

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018924.D
 Acq On : 19 Dec 2023 00:58
 Operator : MA/JU
 Sample : 05794-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 02:21:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	227091	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	781131	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	439654	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	997714	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1060030	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1318677	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15220	2.284	ng/uL	0.00
4) Pyridine-d5	3.687	84	26469	1.483	ng/u1	0.01
7) Phenol-d5	7.011	99	236422	10.374	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	149185	11.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	199292	11.207	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	131173	7.112	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	93901	13.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	97178	13.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	178831	12.133	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	119696	6.214	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	503897	12.842	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	605704	14.018	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	49704	7.717	ng/u1	0.02
60) Fluorene-d10	15.457	176	464233	14.094	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	28053	4.689	ng/u1	0.00
73) Anthracene-d10	17.310	188	754306	14.381	ng/u1	0.00
81) Pyrene-d10	19.551	212	1002577	12.150	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	1080329	14.051	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.657	105	76740	2.792	ng/u1	99
50) Acenaphthylene	14.187	152	51292	1.056	ng/u1	94
61) Fluorene	15.510	166	37764	1.069	ng/u1#	96
72) Phenanthrene	17.257	178	775249	12.866	ng/u1	100
74) Anthracene	17.345	178	198208	3.282	ng/u1	99
77) Carbazole	17.622	167	67301	1.398	ng/u1	96
80) Fluoranthene	19.228	202	1480214	15.176	ng/u1	96
82) Pyrene	19.580	202	1556450	15.818	ng/u1	96
85) Benzo(a)anthracene	21.292	228	911388	10.592	ng/u1	97
87) Chrysene	21.345	228	918604	11.594	ng/u1	98
90) Benzo(b)fluoranthene	22.957	252	1124987	11.571	ng/u1	97
91) Benzo(k)fluoranthene	22.998	252	353575m	3.759	ng/u1	
93) Benzo(a)pyrene	23.568	252	826183	9.300	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	568222	5.353	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.145	278	165354	1.873	ng/u1#	87
96) Benzo(g,h,i)perylene	26.892	276	221271	2.590	ng/u1	93

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

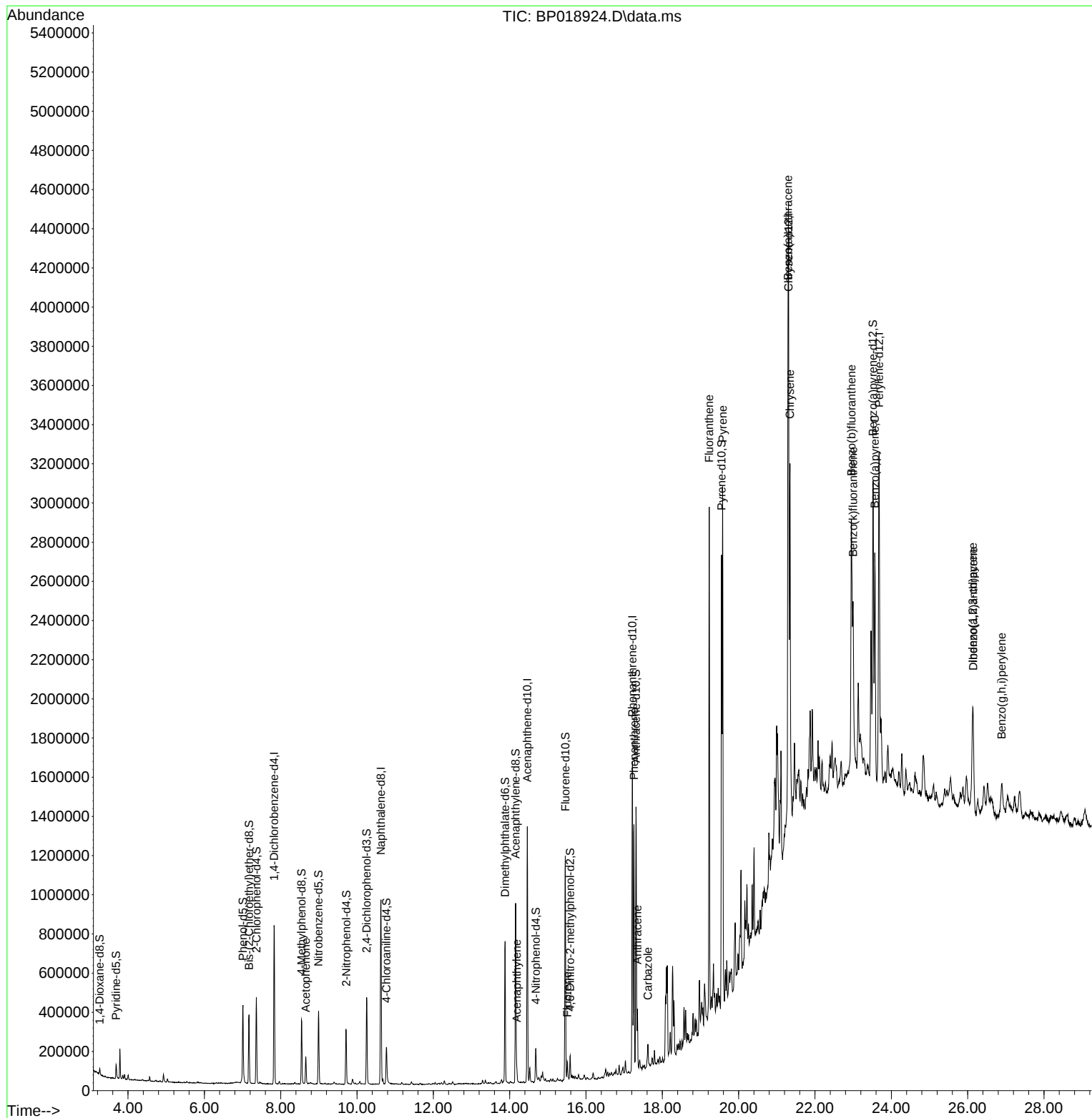
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018924.D
Acq On : 19 Dec 2023 00:58
Operator : MA/JU
Sample : 05794-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

