

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021381.D
 Acq On : 05 Aug 2024 21:42
 Operator : CG/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20

Quant Time: Aug 06 00:48:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	160411	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	669049	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	471527	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	1055456	20.000	ng/u1	-0.02
79) Chrysene-d12	21.533	240	944012	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1209819	20.000	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	8528	2.419	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.852	99	187507	14.338	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	122795	15.494	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	162554	15.086	ng/u1	-0.01
15) 4-Methylphenol-d8	8.363	113	170275	15.677	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	78756	15.155	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	93995	15.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	161531	15.019	ng/u1	0.02
31) 4-Chloroaniline-d4	10.575	131	141915	9.960	ng/u1	0.02
46) Dimethylphthalate-d6	13.681	166	598825	17.470	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	659127	17.125	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.628	143	77161m	15.822	ng/u1	0.04
60) Fluorene-d10	15.281	176	534401	19.004	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	67918	10.635	ng/u1	0.01
73) Anthracene-d10	17.181	188	860395	18.354	ng/u1	-0.01
81) Pyrene-d10	19.569	212	849804	14.561	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	699324	11.720	ng/u1	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.469	105	22651	1.351	ng/u1	97
30) Naphthalene	10.428	128	926409	26.324	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	140105	5.800	ng/u1	97
37) 1-Methylnaphthalene	12.269	142	71098	2.862	ng/u1	97
43) 1,1'-Biphenyl	13.087	154	42797	1.242	ng/u1	97
50) Acenaphthylene	13.975	152	907341	20.821	ng/u1	99
52) Acenaphthene	14.322	153	155260	5.368	ng/u1	98
56) Dibenzofuran	14.681	168	179854	4.541	ng/u1	96
61) Fluorene	15.339	166	125501	3.883	ng/u1	99
72) Phenanthrene	17.122	178	643999	11.762	ng/u1	99
74) Anthracene	17.216	178	592108	10.608	ng/u1	99
77) Carbazole	17.522	167	173965	3.813	ng/u1#	91
80) Fluoranthene	19.222	202	9748804	138.317	ng/u1	98
82) Pyrene	19.604	202	14669238	204.530	ng/u1	100
85) Benzo(a)anthracene	21.516	228	9702823	146.727	ng/u1	97
87) Chrysene	21.586	228	9533114	155.142	ng/u1	97
90) Benzo(b)fluoranthene	23.810	252	13838986	188.497	ng/u1	98
91) Benzo(k)fluoranthene	23.863	252	5524249m	75.397	ng/u1	
93) Benzo(a)pyrene	24.686	252	3945511	56.870	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	3674773m	41.105	ng/u1	
95) Dibenzo(a,h)anthracene	28.615	278	1451661m	19.609	ng/u1	
96) Benzo(g,h,i)perylene	29.756	276	448978	6.167	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 00:48:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

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

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

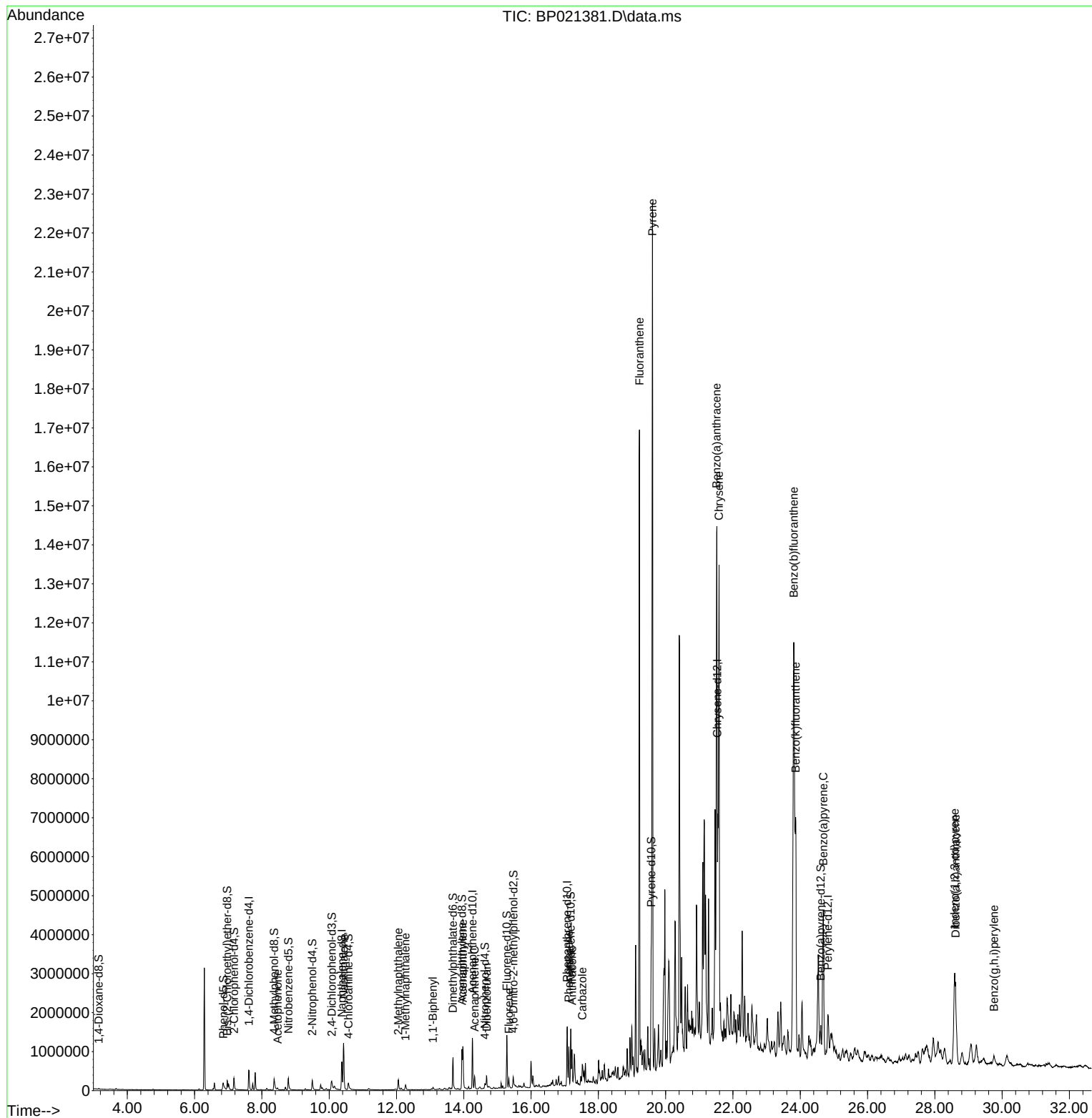
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

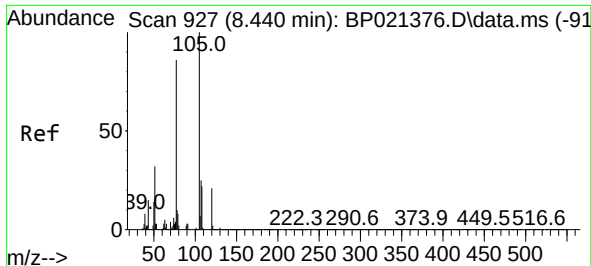
Instrument :
BNA_P
ClientSampleId :
F7E20

