

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020748.D
 Acq On : 02 Jul 2024 13:02
 Operator : MA/JU
 Sample : P2963-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B48

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:17:46 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	7.734	152	206679	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.504	136	847376	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	548253	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1045419	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	670115	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	807047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17464	3.628	ng/uL	0.00
4) Pyridine-d5	3.693	84	43053	3.069	ng/u1	0.00
7) Phenol-d5	6.922	99	372509	21.975	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	241594	22.481	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	320499	23.134	ng/u1	-0.01
15) 4-Methylphenol-d8	8.446	113	127988	9.296	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	163160	26.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	183311	29.280	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	314483	24.386	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	168709	9.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1136702	29.819	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	1218073	26.779	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.592	143	139047	23.874	ng/u1	0.00
60) Fluorene-d10	15.381	176	960513	29.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	130089m	24.693	ng/u1	0.00
73) Anthracene-d10	17.286	188	1287676	27.445	ng/u1	0.00
81) Pyrene-d10	19.663	212	1111963	27.621	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	753201	19.186	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.557	128	238870	5.267	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	67971	2.237	ng/u1	98
37) 1-Methylnaphthalene	12.393	142	46852	1.509	ng/u1	96
52) Acenaphthene	14.428	153	408394	11.982	ng/u1	99
56) Dibenzofuran	14.769	168	425090	9.256	ng/u1	100
61) Fluorene	15.434	166	591423	16.027	ng/u1	99
72) Phenanthrene	17.228	178	6212452	113.482	ng/u1	99
74) Anthracene	17.316	178	1374096	24.402	ng/u1	99
77) Carbazole	17.598	167	704182	15.152	ng/u1	99
80) Fluoranthene	19.316	202	6458438	131.335	ng/u1	99
82) Pyrene	19.698	202	3892427	77.180	ng/u1	97
85) Benzo(a)anthracene	21.616	228	2194263	46.717	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	484183	16.652	ng/u1	99
87) Chrysene	21.686	228	2054258	46.271	ng/u1	97
90) Benzo(b)fluoranthene	23.945	252	2452460	50.161	ng/u1	99
91) Benzo(k)fluoranthene	23.998	252	929217m	18.789	ng/u1	
93) Benzo(a)pyrene	24.839	252	922658	19.991	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.803	276	817080	13.802	ng/u1	97
95) Dibenzo(a,h)anthracene	28.874	278	317439m	6.524	ng/u1	
96) Benzo(g,h,i)perylene	30.009	276	106442m	2.202	ng/u1	

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

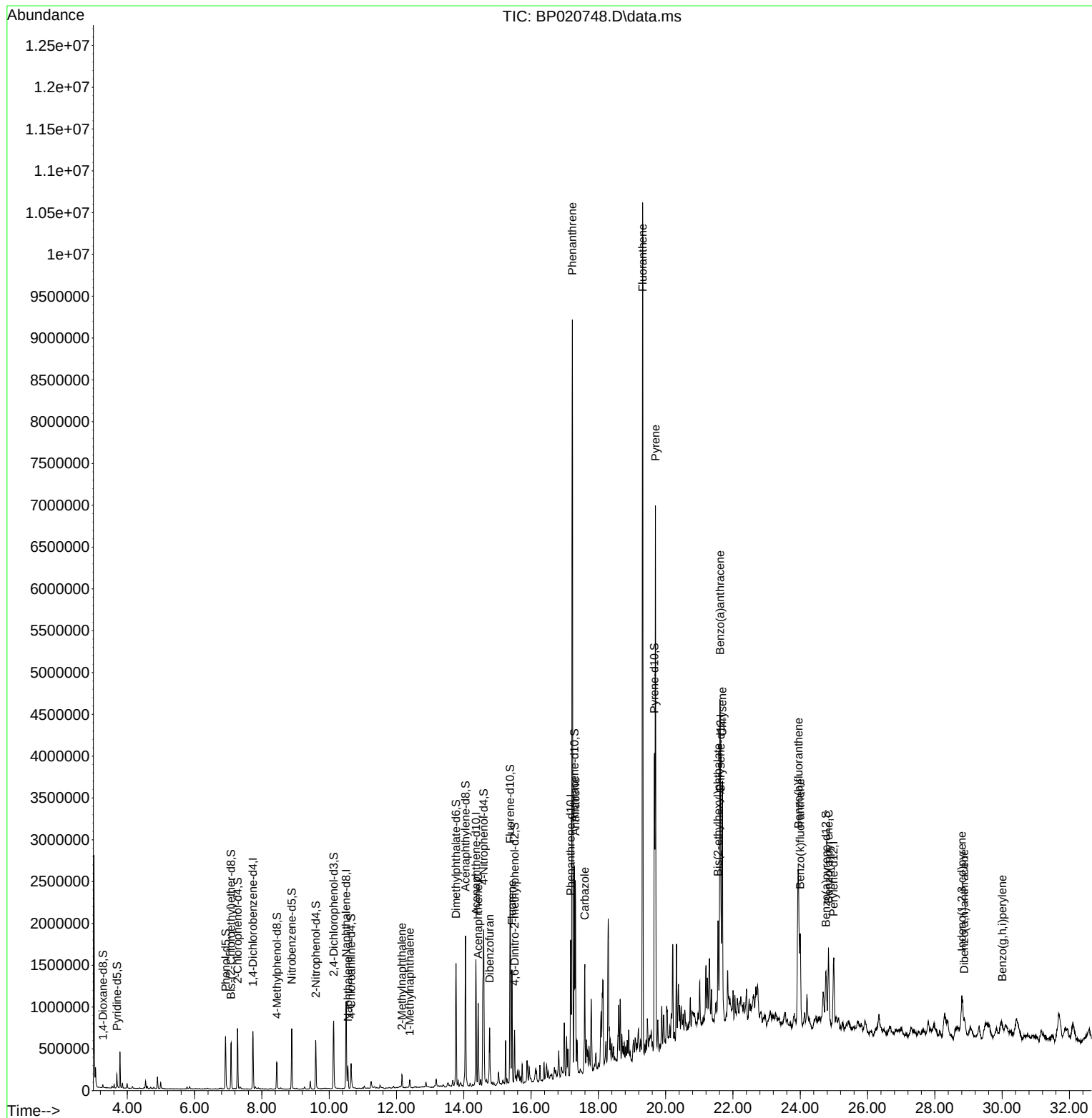
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020748.D
Acq On : 02 Jul 2024 13:02
Operator : MA/JU
Sample : P2963-03
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ALS Vial : 38 Sample Multiplier: 1

