
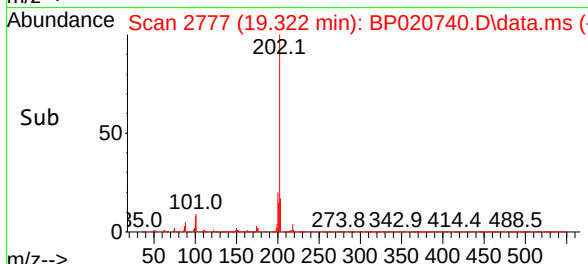
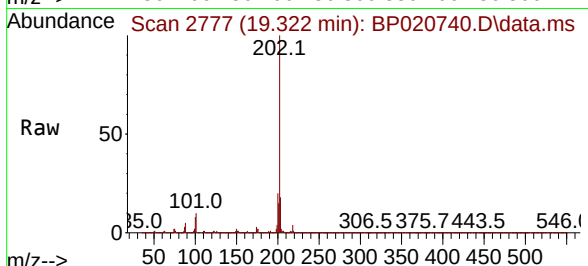
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Tgt Ion:202 Resp: 239933

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.4
100	7.7	6.6	10.0

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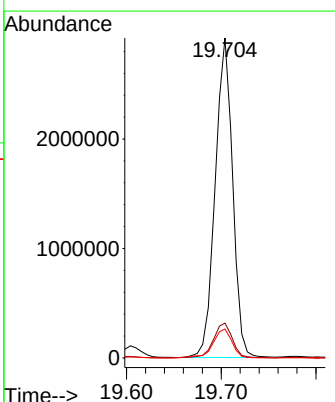
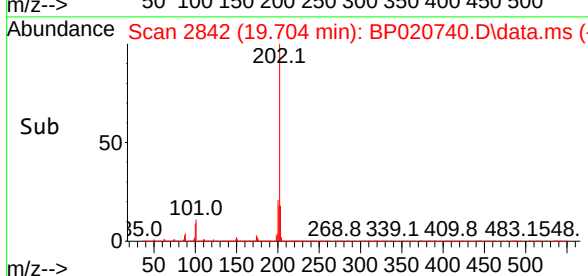
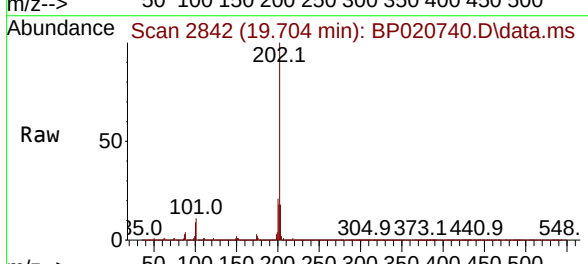
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

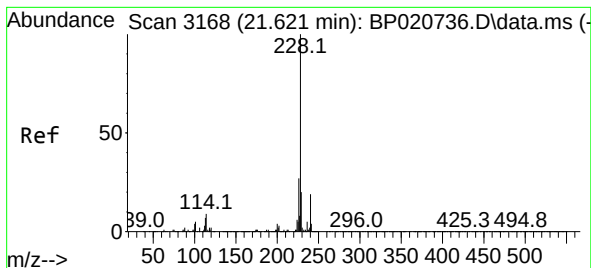


#82
 Pyrene
 Concen: 52.844 ng/u1
 RT: 19.704 min Scan# 2842
 Delta R.T. 0.006 min
 Lab File: BP020740.D
 Acq: 02 Jul 2024 07:18

Tgt Ion:202 Resp: 3735590

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
100	9.0	7.9	11.9





#85

Benzo(a)anthracene

Concen: 22.025 ng/ul m

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Instrument :

BNP_P

ClientSampleId :

