

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013034.D
 Acq On : 10 Dec 2022 11:55
 Operator : CG/JU
 Sample : N5832-09ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK6ME

Quant Time: Dec 11 23:49:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	673237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	2881695	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1884035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	4141368	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	3618146	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	3559261	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	32768	2.081	ng/uL	0.00
4) Pyridine-d5	3.787	84	222557	4.976	ng/u1	0.00
7) Phenol-d5	7.128	99	1098052	20.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	682501	20.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	844023	19.552	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1000270	22.262	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	473823	22.379	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	553481	23.220	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1081791	23.366	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	964082	14.750	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3989646	27.553	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	4324531	27.180	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	555828	21.340	ng/u1	0.00
60) Fluorene-d10	15.610	176	3536442	28.869	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	574103	21.542	ng/u1	0.00
73) Anthracene-d10	17.480	188	5677282	30.386	ng/u1	0.00
81) Pyrene-d10	19.710	212	6357937	30.614	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.798	264	5500016	31.002	ng/u1	0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.339	152	493487	2.885	ng/u1	99
52) Acenaphthene	14.680	153	795540	6.711	ng/u1	99
61) Fluorene	15.669	166	1833209	13.563	ng/u1	99
72) Phenanthrene	17.421	178	13921250	64.537	ng/u1	94
74) Anthracene	17.510	178	20339825m	94.436	ng/u1	
80) Fluoranthene	19.374	202	20042817m	85.030	ng/u1	
82) Pyrene	19.733	202	19133147m	78.689	ng/u1	
85) Benzo(a)anthracene	21.451	228	10696538	44.534	ng/u1	97
87) Chrysene	21.504	228	12242221	53.897	ng/u1	97
90) Benzo(b)fluoranthene	23.198	252	11199797	49.346	ng/u1	97
91) Benzo(k)fluoranthene	23.239	252	3939517m	17.504	ng/u1	
93) Benzo(a)pyrene	23.851	252	4562673	23.088	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.556	276	2243825	9.115	ng/u1	97
95) Dibenzo(a,h)anthracene	26.568	278	601317	2.950	ng/u1#	94
96) Benzo(g,h,i)perylene	27.368	276	1508602	7.634	ng/u1	99

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

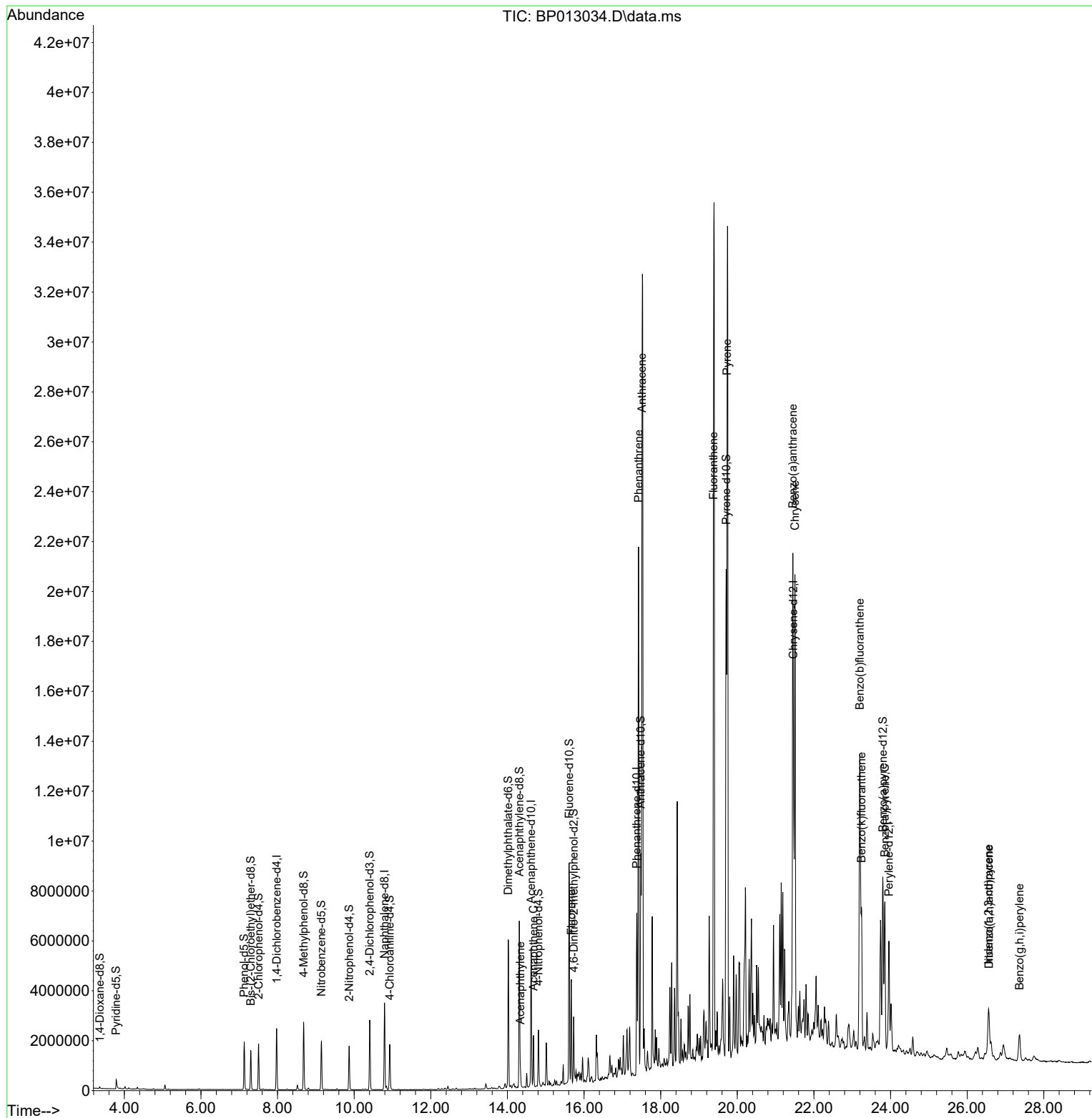
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
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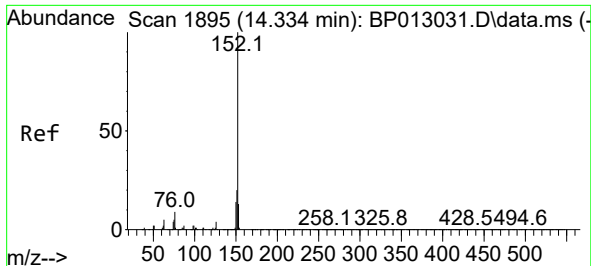
Instrument :
 BNA_P
 ClientSampleId :
 DBXK6ME

