

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016322.D
 Acq On : 19 Jul 2023 13:39
 Operator : MA/JU
 Sample : 03501-06DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 05:36:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	97423	20.000	ng/ul	0.05
20) Naphthalene-d8	10.793	136	490306	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.604	164	335685	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.363	188	815194	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	869221	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	1015571	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	863	0.313	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.646	132	7575m	1.192	ng/ul	0.17
15) 4-Methylphenol-d8	8.963	113	11721m	1.653	ng/ul	0.28
21) Nitrobenzene-d5	9.334	128	6155m	1.820	ng/ul	0.20
24) 2-Nitrophenol-d4	10.087	143	4826m	1.252	ng/ul	0.22
28) 2,4-Dichlorophenol-d3	10.675	165	9613m	1.440	ng/ul	0.25
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.046	166	48404	1.890	ng/ul	0.04
49) Acenaphthylene-d8	14.310	160	31139	1.110	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.604	176	43698	2.039	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.469	188	57424	1.610	ng/ul	0.00
81) Pyrene-d10	19.698	212	19492	0.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	10020	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.963	105	34135m	2.920	ng/ul	
52) Acenaphthene	14.669	153	198974	9.128	ng/ul	97
56) Dibenzofuran	15.022	168	210043	7.074	ng/ul	96
61) Fluorene	15.663	166	475209	19.158	ng/ul	99
72) Phenanthrene	17.404	178	4089703	96.285	ng/ul	100
74) Anthracene	17.504	178	1335661m	31.294	ng/ul	
77) Carbazole	17.798	167	152418	3.917	ng/ul	98
80) Fluoranthene	19.375	202	4336445	82.218	ng/ul	95
82) Pyrene	19.728	202	715528	12.707	ng/ul	96
85) Benzo(a)anthracene	21.439	228	2099093	37.085	ng/ul	97
87) Chrysene	21.498	228	1425446	24.859	ng/ul	96
90) Benzo(b)fluoranthene	23.180	252	1468269	25.310	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	678368	11.491	ng/ul	98
93) Benzo(a)pyrene	23.833	252	118432	2.061	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	26.586	276	138708	1.949	ng/ul	95
95) Dibenzo(a,h)anthracene	26.574	278	201689	3.475	ng/ul#	86

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

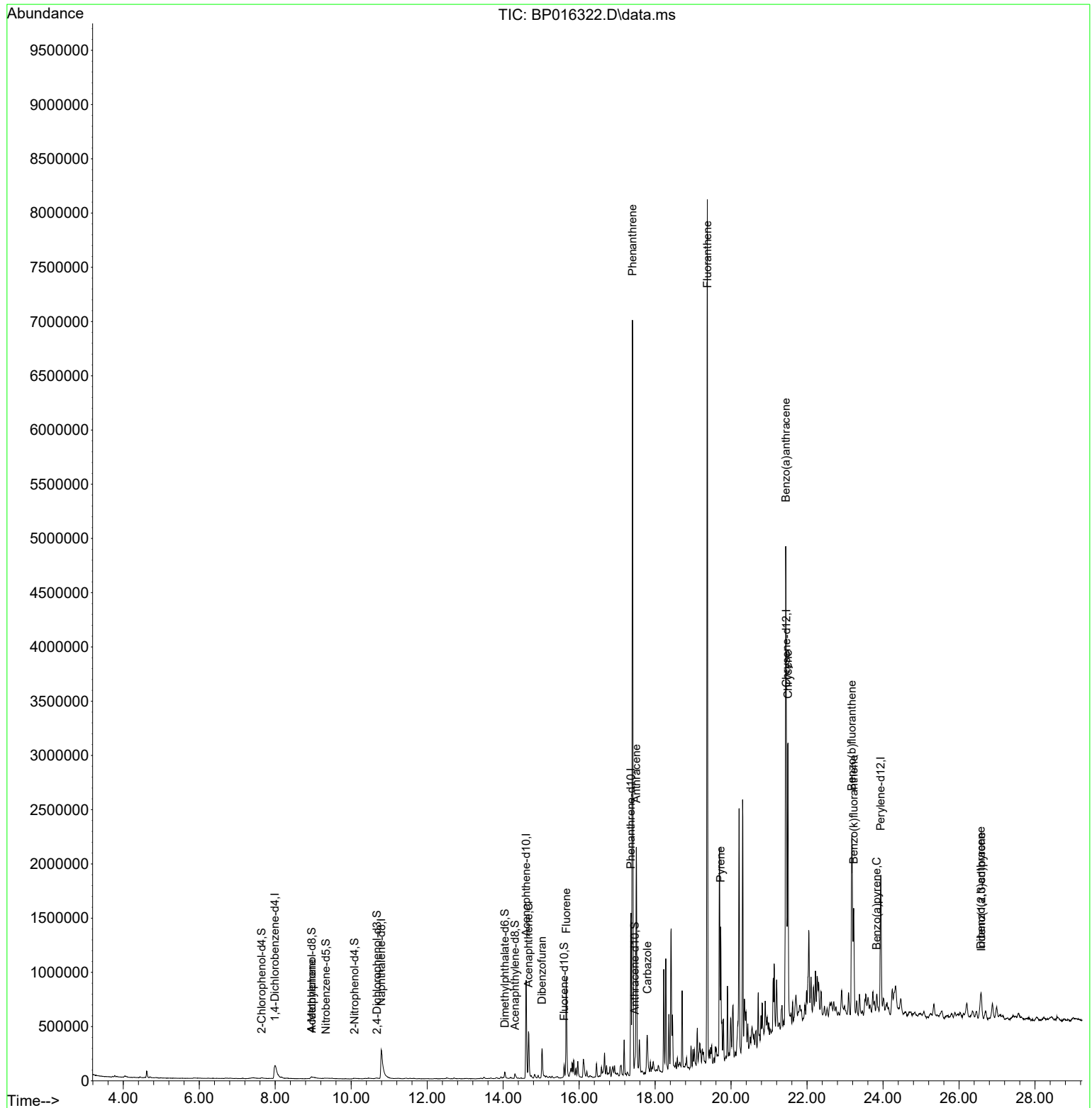
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016322.D
Acq On : 19 Jul 2023 13:39
Operator : MA/JU
Sample : 03501-06DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

