

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015731.D
 Acq On : 27 Jun 2023 00:39
 Operator : MA/JU
 Sample : 03083-13DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 27 03:32:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	167653	20.000	ng/u1	0.00
20) Naphthalene-d8	10.892	136	704611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	444951	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	939372	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	597588	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	695045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	1280	0.275	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.269	99	19299m	1.345	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.398	67	13854m	1.561	ng/u1	0.01
11) 2-Chlorophenol-d4	7.604	132	19118m	1.766	ng/u1	0.01
15) 4-Methylphenol-d8	8.822	113	18628m	1.644	ng/u1	0.04
21) Nitrobenzene-d5	9.275	128	8390m	1.558	ng/u1	0.03
24) 2-Nitrophenol-d4	9.992	143	9434m	1.501	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.592	165	16629m	1.485	ng/u1	0.07
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.128	166	72987	2.122	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	79206	2.049	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.710	176	60202	2.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.574	188	91975	2.144	ng/u1	0.00
81) Pyrene-d10	19.798	212	90035	2.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	72019	2.054	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.945	128	57586	1.503	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	26879	1.066	ng/u1	91
52) Acenaphthene	14.780	153	149992	5.078	ng/u1	97
61) Fluorene	15.769	166	141543	4.256	ng/u1	99
72) Phenanthrene	17.516	178	2609997	51.144	ng/u1	100
74) Anthracene	17.610	178	601427	11.729	ng/u1	99
80) Fluoranthene	19.480	202	4180593	86.205	ng/u1	98
82) Pyrene	19.833	202	3217096	65.032	ng/u1	100
85) Benzo(a)anthracene	21.545	228	1637275	38.948	ng/u1	97
87) Chrysene	21.604	228	1514196	37.966	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	2069745	46.345	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	712734m	15.795	ng/u1	
93) Benzo(a)pyrene	24.003	252	1391559	35.660	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	1111528	20.982	ng/u1	98
95) Dibenzo(a,h)anthracene	26.815	278	314535	7.229	ng/u1#	78
96) Benzo(g,h,i)perylene	27.656	276	1021886	23.448	ng/u1	99

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

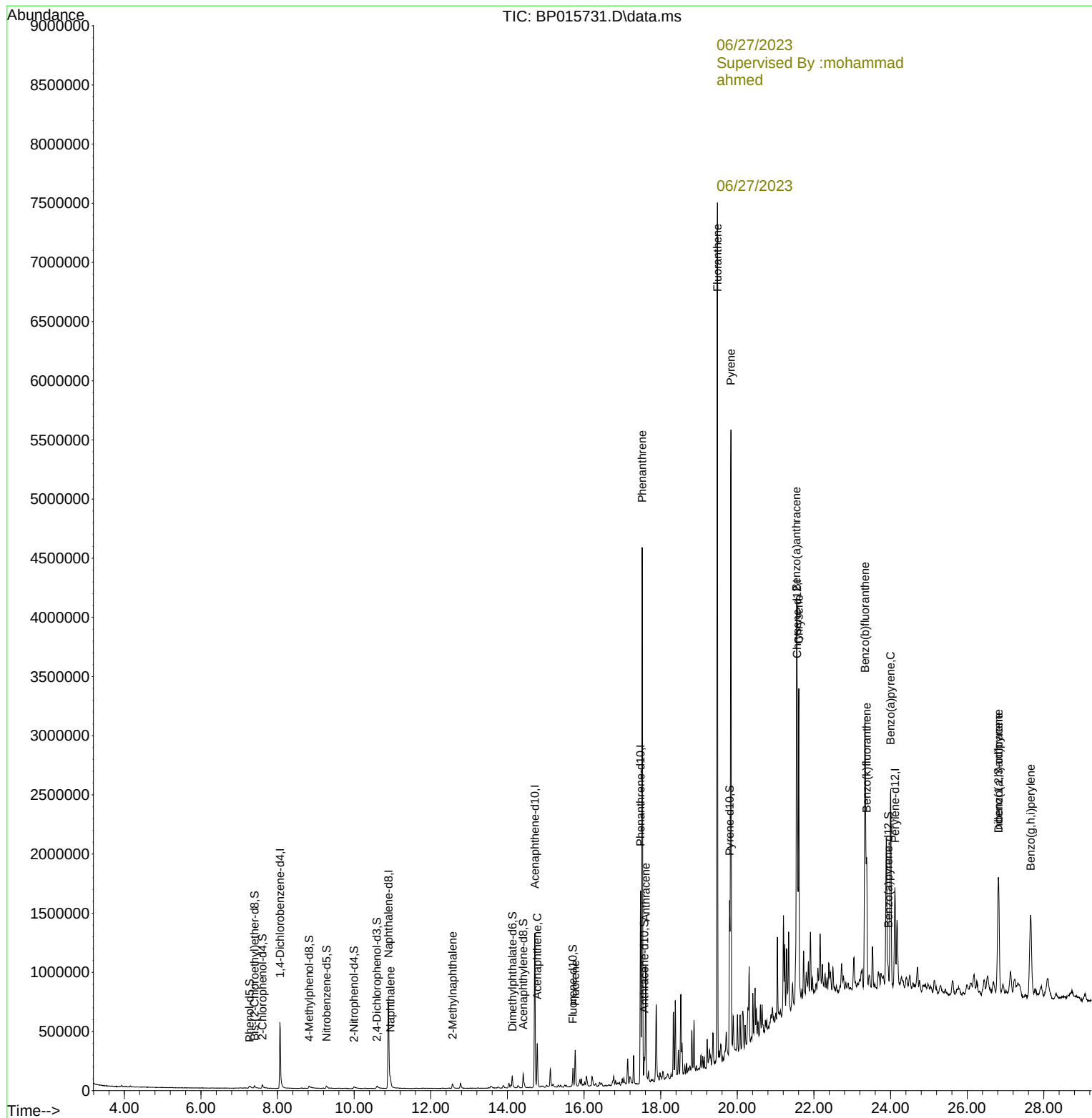
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Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
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ALS Vial : 21 Sample Multiplier: 1

