

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018938.D
 Acq On : 19 Dec 2023 09:27
 Operator : MA/JU
 Sample : 05626-12DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF8DL

Quant Time: Dec 19 22:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	231762	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	806670	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	504435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	957343	20.000	ng/u1	0.02
79) Chrysene-d12	21.322	240	1033323	20.000	ng/u1	# 0.00
88) Perylene-d12	23.680	264	1360632	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	2213	0.325	ng/uL	0.00
4) Pyridine-d5	3.687	84	22136	1.215	ng/u1	0.00
7) Phenol-d5	7.011	99	47845	2.057	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	25439	1.845	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	37595	2.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	36586	1.944	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	20035	2.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.711	143	16736	2.248	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	36310	2.386	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.887	166	120216	2.670	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	119149	2.403	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.463	176	105588	2.794	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.357	188	138729	2.756	ng/u1	0.04
81) Pyrene-d10	19.569	212	182560	2.270	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.527	264	208287	2.625	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.693	128	22835898m	466.652	ng/u1	
36) 2-Methylnaphthalene	12.310	142	13001378	375.025	ng/u1	99
37) 1-Methylnaphthalene	12.522	142	7062350	201.720	ng/u1	99
50) Acenaphthylene	14.187	152	814248	14.609	ng/u1#	88
52) Acenaphthene	14.563	153	20411683	553.869	ng/u1	98
61) Fluorene	15.551	166	23898940	589.674	ng/u1	98
72) Phenanthrene	17.275	178	44573855m	770.919	ng/u1	
74) Anthracene	17.387	178	29014207m	500.622	ng/u1	
80) Fluoranthene	19.239	202	31826186m	334.735	ng/u1	
82) Pyrene	19.598	202	26586898m	277.186	ng/u1	
85) Benzo(a)anthracene	21.310	228	12581914	150.011	ng/u1	96
87) Chrysene	21.363	228	11129793m	144.097	ng/u1	
90) Benzo(b)fluoranthene	22.969	252	7752472	77.277	ng/u1	96
91) Benzo(k)fluoranthene	23.010	252	2563786m	26.413	ng/u1	
93) Benzo(a)pyrene	23.580	252	4199518m	45.813	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.139	276	1494093	13.642	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.151	278	410583	4.507	ng/u1	94
96) Benzo(g,h,i)perylene	26.898	276	594338	6.743	ng/u1	95

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

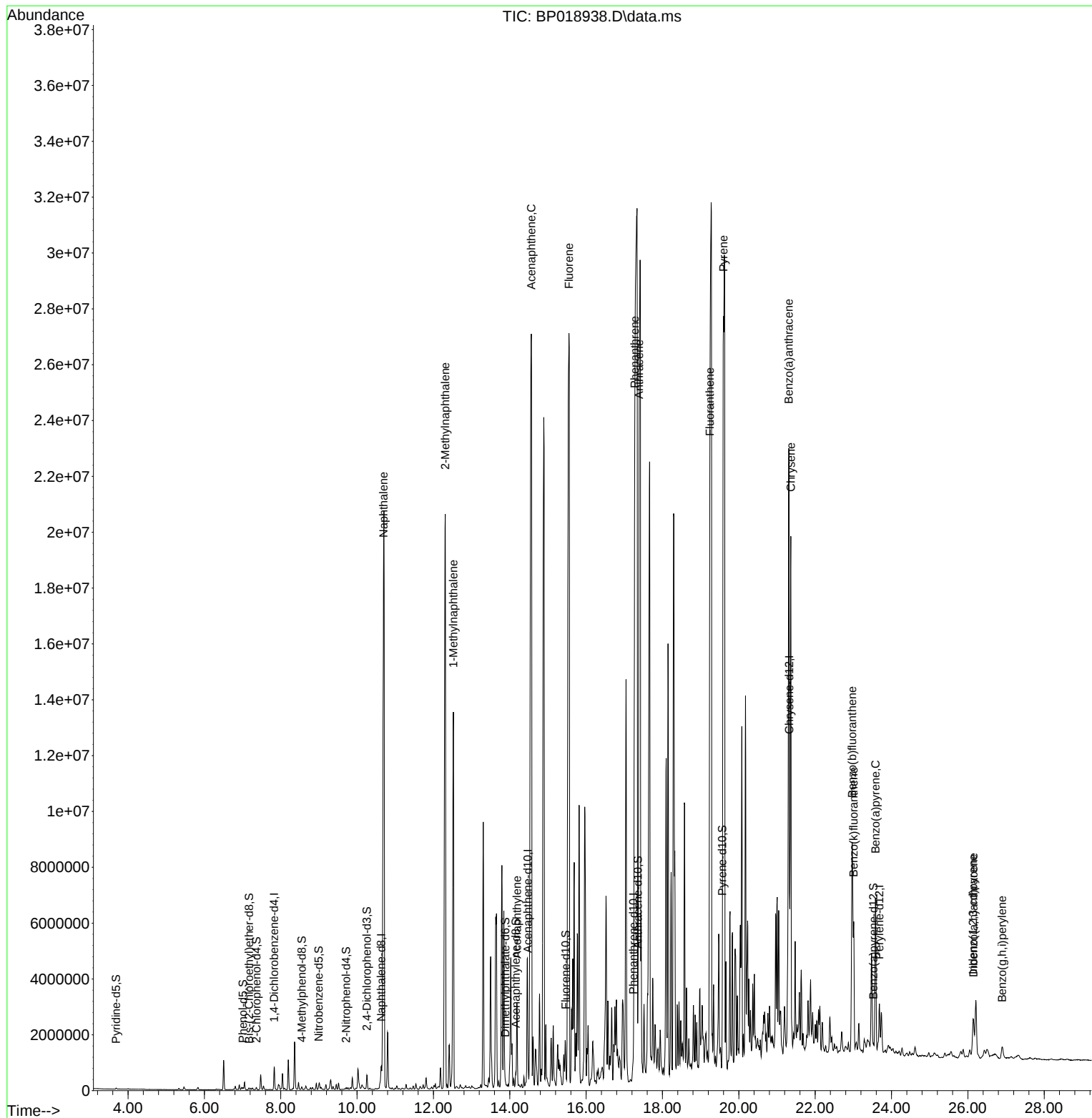
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018938.D
 Acq On : 19 Dec 2023 09:27
 Operator : MA/JU
 Sample : 05626-12DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