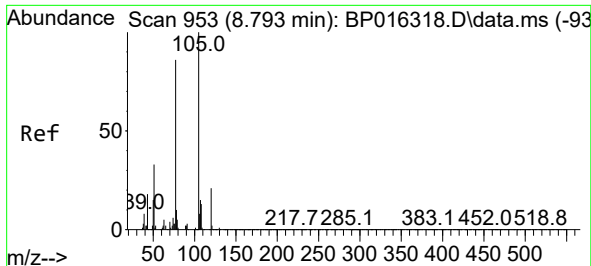
Instrument :
BNA_P
ClientSampleId :
A46W5DL

Quant Time: Jul 21 05:36:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

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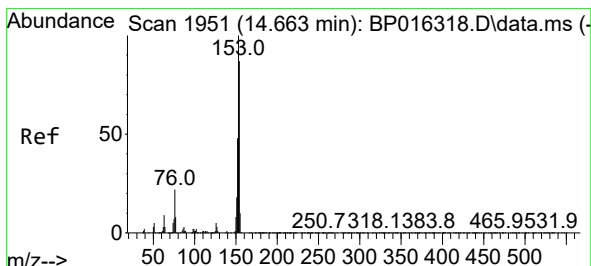
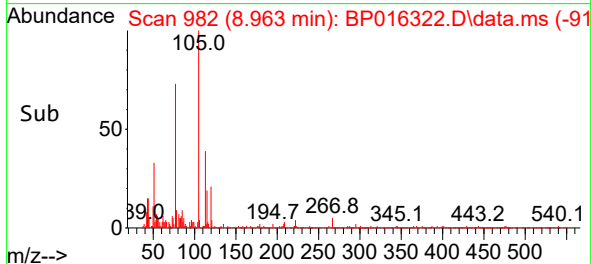
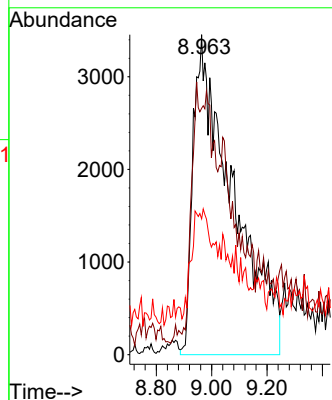
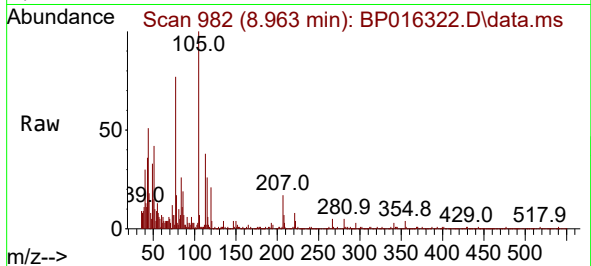
#16
Acetophenone
Concen: 2.920 ng/ul m
RT: 8.963 min Scan# 91
Delta R.T. 0.171 min
Lab File: BP016322.D
Acq: 19 Jul 2023 13:39

Instrument :
BNA_P
ClientSampleId :
A46W5DL

Tgt Ion:105 Resp: 3413
Ion Ratio Lower Upper
105 100
77 77.0 70.2 105.2
51 42.4 26.3 39.5

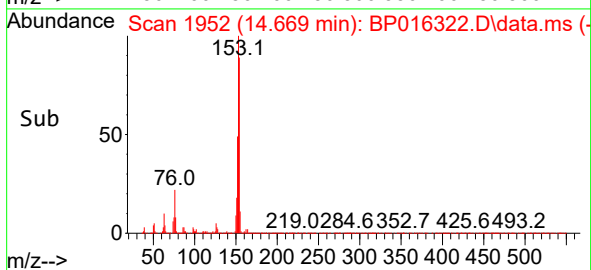
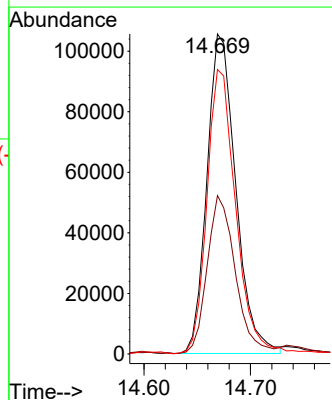
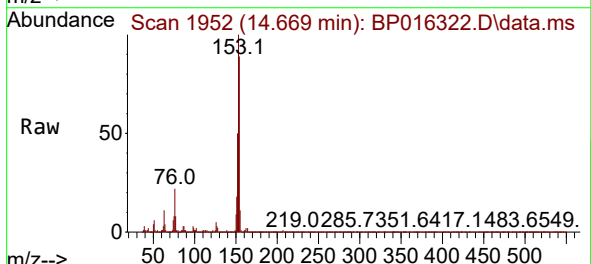
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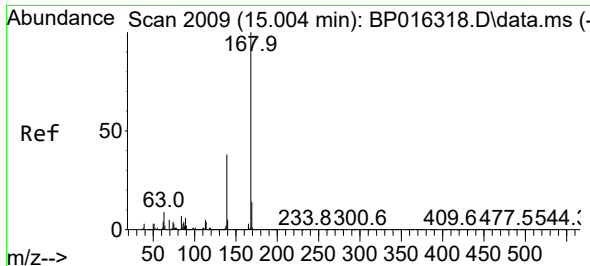
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#52
Acenaphthene
Concen: 9.128 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BP016322.D
Acq: 19 Jul 2023 13:39