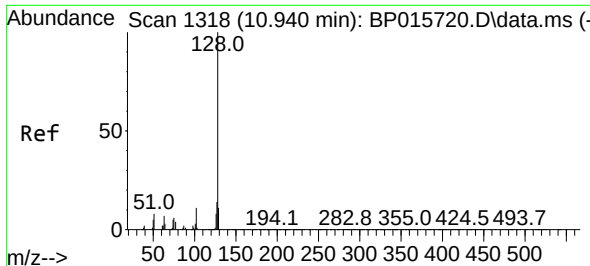
Instrument :
BNA_P
ClientSampleId :
DCFL1DL

Quant Time: Jun 27 03:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
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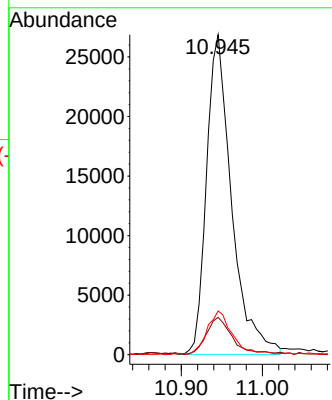
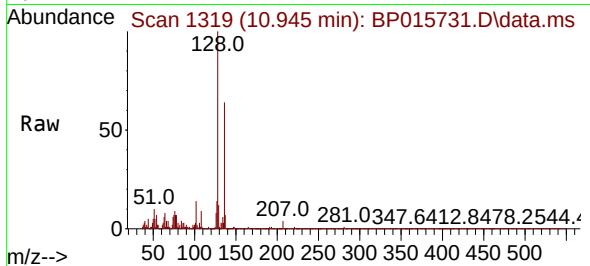
#30
Naphthalene
Concen: 1.503 ng/ul
RT: 10.945 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

Tgt Ion:128 Resp: 57580
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.7 10.3 15.5

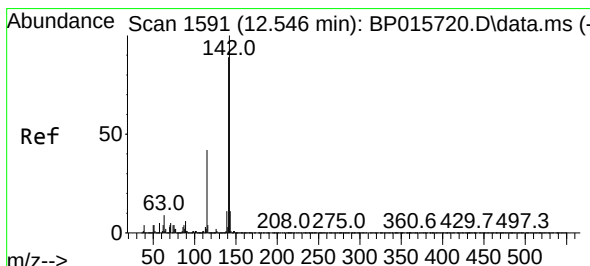
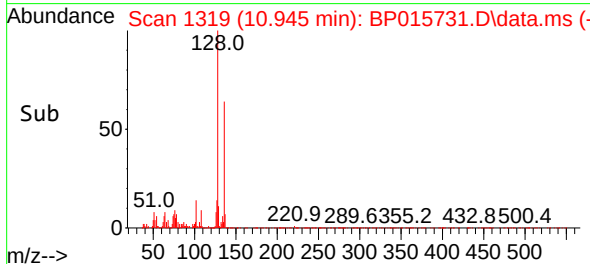
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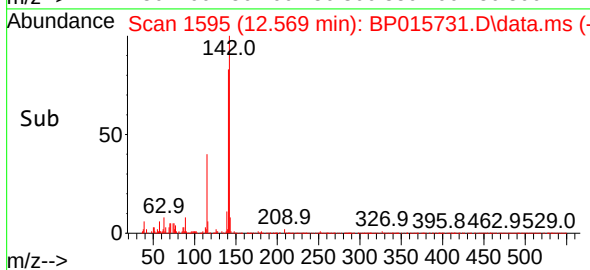
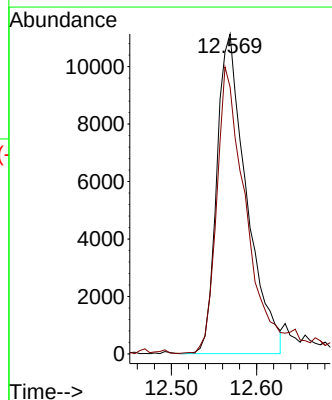
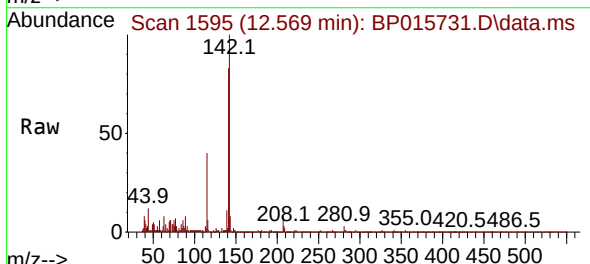
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ahmed