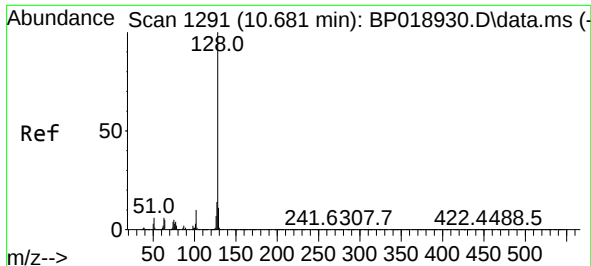
Instrument :
 BNA_P
 ClientSampleId :
 DCLF8DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

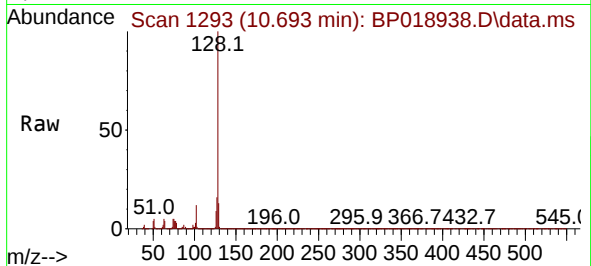
Quant Time: Dec 19 22:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration





#30
Naphthalene
Concen: 466.652 ng/ul m
RT: 10.693 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

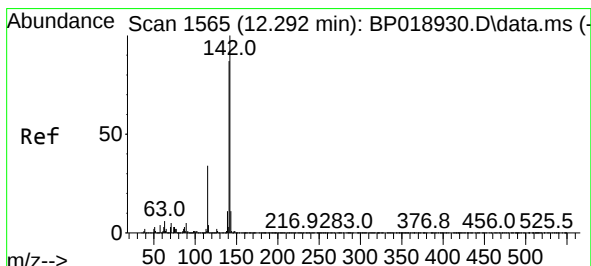
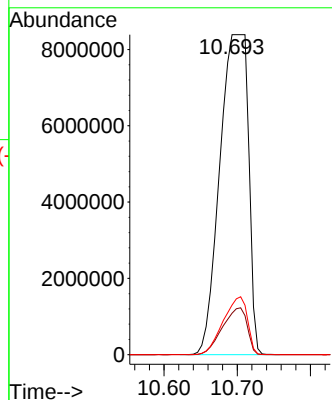
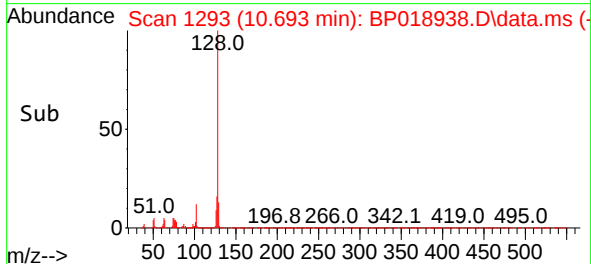
Instrument :
BNA_P
ClientSampleId :
DCLF8DL



Tgt Ion:128 Resp:2283589
Ion Ratio Lower Upper
128 100
129 12.9 8.9 13.3
127 15.5 10.5 15.7

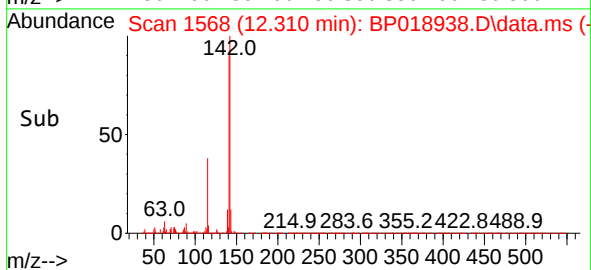
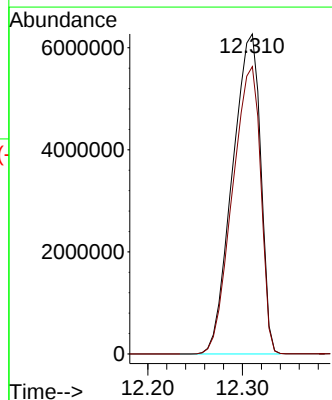
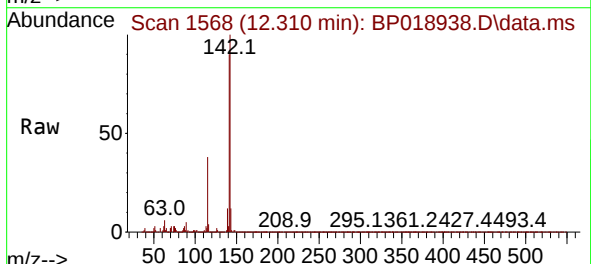
Manual Integrations
APPROVED

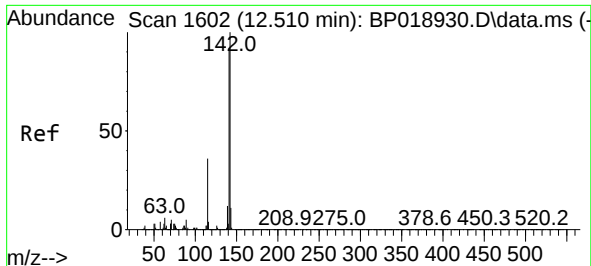
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#36
2-Methylnaphthalene
Concen: 375.025 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. 0.018 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