Tgt Ion:153 Resp: 198974
Ion Ratio Lower Upper
153 100
152 49.5 37.9 56.9
154 88.9 69.3 103.9





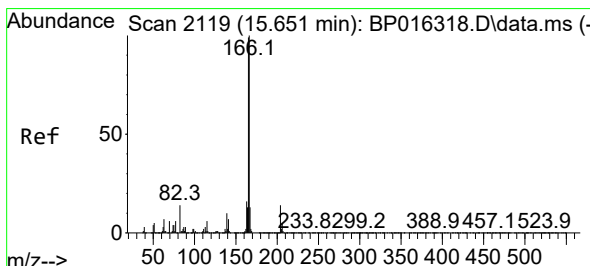
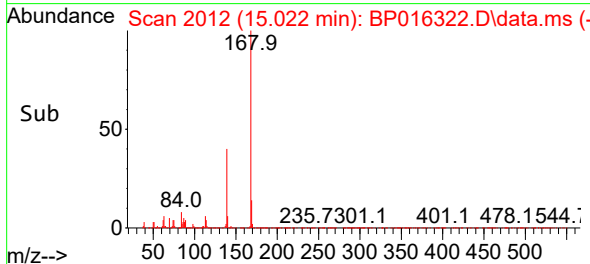
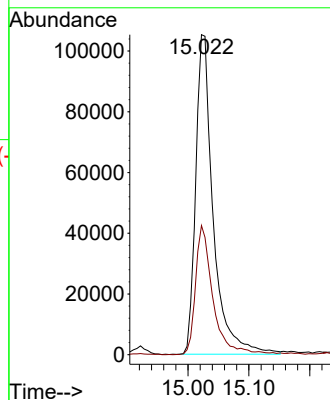
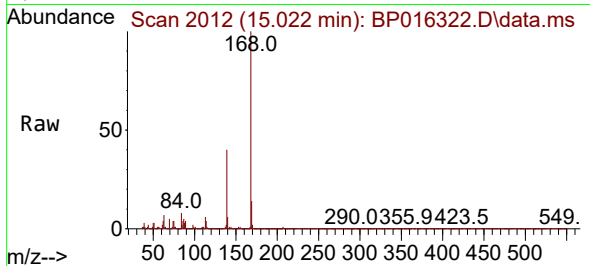
#56
Dibenzofuran
Concen: 7.074 ng/ul
RT: 15.022 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BP016322.D
Acq: 19 Jul 2023 13:39

Instrument :
BNA_P
ClientSampleId :
A46W5DL

Tgt Ion:168 Resp: 21004
Ion Ratio Lower Upper
168 100
139 40.4 30.6 45.8

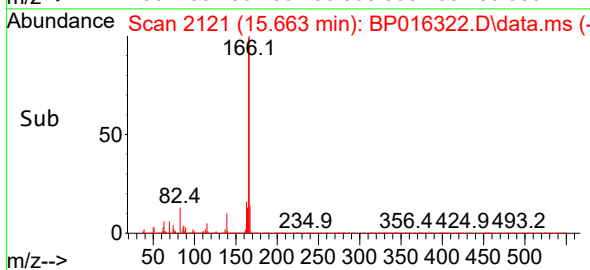
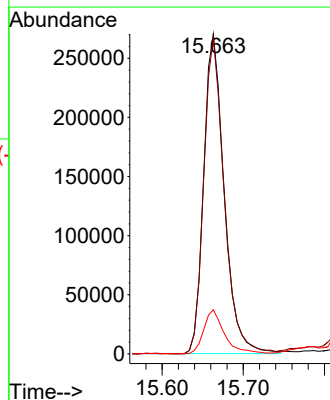
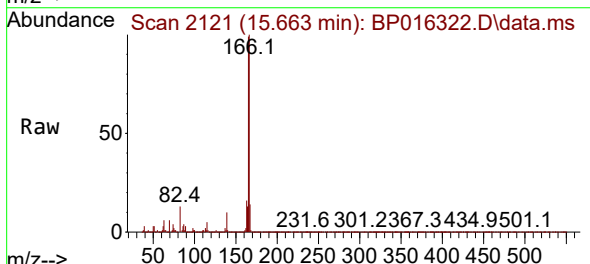
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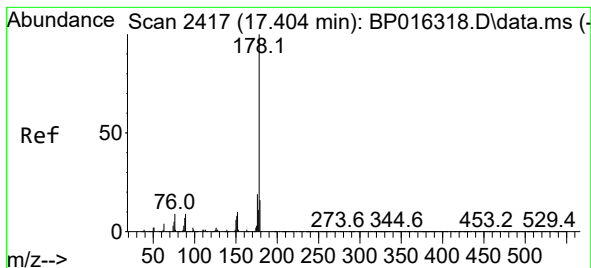
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#61
Fluorene
Concen: 19.158 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP016322.D
Acq: 19 Jul 2023 13:39