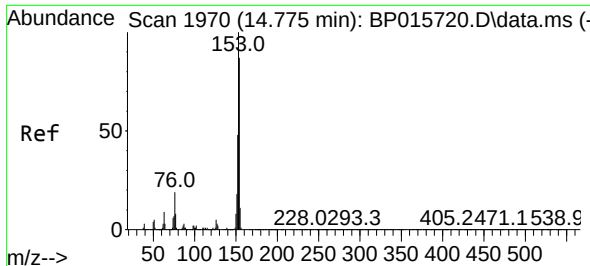
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#36
2-Methylnaphthalene
Concen: 1.066 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. 0.023 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:142 Resp: 26879
Ion Ratio Lower Upper
142 100
141 83.3 73.2 109.8





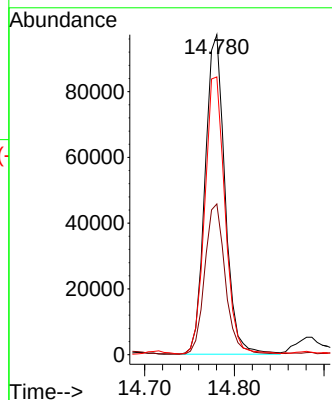
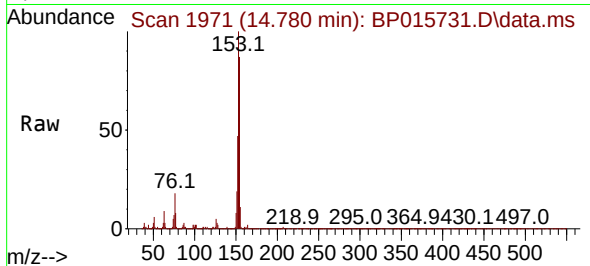
#52
Acenaphthene
Concen: 5.078 ng/ul
RT: 14.780 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

Tgt Ion:153 Resp: 149992
Ion Ratio Lower Upper
153 100
152 47.1 39.4 59.2
154 86.8 71.4 107.2

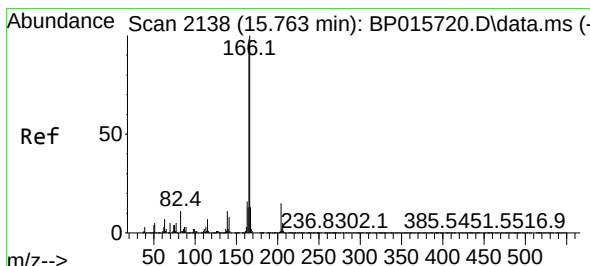
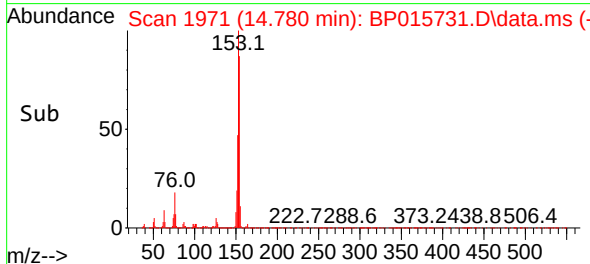
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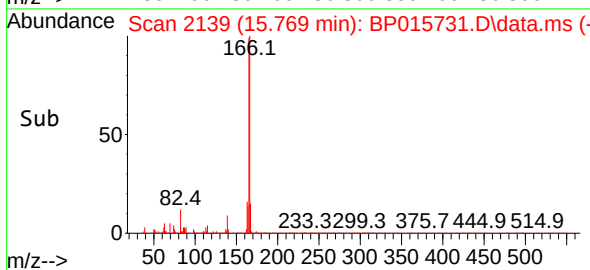
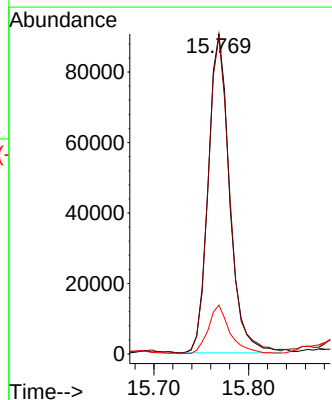
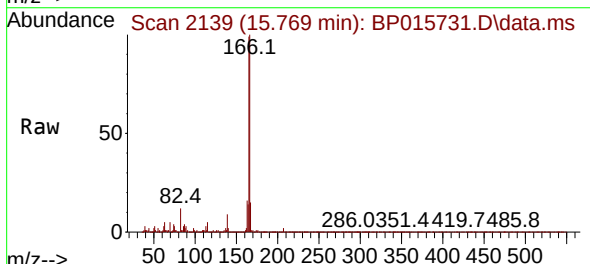
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Supervised By :mohammad
ahmed