Tgt Ion:142 Resp:13001378
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0





#37

1-Methylnaphthalene

Concen: 201.720 ng/ul

RT: 12.522 min Scan# 1604

Delta R.T. 0.012 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

DCLF8DL

Tgt Ion:142 Resp: 7062350

Ion Ratio Lower Upper

142 100

141 93.0 73.5 110.3

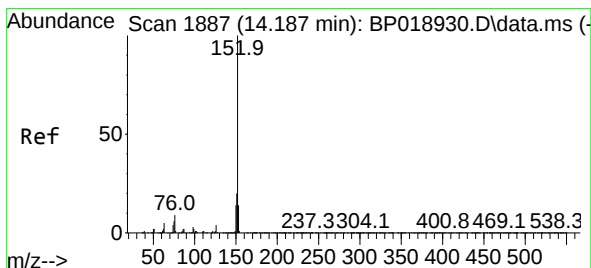
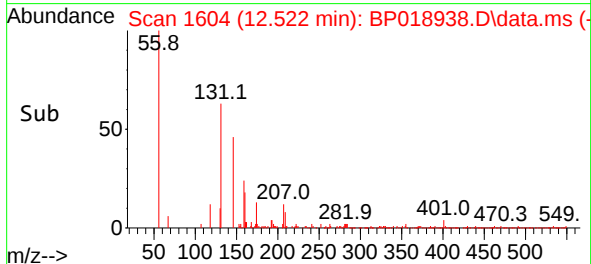
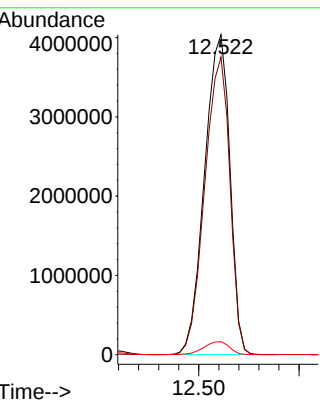
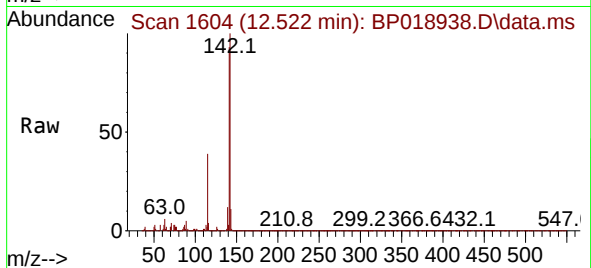
116 4.1 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#50

Acenaphthylene

Concen: 14.609 ng/ul

RT: 14.187 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

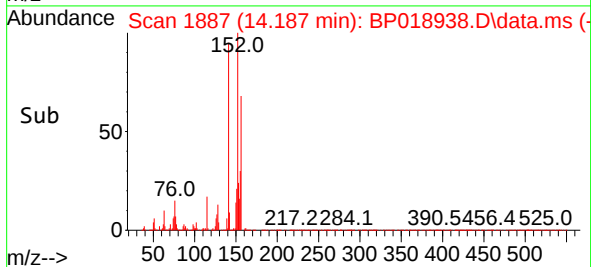
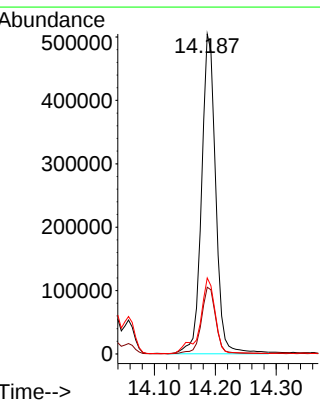
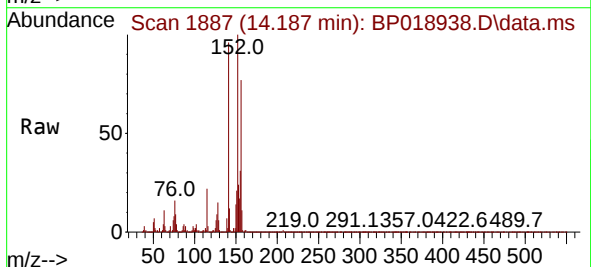
Tgt Ion:152 Resp: 814248

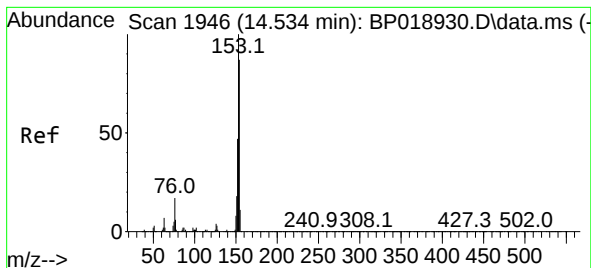
Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

153 23.8 10.6 16.0#





#52

Acenaphthene

Concen: 553.869 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.030 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

DCLF8DL

Tgt Ion:153 Resp:2041168

Ion Ratio Lower Upper

153 100

152 49.8 38.1 57.1

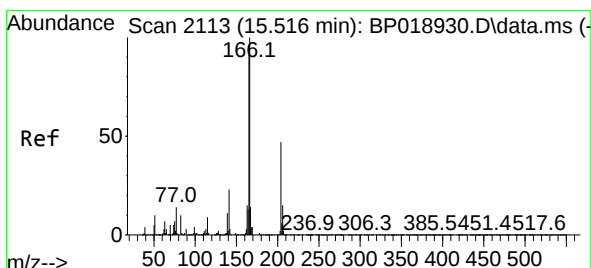
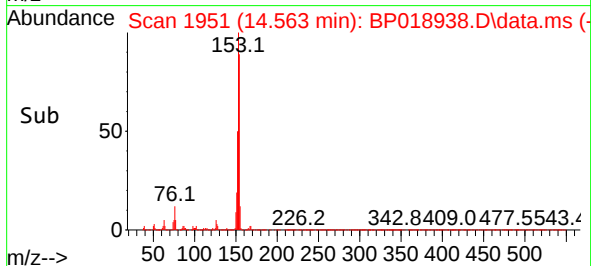
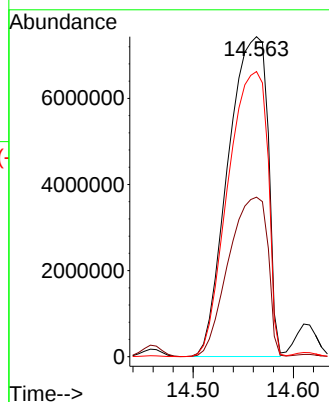
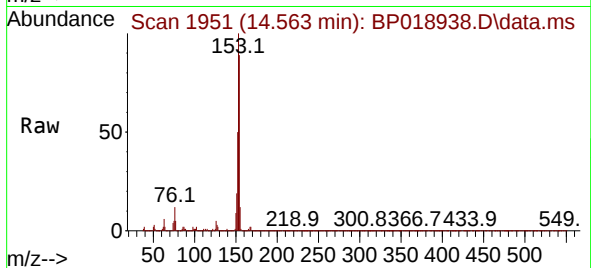
154 89.1 71.7 107.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#61