Tgt Ion:166 Resp: 475209
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.8 11.0 16.4





#72

Phenanthrene

Concen: 96.285 ng/ul

RT: 17.404 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Instrument :

BNA_P

ClientSampleId :

A46W5DL

Tgt Ion:178 Resp: 408970

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

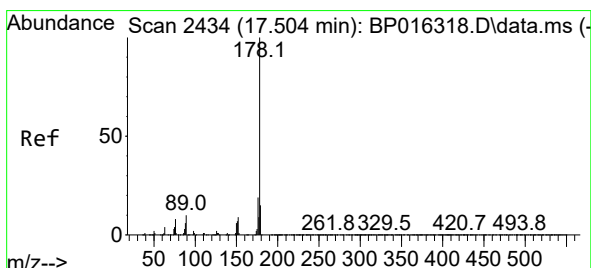
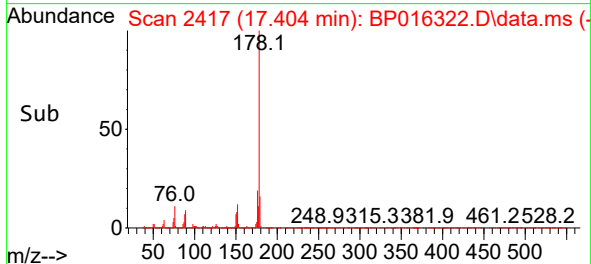
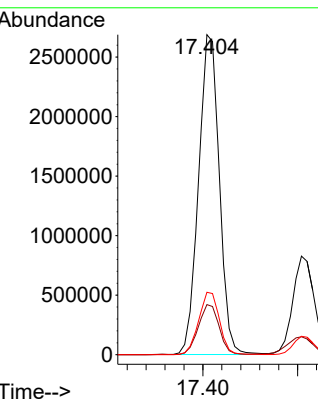
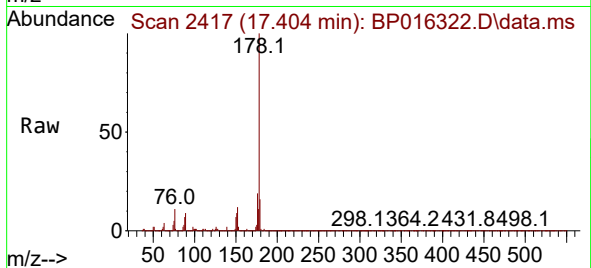
176 19.5 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#74

Anthracene

Concen: 31.294 ng/ul m

RT: 17.504 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

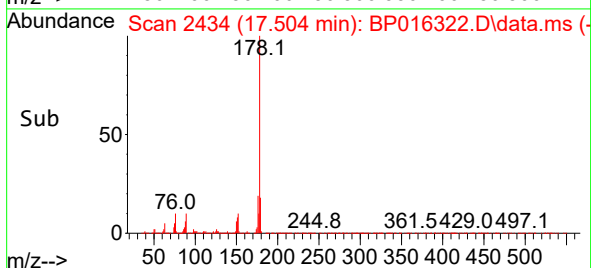
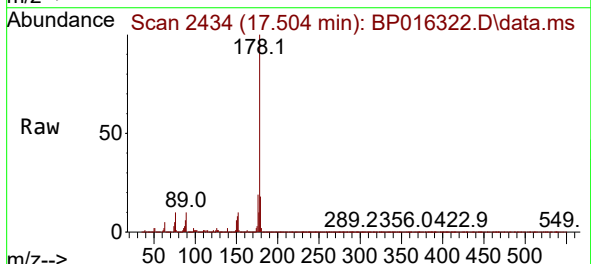
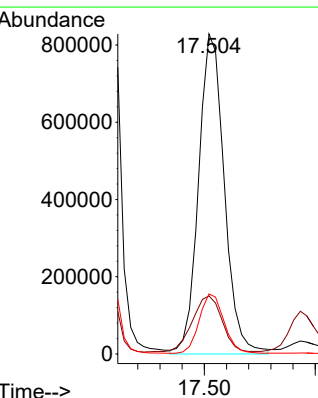
Tgt Ion:178 Resp: 1335661

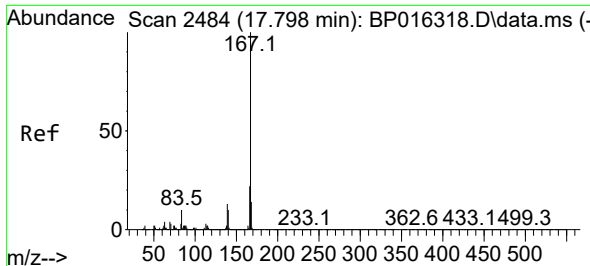
Ion Ratio Lower Upper

178 100

179 18.1 11.9 17.9#

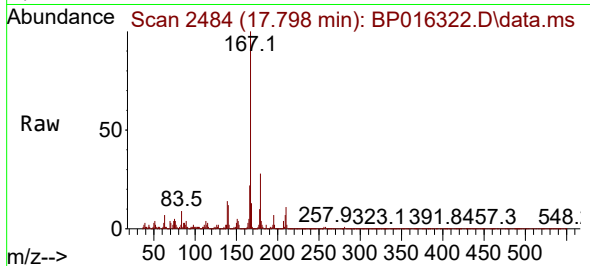
176 18.7 15.0 22.4





#77
 Carbazole
 Concen: 3.917 ng/ul
 RT: 17.798 min Scan# 2484
 Delta R.T. 0.000 min
 Lab File: BP016322.D
 Acq: 19 Jul 2023 13:39