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

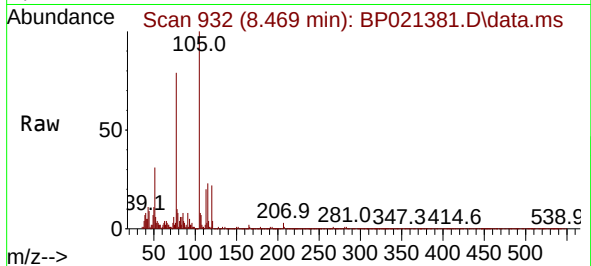
Quant Time: Aug 06 00:48:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.351 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

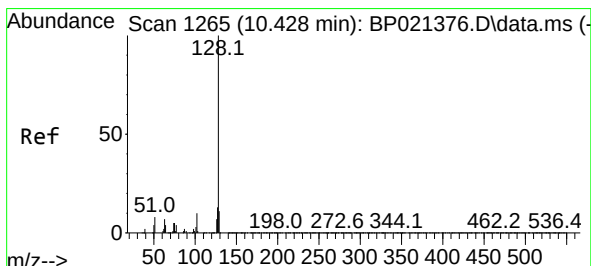
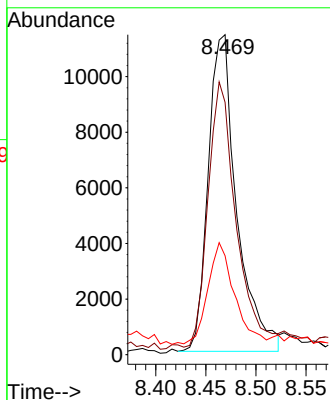
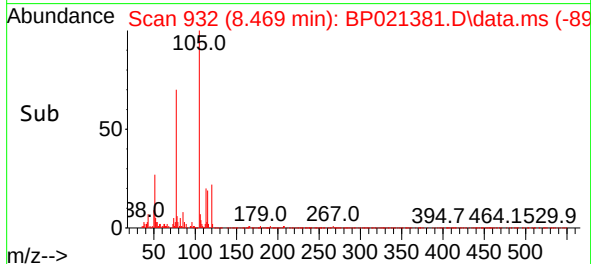
Instrument :
BNA_P
ClientSampleId :
F7E20



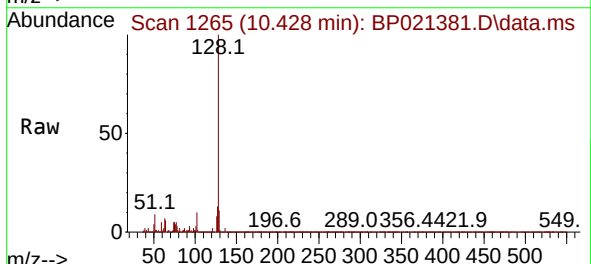
Tgt Ion:105 Resp: 2265
Ion Ratio Lower Upper
105 100
77 78.8 61.8 92.8
51 30.9 21.5 32.3

Manual Integrations
APPROVED

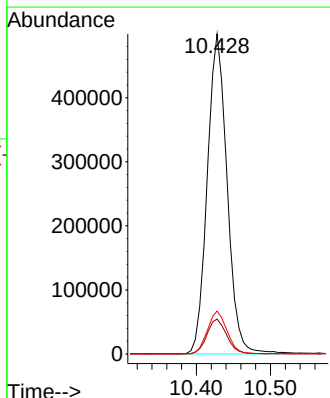
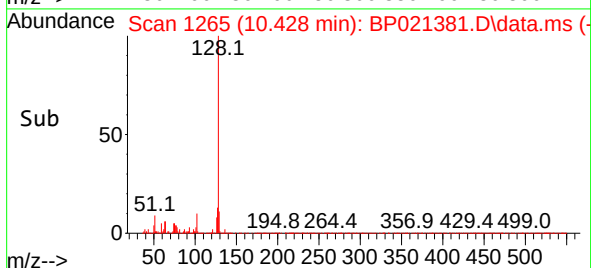
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

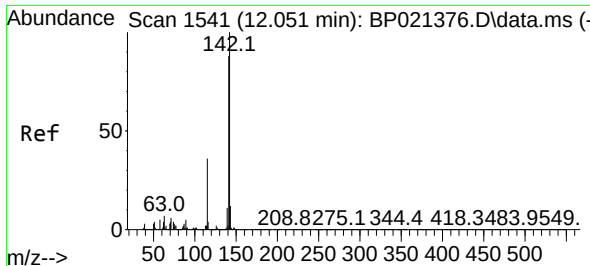


#30
Naphthalene
Concen: 26.324 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.011 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42



Tgt Ion:128 Resp: 926409
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.8 16.2





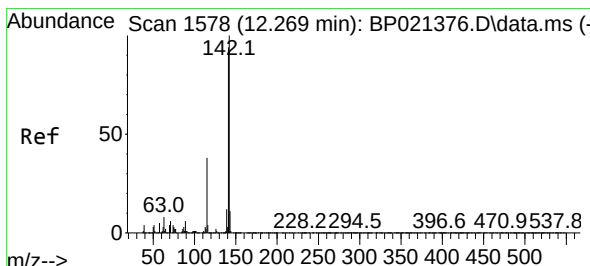
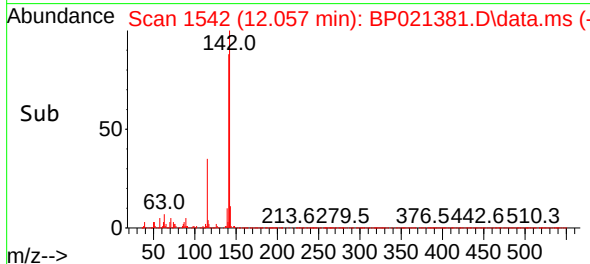
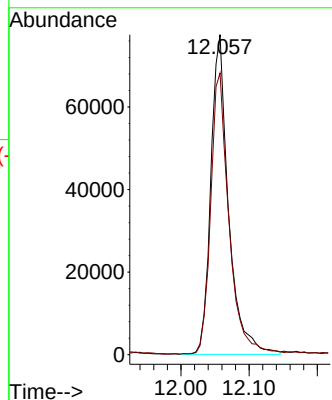
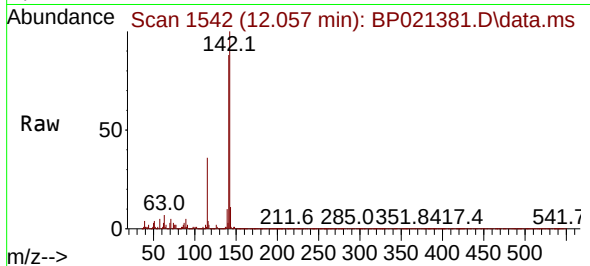
#36
2-Methylnaphthalene
Concen: 5.800 ng/ul
RT: 12.057 min Scan# 1541
Delta R.T. -0.011 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