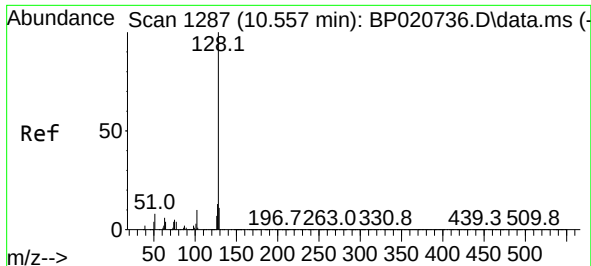
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

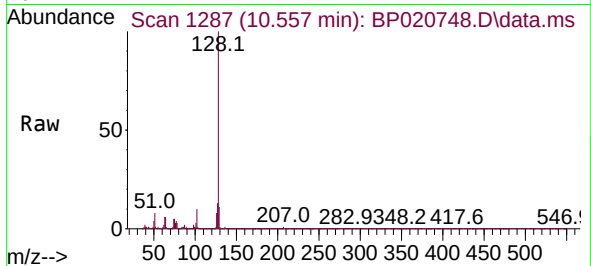
Quant Time: Jul 02 23:17:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 5.267 ng/ul
RT: 10.557 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

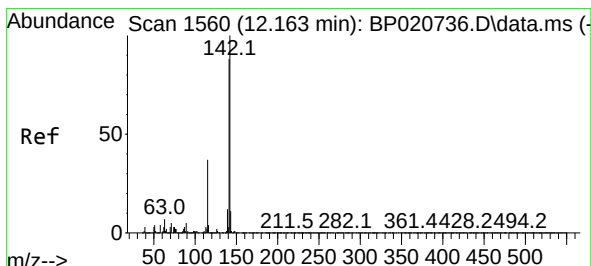
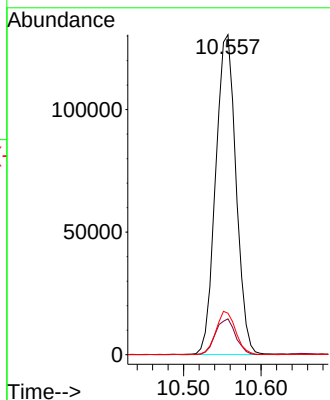
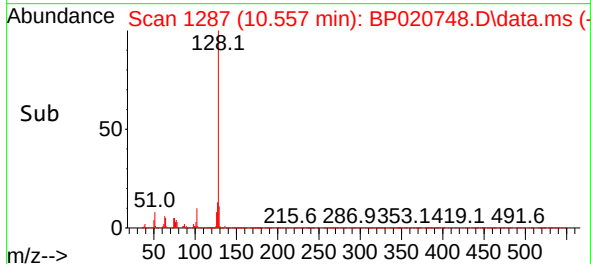
Instrument :
BNA_P
ClientSampleId :
A4B48



Tgt Ion:128 Resp: 238870
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.6 15.8

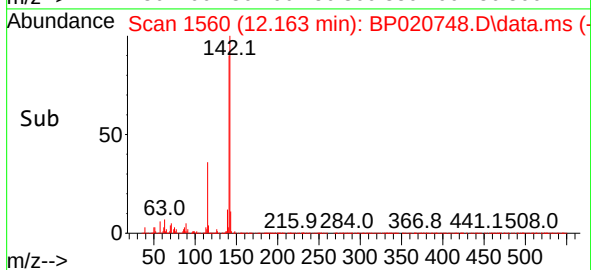
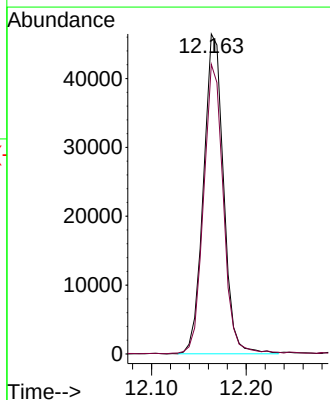
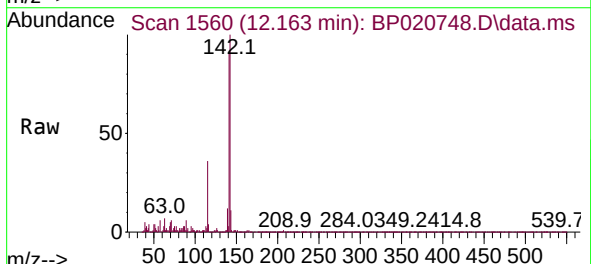
Manual Integrations
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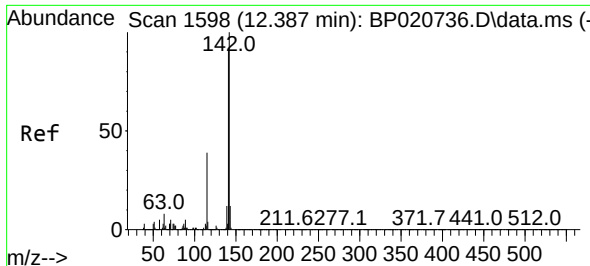
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 2.237 ng/ul
RT: 12.163 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

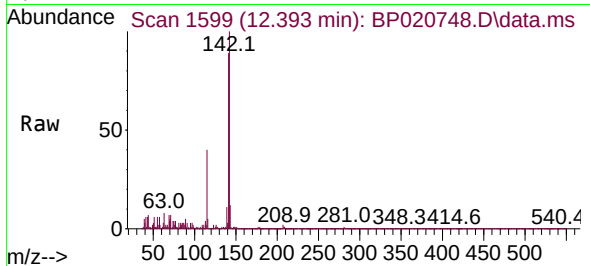
Tgt Ion:142 Resp: 67971
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7





#37
1-Methylnaphthalene
Concen: 1.509 ng/ul
RT: 12.393 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