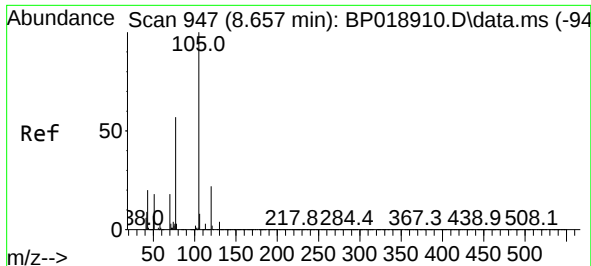
Instrument :
BNA_P
ClientSampleId :
BGRG1

Quant Time: Dec 19 02:21:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023





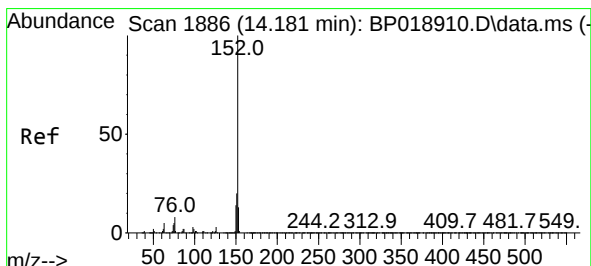
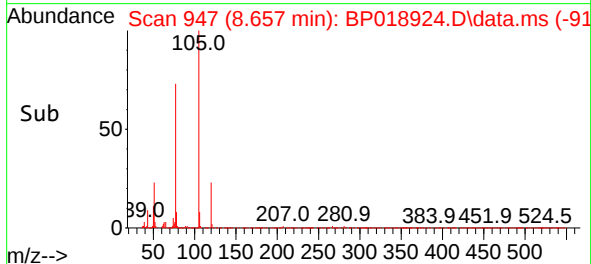
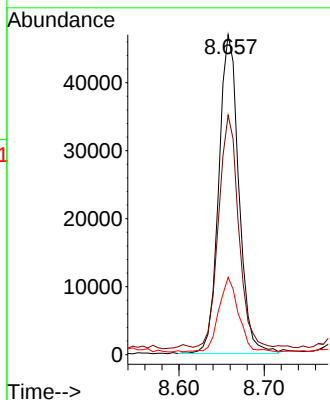
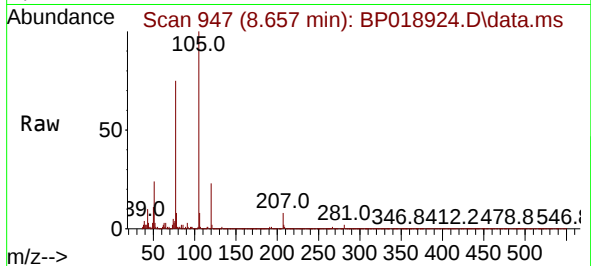
#16
Acetophenone
Concen: 2.792 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

Instrument :
BNA_P
ClientSampleId :
BGRG1

Tgt Ion:105 Resp: 76740
Ion Ratio Lower Upper
105 100
77 74.9 59.4 89.0
51 24.2 19.4 29.0

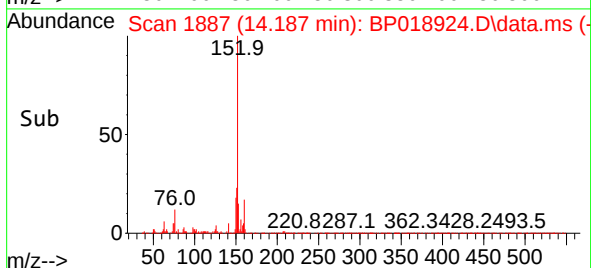
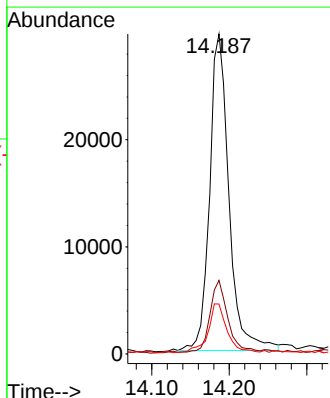
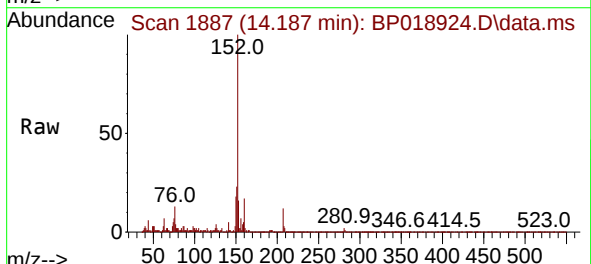
Manual Integrations
APPROVED

