

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018914.D
 Acq On : 18 Dec 2023 19:17
 Operator : MA/JU
 Sample : 05818-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG6

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 18 23:35:46 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	7.834	152	191575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	698638	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	423437	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	967617	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	952647	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1172165	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11732	2.087	ng/uL	0.00
4) Pyridine-d5	3.687	84	23210	1.541	ng/u1	0.01
7) Phenol-d5	7.005	99	194058	10.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	117035	10.271	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	162078	10.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	133891	8.606	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	75056	12.071	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	78343	12.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	159954	12.134	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	128006	7.430	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	485058	12.835	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	577239	13.871	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	40620	6.548	ng/u1	0.01
60) Fluorene-d10	15.457	176	454920	14.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	11822	2.038	ng/u1	0.00
73) Anthracene-d10	17.310	188	734881	14.446	ng/u1	0.00
81) Pyrene-d10	19.551	212	900521	12.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	946043	13.842	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.658	105	86712	3.740	ng/u1	99
50) Acenaphthylene	14.187	152	67685	1.447	ng/u1	99
52) Acenaphthene	14.528	153	37590	1.215	ng/u1	96
56) Dibenzofuran	14.863	168	43546	1.013	ng/u1	95
61) Fluorene	15.510	166	60986	1.793	ng/u1	97
72) Phenanthrene	17.257	178	1070891	18.325	ng/u1	99
74) Anthracene	17.345	178	295539	5.045	ng/u1	98
77) Carbazole	17.622	167	127508	2.731	ng/u1	97
80) Fluoranthene	19.228	202	2164370	24.692	ng/u1	95
82) Pyrene	19.580	202	1959504	22.159	ng/u1	94
85) Benzo(a)anthracene	21.292	228	1259501	16.288	ng/u1	98
87) Chrysene	21.345	228	1176676	16.525	ng/u1	97
90) Benzo(b)fluoranthene	22.957	252	1702538	19.700	ng/u1	96
91) Benzo(k)fluoranthene	22.998	252	586468m	7.013	ng/u1	
93) Benzo(a)pyrene	23.574	252	1248076	15.805	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	910635	9.652	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.151	278	248876	3.171	ng/u1#	84
96) Benzo(g,h,i)perylene	26.898	276	376510	4.959	ng/u1	94

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

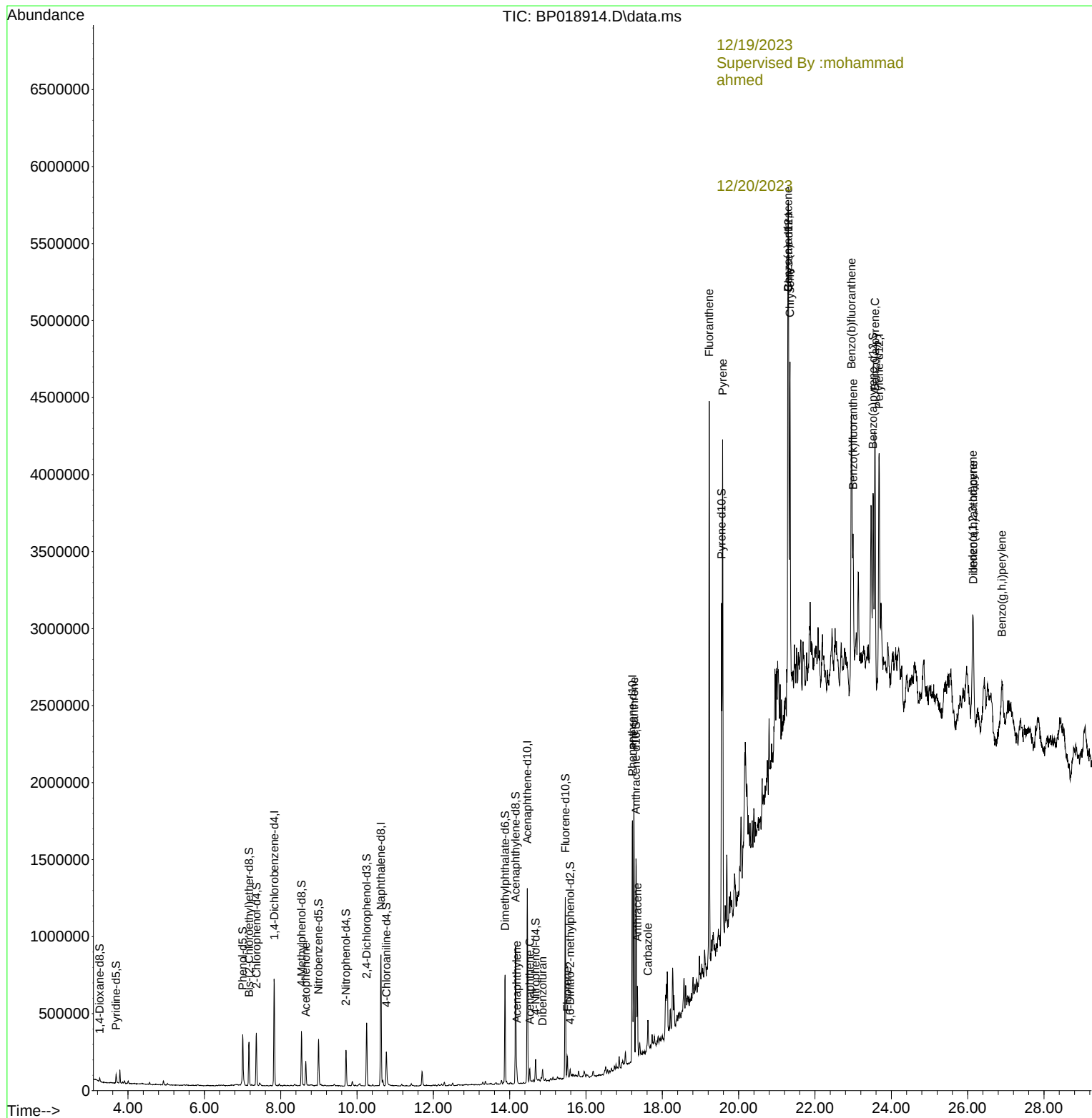
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018914.D
Acq On : 18 Dec 2023 19:17
Operator : MA/JU
Sample : 05818-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