C0T78

Tgt Ion:228 Resp: 145005

Ion Ratio Lower Upper

228 100

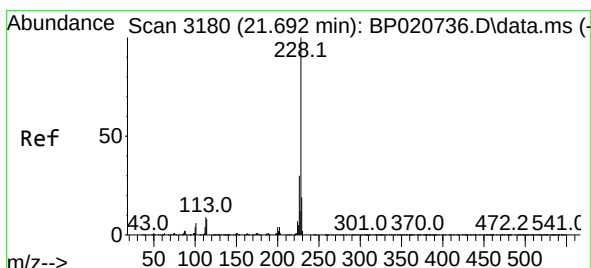
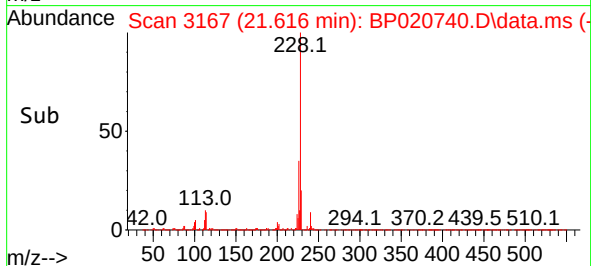
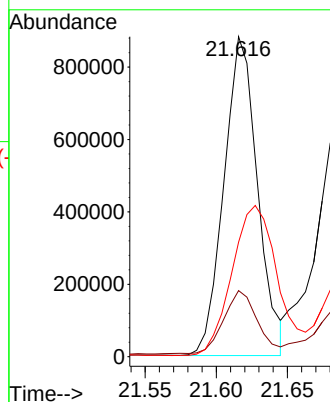
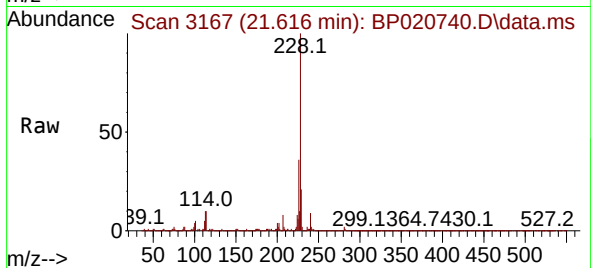
229 20.7 15.2 22.8

226 35.8 21.1 31.7

Manual Integrations

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



#87

Chrysene

Concen: 19.827 ng/ul

RT: 21.686 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

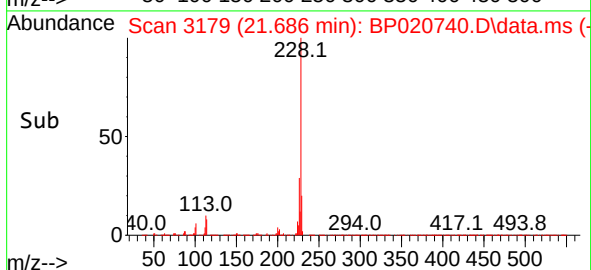
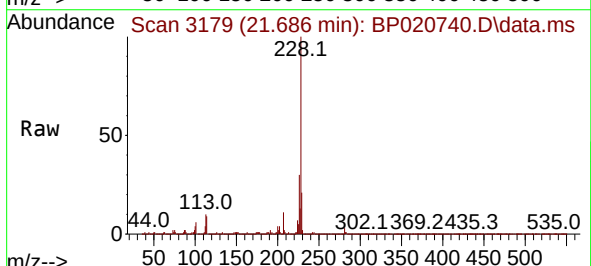
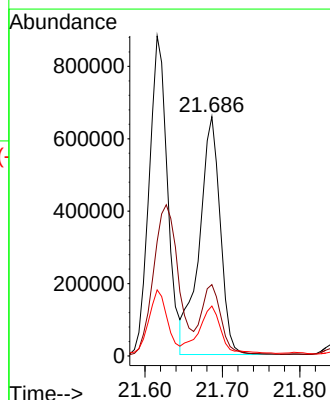
Tgt Ion:228 Resp: 1233868

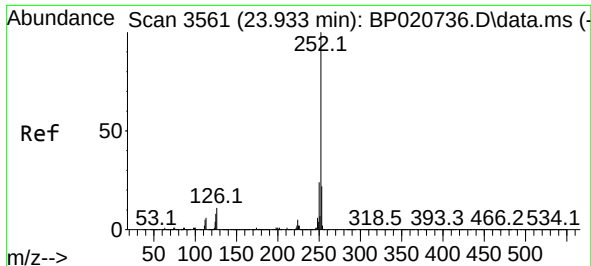
Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