Quant Time: Dec 11 23:49:19 2022
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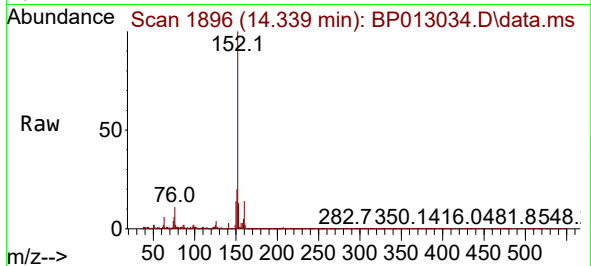
Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022





#50
Acenaphthylene
Concen: 2.885 ng/ul
RT: 14.339 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55

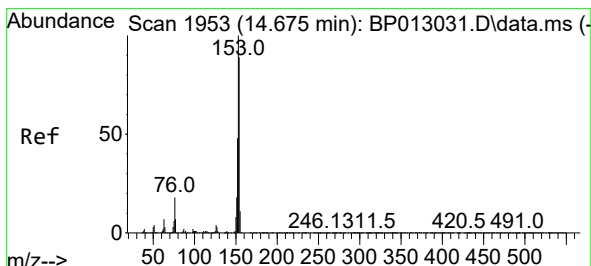
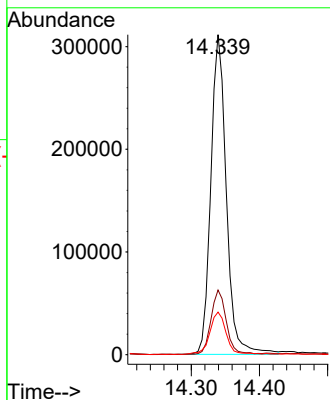
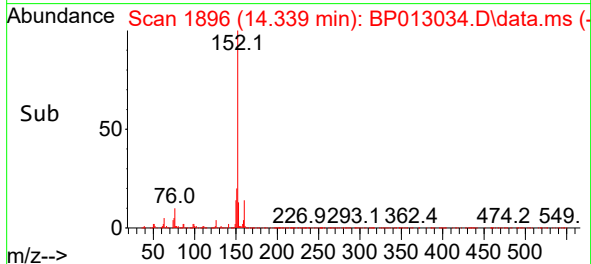
Instrument :
BNA_P
ClientSampleId :
DBXK6ME



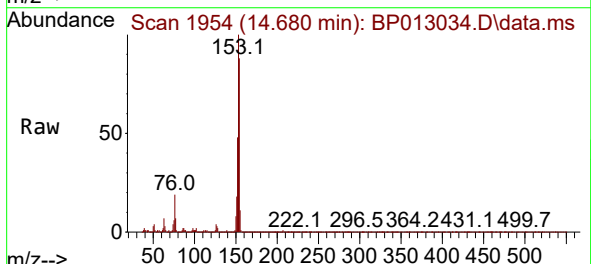
Tgt Ion:152 Resp: 49348
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.3 10.6 16.0

Manual Integrations
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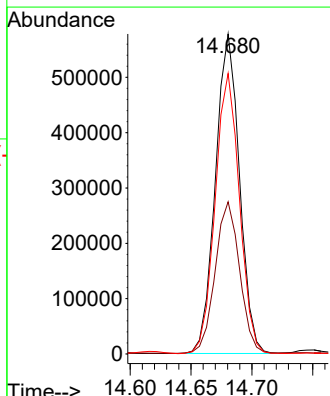
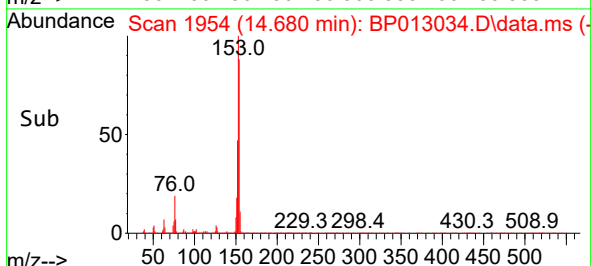
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