Instrument :
BNA_P
ClientSampleId :
F7E20

Tgt Ion:142 Resp: 14010
Ion Ratio Lower Upper
142 100
141 88.0 72.6 108.8

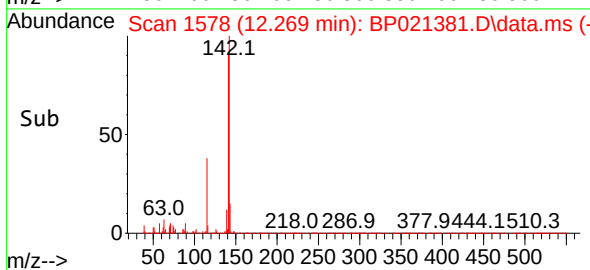
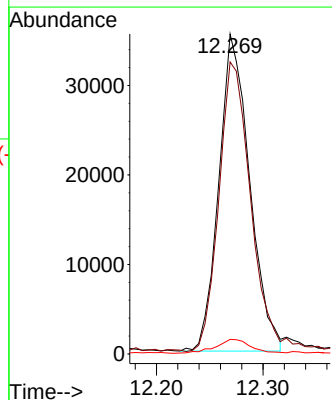
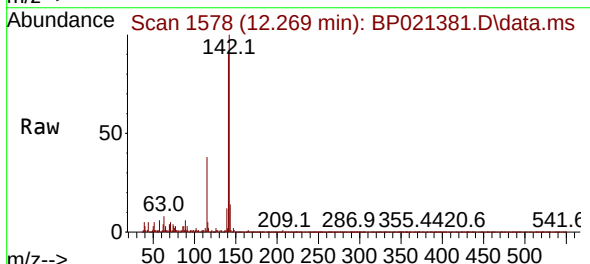
Manual Integrations
APPROVED

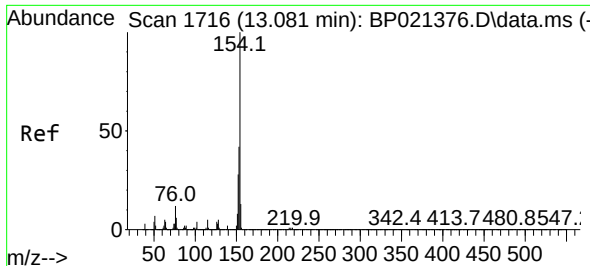
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#37
1-Methylnaphthalene
Concen: 2.862 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

Tgt Ion:142 Resp: 71098
Ion Ratio Lower Upper
142 100
141 91.2 75.0 112.6
116 4.6 3.2 4.8





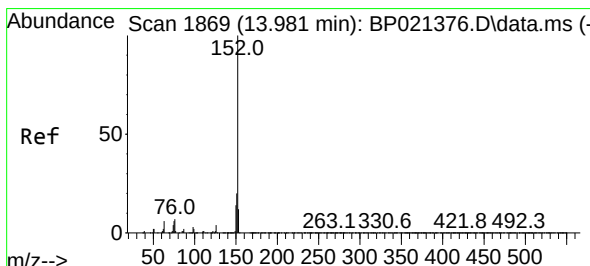
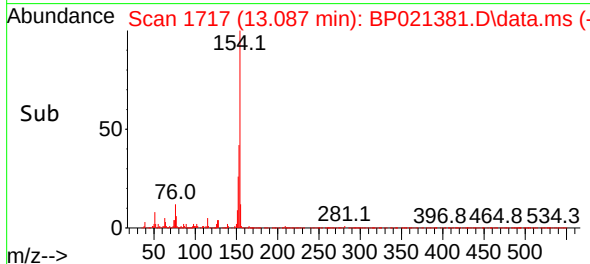
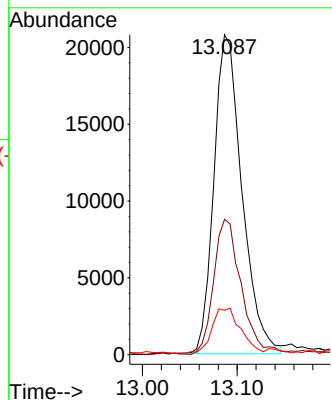
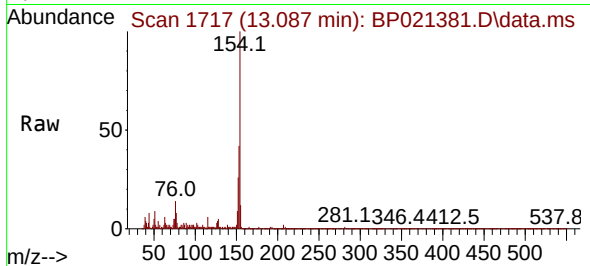
#43
1,1'-Biphenyl
Concen: 1.242 ng/ul
RT: 13.087 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

Instrument :
BNA_P
ClientSampleId :
F7E20

Tgt Ion:154 Resp: 4279
Ion Ratio Lower Upper
154 100
153 42.3 32.7 49.1
76 13.9 9.4 14.2

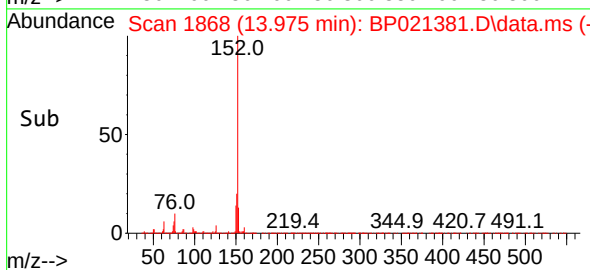
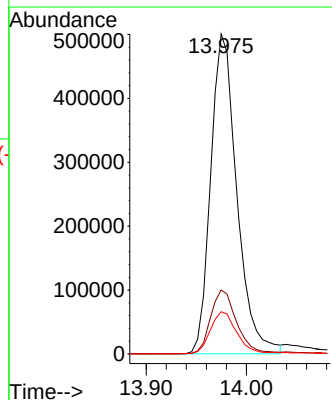
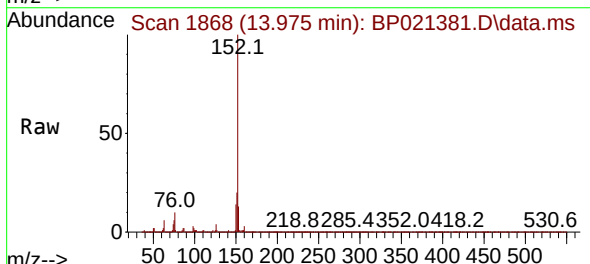
Manual Integrations
APPROVED

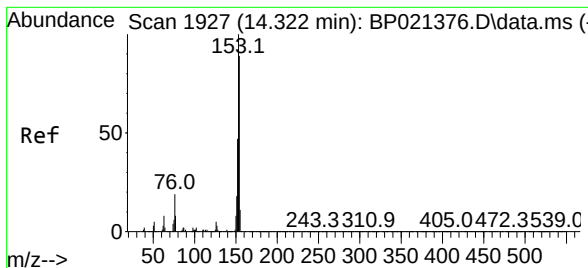
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#50
Acenaphthylene
Concen: 20.821 ng/ul
RT: 13.975 min Scan# 1868
Delta R.T. -0.017 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