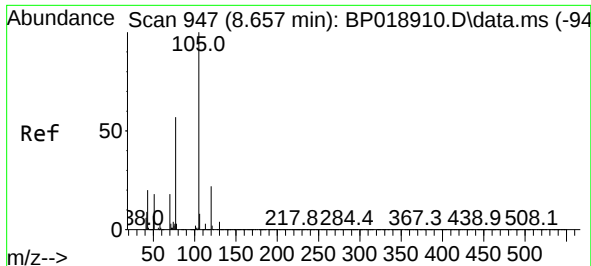
Instrument :
BNA_P
ClientSampleId :
BGRG6

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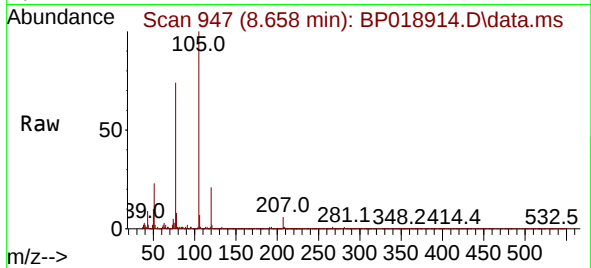
Quant Time: Dec 18 23:35:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.740 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

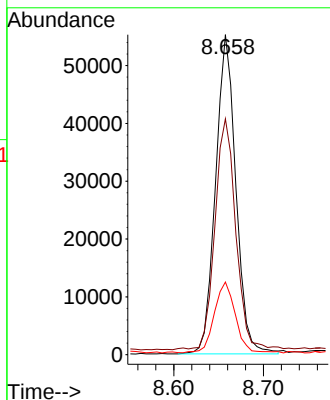
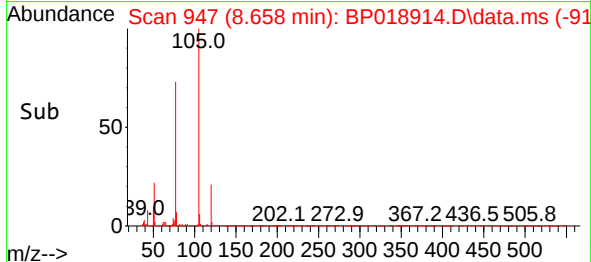
Instrument :
BNA_P
ClientSampleId :
BGRG6



Tgt Ion:105 Resp: 86712
Ion Ratio Lower Upper
105 100
77 73.7 59.4 89.0
51 22.7 19.4 29.0

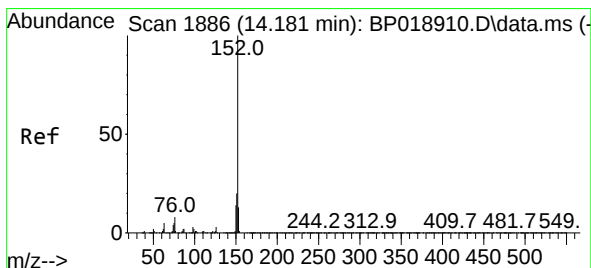
Manual Integrations
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Reviewed By :Yogesh
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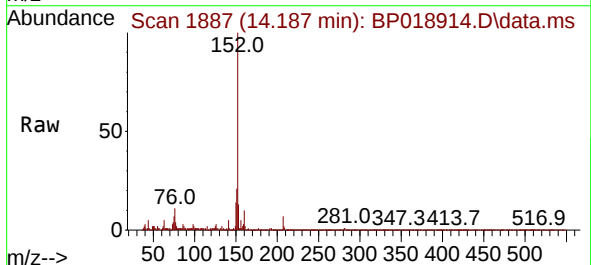


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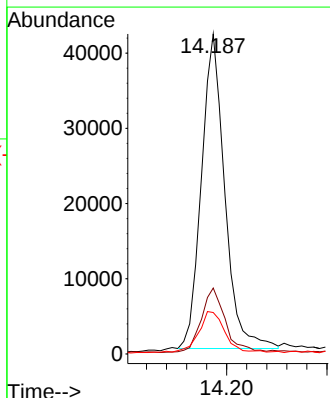
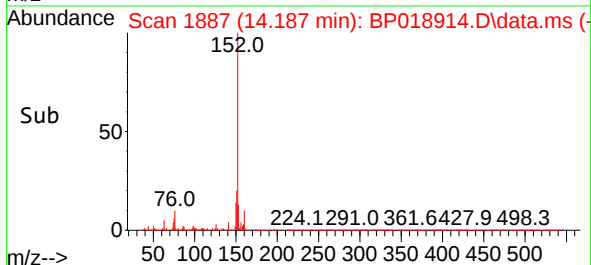
12/20/2023

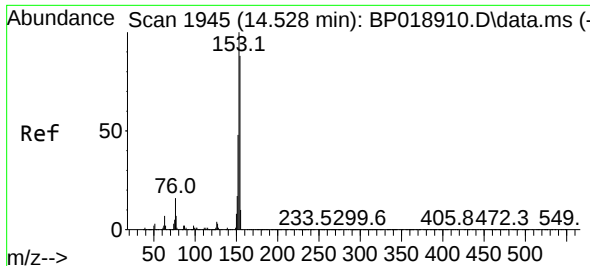


#50
Acenaphthylene
Concen: 1.447 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17



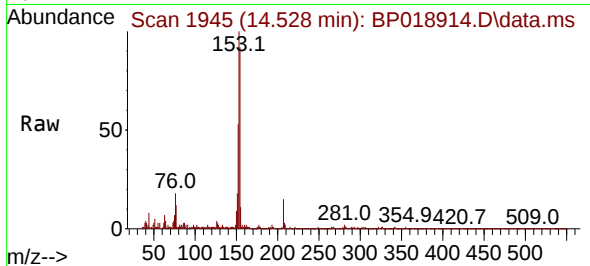
Tgt Ion:152 Resp: 67685
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.0 10.6 16.0