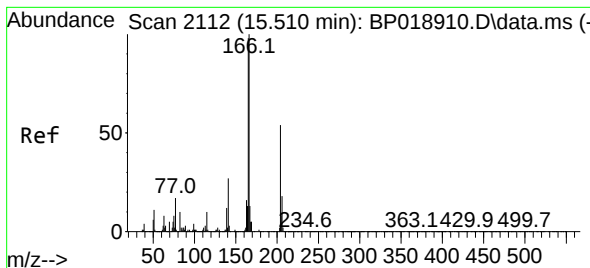
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#50
Acenaphthylene
Concen: 1.056 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

Tgt Ion:152 Resp: 51292
Ion Ratio Lower Upper
152 100
151 23.0 15.9 23.9
153 15.6 10.6 16.0





#61

Fluorene

Concen: 1.069 ng/u1

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018924.D

Acq: 19 Dec 2023 00:58

Instrument :

BNA_P

ClientSampleId :

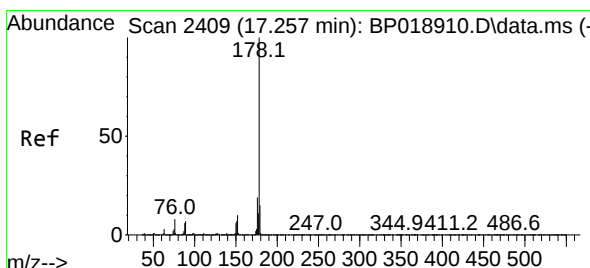
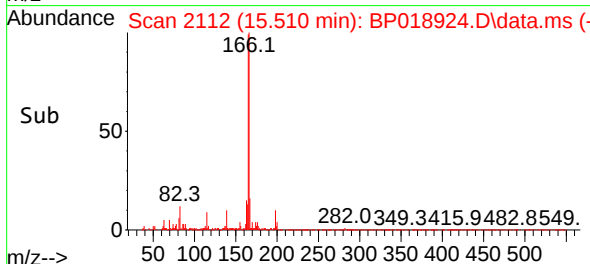
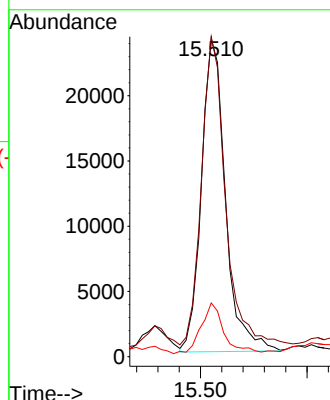
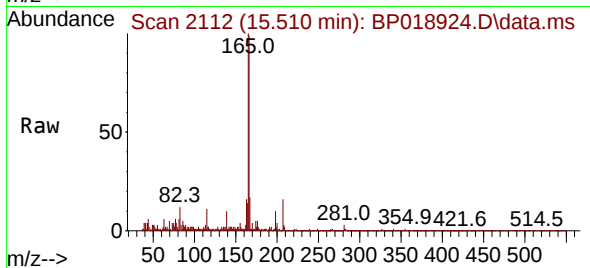
BGRG1

Tgt Ion:166	Resp:	37764
Ion Ratio	Lower	Upper
166	100	
165	100.6	78.0 117.0
167	16.9	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#72

Phenanthrene

Concen: 12.866 ng/u1

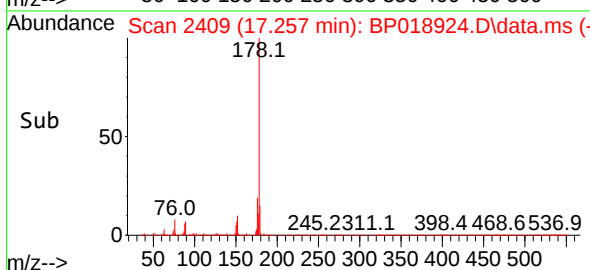
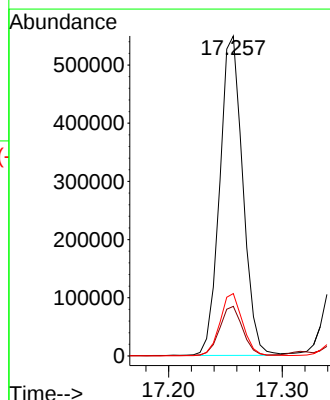
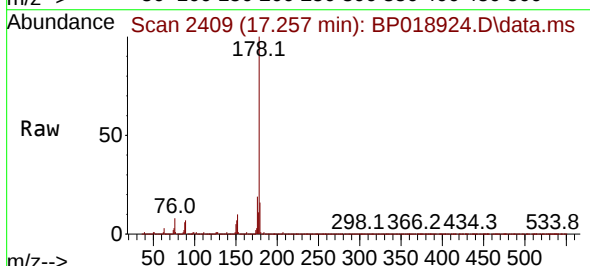
RT: 17.257 min Scan# 2409

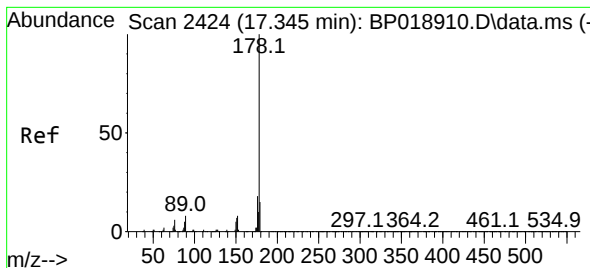
Delta R.T. 0.000 min

Lab File: BP018924.D

Acq: 19 Dec 2023 00:58

Tgt Ion:178	Resp:	775249
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.3 18.5
176	19.5	15.4 23.2