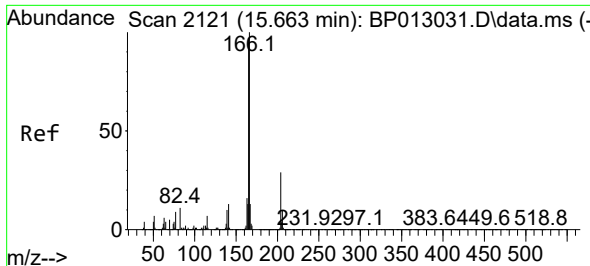


#52
Acenaphthene
Concen: 6.711 ng/ul
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55



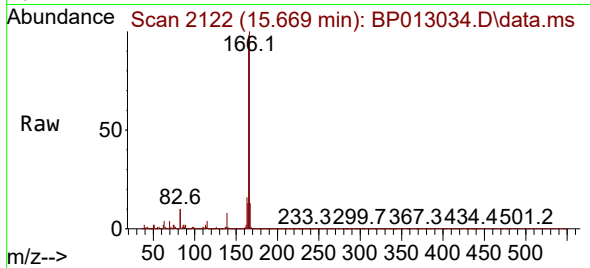
Tgt Ion:153 Resp: 795540
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.4
154 87.7 70.8 106.2





#61
Fluorene
Concen: 13.563 ng/ul
RT: 15.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55

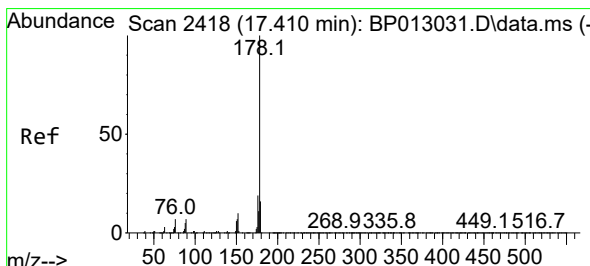
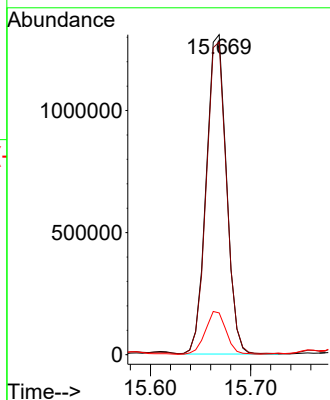
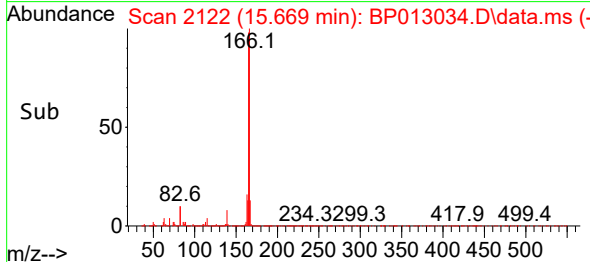
Instrument :
BNA_P
ClientSampleId :
DBXK6ME



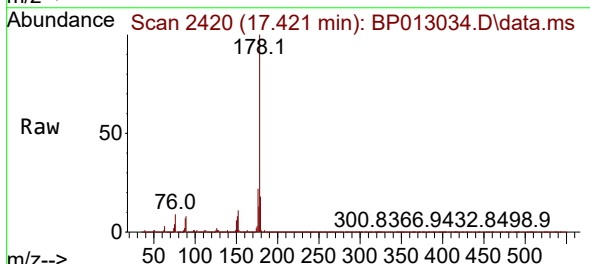
Tgt Ion:166 Resp: 1833209
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.2
167 13.0 10.6 16.0

Manual Integrations
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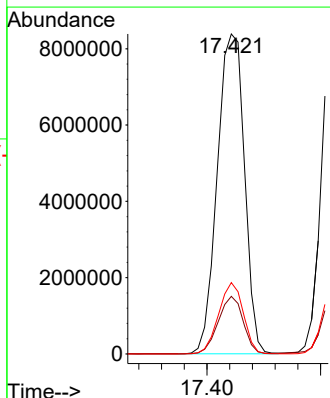
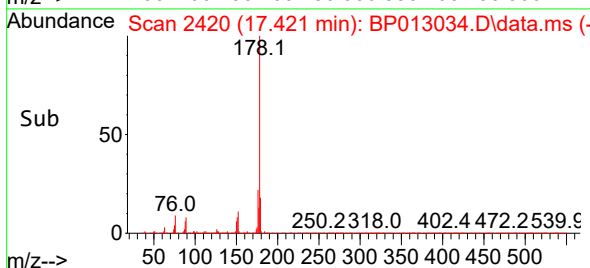
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