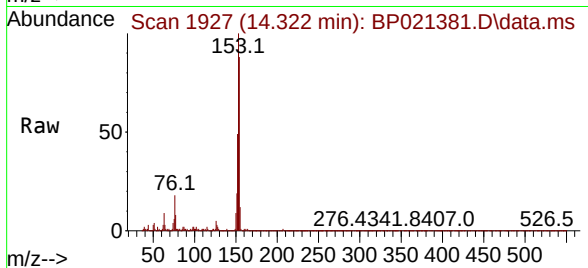
Tgt Ion:152 Resp: 907341
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.3 15.5





#52
Acenaphthene
Concen: 5.368 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. -0.017 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

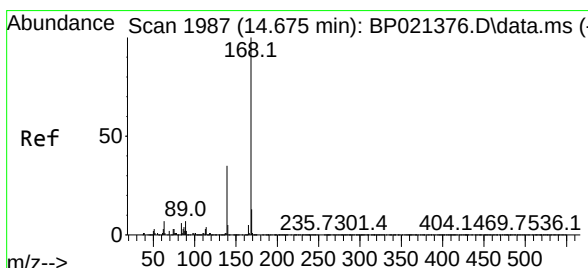
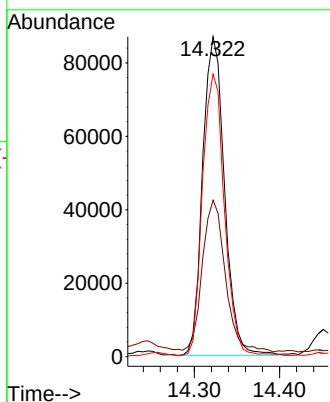
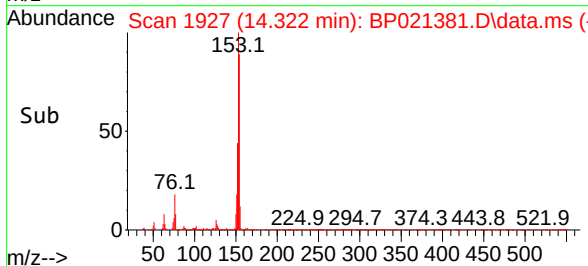
Instrument : BNA_P
ClientSampleId : F7E20



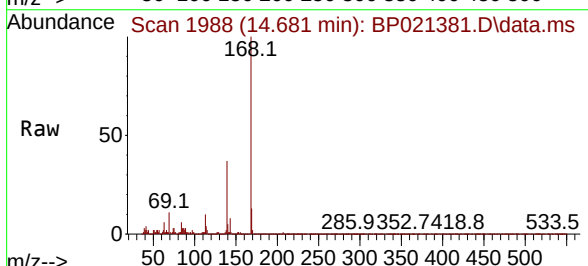
Tgt Ion:153 Resp: 155260
Ion Ratio Lower Upper
153 100
152 48.9 37.8 56.6
154 88.3 71.8 107.6

Manual Integrations
APPROVED

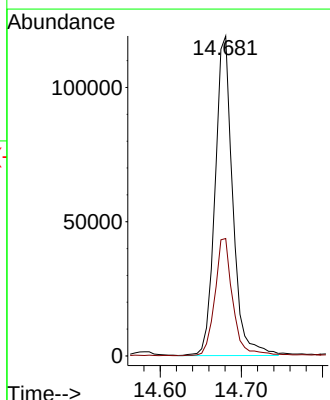
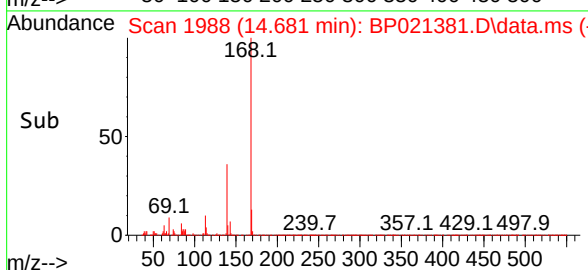
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

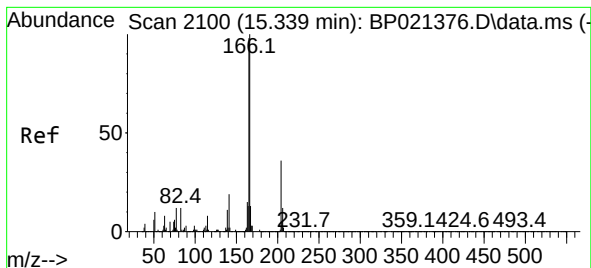


#56
Dibenzofuran
Concen: 4.541 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42



Tgt Ion:168 Resp: 179854
Ion Ratio Lower Upper
168 100
139 36.7 31.1 46.7





#61

Fluorene

Concen: 3.883 ng/ul

RT: 15.339 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNA_P

ClientSampleId :

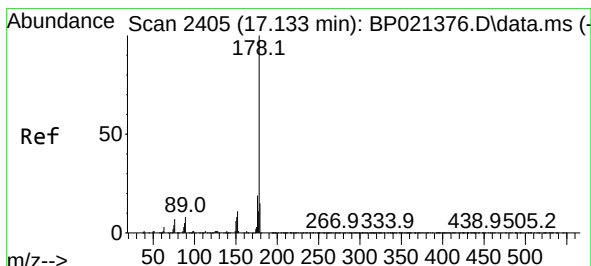
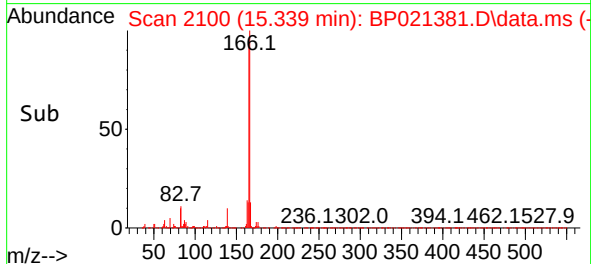
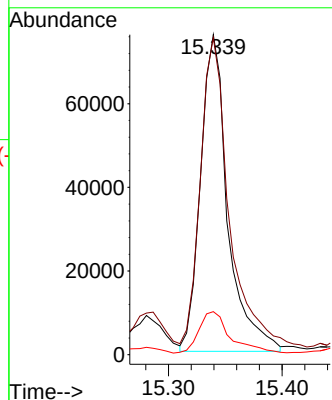
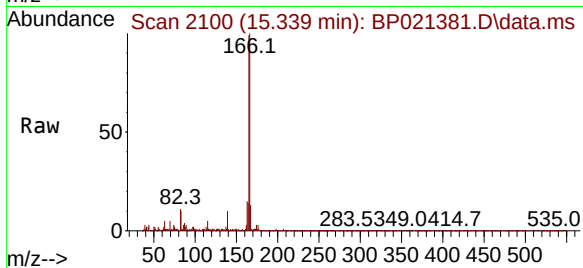
F7E20

Tgt Ion:166	Resp: 125500
Ion Ratio	Lower Upper
166	100
165	99.0 78.1 117.1
167	13.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#72