#74

Anthracene

Concen: 3.282 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP018924.D

Acq: 19 Dec 2023 00:58

Instrument :

BNA_P

ClientSampleId :

BGRG1

Tgt Ion:178 Resp: 198208

Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

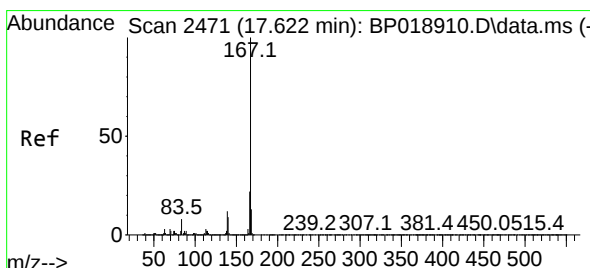
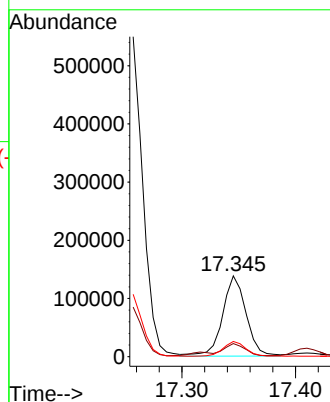
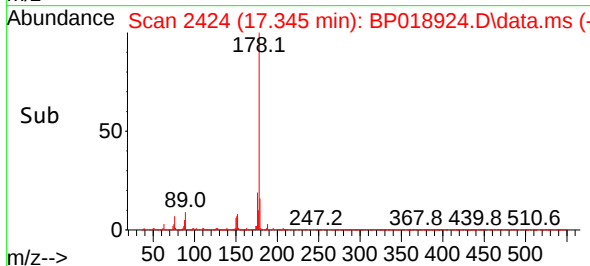
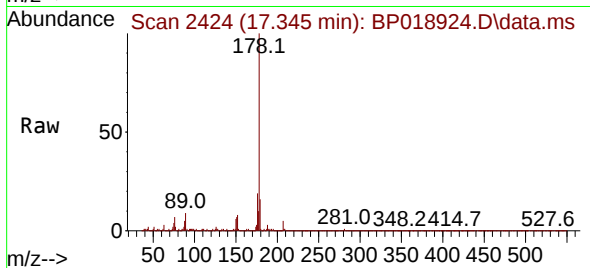
176 18.9 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#77

Carbazole

Concen: 1.398 ng/ul

RT: 17.622 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP018924.D

Acq: 19 Dec 2023 00:58

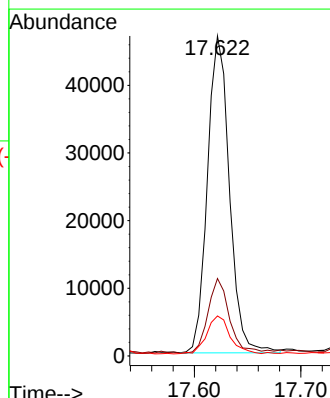
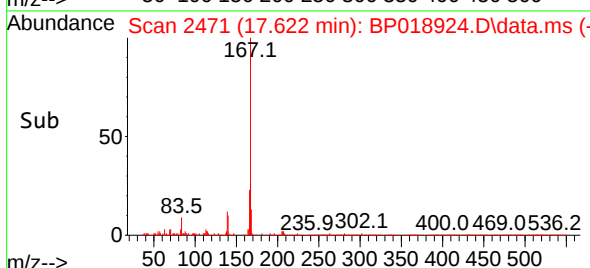
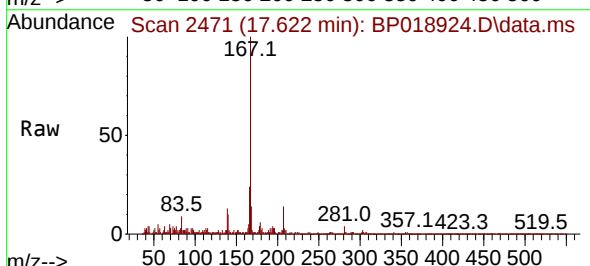
Tgt Ion:167 Resp: 67301

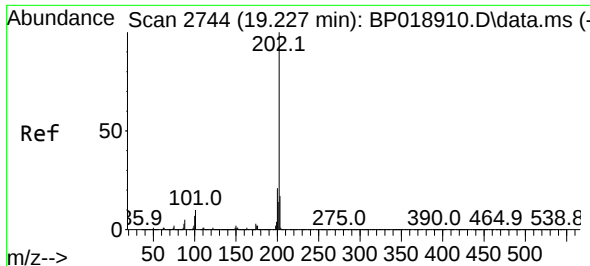
Ion Ratio Lower Upper

167 100

166 24.2 17.1 25.7

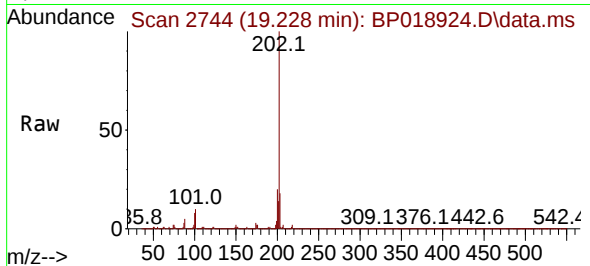
139 12.5 10.2 15.4





#80
Fluoranthene
Concen: 15.176 ng/ul
RT: 19.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