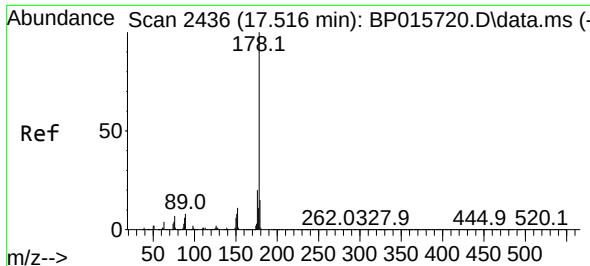
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#61
Fluorene
Concen: 4.256 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

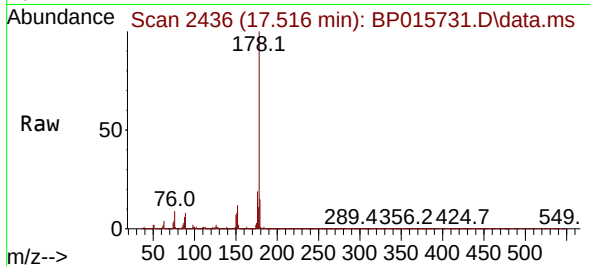
Tgt Ion:166 Resp: 141543
Ion Ratio Lower Upper
166 100
165 99.1 78.7 118.1
167 15.2 10.5 15.7





#72
Phenanthrene
Concen: 51.144 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

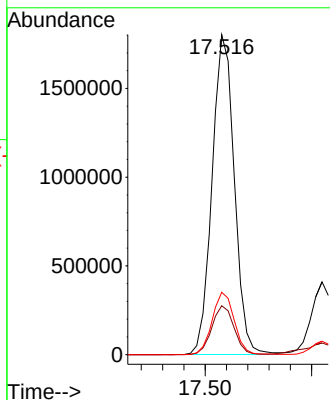
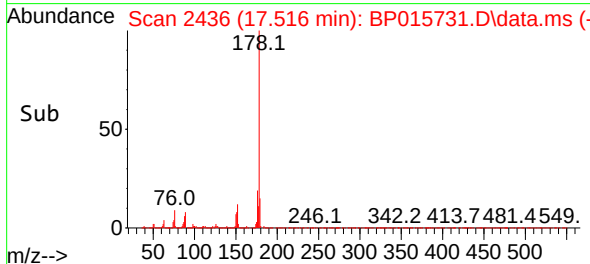
Instrument :
BNA_P
ClientSampleId :
DCFL1DL



Tgt Ion:178 Resp: 2609997
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.6 23.4

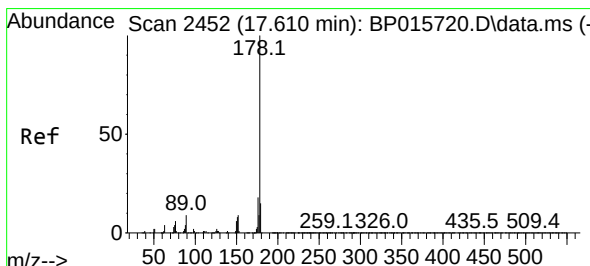
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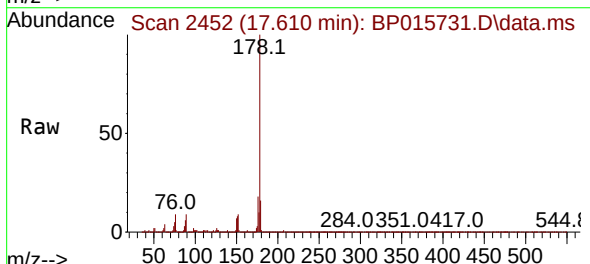


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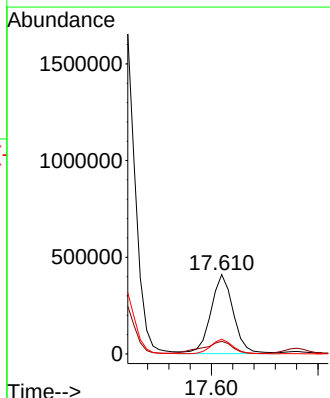
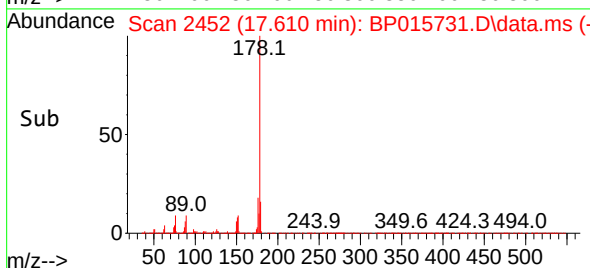
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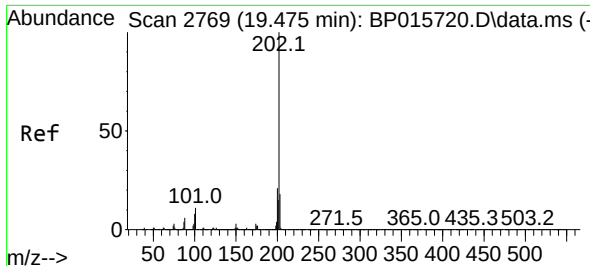


#74
Anthracene
Concen: 11.729 ng/ul
RT: 17.610 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39