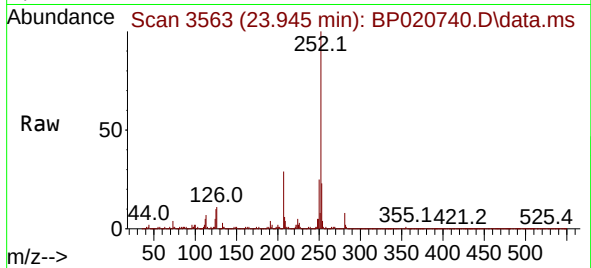
229 20.9 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 13.588 ng/ul
RT: 23.945 min Scan# 3563
Delta R.T. 0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

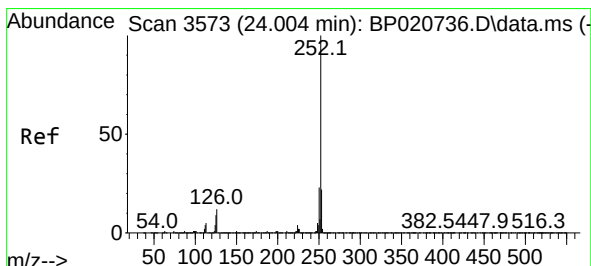
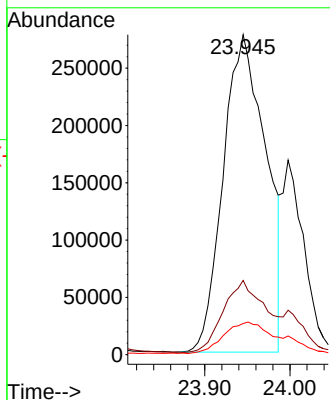
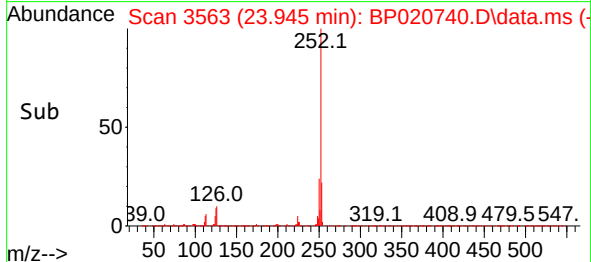
Instrument :
BNA_P
ClientSampleId :
C0T78



Tgt Ion:252 Resp: 96484
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.7 7.9 11.9

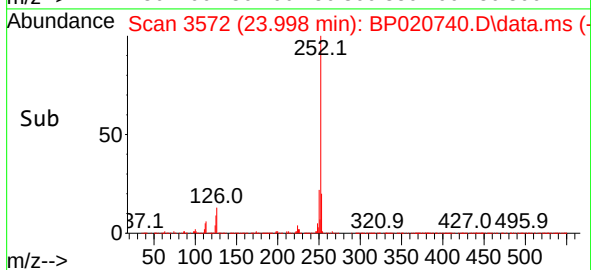
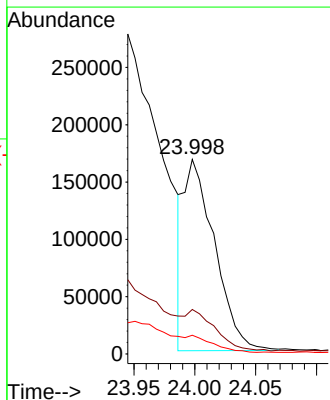
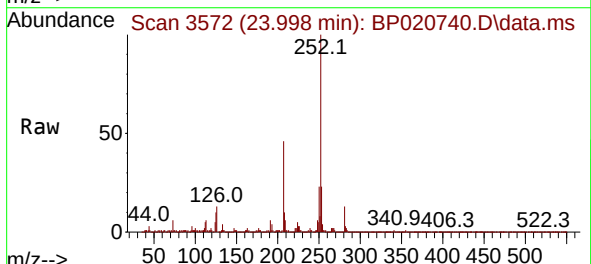
Manual Integrations
APPROVED