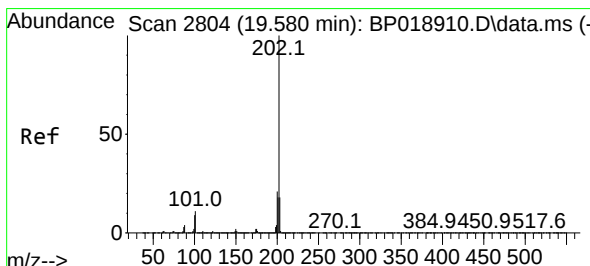
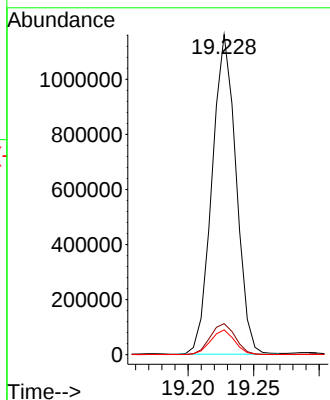
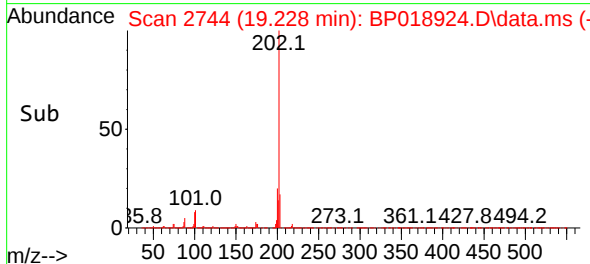
Instrument :
BNA_P
ClientSampleId :
BGRG1



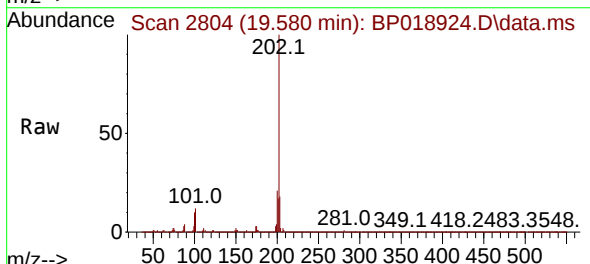
Tgt Ion:202 Resp: 1480214
Ion Ratio Lower Upper
202 100
101 9.7 9.1 13.7
100 7.8 7.1 10.7

Manual Integrations
APPROVED

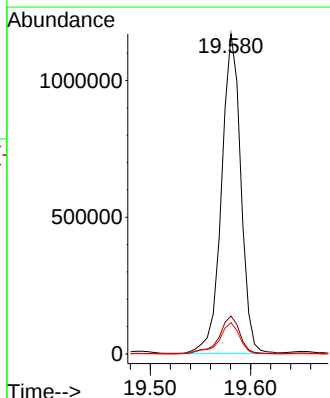
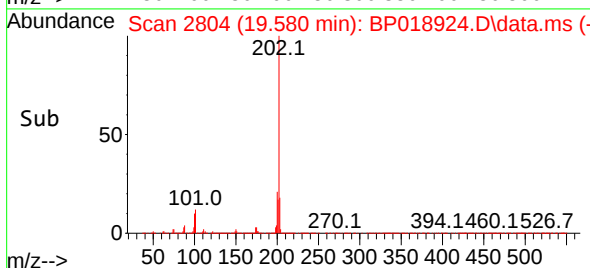
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

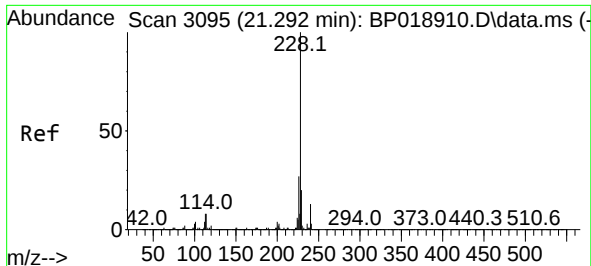


#82
Pyrene
Concen: 15.818 ng/ul
RT: 19.580 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58



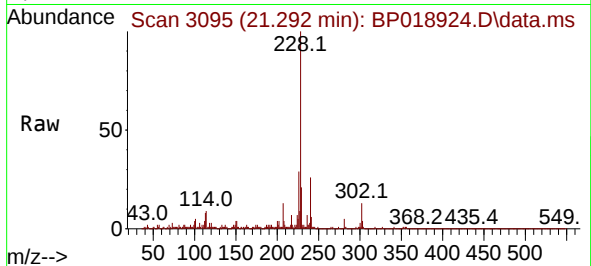
Tgt Ion:202 Resp: 1556450
Ion Ratio Lower Upper
202 100
101 11.8 11.0 16.4
100 9.7 9.1 13.7





#85
Benzo(a)anthracene
Concen: 10.592 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