Phenanthrene

Concen: 11.762 ng/ul

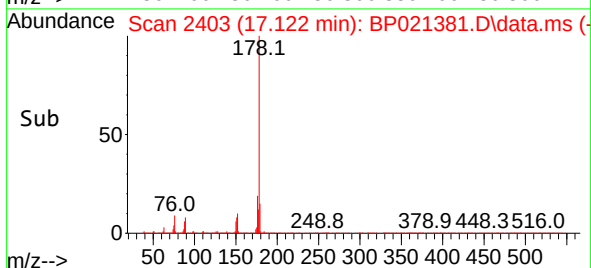
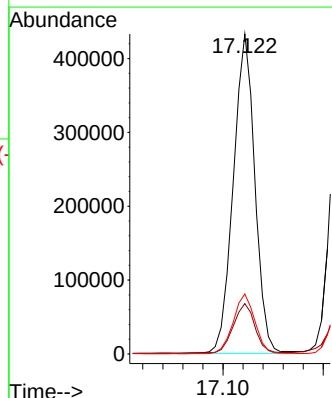
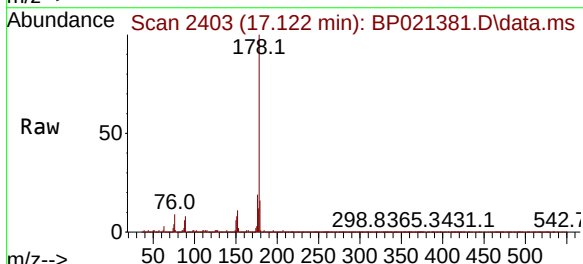
RT: 17.122 min Scan# 2403

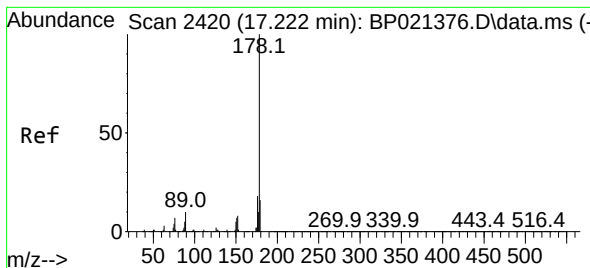
Delta R.T. -0.011 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Tgt Ion:178	Resp: 643999
Ion Ratio	Lower Upper
178	100
179	15.7 12.2 18.4
176	18.8 15.0 22.4





#74

Anthracene

Concen: 10.608 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNA_P

ClientSampleId :

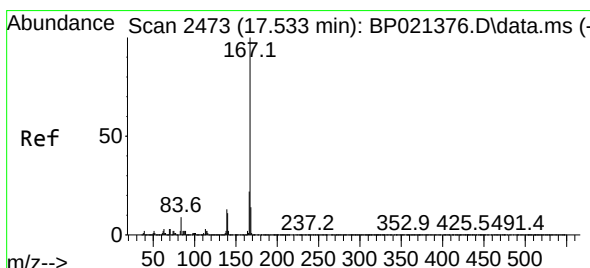
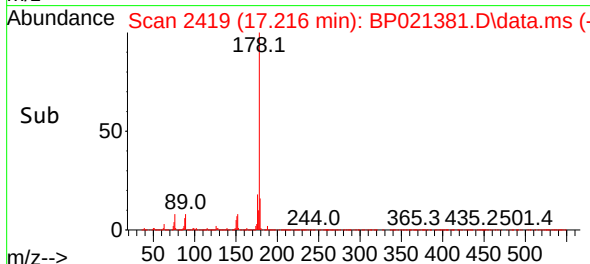
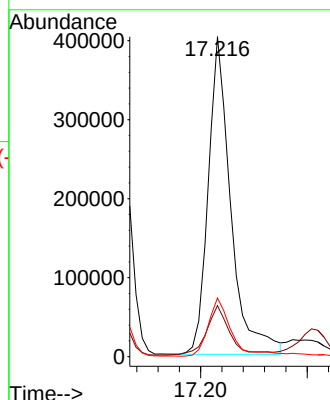
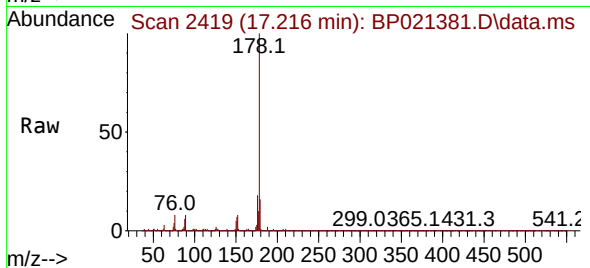
F7E20

Tgt Ion:178	Resp: 592108
Ion Ratio	Lower Upper
178 100	
179 15.9	12.5 18.7
176 18.3	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#77

Carbazole

Concen: 3.813 ng/ul

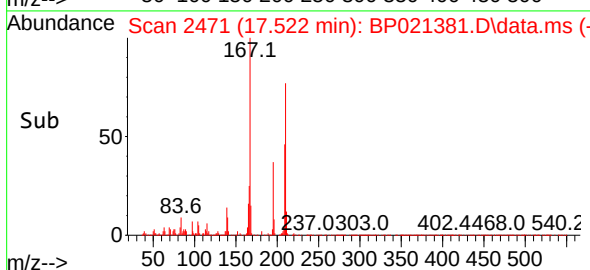
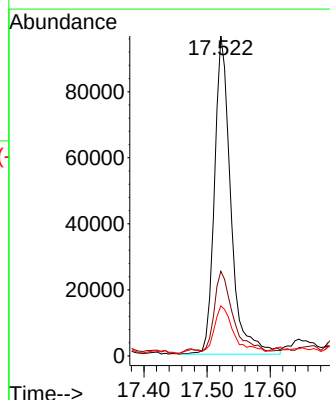
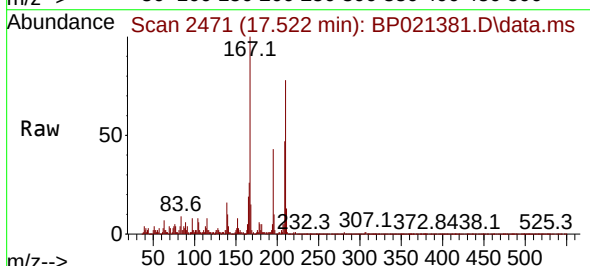
RT: 17.522 min Scan# 2471

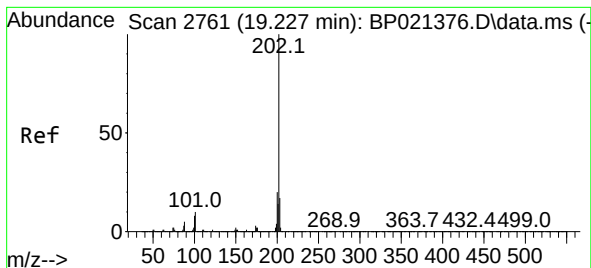
Delta R.T. 0.000 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