#52
Acenaphthene
Concen: 1.215 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

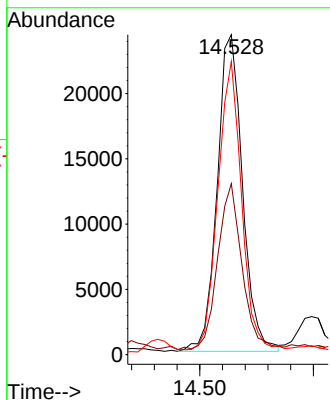
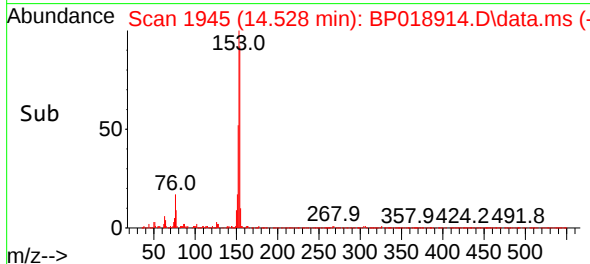
Instrument :
BNA_P
ClientSampleId :
BGRG6



Tgt Ion:153 Resp: 37590
Ion Ratio Lower Upper
153 100
152 53.4 38.1 57.1
154 91.6 71.7 107.5

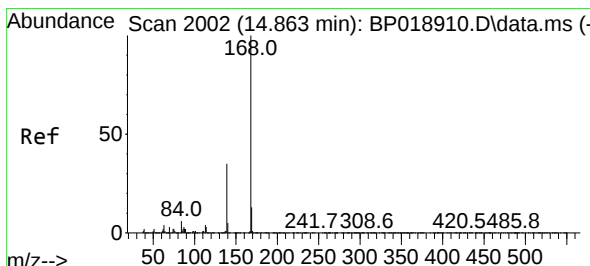
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Patel



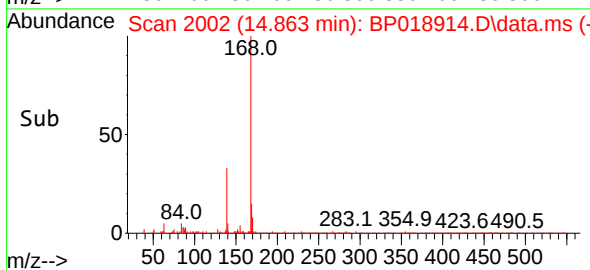
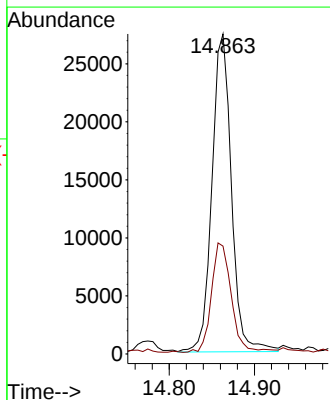
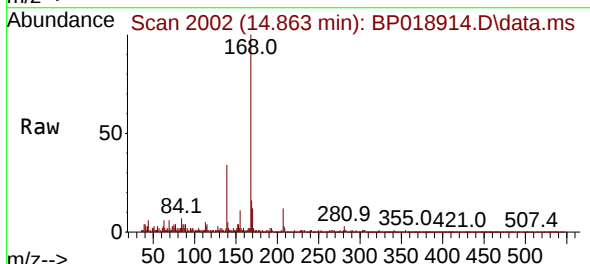
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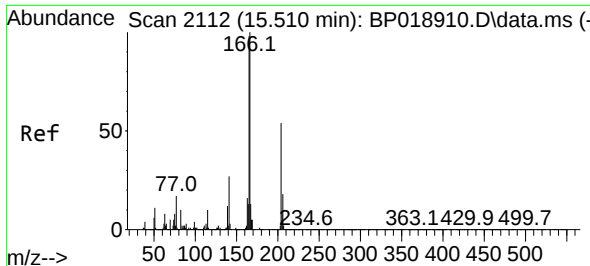
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#56
Dibenzofuran
Concen: 1.013 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

Tgt Ion:168 Resp: 43546
Ion Ratio Lower Upper
168 100
139 33.7 29.1 43.7





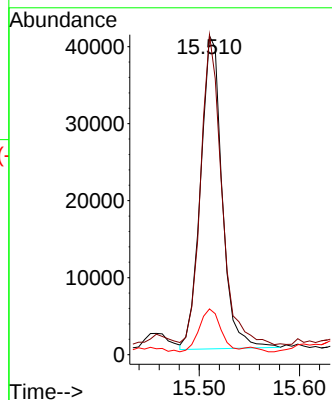
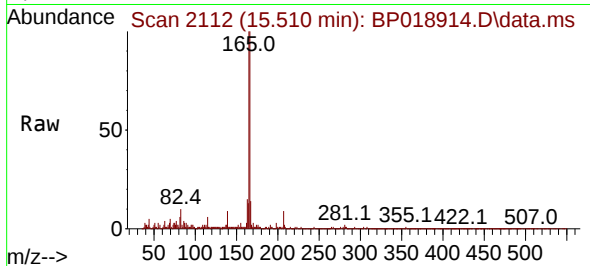
#61
Fluorene
Concen: 1.793 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

Instrument :
BNA_P
ClientSampleId :
BGRG6

Tgt Ion:166 Resp: 60980
Ion Ratio Lower Upper
166 100
165 100.3 78.0 117.0
167 14.3 10.8 16.2