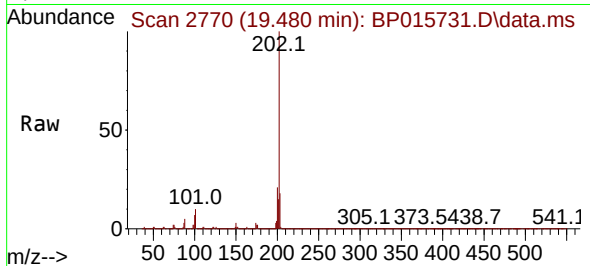
Tgt Ion:178 Resp: 601427
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 18.5 14.6 22.0





#80
Fluoranthene
Concen: 86.205 ng/u1
RT: 19.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

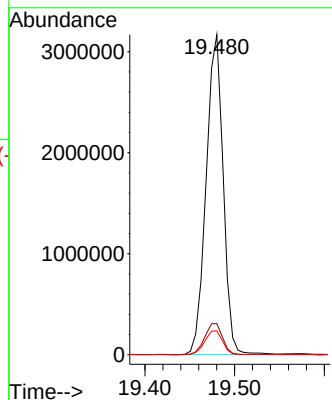
Instrument :
BNA_P
ClientSampleId :
DCFL1DL



Tgt Ion:202 Resp: 418059
Ion Ratio Lower Upper
202 100
101 9.7 8.3 12.5
100 7.4 6.6 9.8

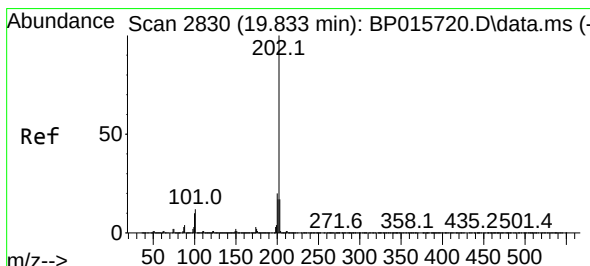
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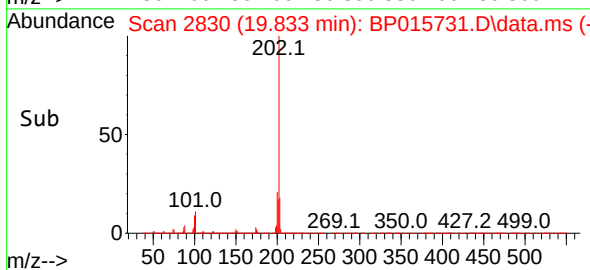
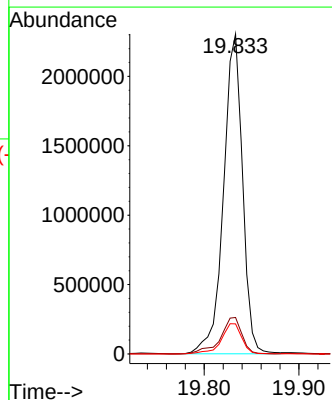
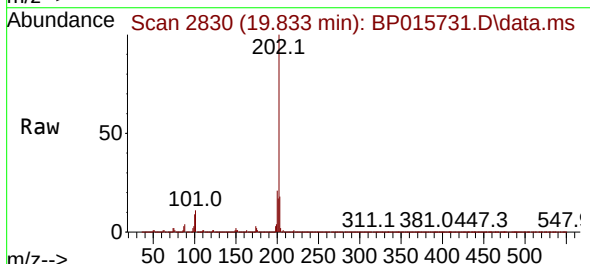
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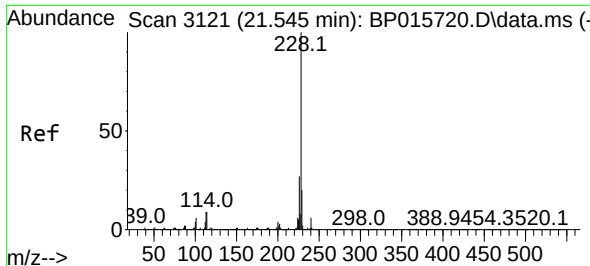
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#82
Pyrene
Concen: 65.032 ng/u1
RT: 19.833 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:202 Resp: 3217096
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.4 7.6 11.4





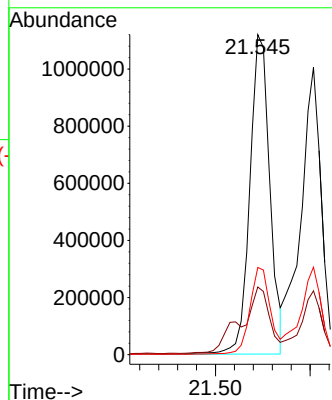
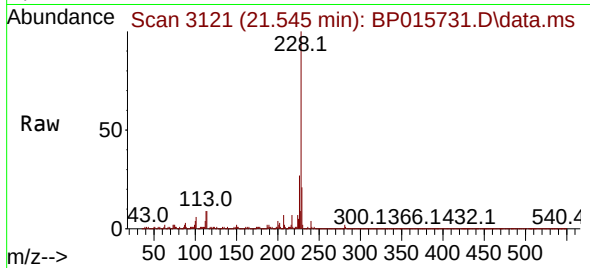
#85
Benzo(a)anthracene
Concen: 38.948 ng/u1
RT: 21.545 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