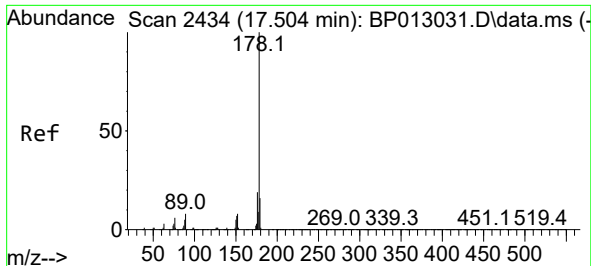


#72
Phenanthrene
Concen: 64.537 ng/ul
RT: 17.421 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55



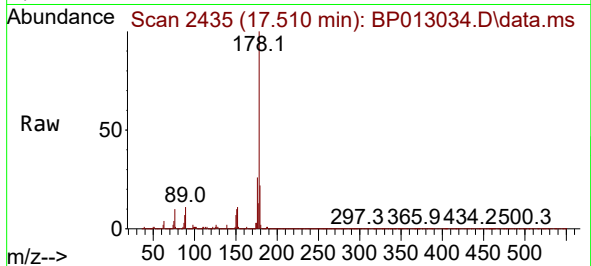
Tgt Ion:178 Resp:13921250
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 22.3 15.4 23.0





#74
 Anthracene
 Concen: 94.436 ng/ul m
 RT: 17.510 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BP013034.D
 Acq: 10 Dec 2022 11:55

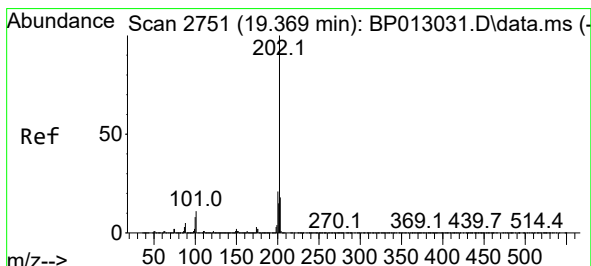
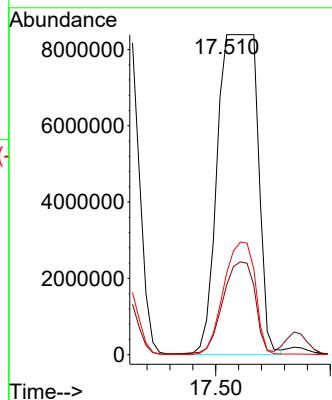
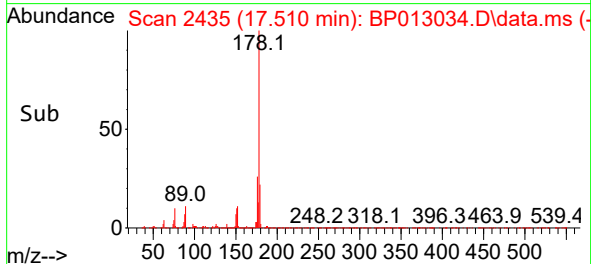
Instrument :
 BNA_P
 ClientSampleId :
 DBXK6ME



Tgt Ion:178 Resp:2033982
 Ion Ratio Lower Upper
 178 100
 179 21.8 12.5 18.7
 176 25.6 14.8 22.2

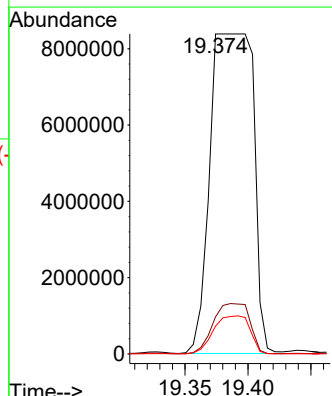
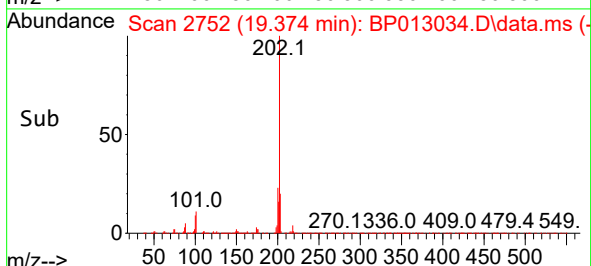
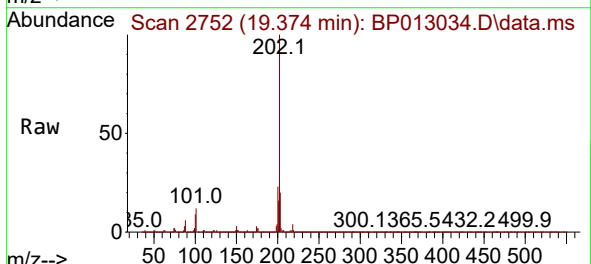
Manual Integrations
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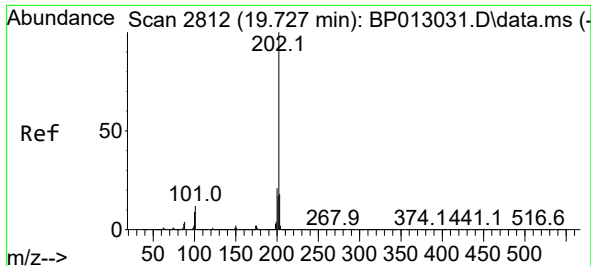
Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022