Fluorene

Concen: 589.674 ng/ul

RT: 15.551 min Scan# 2119

Delta R.T. 0.036 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

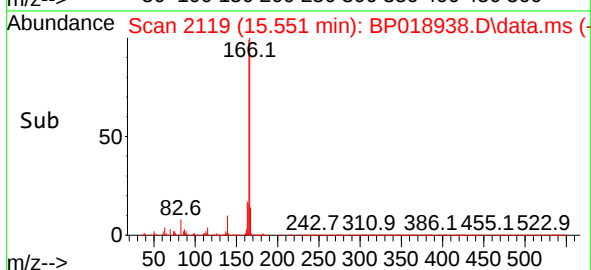
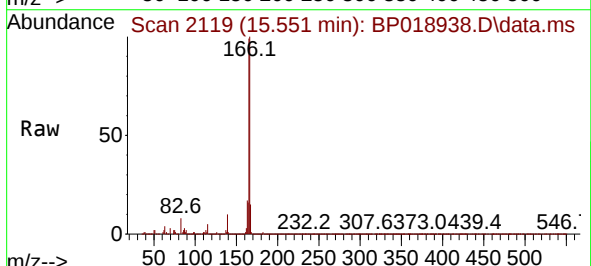
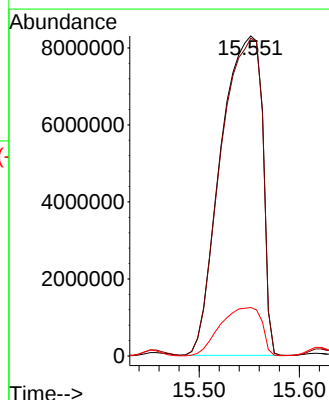
Tgt Ion:166 Resp:23898940

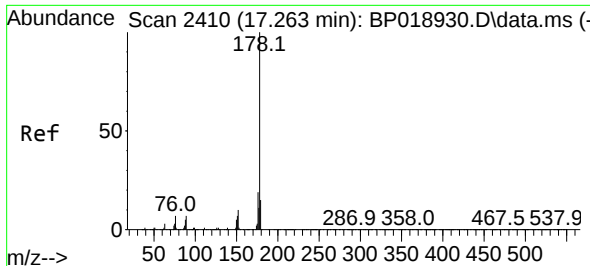
Ion Ratio Lower Upper

166 100

165 99.3 78.0 117.0

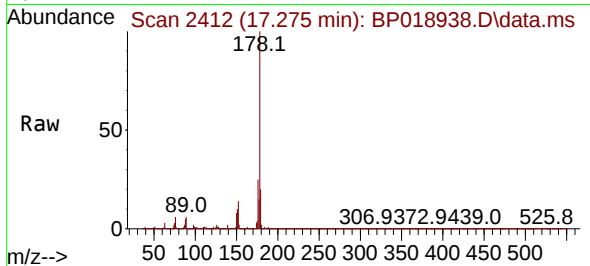
167 15.2 10.8 16.2





#72
Phenanthrene
Concen: 770.919 ng/ul m
RT: 17.275 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

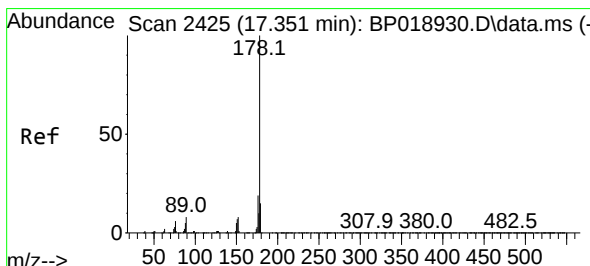
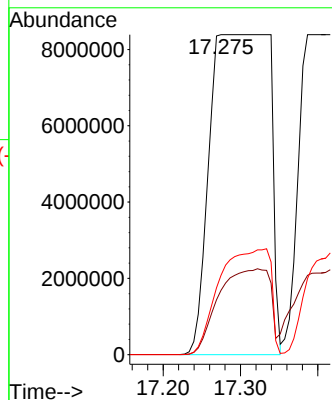
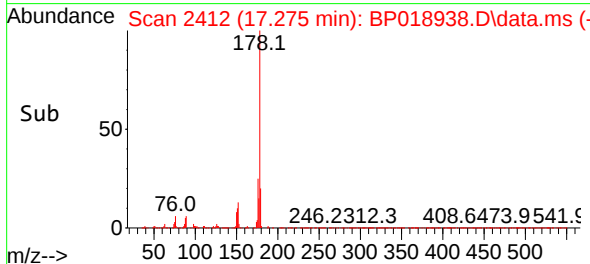
Instrument :
BNA_P
ClientSampleId :
DCLF8DL



Tgt Ion:178 Resp:4457385
Ion Ratio Lower Upper
178 100
179 20.1 12.3 18.5
176 24.8 15.4 23.2