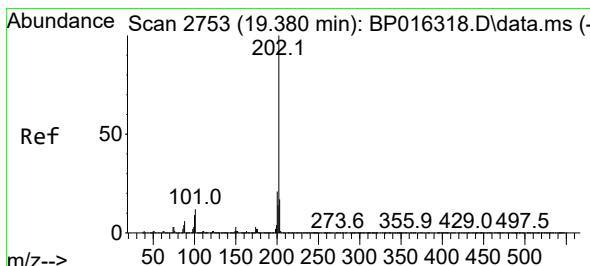
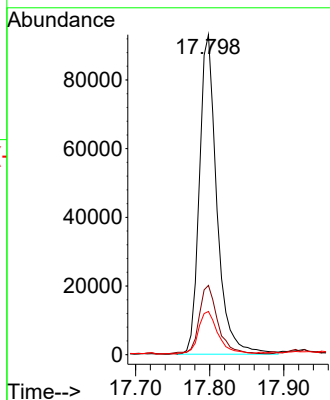
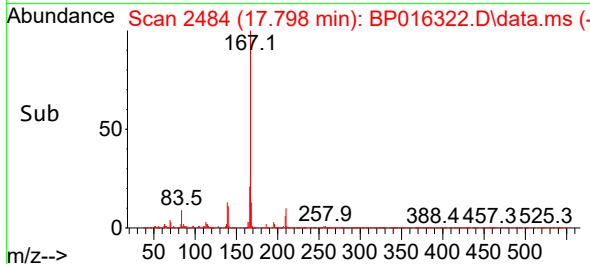
Instrument :
 BNA_P
 ClientSampleId :
 A46W5DL



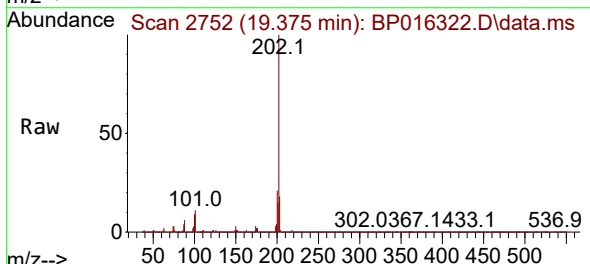
Tgt Ion:167 Resp: 152418
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 13.5 10.2 15.4

Manual Integrations
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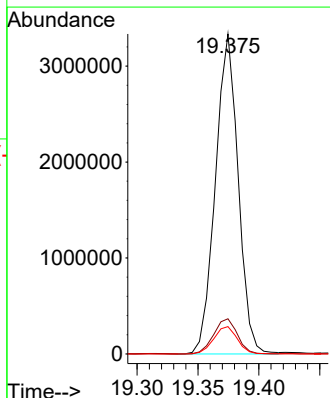
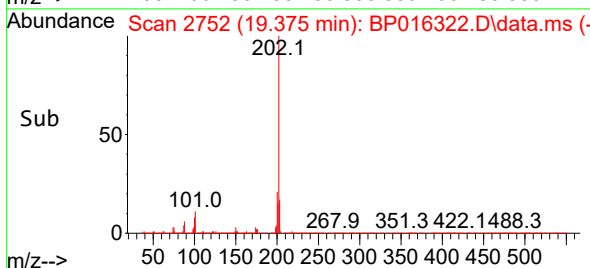
Reviewed By :Yogesh Patel 07/21/2023
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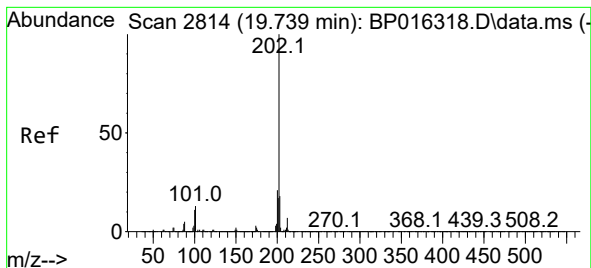


#80
 Fluoranthene
 Concen: 82.218 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP016322.D
 Acq: 19 Jul 2023 13:39



Tgt Ion:202 Resp: 4336445
 Ion Ratio Lower Upper
 202 100
 101 11.0 10.4 15.6
 100 8.5 8.2 12.4





#82

Pyrene

Concen: 12.707 ng/ul

RT: 19.728 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Instrument :

BNA_P

ClientSampleId :