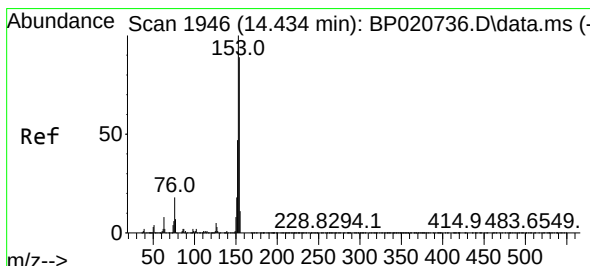
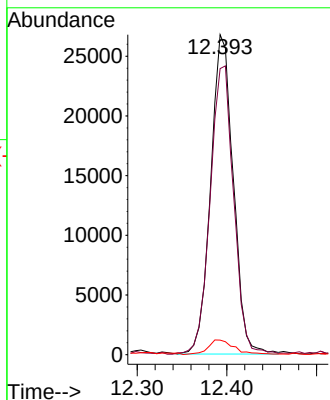
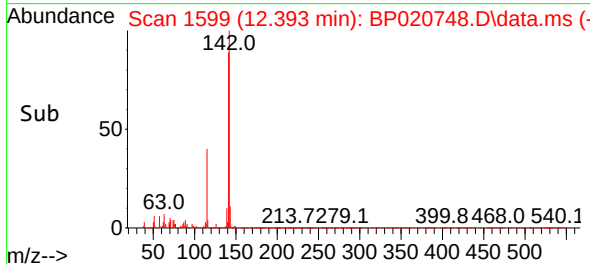
Instrument :
BNA_P
ClientSampleId :
A4B48



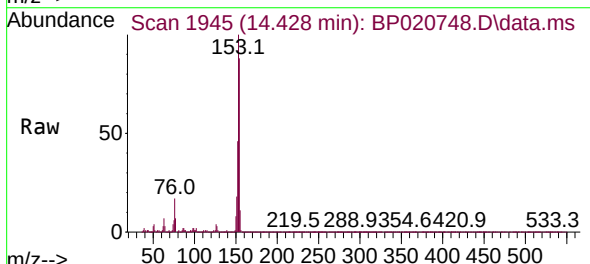
Tgt Ion:142 Resp: 46852
Ion Ratio Lower Upper
142 100
141 89.4 74.9 112.3
116 4.5 3.3 4.9

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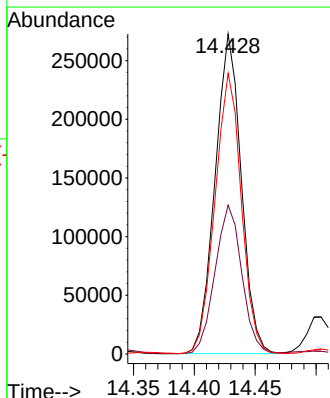
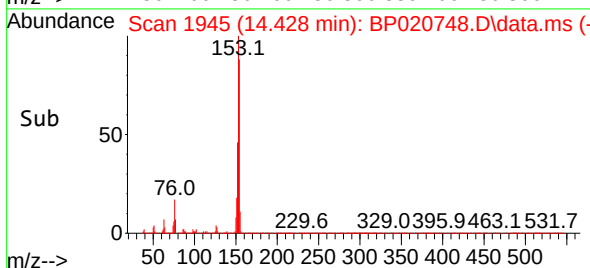
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

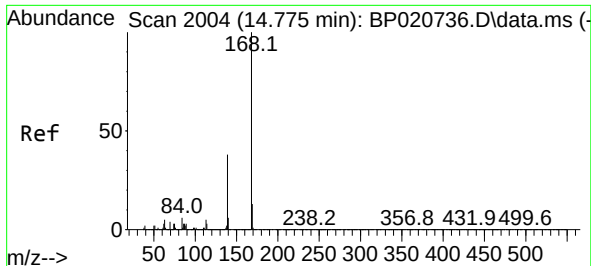


#52
Acenaphthene
Concen: 11.982 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02



Tgt Ion:153 Resp: 408394
Ion Ratio Lower Upper
153 100
152 46.5 38.2 57.2
154 87.7 69.8 104.6





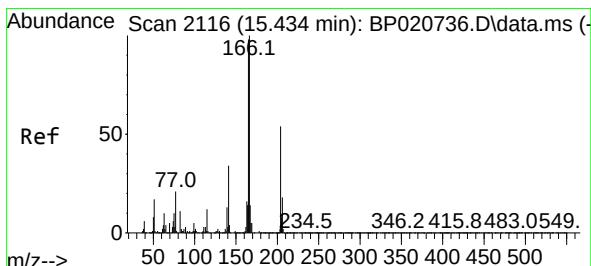
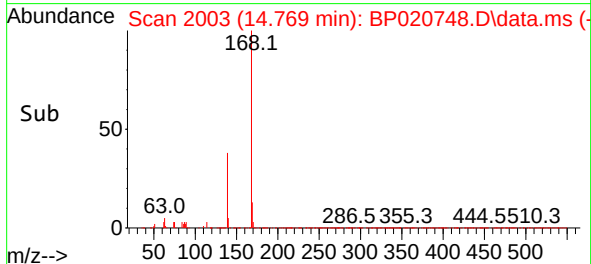
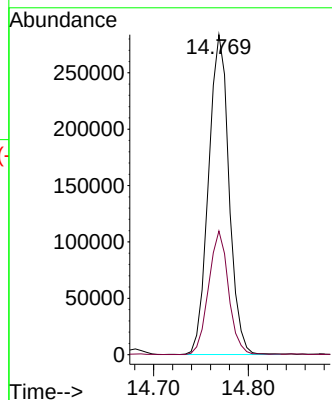
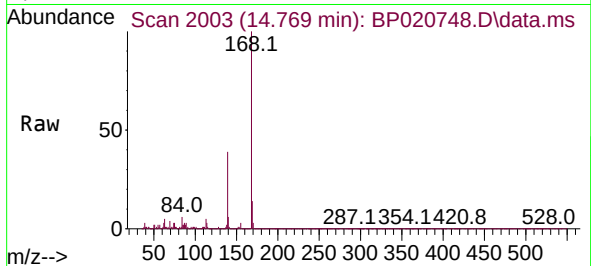
#56
Dibenzenofuran
Concen: 9.256 ng/ul
RT: 14.769 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