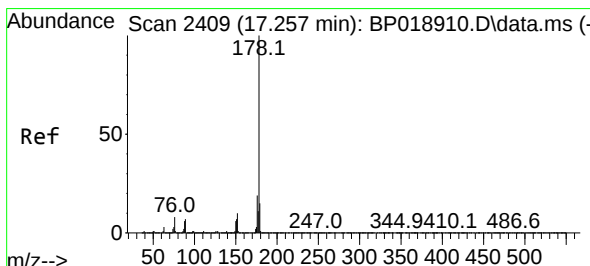
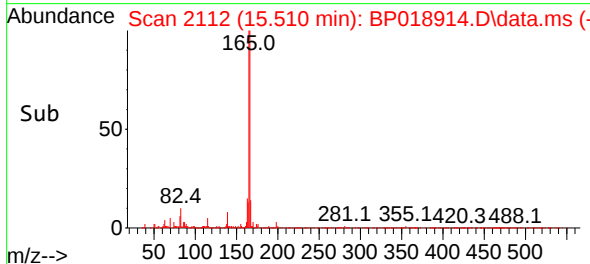
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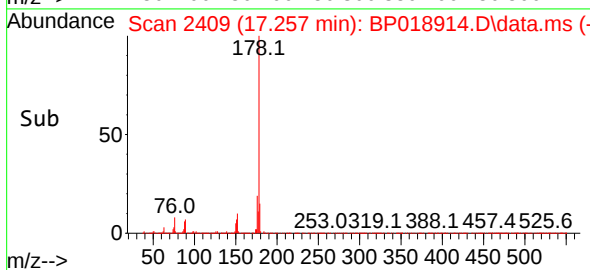
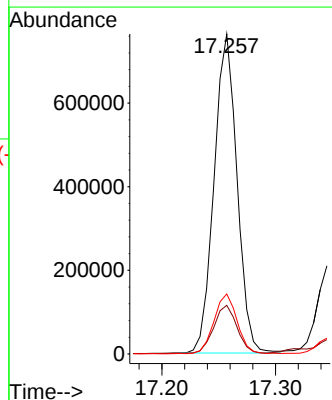
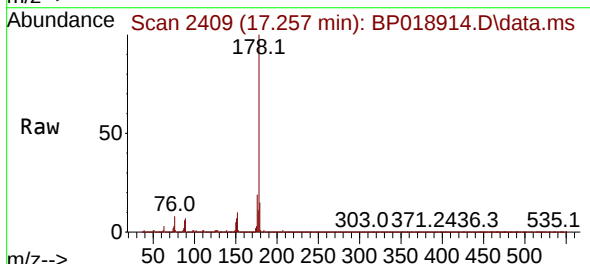
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Supervised By :mohammad
ahmed

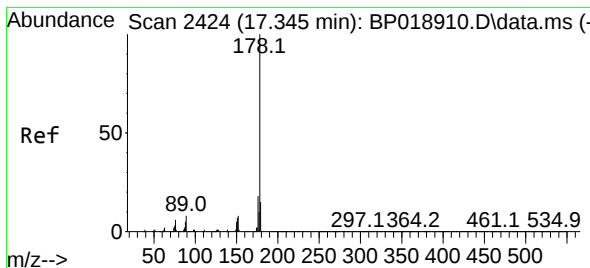
12/20/2023



#72
Phenanthrene
Concen: 18.325 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

Tgt Ion:178 Resp: 1070891
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.7 15.4 23.2





#74

Anthracene

Concen: 5.045 ng/uI

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP018914.D

Acq: 18 Dec 2023 19:17

Instrument :

BNA_P

ClientSampleId :

BGRG6

Tgt Ion:178 Resp: 295539

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

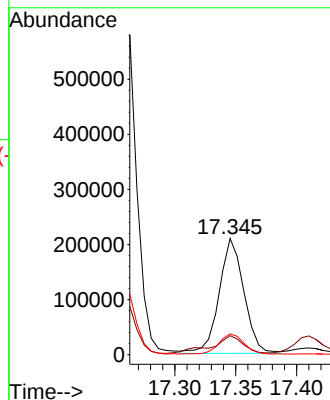
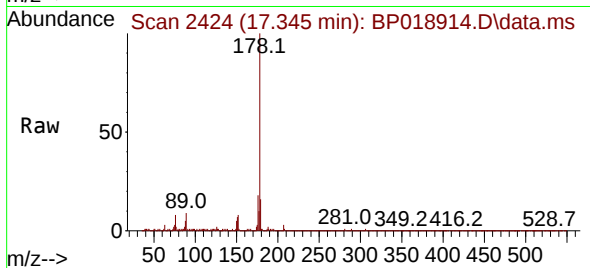
176 18.0 15.0 22.6

Manual Integrations

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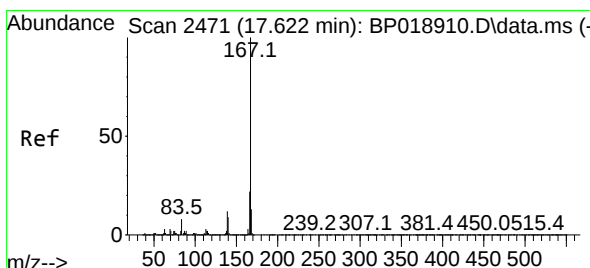
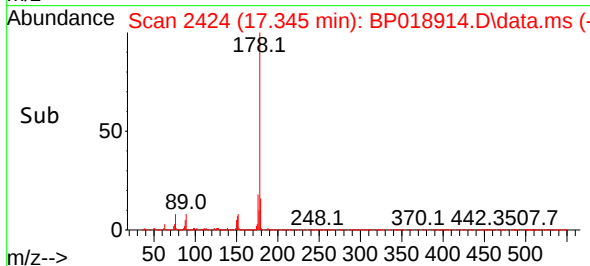
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#77