A46W5DL

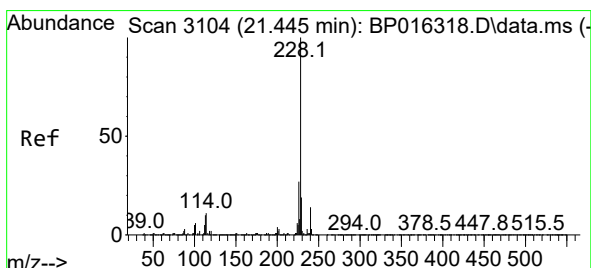
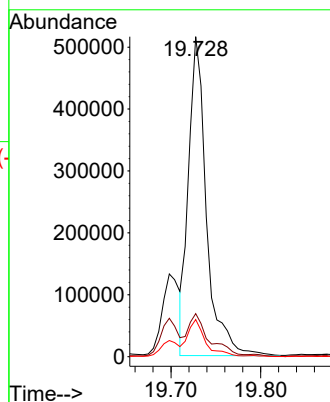
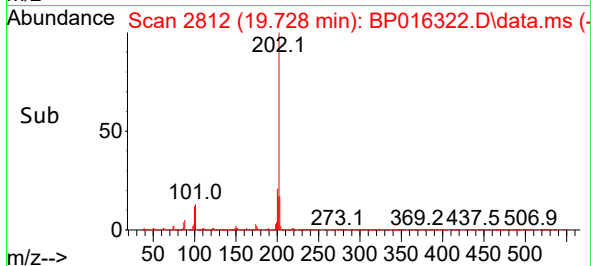
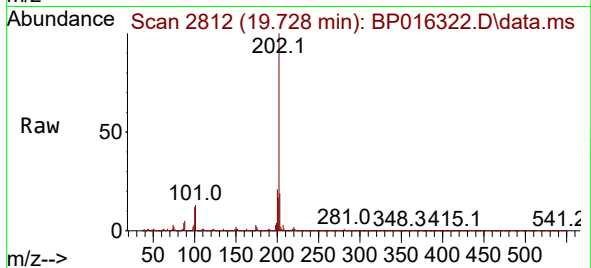
Tgt Ion:	202	Resp:	715528
Ion Ratio	Lower	Upper	
202	100		
101	13.5	12.4	18.6
100	11.6	10.5	15.7

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 37.085 ng/ul

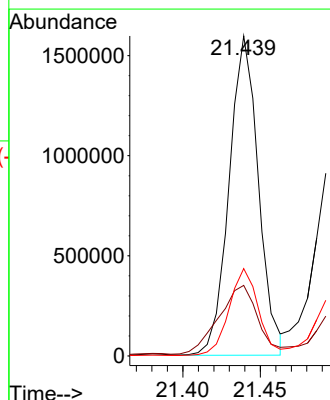
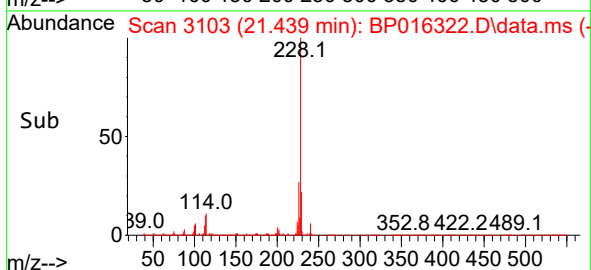
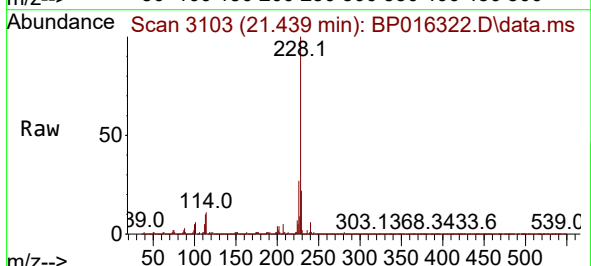
RT: 21.439 min Scan# 3103

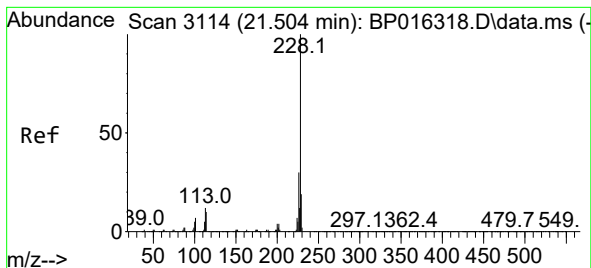
Delta R.T. -0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Tgt Ion:	228	Resp:	2099093
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.5	23.3
226	27.3	21.5	32.3





#87

Chrysene

Concen: 24.859 ng/ul

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Instrument :

BNA_P

ClientSampleId :

A46W5DL

Tgt Ion:228 Resp: 1425440

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

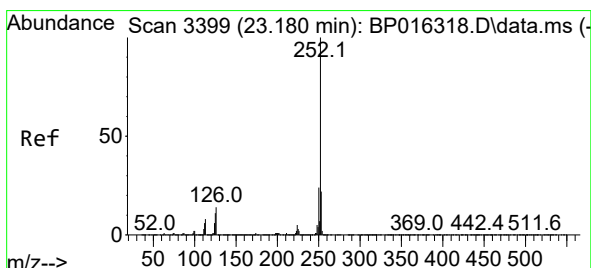
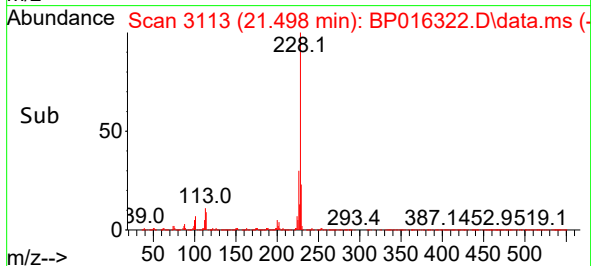
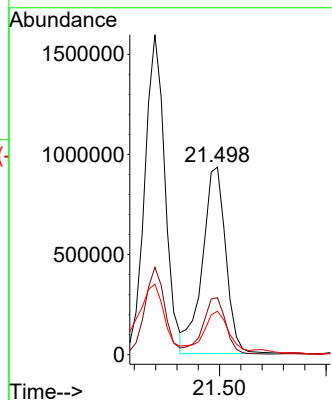
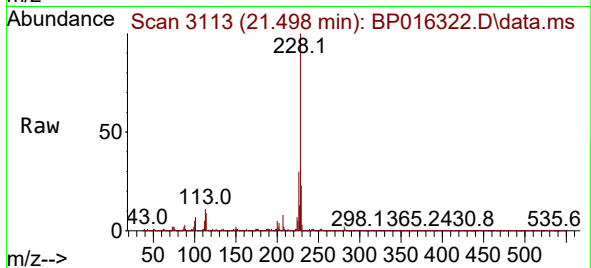
229 23.2 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/21/2023