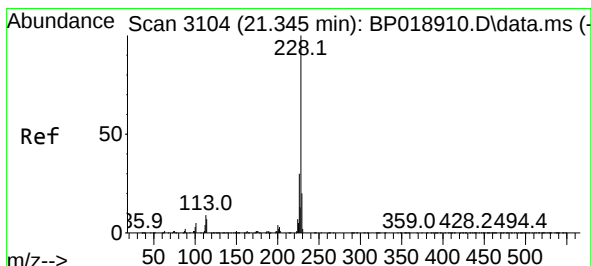
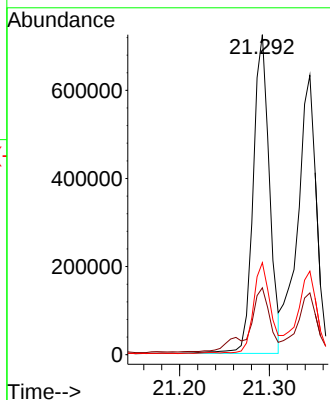
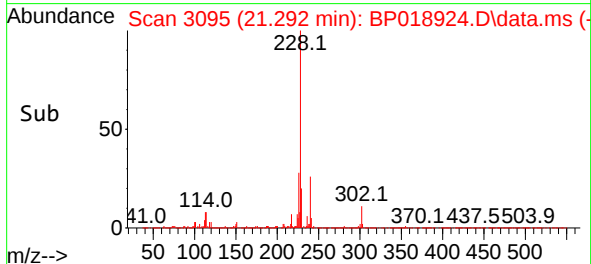
Instrument :
BNA_P
ClientSampleId :
BGRG1



Tgt Ion:228 Resp: 911388
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.8 21.9 32.9

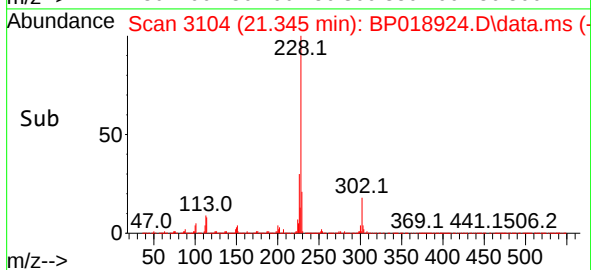
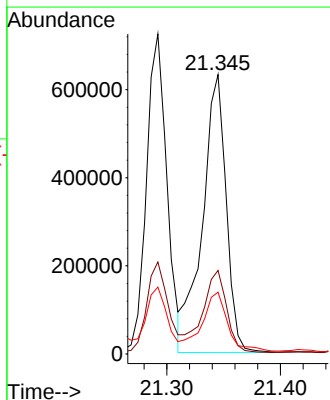
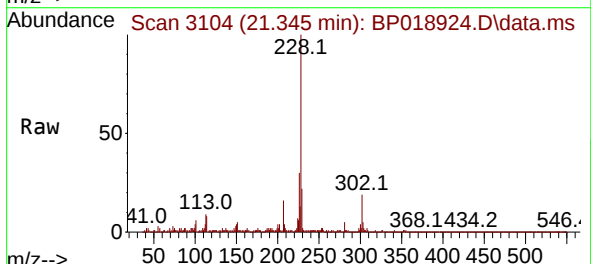
Manual Integrations
APPROVED

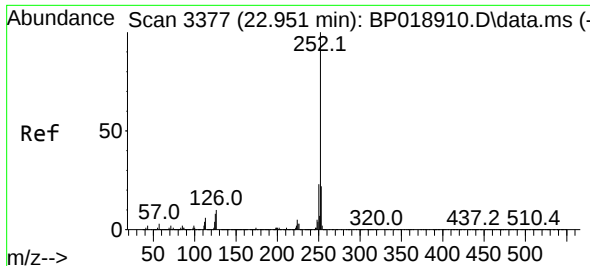
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#87
Chrysene
Concen: 11.594 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

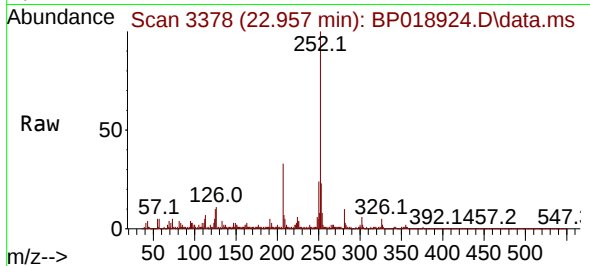
Tgt Ion:228 Resp: 918604
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 22.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 11.571 ng/ul
RT: 22.957 min Scan# 3377
Delta R.T. 0.012 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

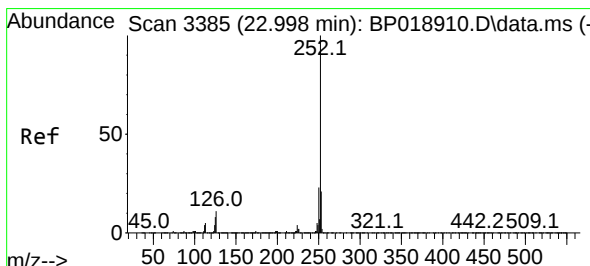
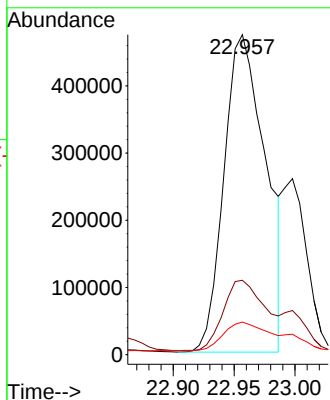
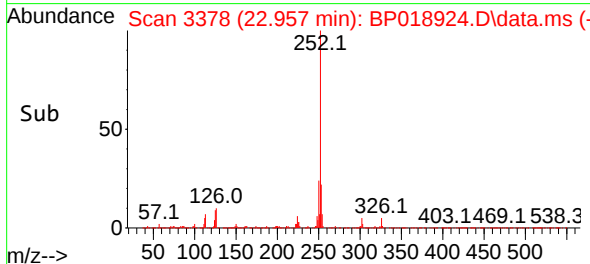
Instrument :
BNA_P
ClientSampleId :
BGRG1