Tgt Ion:228 Resp: 163727
Ion Ratio Lower Upper
228 100
229 21.2 15.3 22.9
226 27.2 21.4 32.0

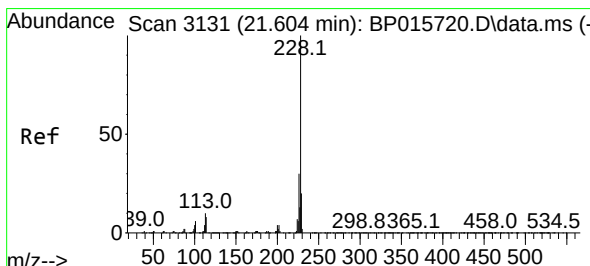
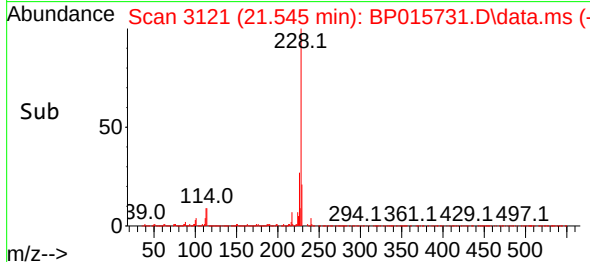
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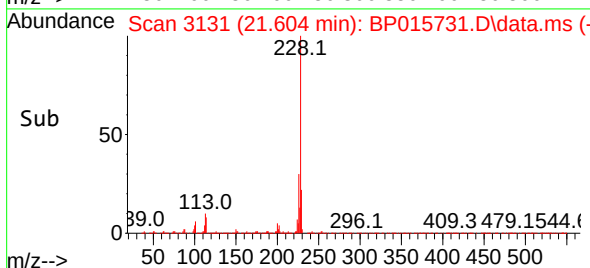
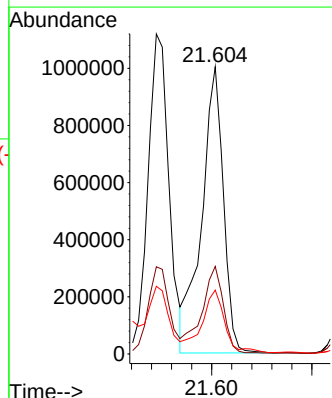
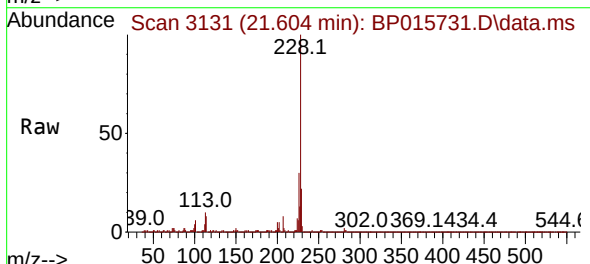
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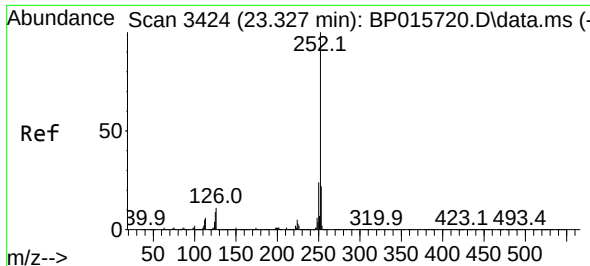
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#87
Chrysene
Concen: 37.966 ng/u1
RT: 21.604 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

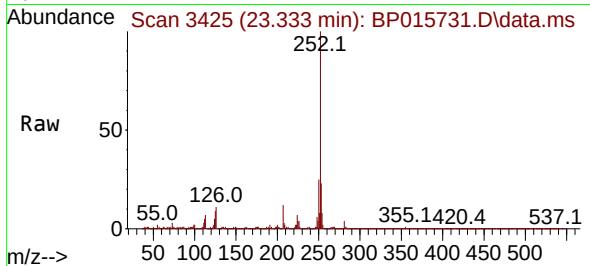
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Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 46.345 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

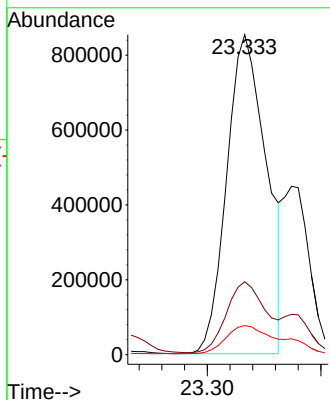
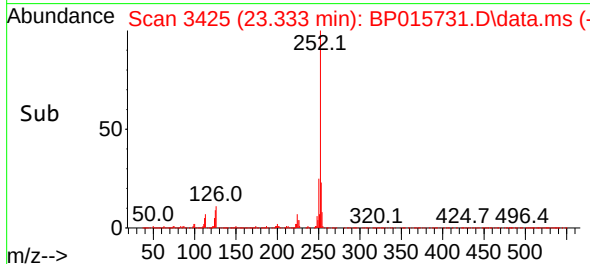
Instrument :
BNA_P
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DCFL1DL



Tgt Ion:252 Resp: 206974
Ion Ratio Lower Upper
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253 22.8 17.3 25.9
125 9.1 7.5 11.3