Instrument :
BNA_P
ClientSampleId :
A4B48

Tgt Ion:168 Resp: 425090
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1

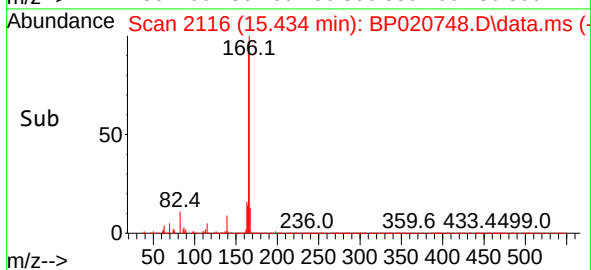
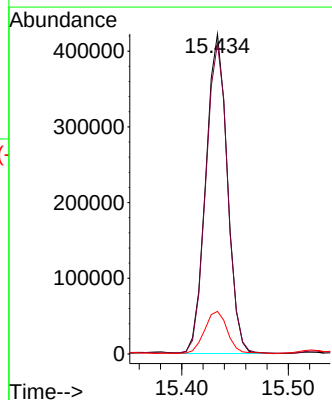
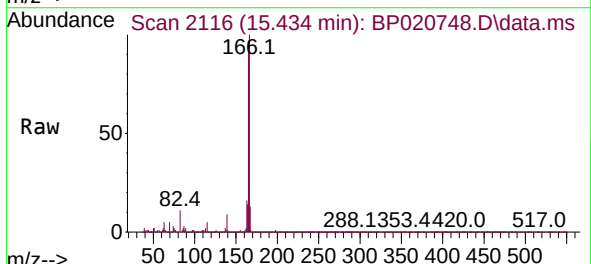
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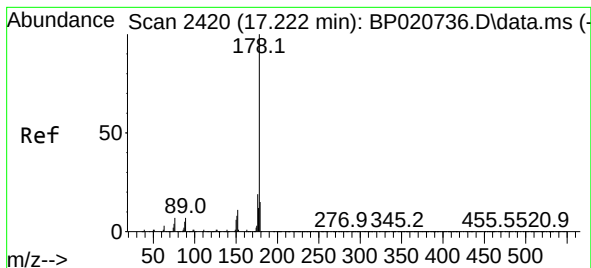
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 16.027 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

Tgt Ion:166 Resp: 591423
Ion Ratio Lower Upper
166 100
165 97.1 78.8 118.2
167 13.3 11.2 16.8





#72

Phenanthrene

Concen: 113.482 ng/ul

RT: 17.228 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

Instrument :

BNA_P

ClientSampleId :

A4B48

Tgt Ion:178 Resp: 621245

Ion Ratio Lower Upper

178 100

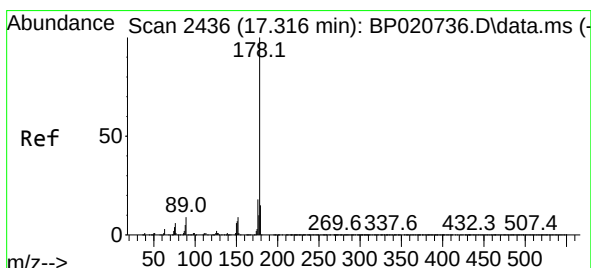
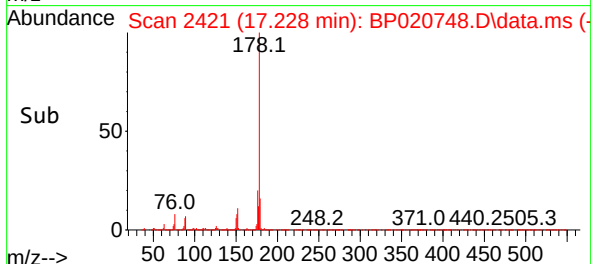
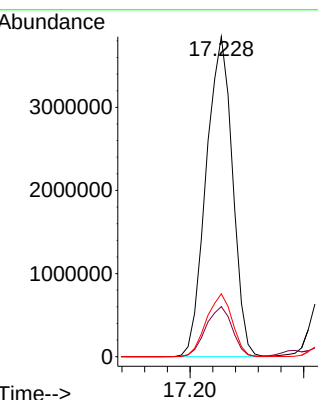
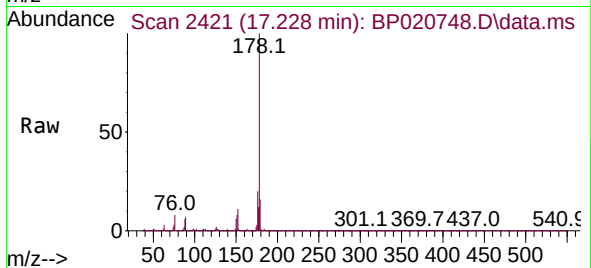
179 15.6 12.4 18.6

176 19.7 15.4 23.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#74

Anthracene

Concen: 24.402 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

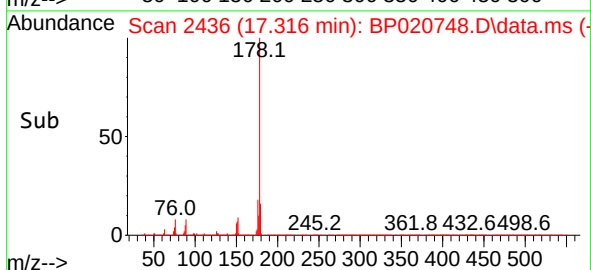
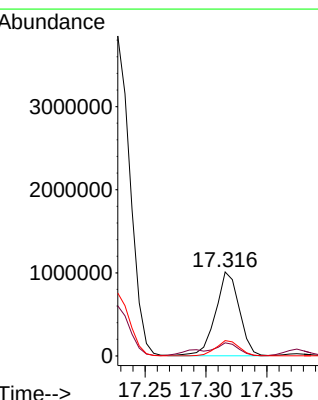
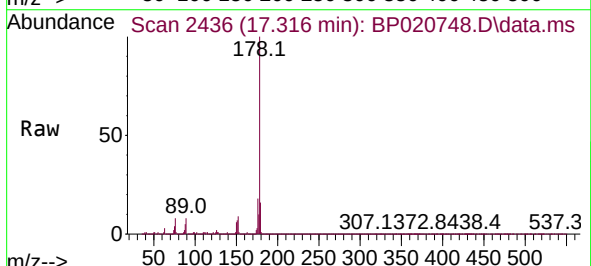
Tgt Ion:178 Resp: 1374096

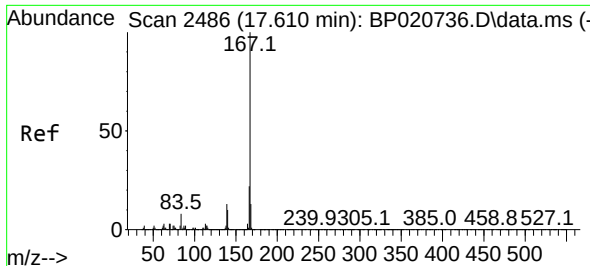
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