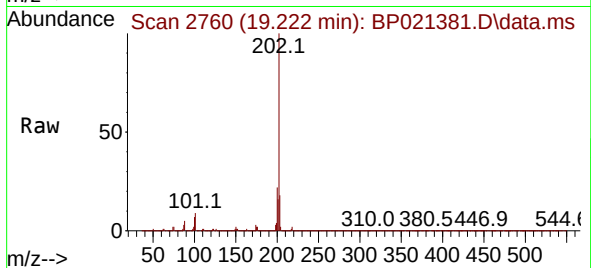
Tgt Ion:167	Resp: 173965
Ion Ratio	Lower Upper
167 100	
166 26.4	17.3 25.9#
139 15.7	10.2 15.2#





#80
Fluoranthene
Concen: 138.317 ng/u1
RT: 19.222 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

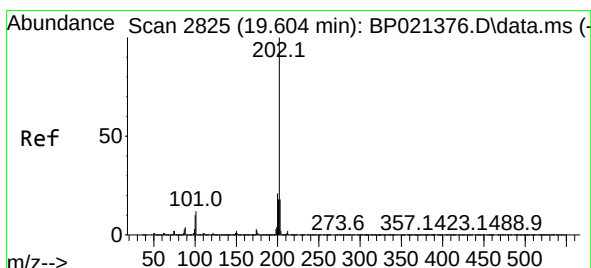
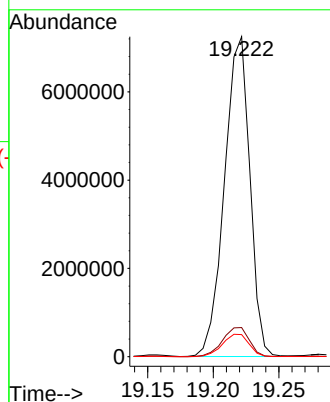
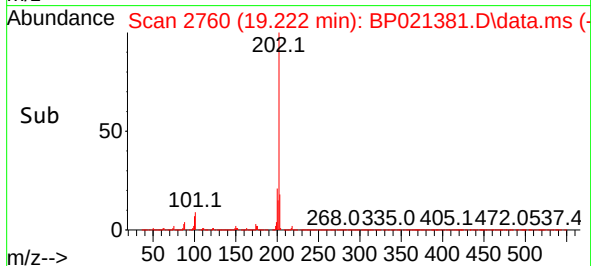
Instrument :
BNA_P
ClientSampleId :
F7E20



Tgt Ion:202 Resp: 9748804
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 6.9 6.1 9.1

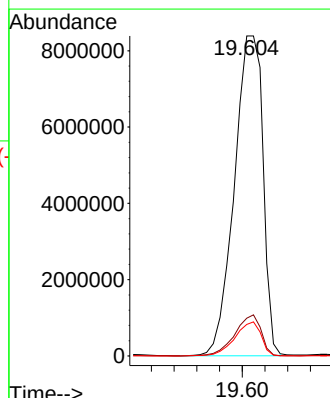
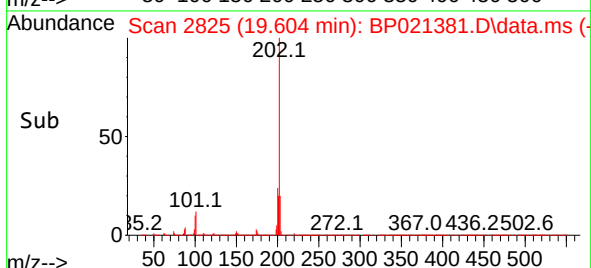
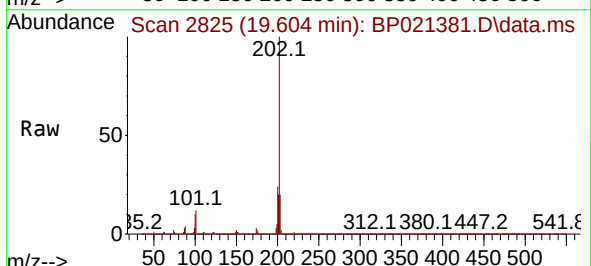
Manual Integrations
APPROVED

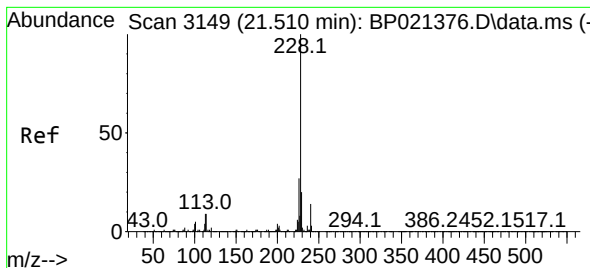
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#82
Pyrene
Concen: 204.530 ng/u1
RT: 19.604 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP021381.D
Acq: 05 Aug 2024 21:42

Tgt Ion:202 Resp:14669238
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.9 7.8 11.6





#85

Benzo(a)anthracene

Concen: 146.727 ng/ul

RT: 21.516 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNA_P

ClientSampleId :

F7E20

Tgt Ion:228 Resp: 970282

Ion Ratio Lower Upper

228 100

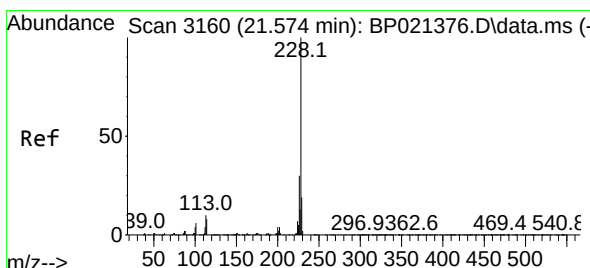
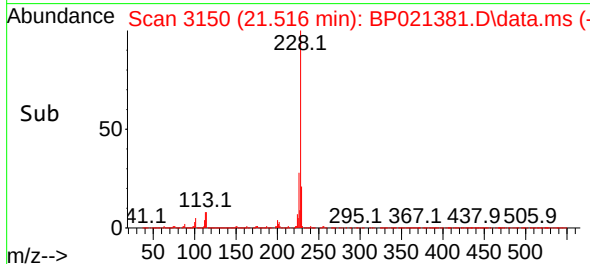
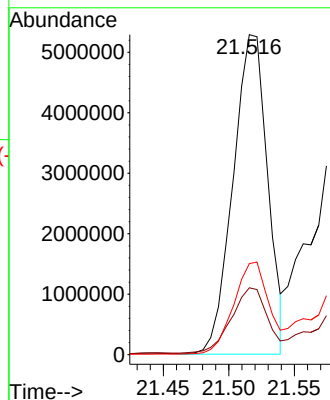
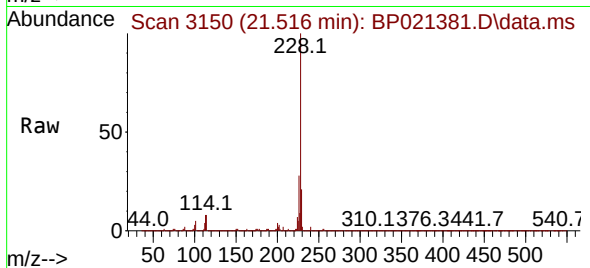
229 20.9 15.5 23.3

226 28.4 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#87

Chrysene

Concen: 155.142 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. 0.000 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