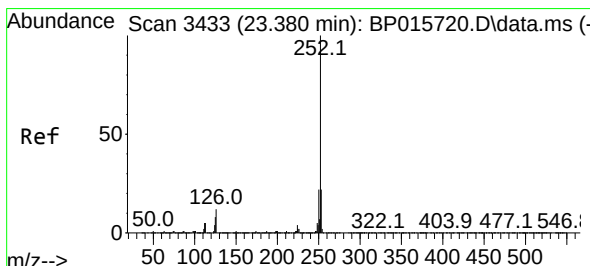
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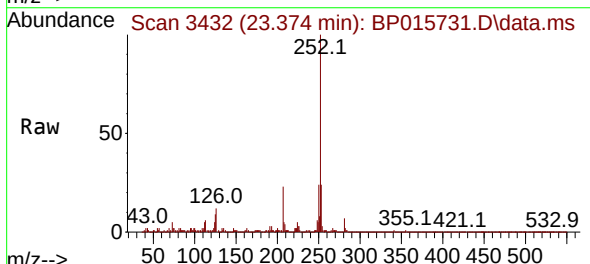


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Supervised By :mohammad
ahmed

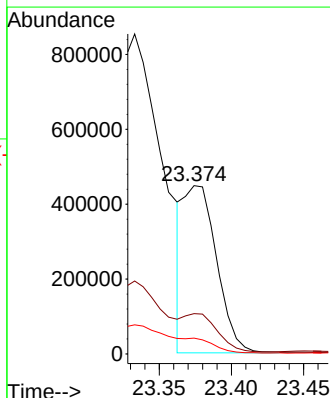
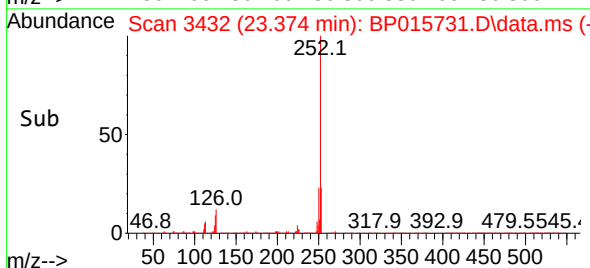
06/27/2023

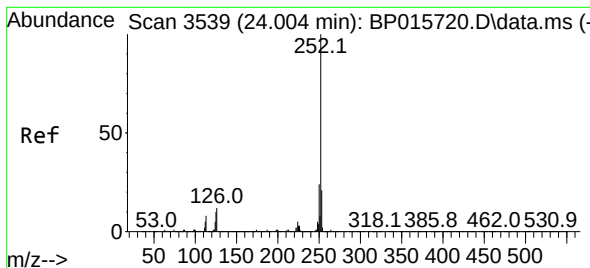


#91
Benzo(k)fluoranthene
Concen: 15.795 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39



Tgt Ion:252 Resp: 712734
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 9.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 35.660 ng/ul

RT: 24.003 min Scan# 3539

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

Instrument :

BNA_P

ClientSampleId :

DCFL1DL

Tgt Ion:252 Resp: 139155

Ion Ratio Lower Upper

252 100

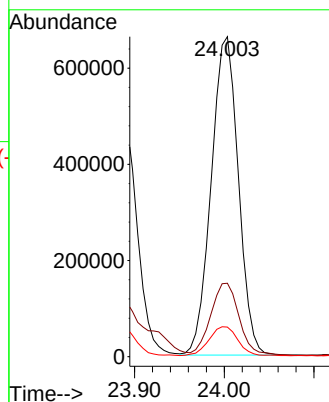
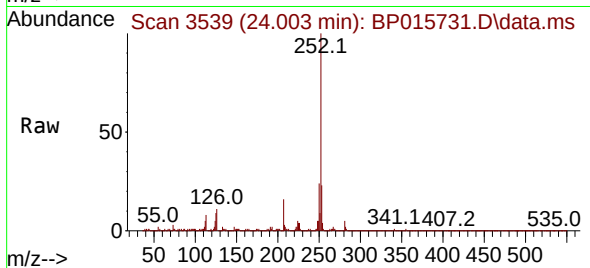
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125 9.2 8.2 12.2

Manual Integrations

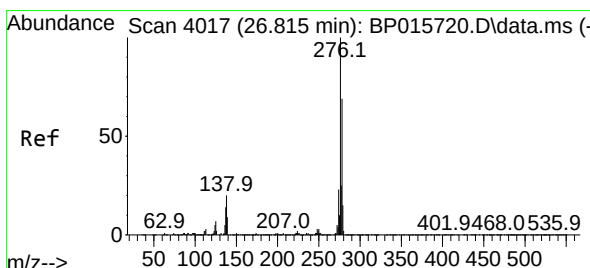
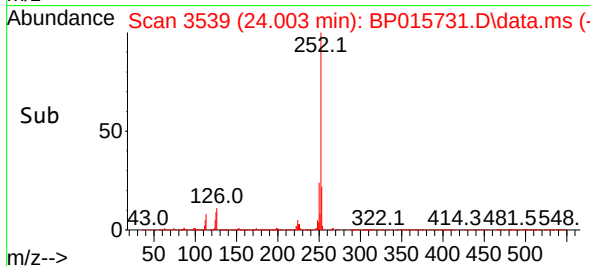
APPROVED