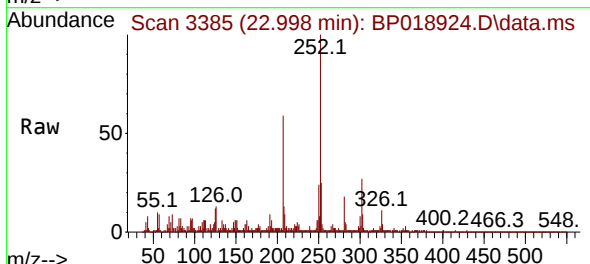
Tgt Ion:252 Resp: 112498
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 10.2 7.8 11.6

Manual Integrations
APPROVED

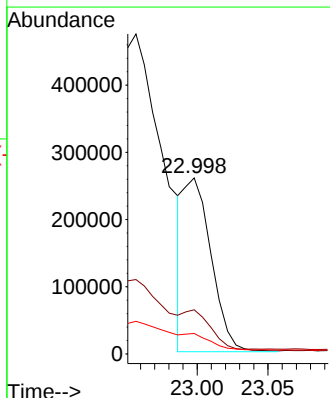
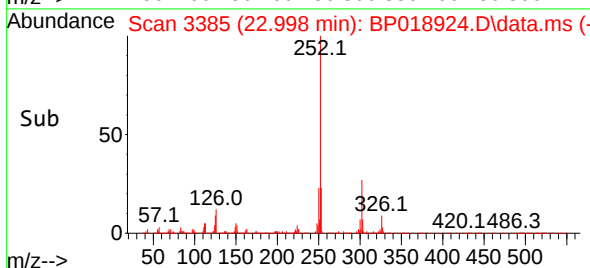
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

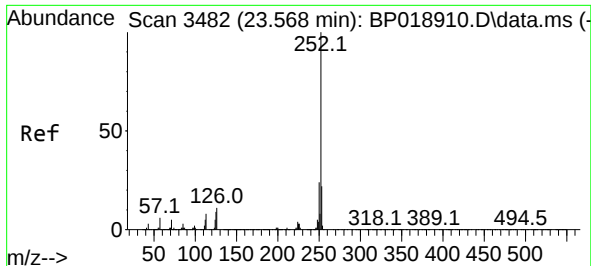


#91
Benzo(k)fluoranthene
Concen: 3.759 ng/ul m
RT: 22.998 min Scan# 3385
Delta R.T. 0.006 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58



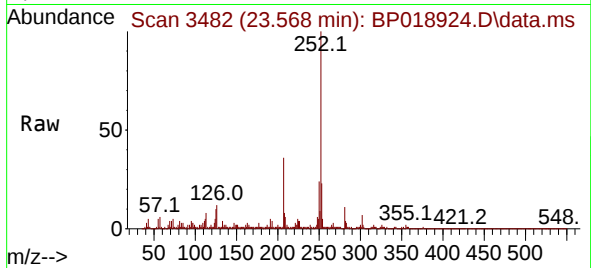
Tgt Ion:252 Resp: 353575
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 11.6 8.0 12.0





#93
Benzo(a)pyrene
Concen: 9.300 ng/ul
RT: 23.568 min Scan# 3482
Delta R.T. 0.006 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

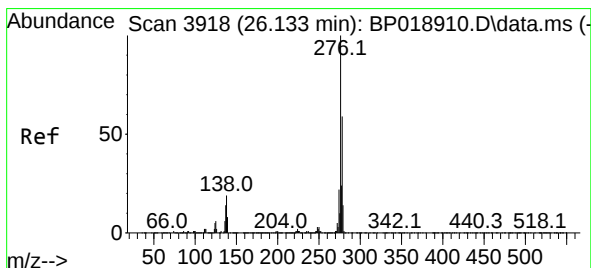
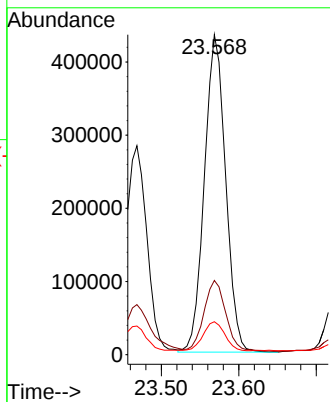
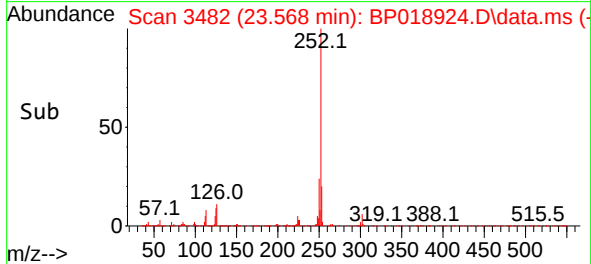
Instrument :
BNA_P
ClientSampleId :
BGRG1