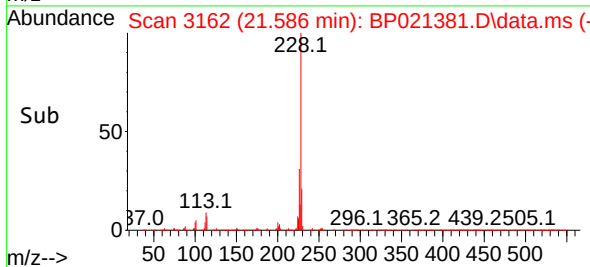
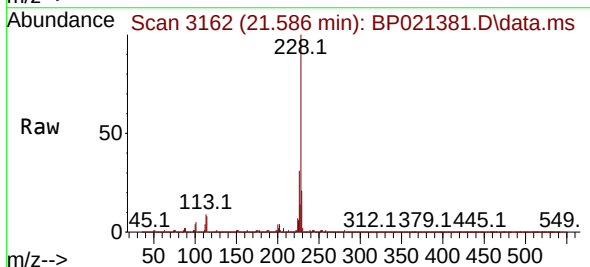
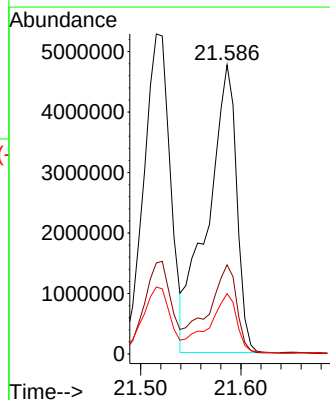
Tgt Ion:228 Resp: 9533114

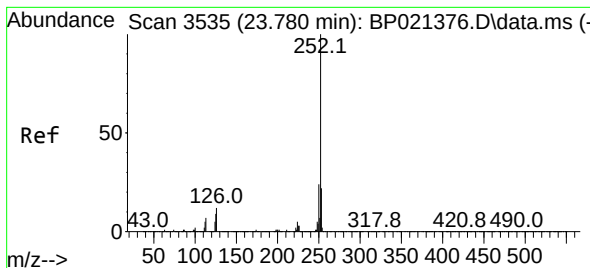
Ion Ratio Lower Upper

228 100

226 30.8 23.6 35.4

229 20.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 188.497 ng/ul

RT: 23.810 min Scan# 3540

Delta R.T. 0.024 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNP_P

ClientSampleId :

F7E20

Tgt Ion:252 Resp:1383898

Ion Ratio Lower Upper

252 100

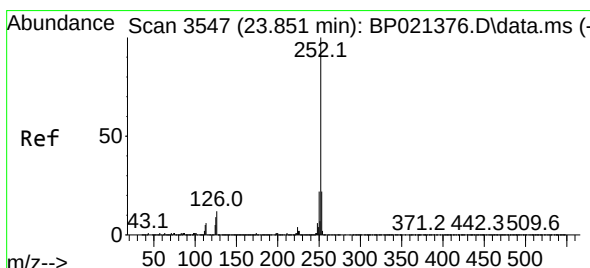
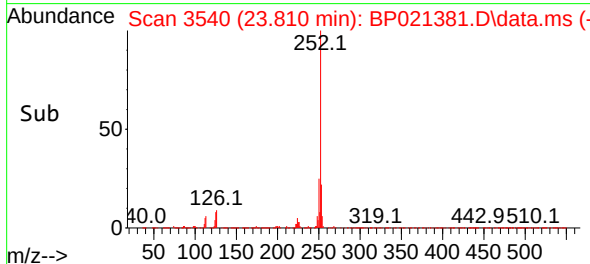
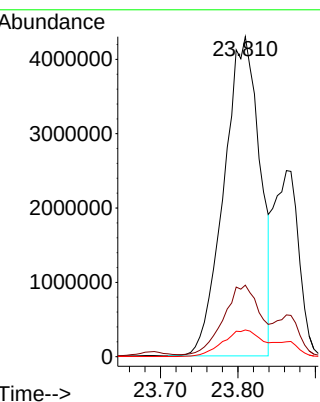
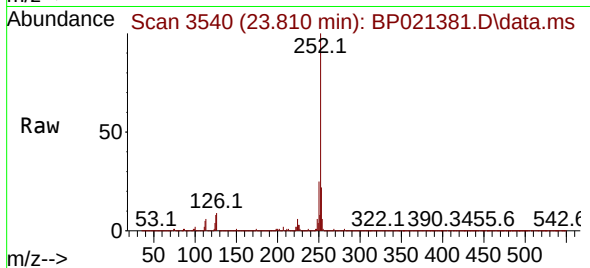
253 22.3 17.1 25.7

125 8.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#91

Benzo(k)fluoranthene

Concen: 75.397 ng/ul m

RT: 23.863 min Scan# 3549

Delta R.T. 0.012 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

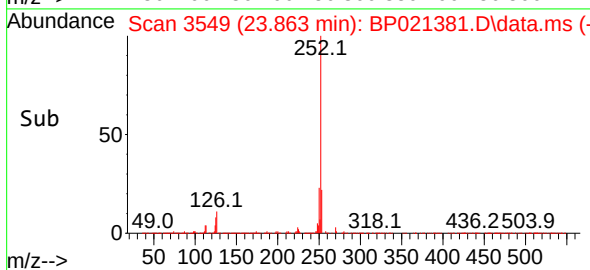
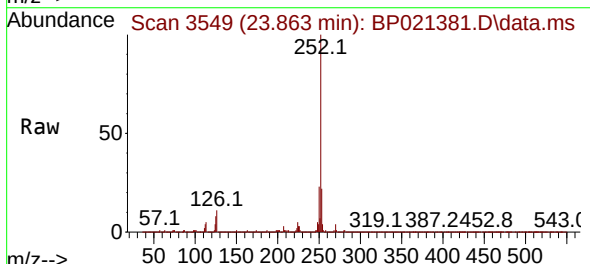
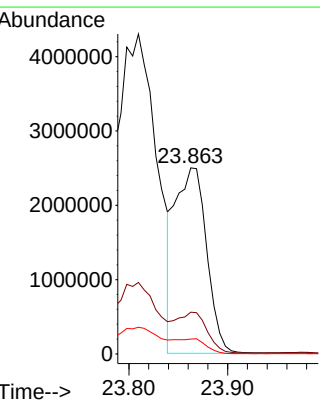
Tgt Ion:252 Resp: 5524249

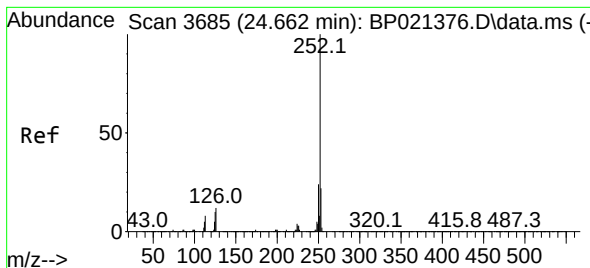
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 8.0 7.4 11.0





#93

Benzo(a)pyrene

Concen: 56.870 ng/ul

RT: 24.686 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNA_P

ClientSampleId :