Carbazole

Concen: 2.731 ng/uI

RT: 17.622 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP018914.D

Acq: 18 Dec 2023 19:17

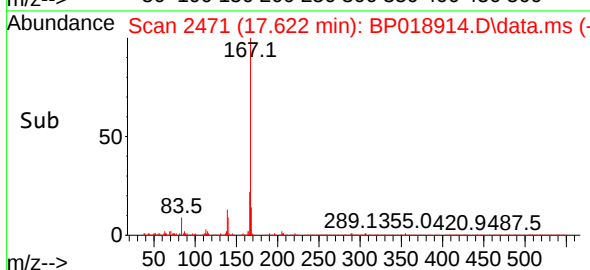
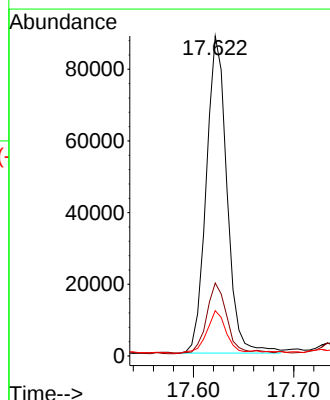
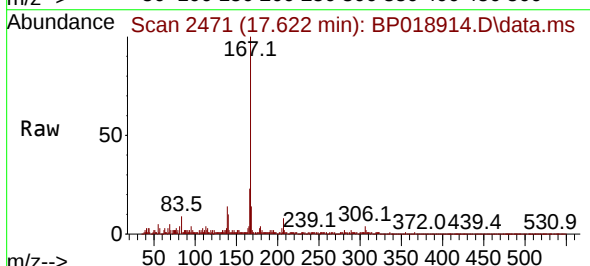
Tgt Ion:167 Resp: 127508

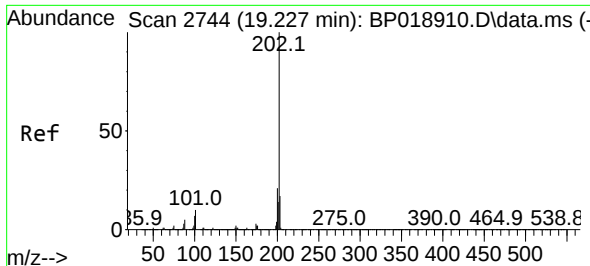
Ion Ratio Lower Upper

167 100

166 22.8 17.1 25.7

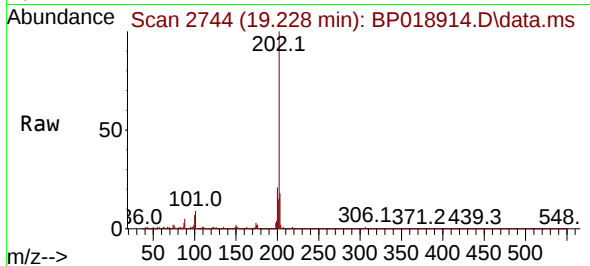
139 14.2 10.2 15.4





#80
Fluoranthene
Concen: 24.692 ng/u1
RT: 19.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

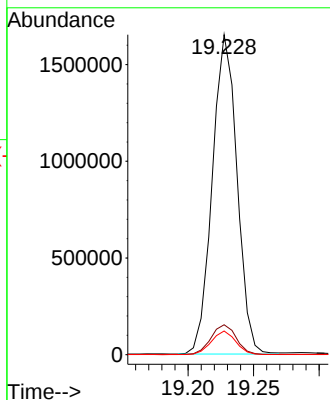
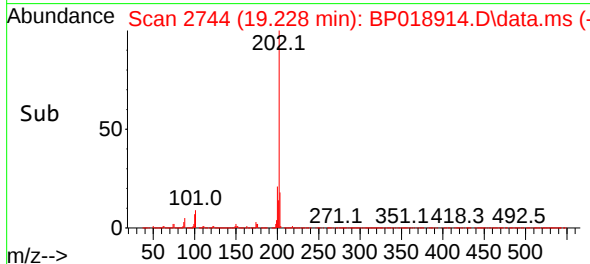
Instrument :
BNA_P
ClientSampleId :
BGRG6



Tgt Ion:202 Resp: 2164370
Ion Ratio Lower Upper
202 100
101 9.3 9.1 13.7
100 7.4 7.1 10.7

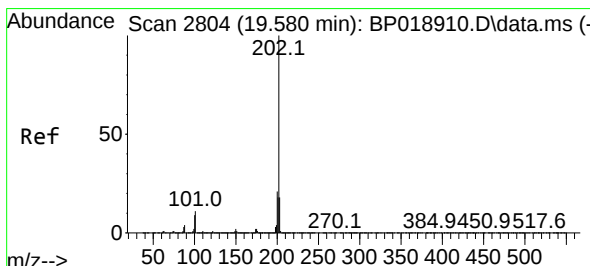
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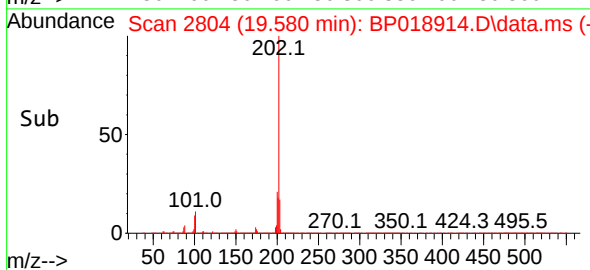
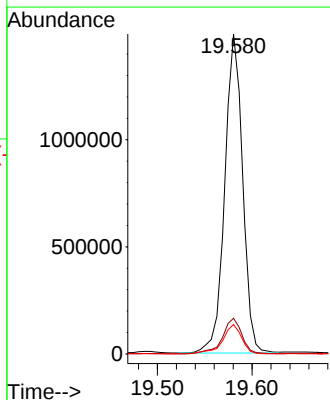
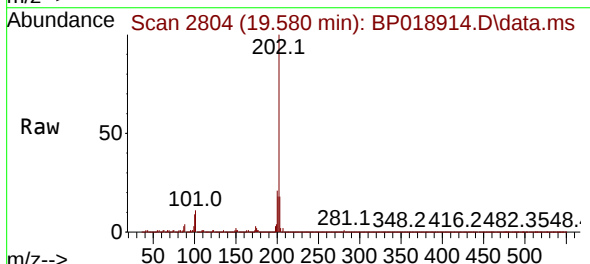
12/19/2023
Supervised By :mohammad
ahmed