#90

Benzo(b)fluoranthene

Concen: 25.310 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

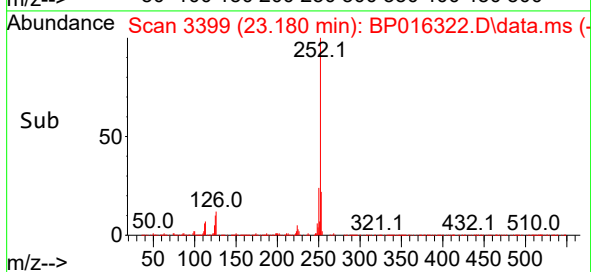
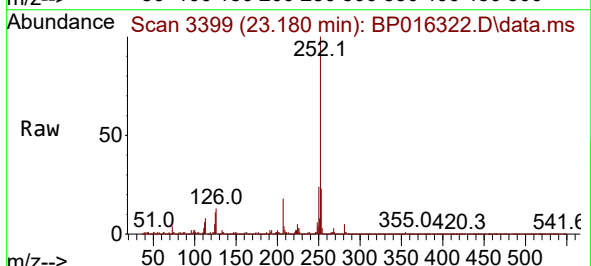
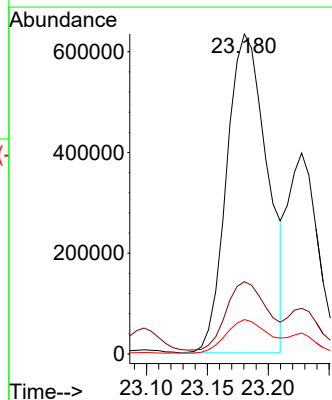
Tgt Ion:252 Resp: 1468269

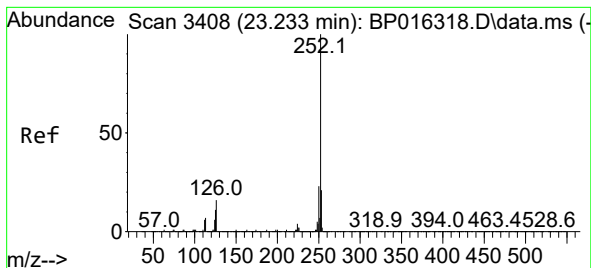
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 10.8 9.4 14.0





#91

Benzo(k)fluoranthene

Concen: 11.491 ng/ul

RT: 23.227 min Scan# 3408

Delta R.T. -0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Instrument :

BNA_P

ClientSampleId :

A46W5DL

Tgt Ion:252 Resp: 67836

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

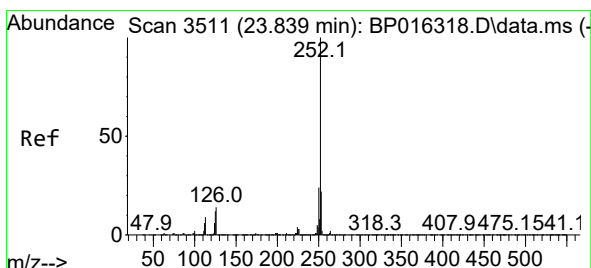
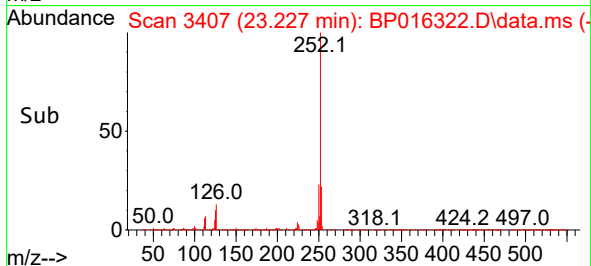
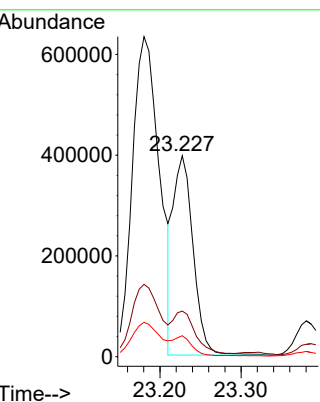
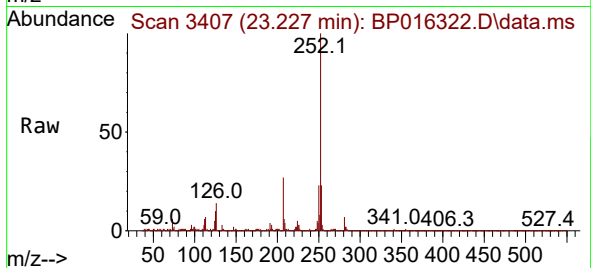
125 10.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#93