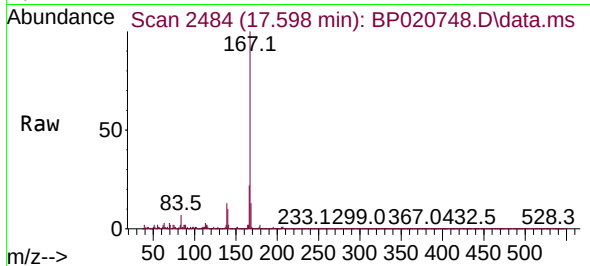
176 18.3 15.0 22.4





#77
 Carbazole
 Concen: 15.152 ng/ul
 RT: 17.598 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP020748.D
 Acq: 02 Jul 2024 13:02

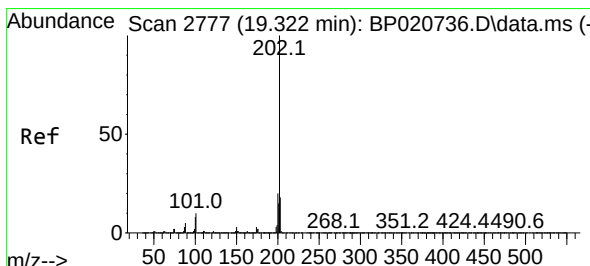
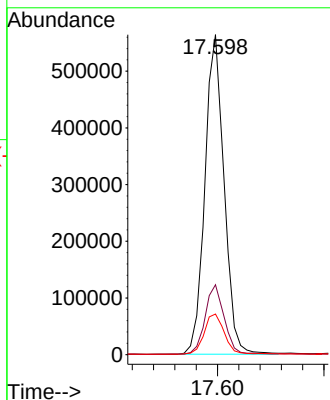
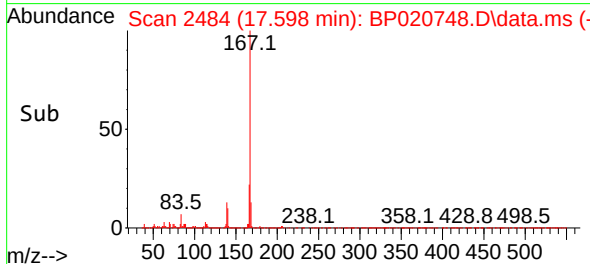
Instrument :
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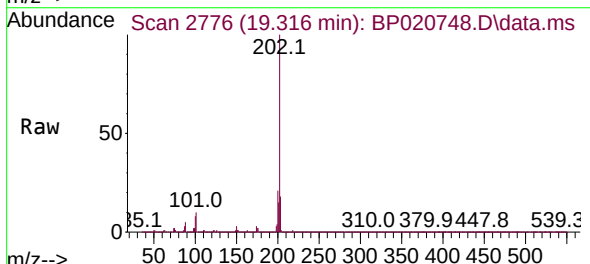
Tgt Ion:167 Resp: 70418
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.7 10.6 16.0

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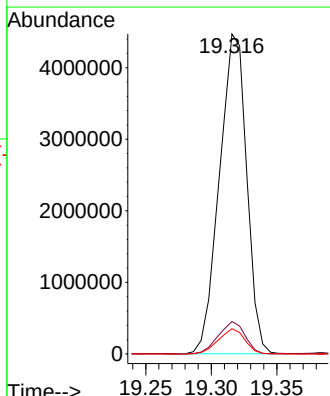
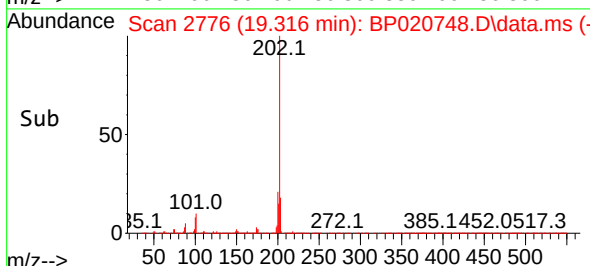
Reviewed By :Jagrut Upadhyay 07/03/2024
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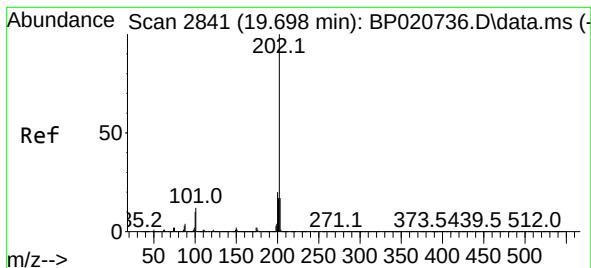


#80
 Fluoranthene
 Concen: 131.335 ng/ul
 RT: 19.316 min Scan# 2776
 Delta R.T. -0.006 min
 Lab File: BP020748.D
 Acq: 02 Jul 2024 13:02



Tgt Ion:202 Resp: 6458438
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.4
 100 7.9 6.6 10.0





#82

Pyrene

Concen: 77.180 ng/ul

RT: 19.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

Instrument :

BNA_P

ClientSampleId :

A4B48

Tgt Ion:202 Resp: 389242

Ion Ratio Lower Upper

202 100

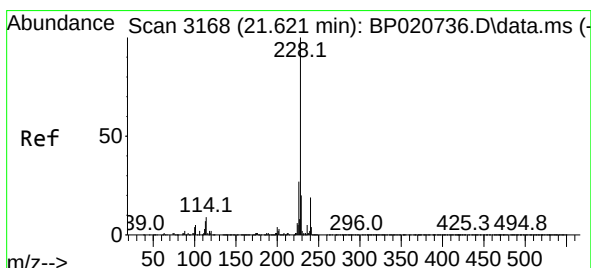
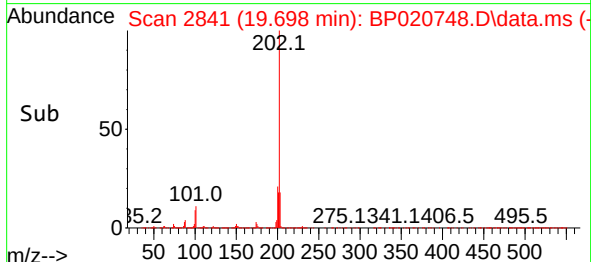
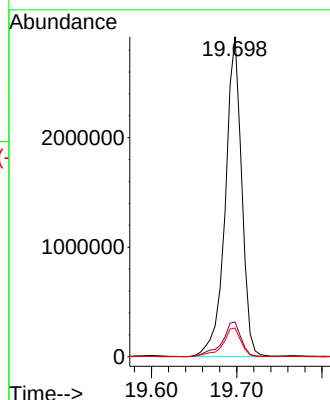
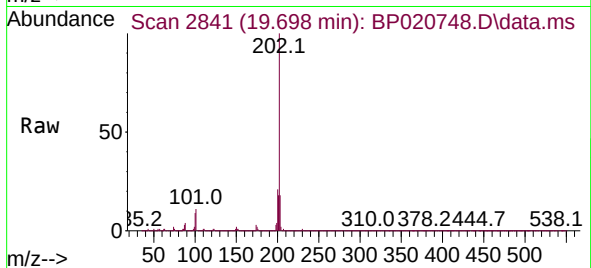
101 10.9 9.8 14.8