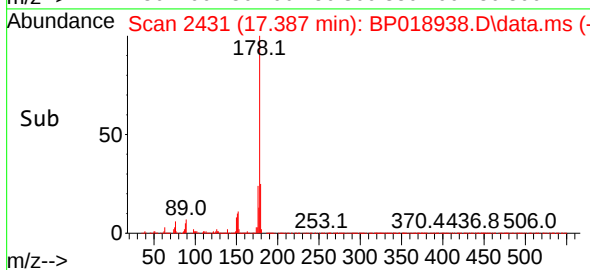
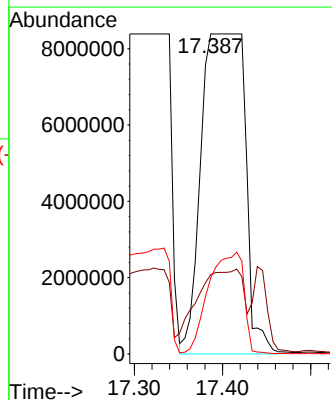
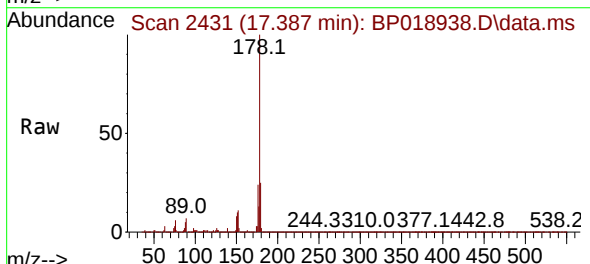
Manual Integrations
APPROVED

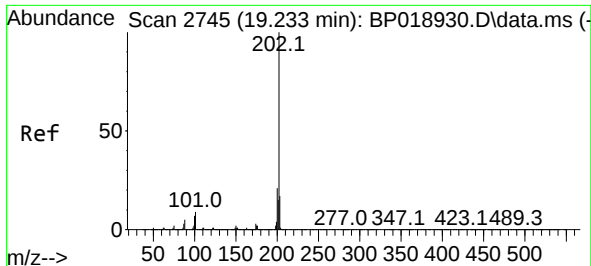
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#74
Anthracene
Concen: 500.622 ng/ul m
RT: 17.387 min Scan# 2431
Delta R.T. 0.036 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

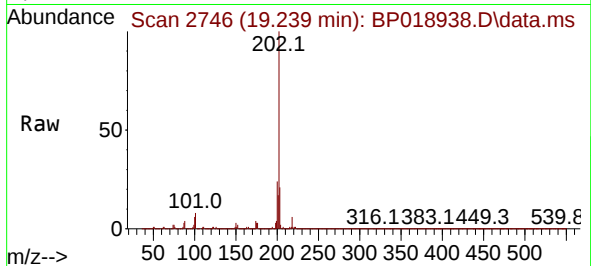
Tgt Ion:178 Resp:29014207
Ion Ratio Lower Upper
178 100
179 24.8 12.5 18.7#
176 23.8 15.0 22.6#





#80
Fluoranthene
Concen: 334.735 ng/ul m
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

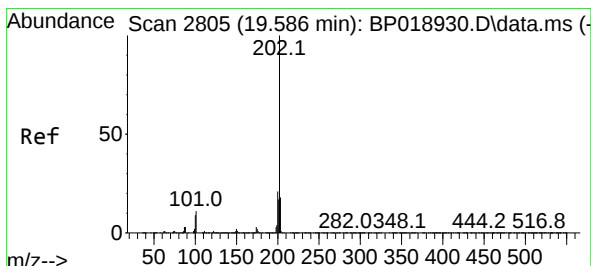
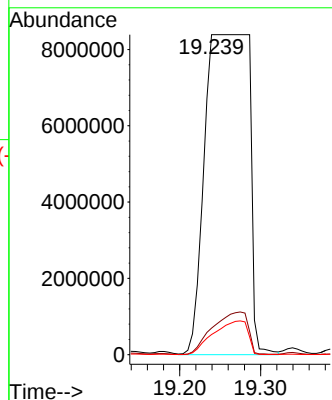
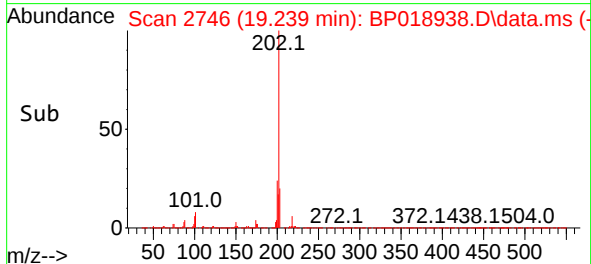
Instrument :
BNA_P
ClientSampleId :
DCLF8DL



Tgt Ion:202 Resp:31826180
Ion Ratio Lower Upper
202 100
101 8.3 9.1 13.7
100 6.3 7.1 10.7

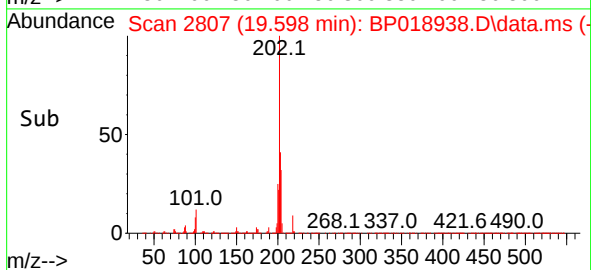
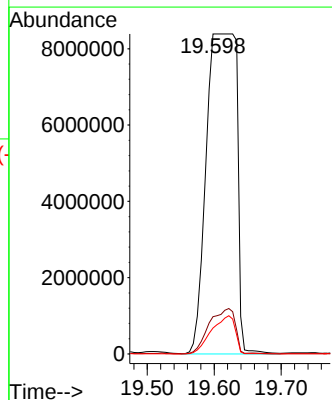
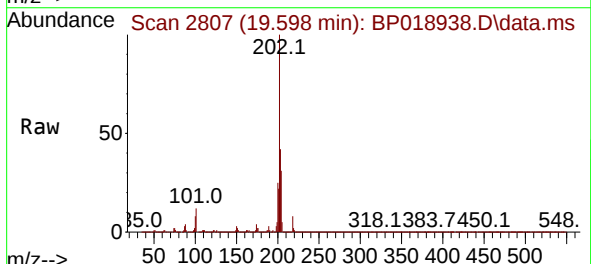
Manual Integrations
APPROVED