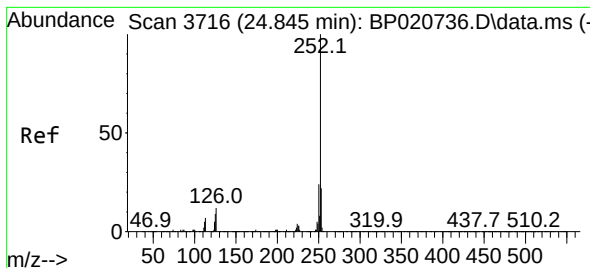
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 4.080 ng/ul
RT: 23.998 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP020740.D
Acq: 02 Jul 2024 07:18

Tgt Ion:252 Resp: 293048
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 9.6 7.9 11.9





#93

Benzo(a)pyrene

Concen: 18.160 ng/ul

RT: 24.845 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Instrument :

BNA_P

ClientSampleId :

C0T78

Tgt Ion:252 Resp: 1217310

Ion Ratio Lower Upper

252 100

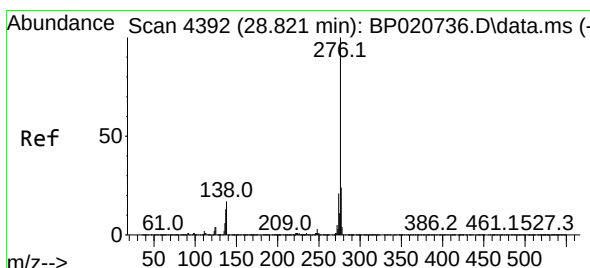
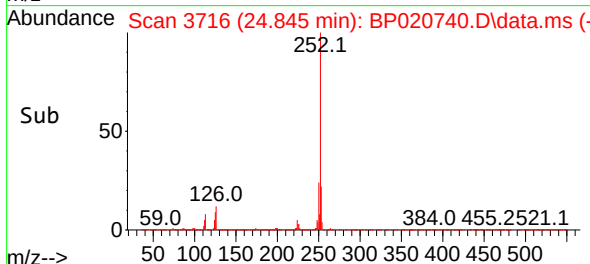
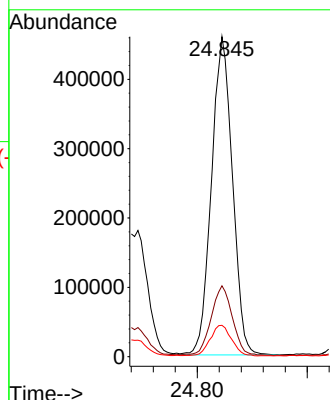
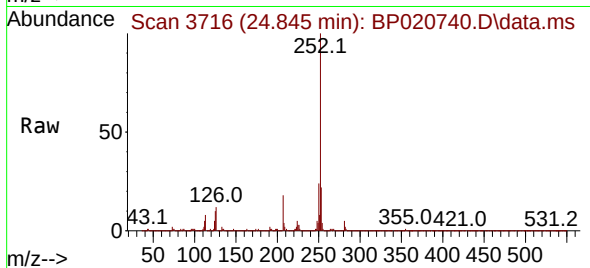
253 22.1 17.4 26.2