#80
 Fluoranthene
 Concen: 85.030 ng/ul m
 RT: 19.374 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BP013034.D
 Acq: 10 Dec 2022 11:55

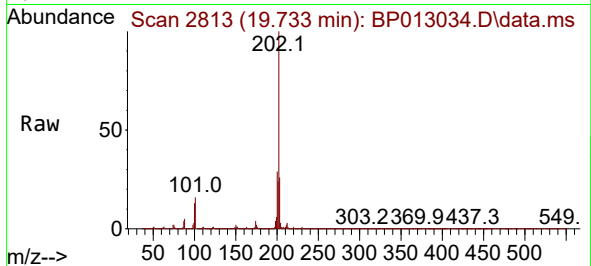
Tgt Ion:202 Resp:20042817
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.2 12.2
 100 8.7 6.1 9.1





#82
Pyrene
Concen: 78.689 ng/ul m
RT: 19.733 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55

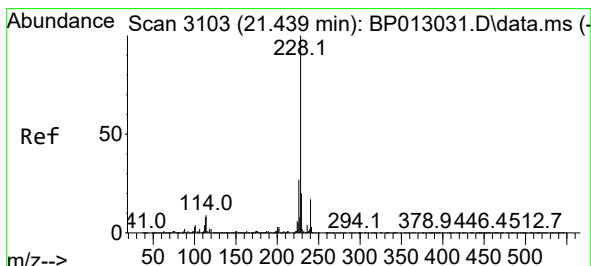
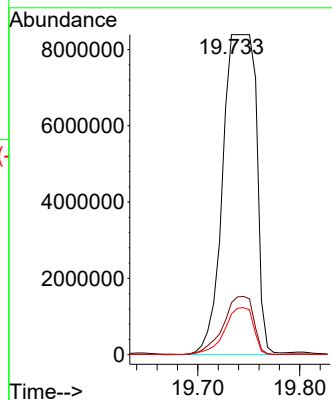
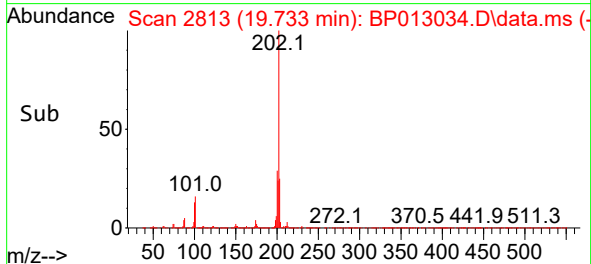
Instrument :
BNA_P
ClientSampleId :
DBXK6ME



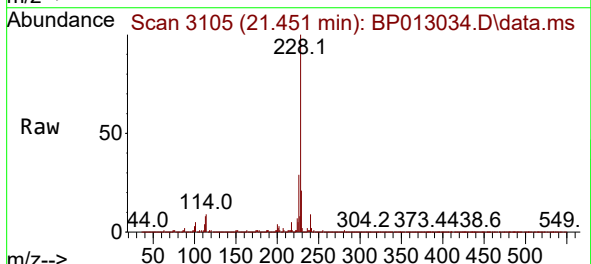
Tgt Ion:202 Resp:1913314
Ion Ratio Lower Upper
202 100
101 16.3 9.4 14.2
100 12.7 7.8 11.8

Manual Integrations
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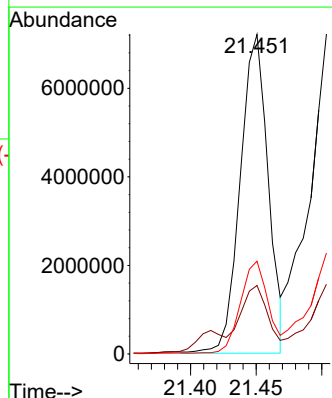
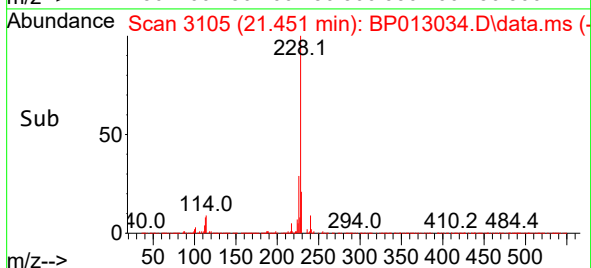
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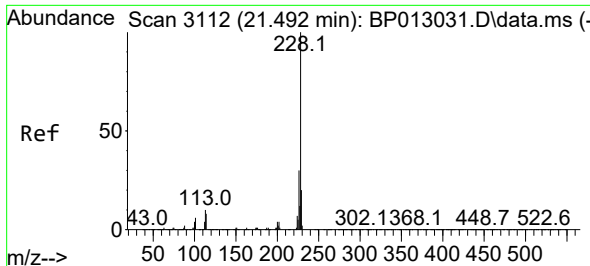


#85
Benzo(a)anthracene
Concen: 44.534 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP013034.D
Acq: 10 Dec 2022 11:55