F7E20

Tgt Ion:252 Resp: 394551

Ion Ratio Lower Upper

252 100

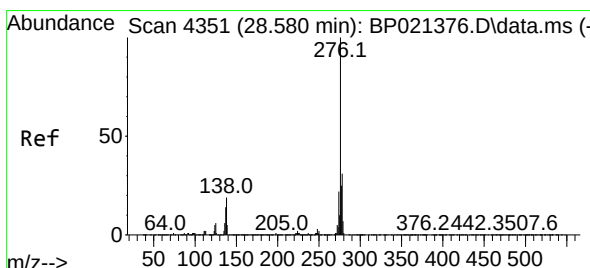
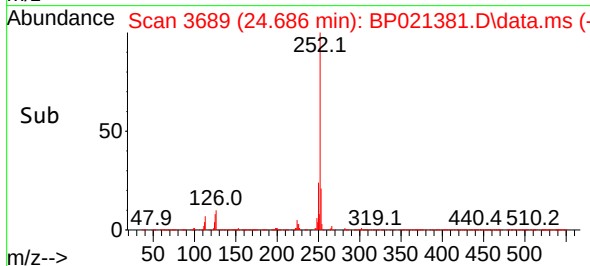
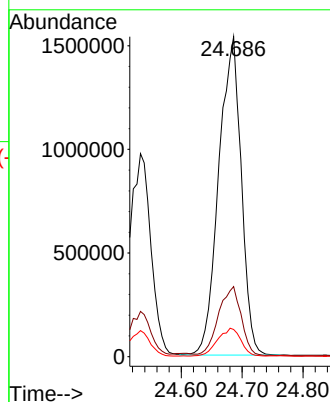
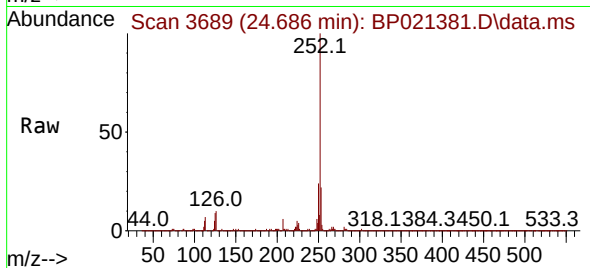
253 21.9 17.4 26.0

125 8.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.105 ng/ul m

RT: 28.592 min Scan# 4353

Delta R.T. -0.006 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

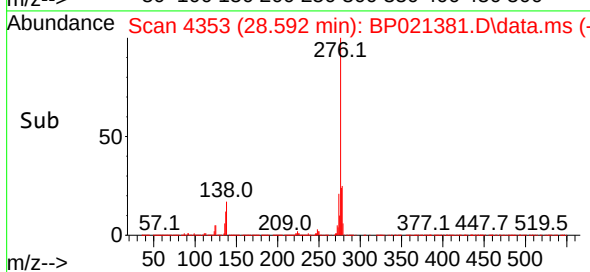
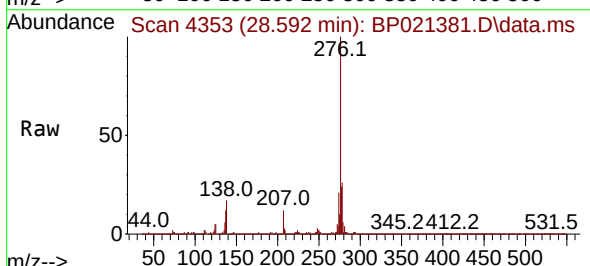
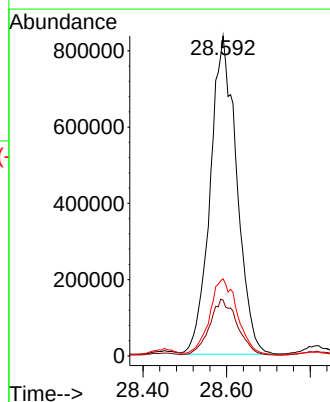
Tgt Ion:276 Resp: 3674773

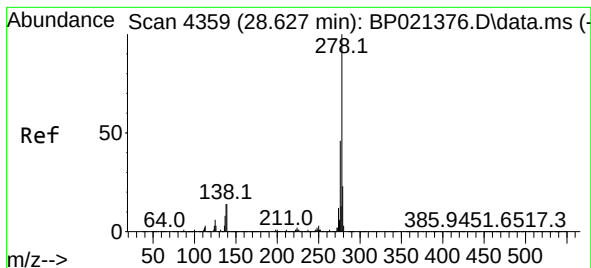
Ion Ratio Lower Upper

276 100

138 17.4 14.3 21.5

277 24.1 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 19.609 ng/ul m

RT: 28.615 min Scan# 4

Delta R.T. -0.023 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Instrument :

BNA_P

ClientSampleId :

F7E20

Tgt Ion:278 Resp: 145166

Ion Ratio Lower Upper

278 100

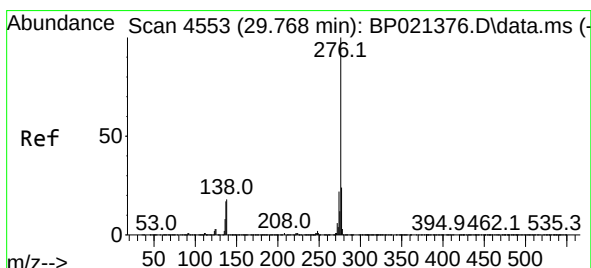
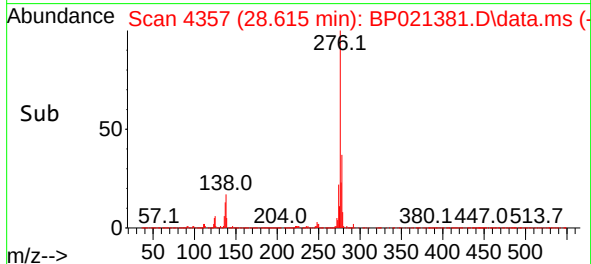
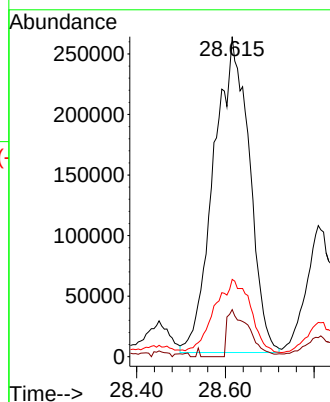
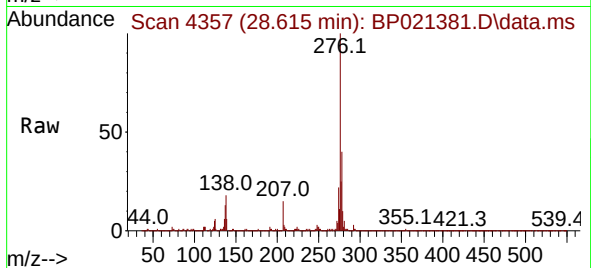
139 14.7 10.9 16.3

279 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#96

Benzo(g,h,i)perylene

Concen: 6.167 ng/ul

RT: 29.756 min Scan# 4551

Delta R.T. -0.006 min

Lab File: BP021381.D

Acq: 05 Aug 2024 21:42

Tgt Ion:276 Resp: 448978

Ion Ratio Lower Upper

276 100

138 20.4 15.3 22.9

277 26.9 18.2 27.2