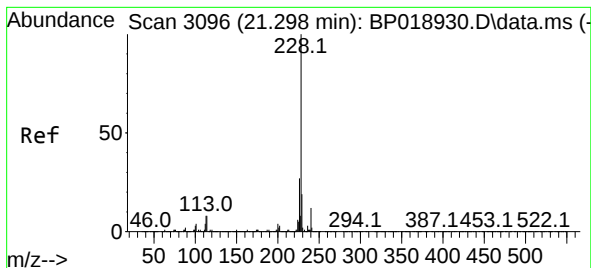
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#82
Pyrene
Concen: 277.186 ng/ul m
RT: 19.598 min Scan# 2807
Delta R.T. 0.012 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

Tgt Ion:202 Resp:26586898
Ion Ratio Lower Upper
202 100
101 11.6 11.0 16.4
100 8.1 9.1 13.7





#85

Benzo(a)anthracene

Concen: 150.011 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.012 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

DCLF8DL

Tgt Ion:228 Resp:12581914

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

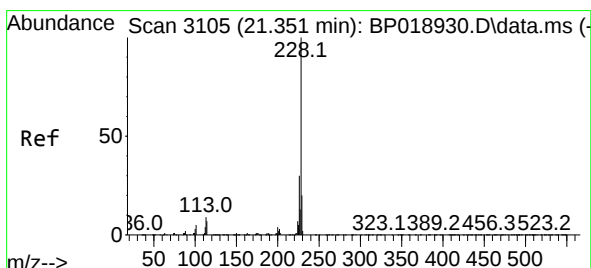
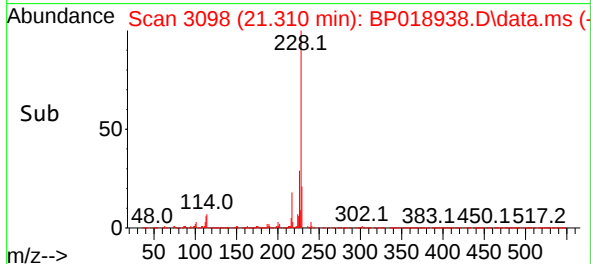
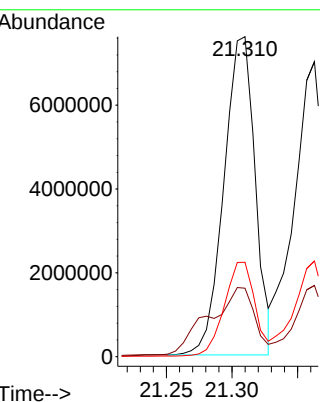
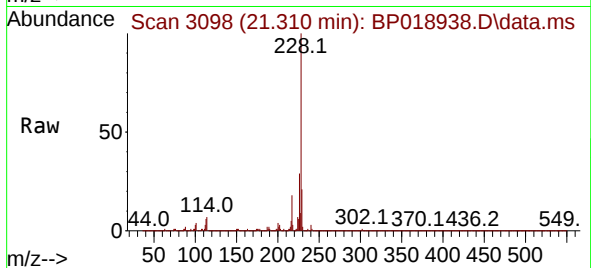
226 29.5 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#87

Chrysene

Concen: 144.097 ng/ul m

RT: 21.363 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BP018938.D

Acq: 19 Dec 2023 09:27

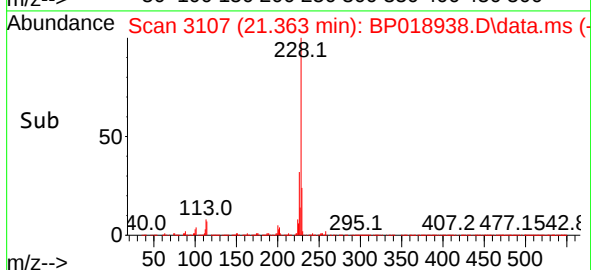
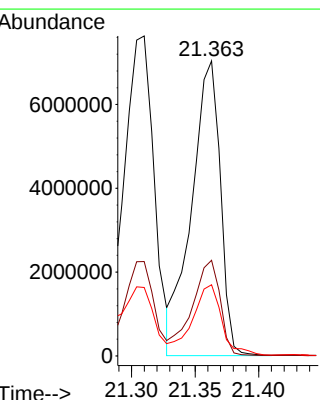
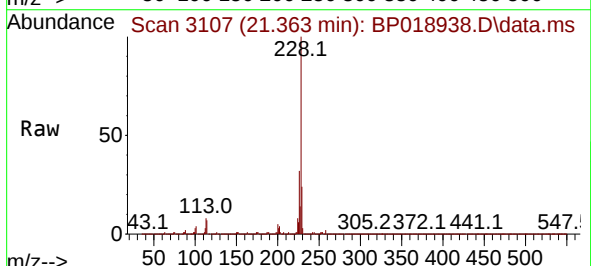
Tgt Ion:228 Resp:11129793