Tgt Ion:228 Resp:10696538
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 29.1 22.0 33.0





#87

Chrysene

Concen: 53.897 ng/ul

RT: 21.504 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

Instrument :

BNA_P

ClientSampleId :

DBXK6ME

Tgt Ion:228 Resp:1224222

Ion Ratio Lower Upper

228 100

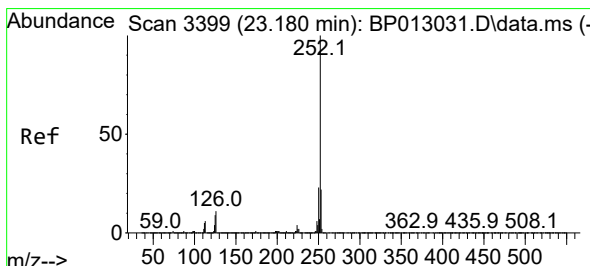
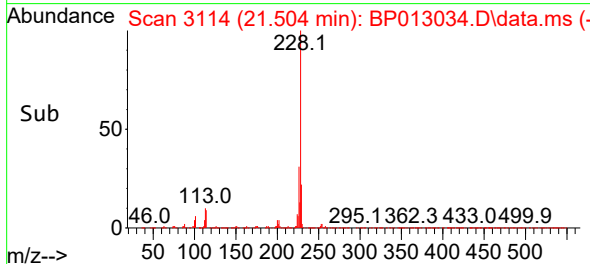
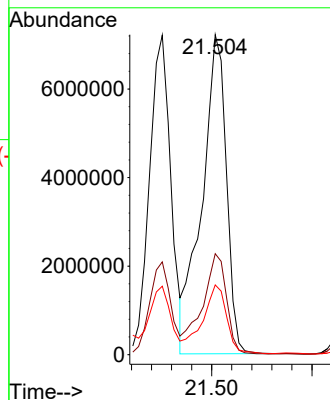
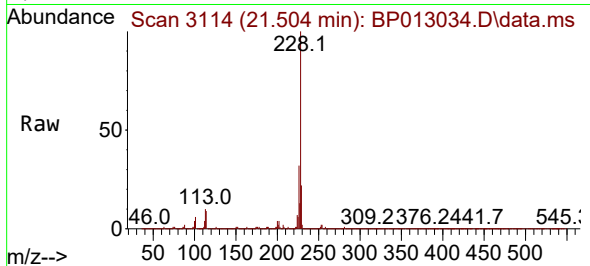
226 31.5 24.5 36.7

229 21.8 16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 12/12/2022



#90

Benzo(b)fluoranthene

Concen: 49.346 ng/ul

RT: 23.198 min Scan# 3402

Delta R.T. 0.012 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

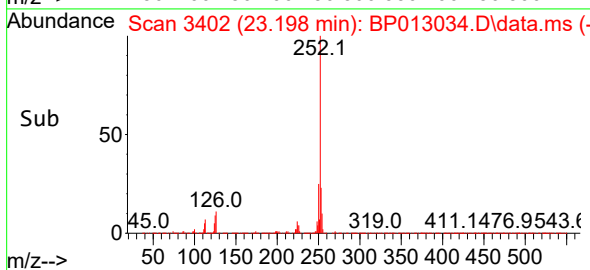
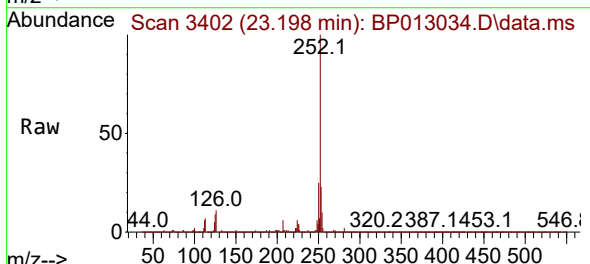
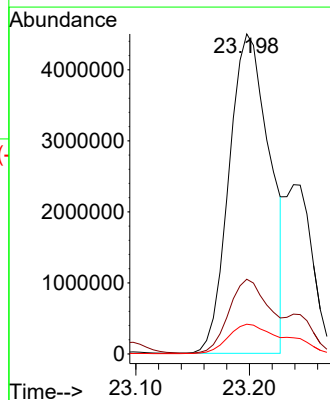
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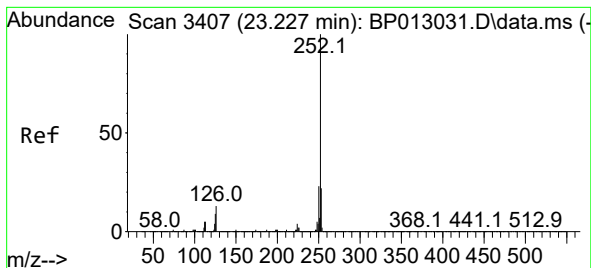
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.3 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 17.504 ng/ul m

RT: 23.239 min Scan# 3407

Delta R.T. 0.006 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

Instrument :

BNA_P

ClientSampleId :