Reviewed By :Yogesh
Patel



06/27/2023
Supervised By :mohammad
ahmed

06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.982 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

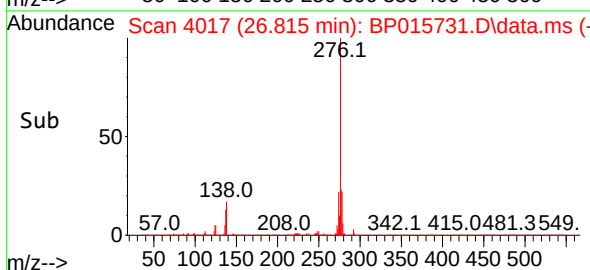
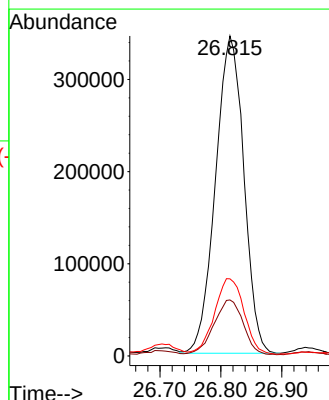
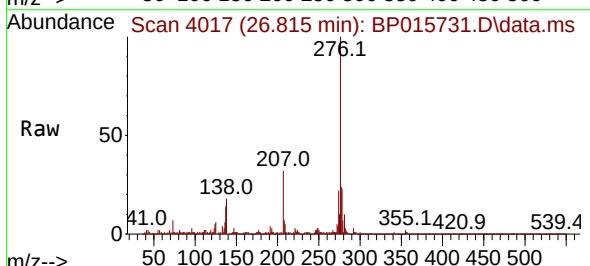
Tgt Ion:276 Resp: 1111528

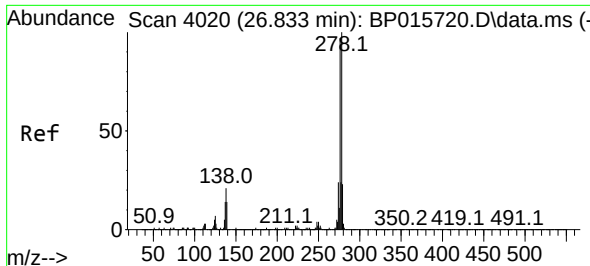
Ion Ratio Lower Upper

276 100

138 17.5 15.7 23.5

277 24.1 19.6 29.4





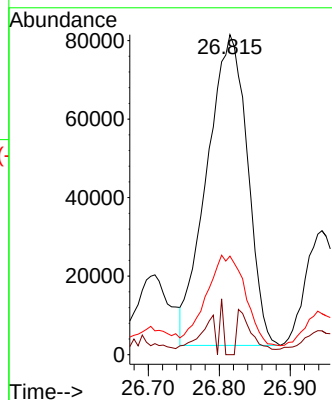
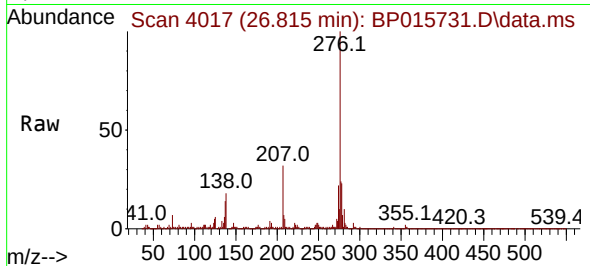
#95
Dibenzo(a,h)anthracene
Concen: 7.229 ng/ul
RT: 26.815 min Scan# 4017
Delta R.T. -0.012 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

Tgt Ion:278 Resp: 31453
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 30.8 18.4 27.6

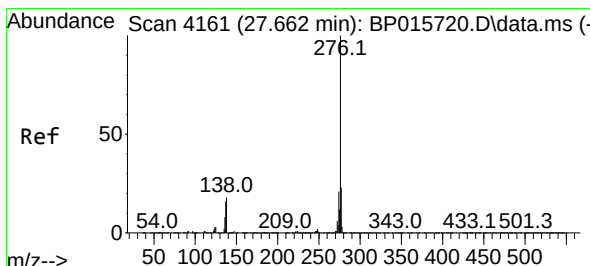
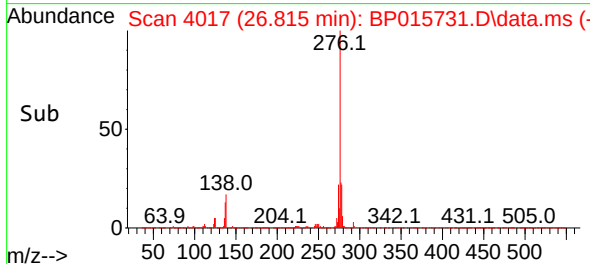
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



06/27/2023
Supervised By :mohammad
ahmed

06/27/2023



#96
Benzo(g,h,i)perylene
Concen: 23.448 ng/ul
RT: 27.656 min Scan# 4160
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:276 Resp: 1021886
Ion Ratio Lower Upper
276 100
138 19.1 15.1 22.7
277 23.9 18.8 28.2