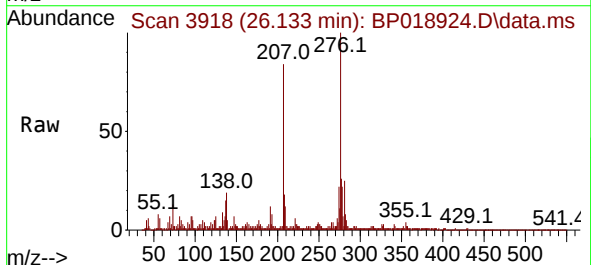
Tgt Ion:252 Resp: 82618
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.3 9.2 13.8

Manual Integrations
APPROVED

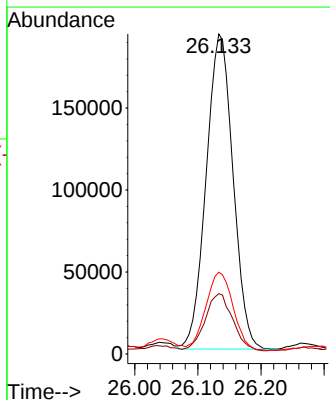
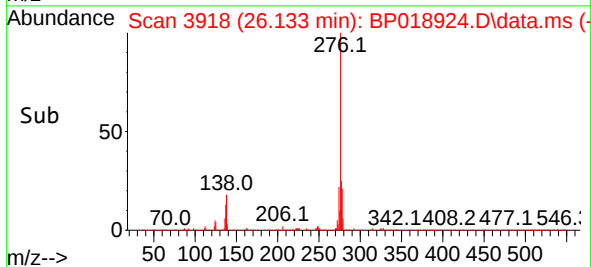
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

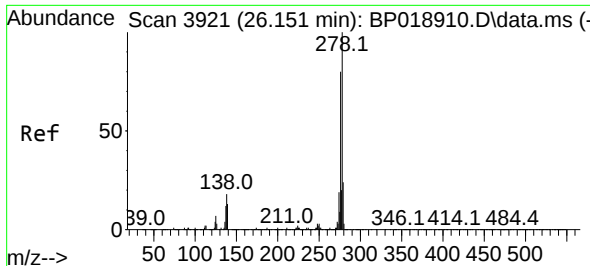


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.353 ng/ul
RT: 26.133 min Scan# 3918
Delta R.T. 0.012 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58



Tgt Ion:276 Resp: 568222
Ion Ratio Lower Upper
276 100
138 18.8 19.4 29.2#
277 25.5 19.8 29.6





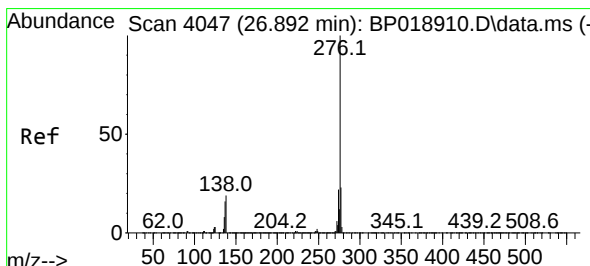
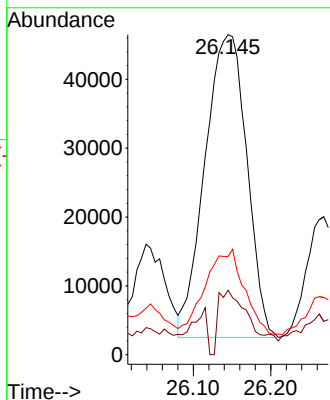
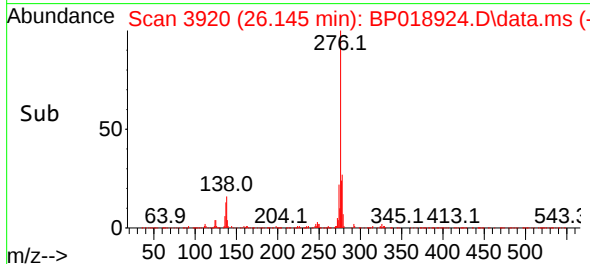
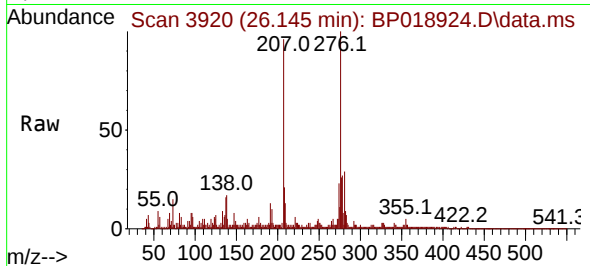
#95
Dibenzo(a,h)anthracene
Concen: 1.873 ng/ul
RT: 26.145 min Scan# 3921
Delta R.T. 0.006 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

Instrument :
BNA_P
ClientSampleId :
BGRG1

Tgt Ion:278 Resp: 165354
Ion Ratio Lower Upper
278 100
139 20.2 13.0 19.6
279 30.7 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#96
Benzo(g,h,i)perylene
Concen: 2.590 ng/ul
RT: 26.892 min Scan# 4047
Delta R.T. 0.018 min
Lab File: BP018924.D
Acq: 19 Dec 2023 00:58

Tgt Ion:276 Resp: 221271
Ion Ratio Lower Upper
276 100
138 18.7 18.1 27.1
277 27.0 19.4 29.0