100 9.0 7.9 11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#85

Benzo(a)anthracene

Concen: 46.717 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

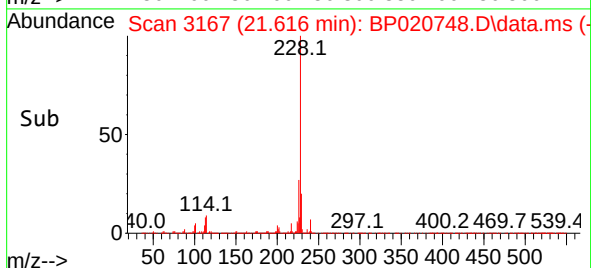
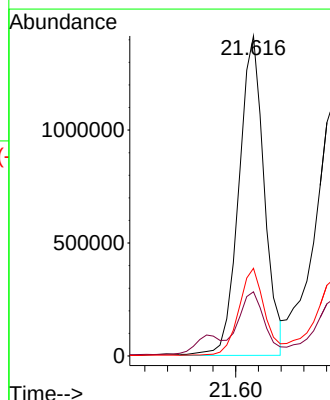
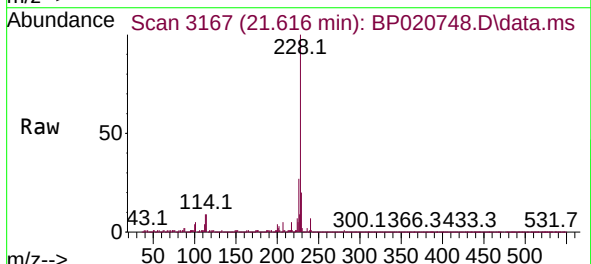
Tgt Ion:228 Resp: 2194263

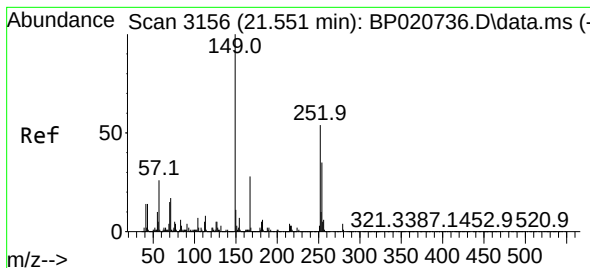
Ion Ratio Lower Upper

228 100

229 20.1 15.2 22.8

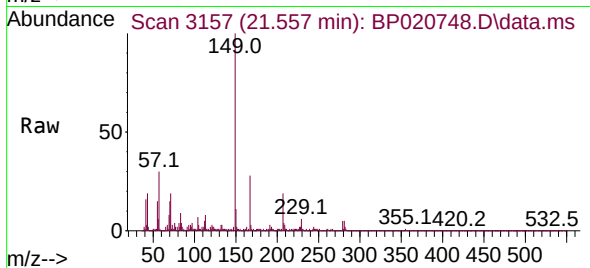
226 27.4 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 16.652 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

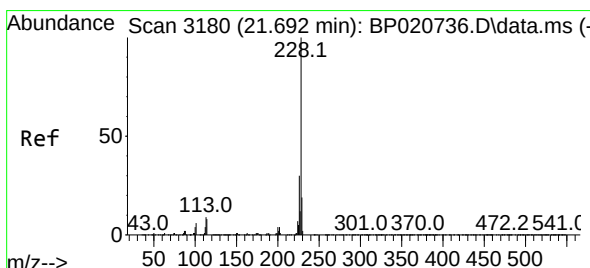
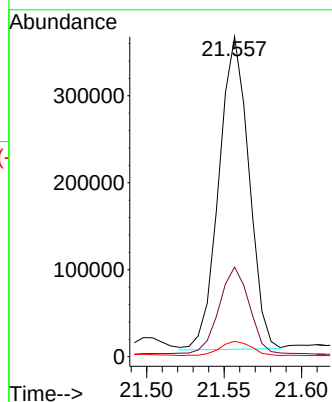
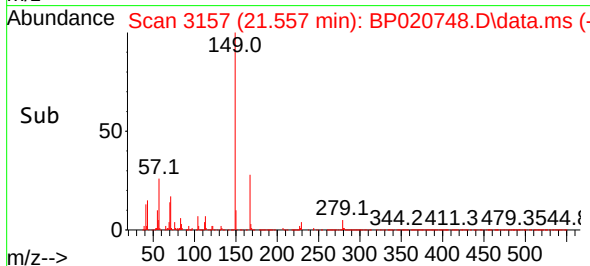
Instrument :
BNA_P
ClientSampleId :
A4B48



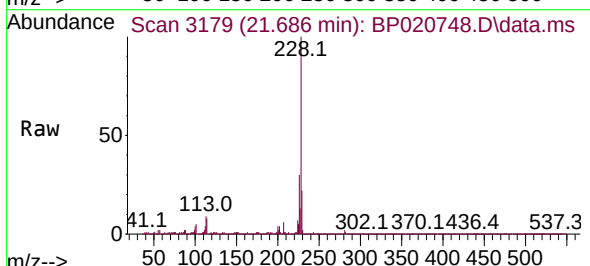
Tgt Ion:149 Resp: 48418
Ion Ratio Lower Upper
149 100
167 28.0 22.0 33.0
279 4.8 3.3 4.9

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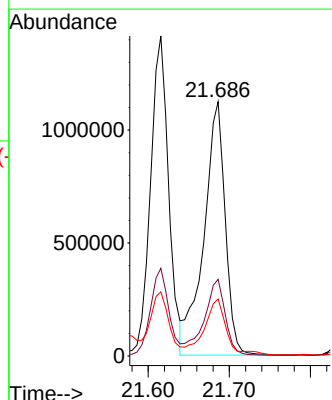
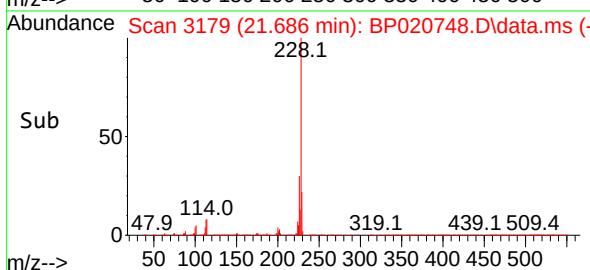
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