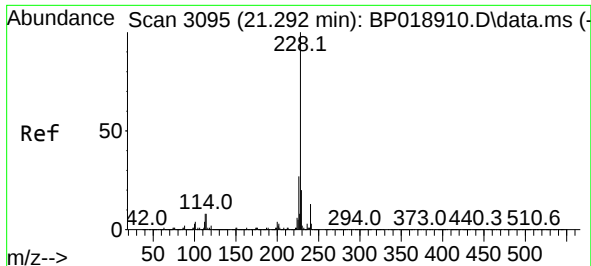
12/20/2023



#82
Pyrene
Concen: 22.159 ng/u1
RT: 19.580 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

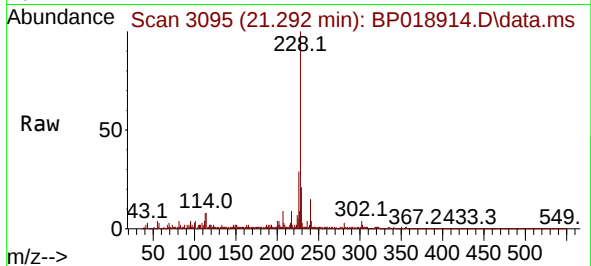
Tgt Ion:202 Resp: 1959504
Ion Ratio Lower Upper
202 100
101 11.2 11.0 16.4
100 9.2 9.1 13.7





#85
Benzo(a)anthracene
Concen: 16.288 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

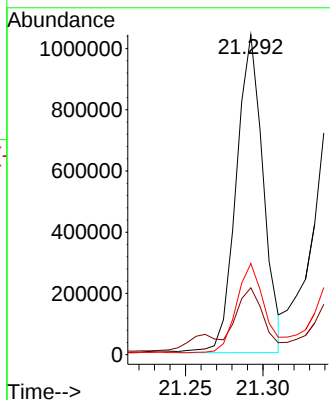
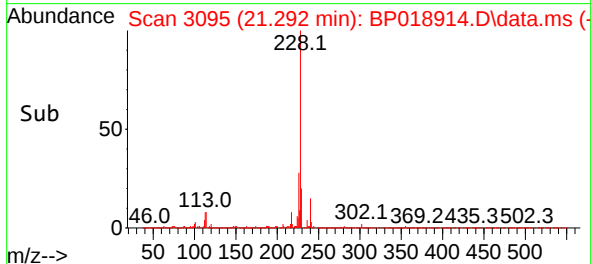
Instrument :
BNA_P
ClientSampleId :
BGRG6



Tgt Ion:228 Resp: 125950
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.5 21.9 32.9

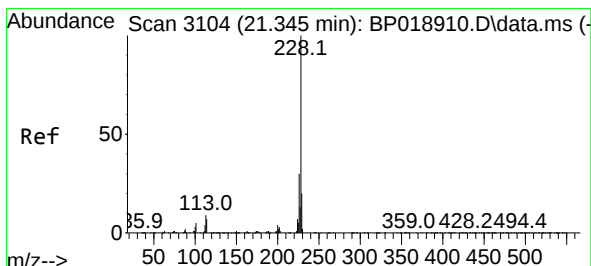
Manual Integrations
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Patel

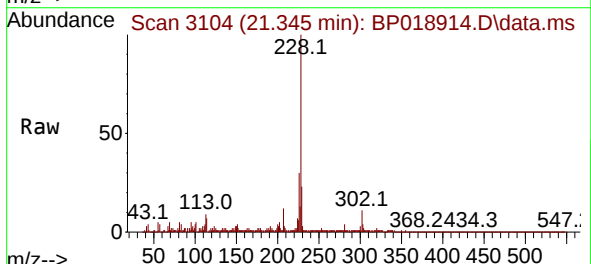


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Supervised By :mohammad
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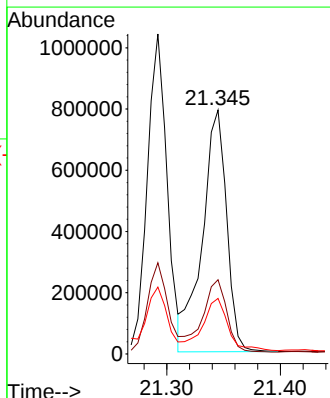
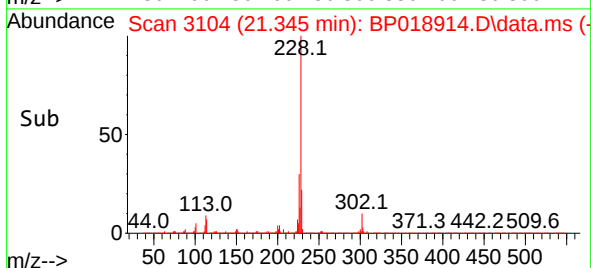
12/20/2023

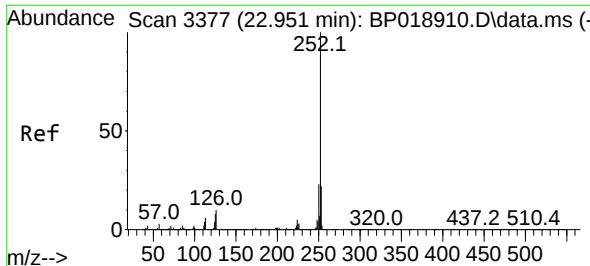


#87
Chrysene
Concen: 16.525 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17



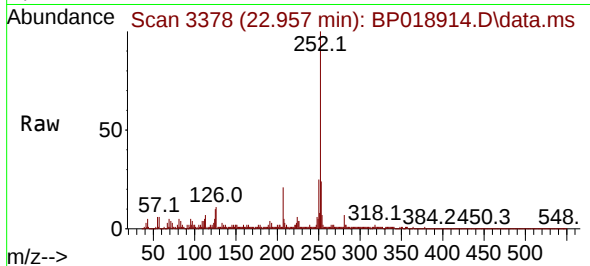
Tgt Ion:228 Resp: 1176676
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 22.8 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 19.700 ng/ul
RT: 22.957 min Scan# 3377
Delta R.T. 0.012 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