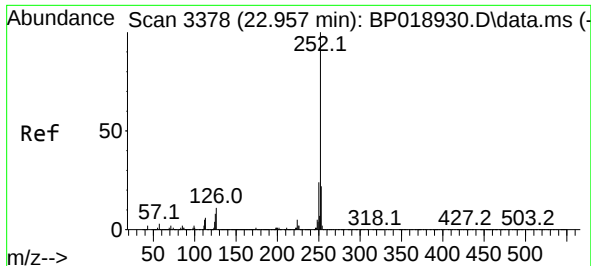
Ion Ratio Lower Upper

228 100

226 32.4 23.9 35.9

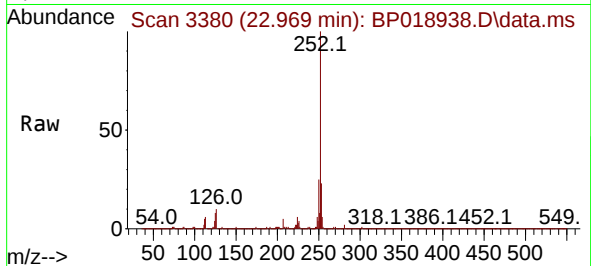
229 24.1 15.6 23.4#





#90
Benzo(b)fluoranthene
Concen: 77.277 ng/ul
RT: 22.969 min Scan# 3380
Delta R.T. 0.012 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

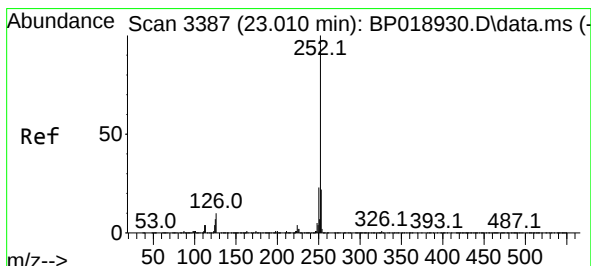
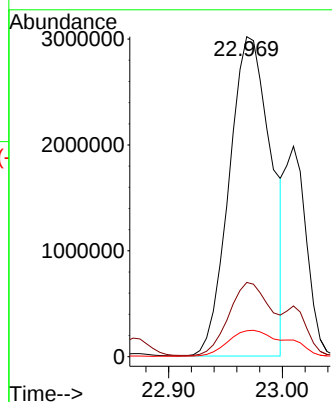
Instrument :
BNA_P
ClientSampleId :
DCLF8DL



Tgt Ion:252 Resp: 775247
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 8.1 7.8 11.6

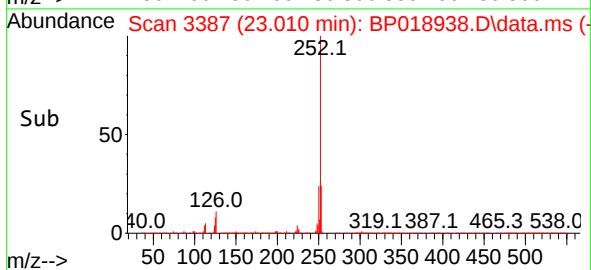
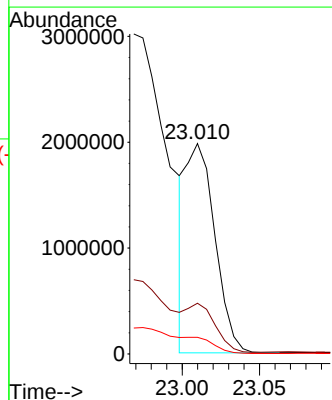
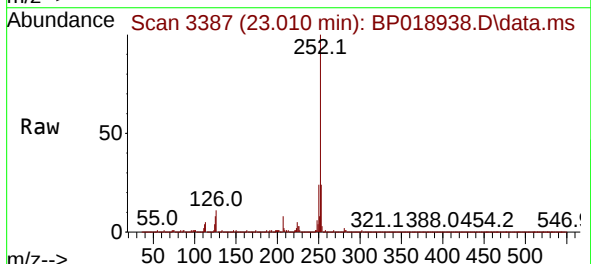
Manual Integrations
APPROVED

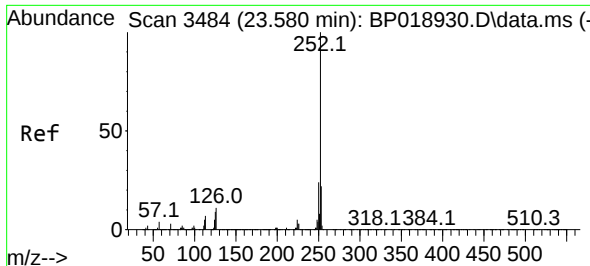
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#91
Benzo(k)fluoranthene
Concen: 26.413 ng/ul m
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

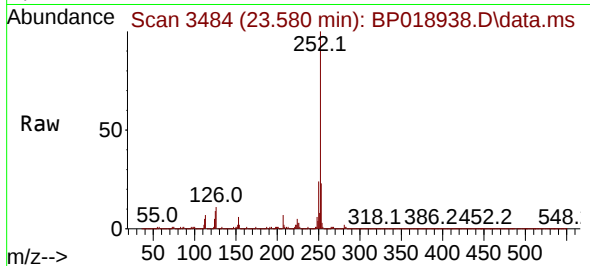
Tgt Ion:252 Resp: 2563786
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 8.0 8.0 12.0#





#93
Benzo(a)pyrene
Concen: 45.813 ng/ul m
RT: 23.580 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

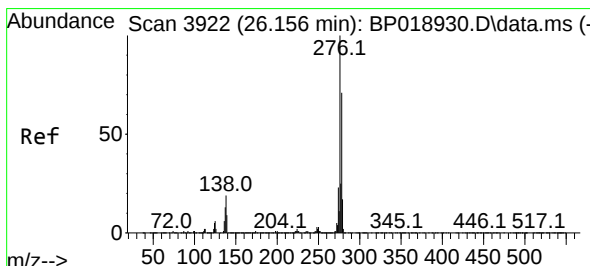
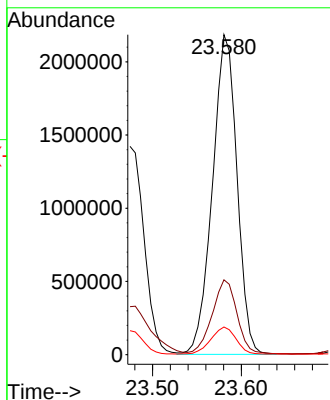
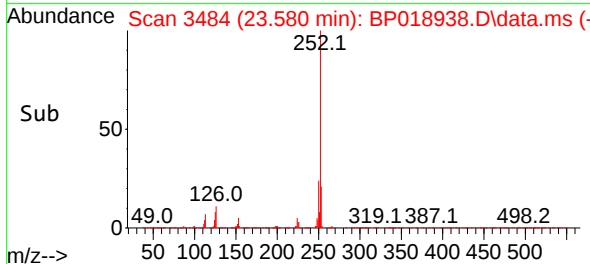
Instrument :
BNA_P
ClientSampleId :
DCLF8DL