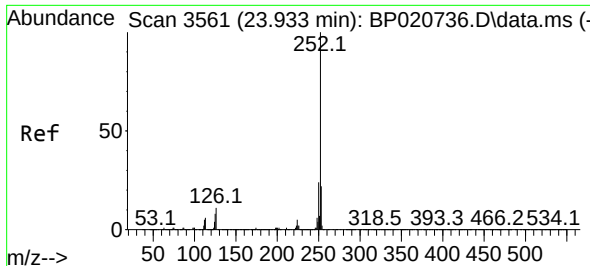


#87
Chrysene
Concen: 46.271 ng/ul
RT: 21.686 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02



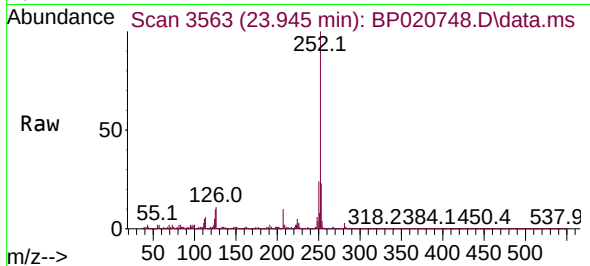
Tgt Ion:228 Resp: 2054258
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 22.4 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 50.161 ng/ul
RT: 23.945 min Scan# 3563
Delta R.T. 0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

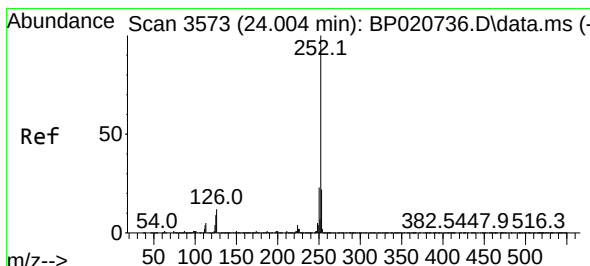
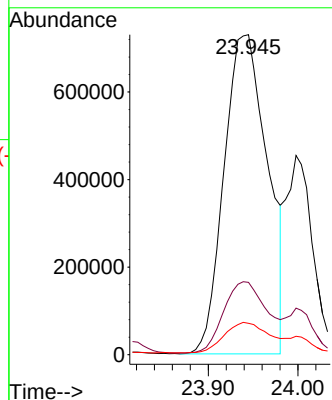
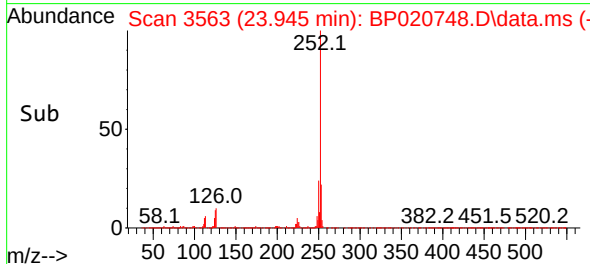
Instrument :
BNA_P
ClientSampleId :
A4B48



Tgt Ion:252 Resp: 2452460
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.8 7.9 11.9

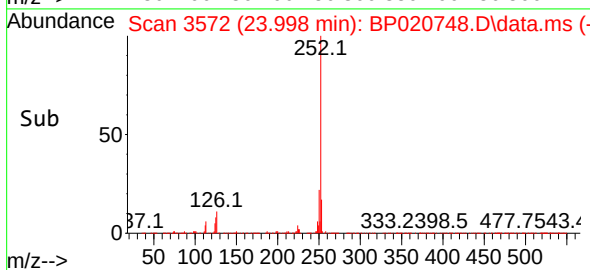
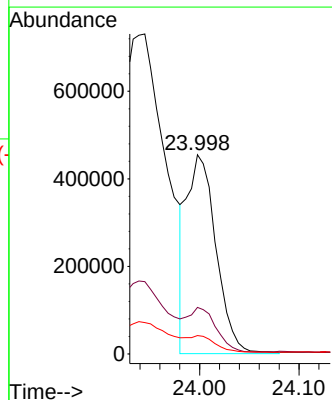
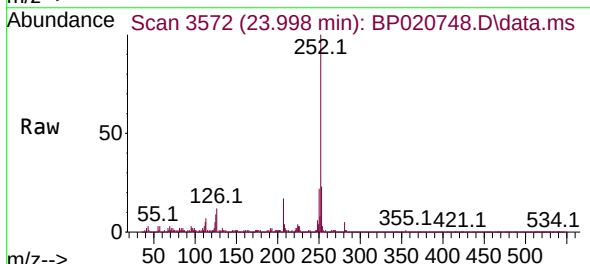
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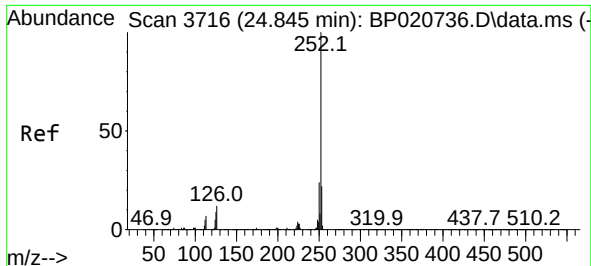
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 18.789 ng/ul m
RT: 23.998 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

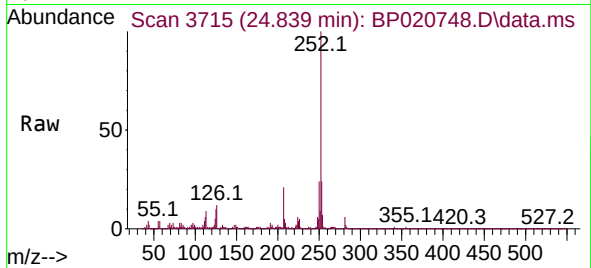
Tgt Ion:252 Resp: 929217
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 9.3 7.9 11.9





#93
Benzo(a)pyrene
Concen: 19.991 ng/ul
RT: 24.839 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