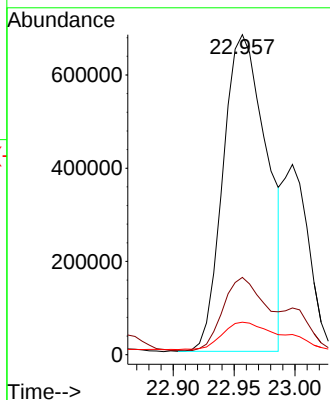
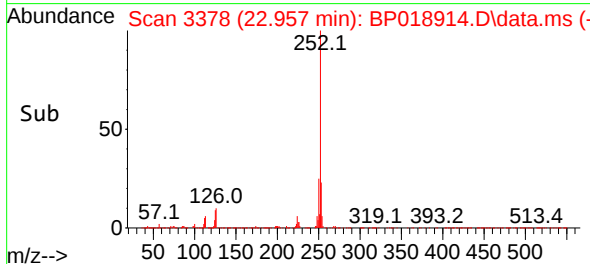
Instrument :
BNA_P
ClientSampleId :
BGRG6



Tgt Ion:252 Resp: 1702538
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 10.1 7.8 11.6

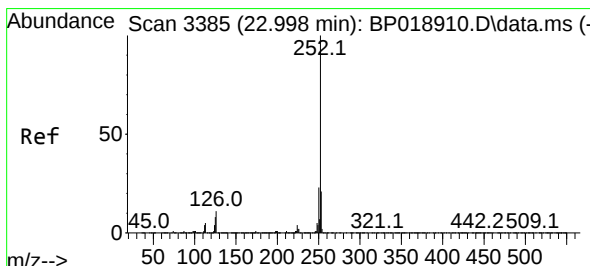
Manual Integrations
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Reviewed By :Yogesh
Patel



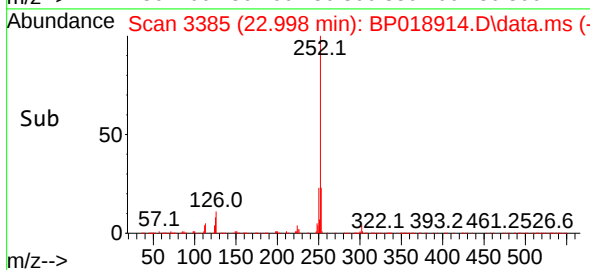
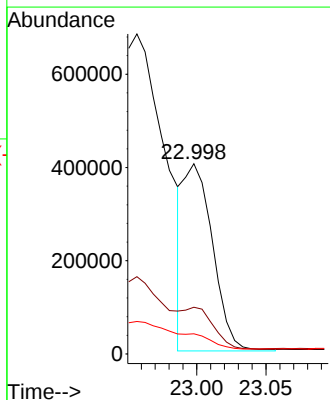
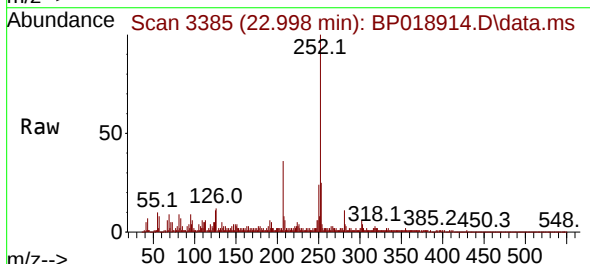
12/19/2023
Supervised By :mohammad
ahmed

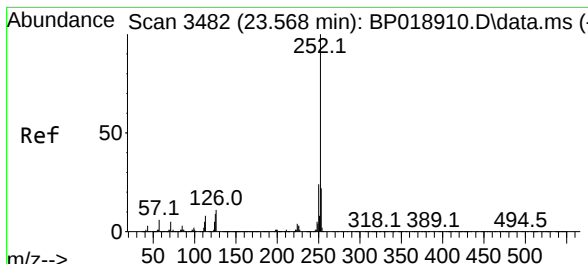
12/20/2023



#91
Benzo(k)fluoranthene
Concen: 7.013 ng/ul m
RT: 22.998 min Scan# 3385
Delta R.T. 0.006 min
Lab File: BP018914.D
Acq: 18 Dec 2023 19:17

Tgt Ion:252 Resp: 586468
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 10.6 8.0 12.0





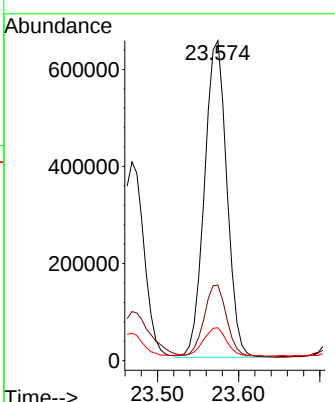
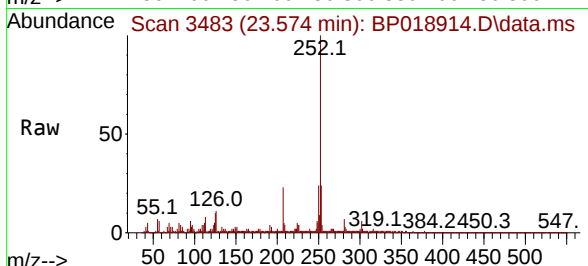
#93
 Benzo(a)pyrene
 Concen: 15.805 ng/ul
 RT: 23.574 min Scan# 3483
 Delta R.T. 0.012 min
 Lab File: BP018914.D
 Acq: 18 Dec 2023 19:17