DBXK6ME

Tgt Ion:252 Resp: 393951

Ion Ratio Lower Upper

252 100

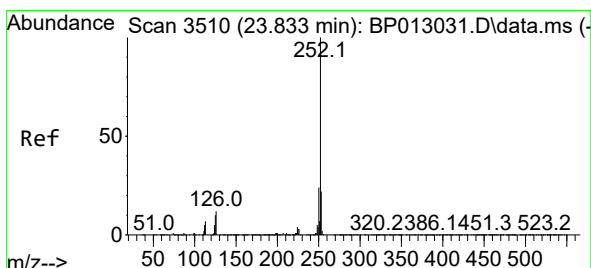
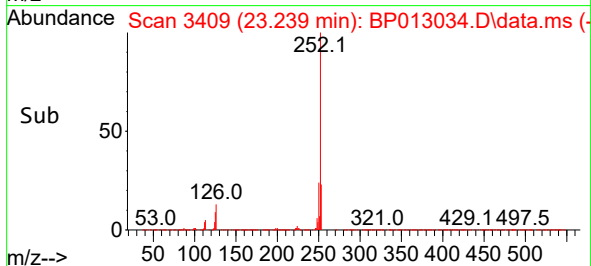
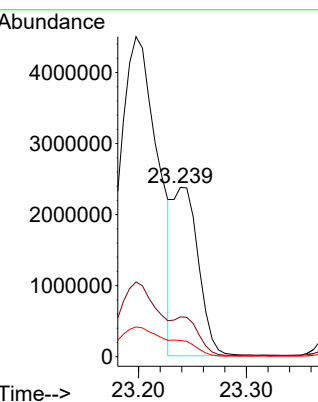
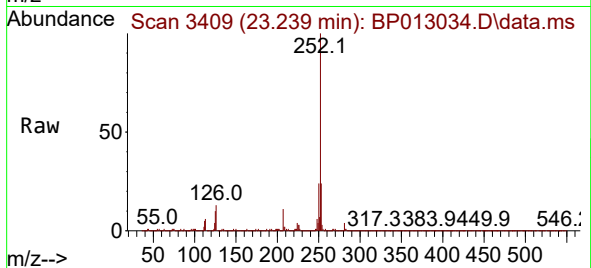
253 23.6 17.7 26.5

125 9.6 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#93

Benzo(a)pyrene

Concen: 23.088 ng/ul

RT: 23.851 min Scan# 3513

Delta R.T. 0.012 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

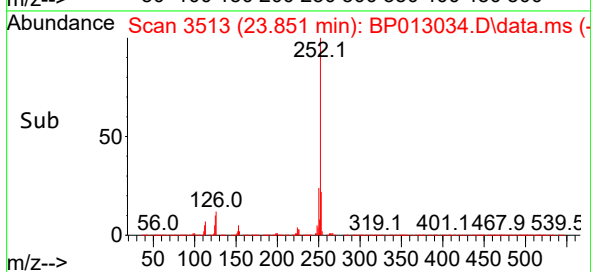
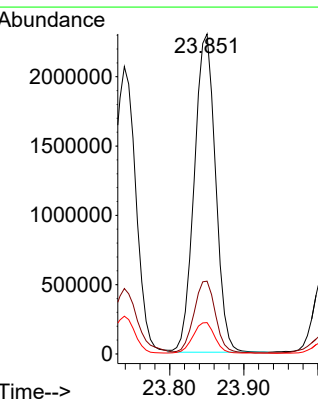
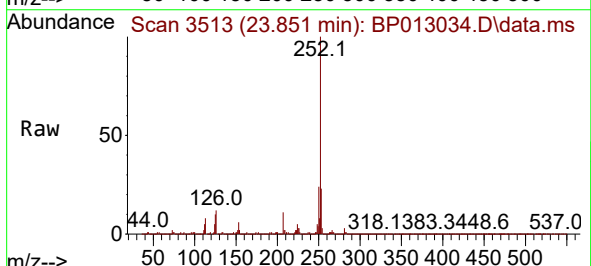
Tgt Ion:252 Resp: 4562673

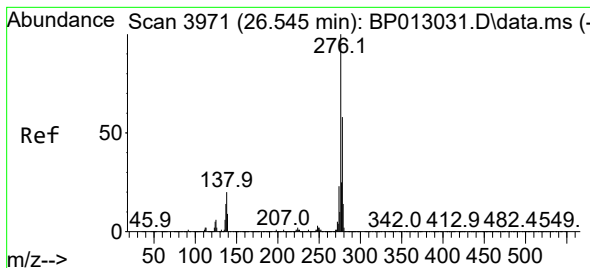
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.8 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.115 ng/ul

RT: 26.556 min Scan# 3973

Delta R.T. -0.000 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

Instrument :

BNA_P

ClientSampleId :