Benzo(a)pyrene

Concen: 2.061 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

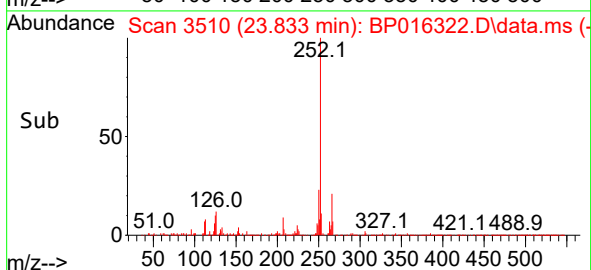
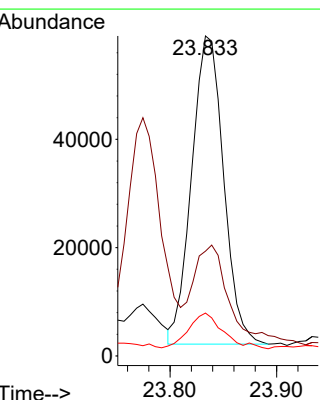
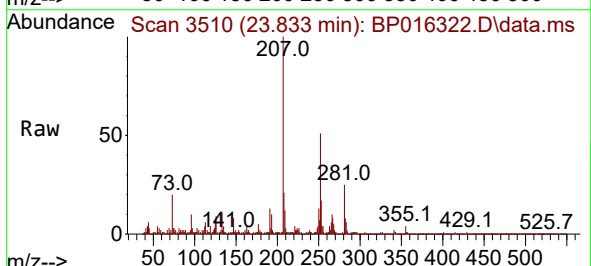
Tgt Ion:252 Resp: 118432

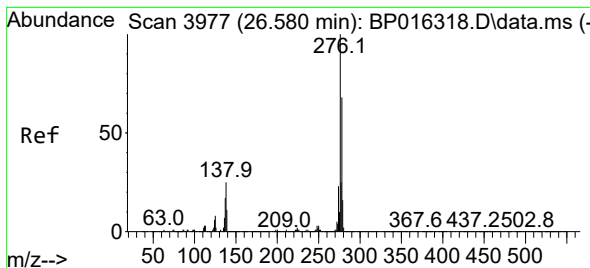
Ion Ratio Lower Upper

252 100

253 32.7 17.2 25.8

125 13.4 9.8 14.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.949 ng/ul

RT: 26.586 min Scan# 3977

Delta R.T. 0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Instrument :

BNA_P

ClientSampleId :

A46W5DL

Tgt Ion:276 Resp: 138708

Ion Ratio Lower Upper

276 100

138 28.1 20.8 31.2

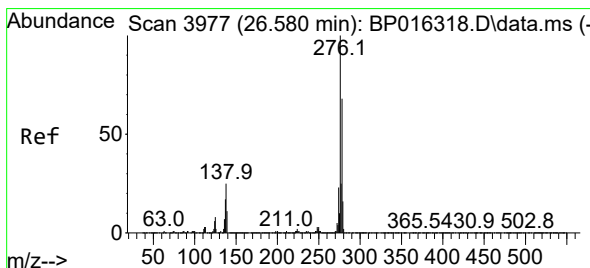
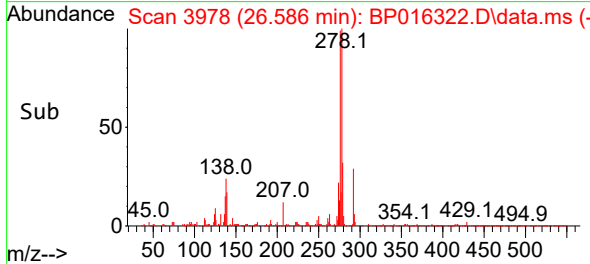
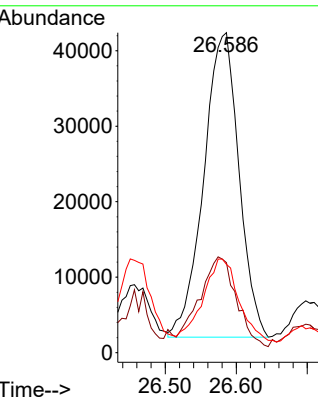
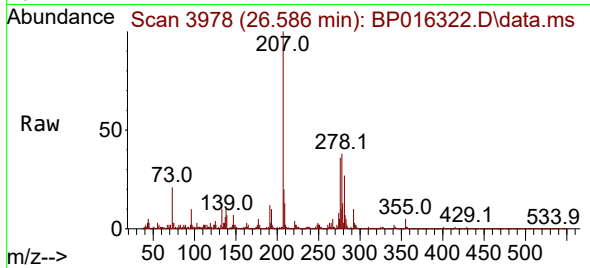
277 27.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#95

Dibenzo(a,h)anthracene

Concen: 3.475 ng/ul

RT: 26.574 min Scan# 3976

Delta R.T. -0.006 min

Lab File: BP016322.D

Acq: 19 Jul 2023 13:39

Tgt Ion:278 Resp: 201689

Ion Ratio Lower Upper

278 100

139 16.2 13.9 20.9

279 33.4 18.2 27.4#