125 9.8 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: 5.245 ng/ul

RT: 28.798 min Scan# 4388

Delta R.T. -0.018 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

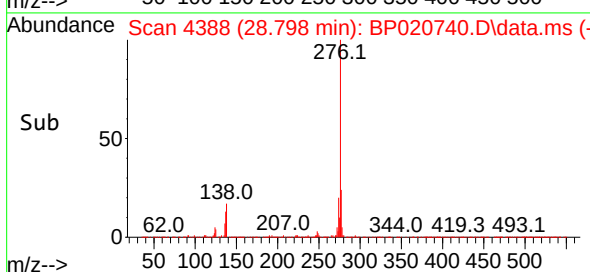
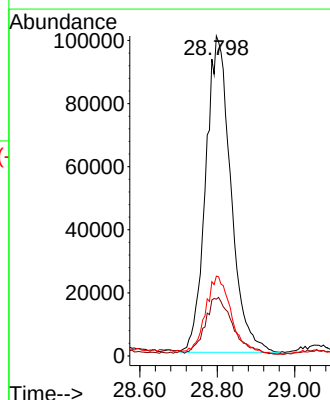
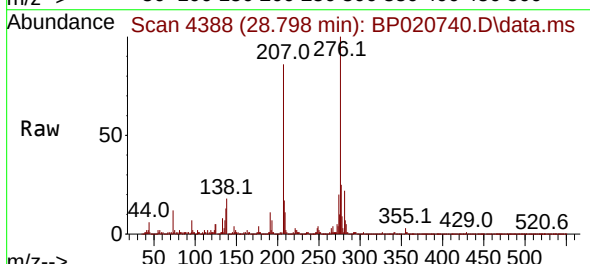
Tgt Ion:276 Resp: 450925

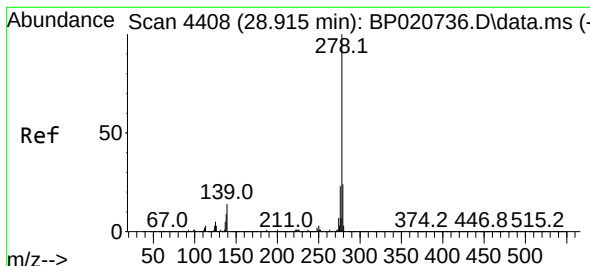
Ion Ratio Lower Upper

276 100

138 17.7 15.2 22.8

277 25.0 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 1.903 ng/ul m

RT: 28.856 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Instrument :

BNA_P

ClientSampleId :

C0T78

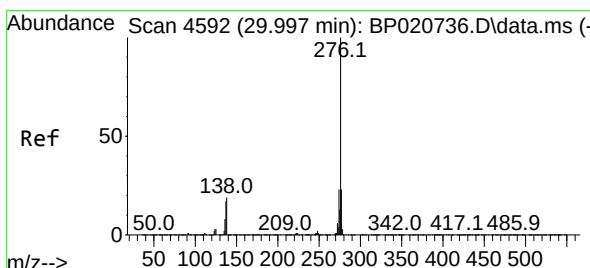
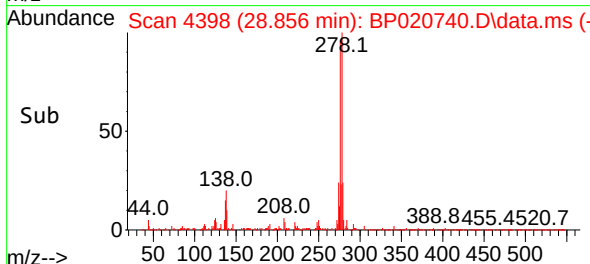
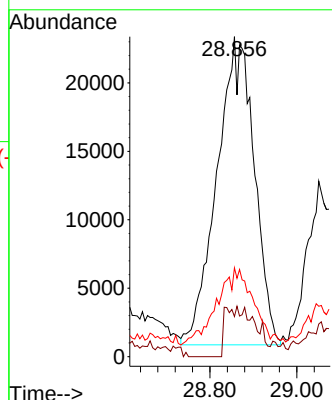
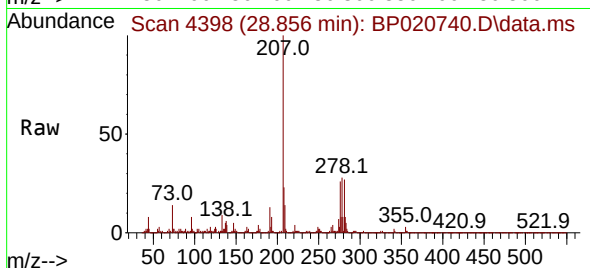
Tgt Ion:278 Resp: 134474

Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.1	16.7
279	27.8	18.7	28.1

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 7.116 ng/ul

RT: 29.986 min Scan# 4590

Delta R.T. -0.018 min

Lab File: BP020740.D

Acq: 02 Jul 2024 07:18

Tgt Ion:276 Resp: 499526

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.4	24.6
277	23.7	18.7	28.1