Tgt Ion:252 Resp: 4199518
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 8.7 9.2 13.8

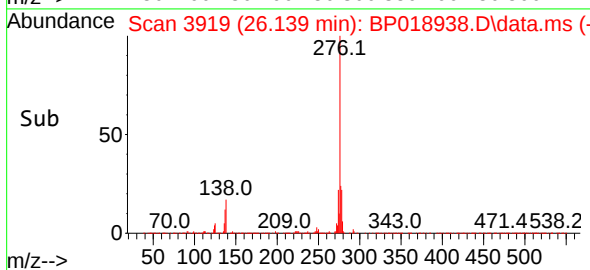
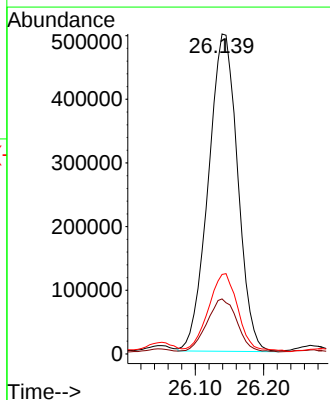
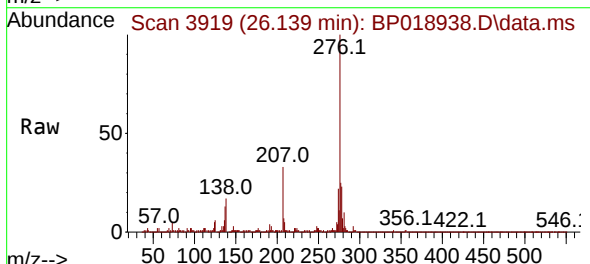
Manual Integrations
APPROVED

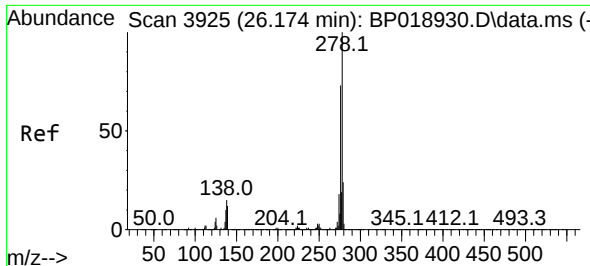
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 13.642 ng/ul
RT: 26.139 min Scan# 3919
Delta R.T. -0.017 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

Tgt Ion:276 Resp: 1494093
Ion Ratio Lower Upper
276 100
138 17.2 19.4 29.2#
277 24.8 19.8 29.6





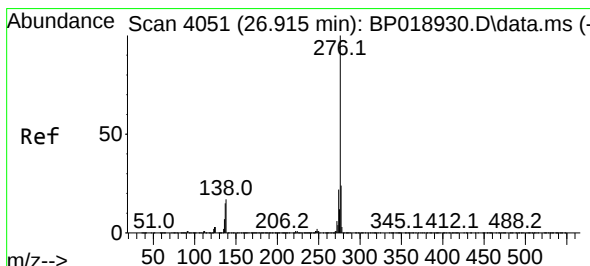
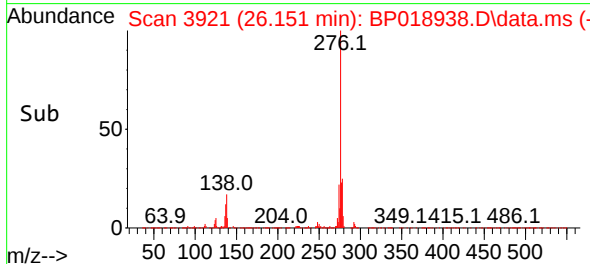
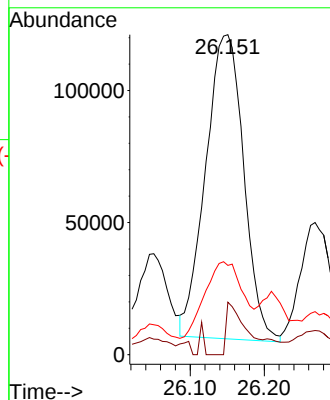
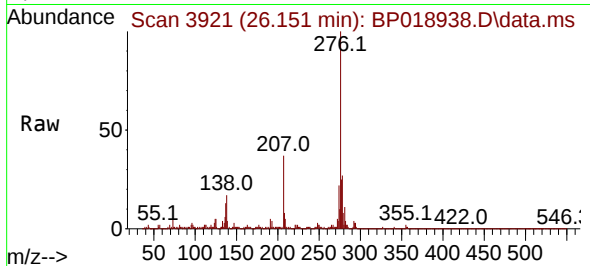
#95
Dibenzo(a,h)anthracene
Concen: 4.507 ng/ul
RT: 26.151 min Scan# 3925
Delta R.T. -0.023 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

Instrument :
BNA_P
ClientSampleId :
DCLF8DL

Tgt Ion:278 Resp: 41058
Ion Ratio Lower Upper
278 100
139 16.4 13.0 19.6
279 27.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#96
Benzo(g,h,i)perylene
Concen: 6.743 ng/ul
RT: 26.898 min Scan# 4048
Delta R.T. -0.017 min
Lab File: BP018938.D
Acq: 19 Dec 2023 09:27

Tgt Ion:276 Resp: 594338
Ion Ratio Lower Upper
276 100
138 18.2 18.1 27.1
277 24.3 19.4 29.0