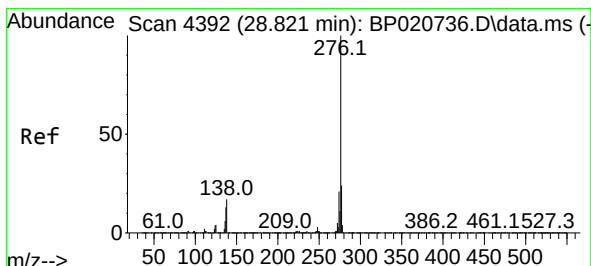
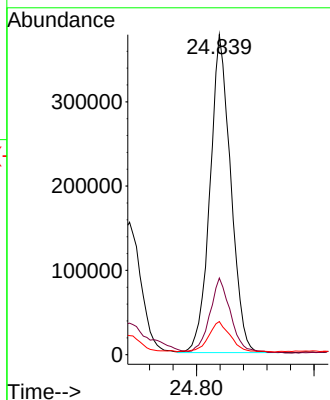
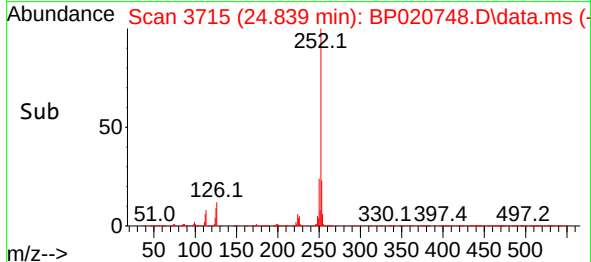
Instrument :
BNA_P
ClientSampleId :
A4B48



Tgt Ion:252 Resp: 922658
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 10.4 8.7 13.1

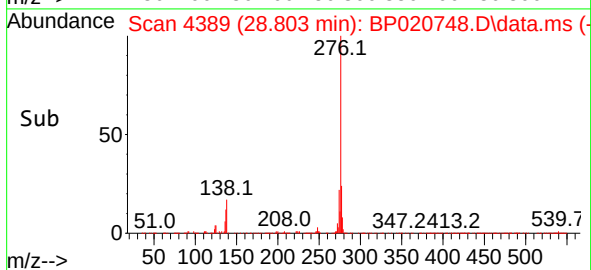
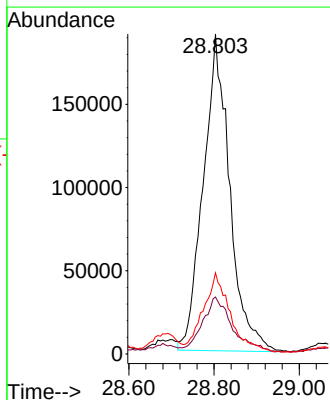
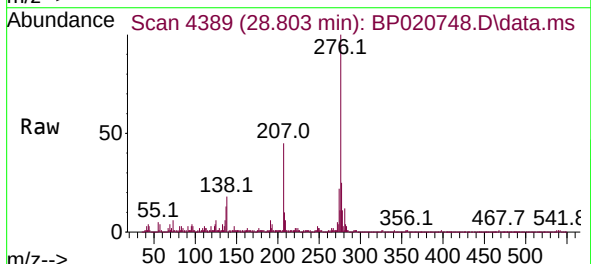
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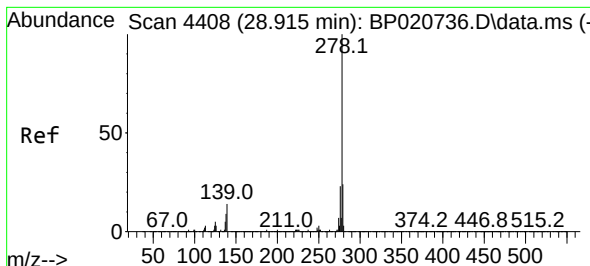
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 13.802 ng/ul
RT: 28.803 min Scan# 4389
Delta R.T. -0.012 min
Lab File: BP020748.D
Acq: 02 Jul 2024 13:02

Tgt Ion:276 Resp: 817080
Ion Ratio Lower Upper
276 100
138 17.8 15.2 22.8
277 25.3 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 6.524 ng/ul m

RT: 28.874 min Scan# 4408

Delta R.T. -0.024 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

Instrument :

BNA_P

ClientSampleId :

A4B48

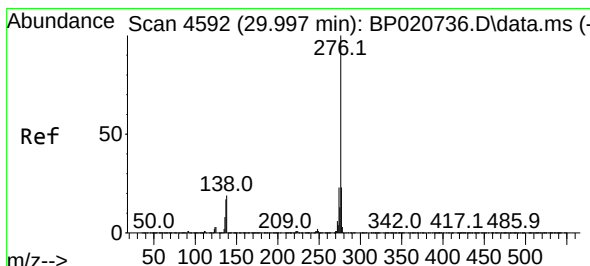
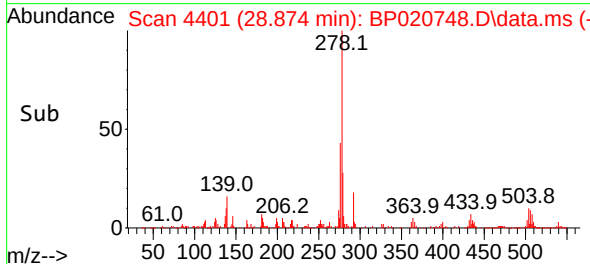
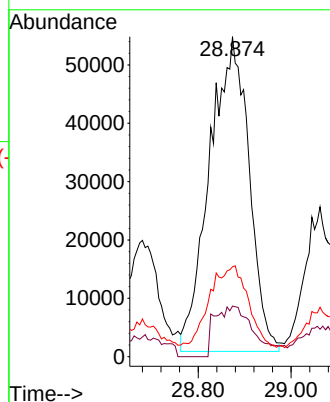
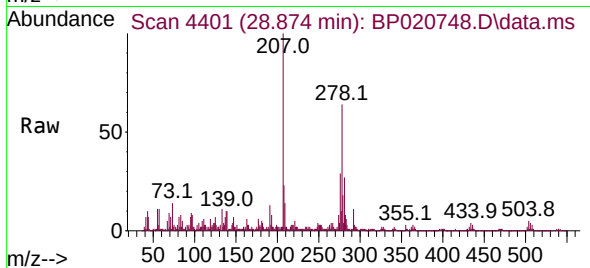
Tgt Ion: 278 Resp: 317439

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.1	16.7
279	28.1	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#96

Benzo(g,h,i)perylene

Concen: 2.202 ng/ul m

RT: 30.009 min Scan# 4594

Delta R.T. 0.006 min

Lab File: BP020748.D

Acq: 02 Jul 2024 13:02

Tgt Ion: 276 Resp: 106442

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.4	24.6
277	26.2	18.7	28.1