Instrument : BNA_P
 ClientSampleId : BGRG6

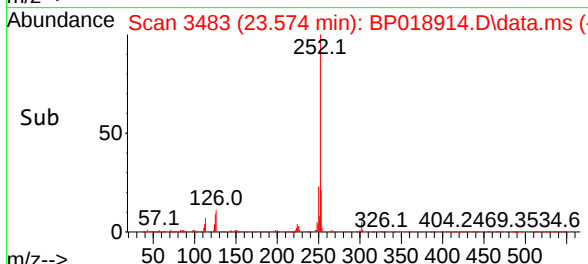
Tgt Ion:252 Resp: 1248070

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	10.3	9.2	13.8

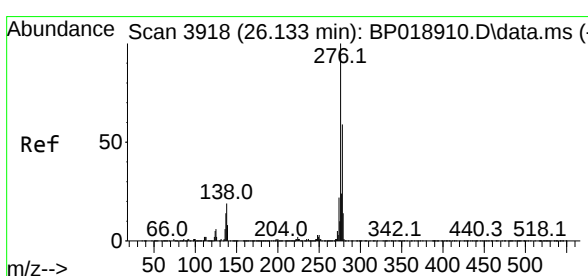
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel



12/19/2023
 Supervised By :mohammad ahmed



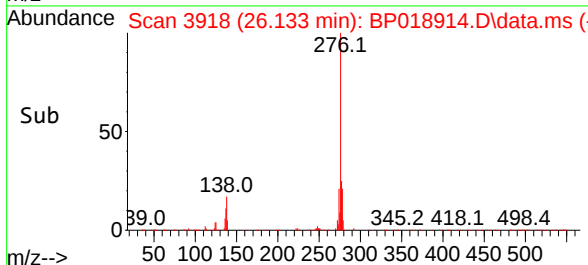
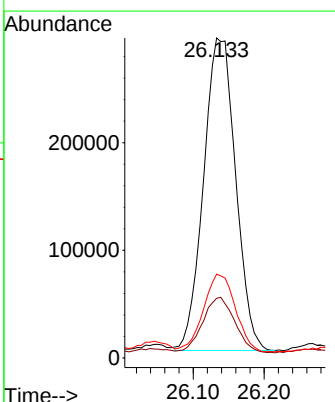
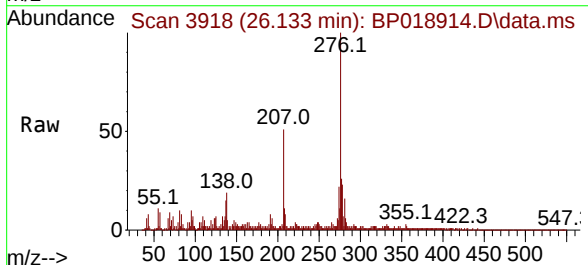
12/20/2023

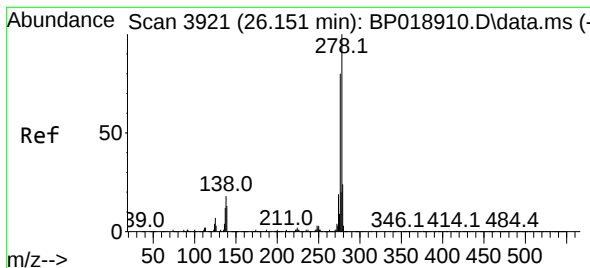


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 9.652 ng/ul
 RT: 26.133 min Scan# 3918
 Delta R.T. 0.012 min
 Lab File: BP018914.D
 Acq: 18 Dec 2023 19:17

Tgt Ion:276 Resp: 910635

Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.4	29.2#
277	26.2	19.8	29.6





#95

Dibenzo(a,h)anthracene

Concen: 3.171 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. 0.012 min

Lab File: BP018914.D

Acq: 18 Dec 2023 19:17

Instrument :

BNA_P

ClientSampleId :

BGRG6

Tgt Ion:278 Resp: 248870

Ion Ratio Lower Upper

278 100

139 19.7 13.0 19.6

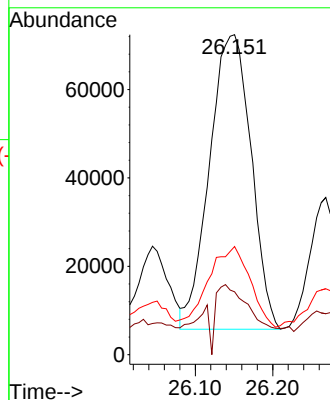
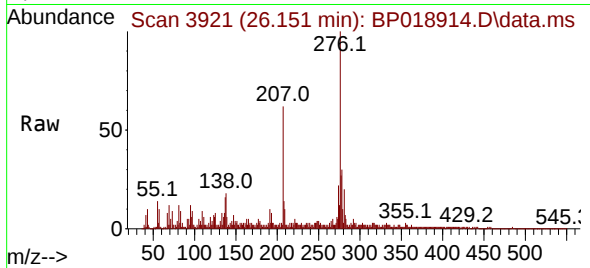
279 33.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh

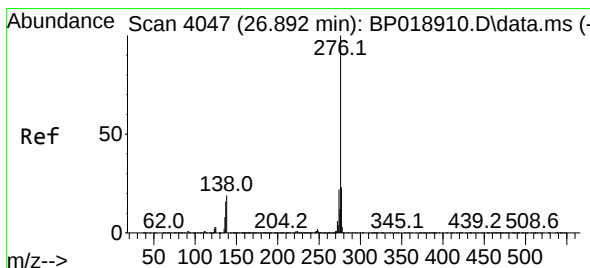
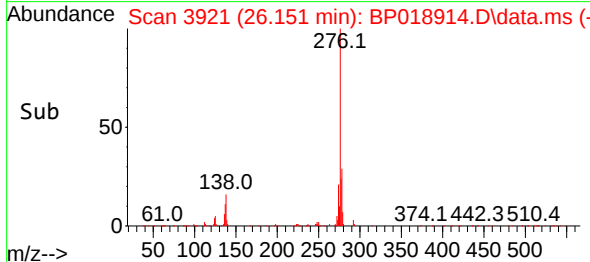
Patel



12/19/2023

Supervised By :mohammad
ahmed

12/20/2023



#96

Benzo(g,h,i)perylene

Concen: 4.959 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. 0.024 min

Lab File: BP018914.D

Acq: 18 Dec 2023 19:17

Tgt Ion:276 Resp: 376510

Ion Ratio Lower Upper

276 100

138 20.1 18.1 27.1

277 27.3 19.4 29.0