DBXK6ME

Tgt Ion:276 Resp: 224382

Ion Ratio Lower Upper

276 100

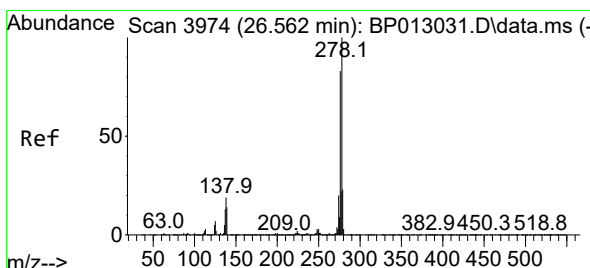
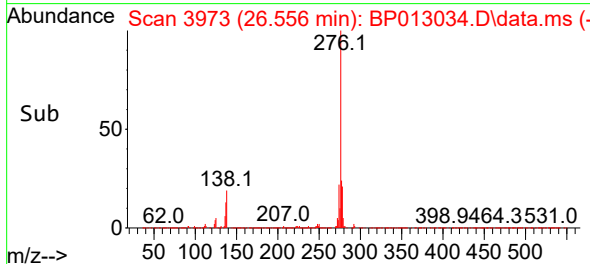
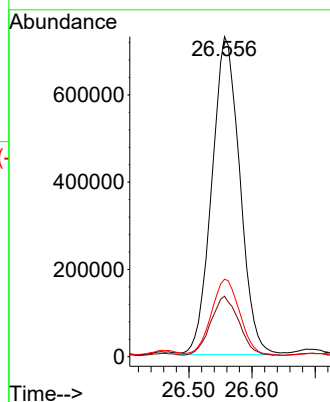
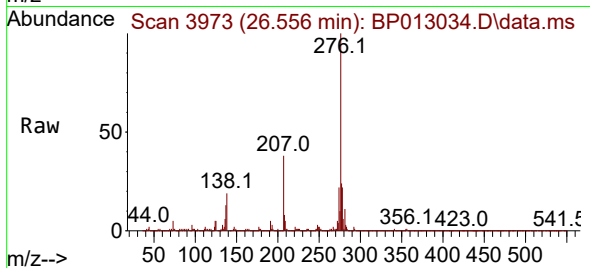
138 18.9 17.1 25.7

277 24.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#95

Dibenzo(a,h)anthracene

Concen: 2.950 ng/ul

RT: 26.568 min Scan# 3975

Delta R.T. -0.000 min

Lab File: BP013034.D

Acq: 10 Dec 2022 11:55

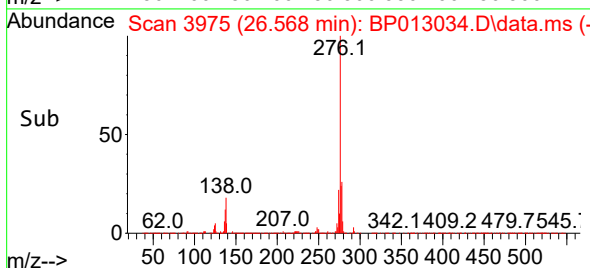
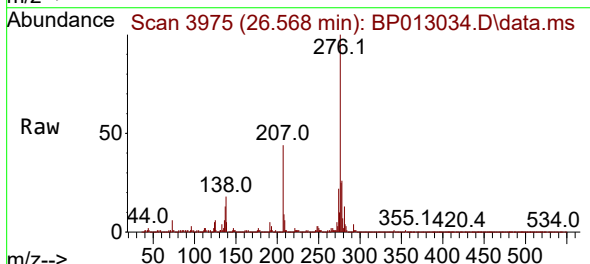
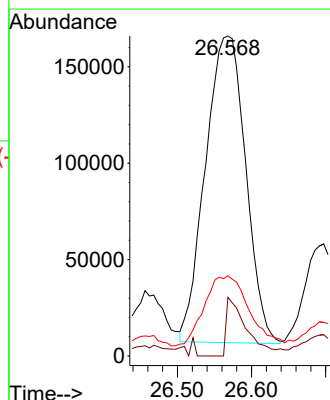
Tgt Ion:278 Resp: 601317

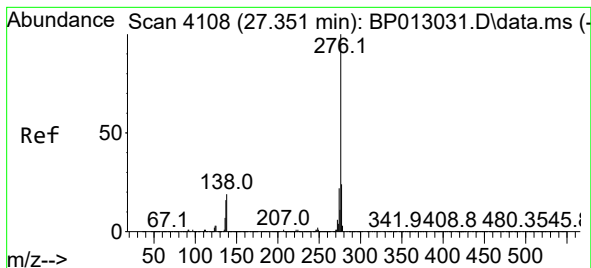
Ion Ratio Lower Upper

278 100

139 18.3 11.1 16.7#

279 25.1 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 7.634 ng/ul

RT: 27.368 min Scan# 41

Delta R.T. 0.017 min

Lab File: BP013034.D

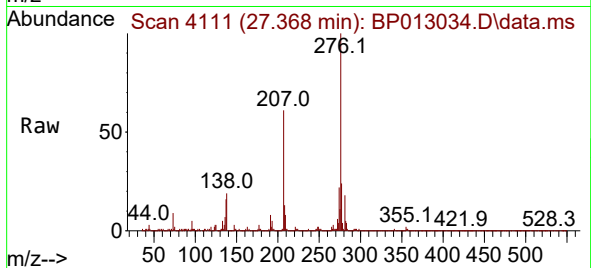
Acq: 10 Dec 2022 11:55

Instrument :

BNA_P

ClientSampleId :

DBXK6ME



Tgt Ion:276 Resp: 1508602

Ion Ratio Lower Upper

276 100

138 18.8 15.4 23.2

277 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022

Supervised By :mohammad ahmed 12/12/2022

