

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021383.D
 Acq On : 05 Aug 2024 23:16
 Operator : CG/JU
 Sample : P3329-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E25

Quant Time: Aug 06 01:11:17 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	7.611	152	164094	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	678333	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	481498	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	954577	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	923661	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1171001	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6410	1.778	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.846	99	152187	11.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	90407	11.151	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.169	132	133801	12.139	ng/u1	-0.01
15) 4-Methylphenol-d8	8.358	113	139290	12.536	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	77246	14.661	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	80768	13.394	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.052	165	144254	13.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	236850	16.396	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	498707	14.248	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	565282	14.383	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.622	143	87712m	17.612	ng/u1	0.04
60) Fluorene-d10	15.281	176	456519	15.898	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	9656m	1.672	ng/u1	0.04
73) Anthracene-d10	17.198	188	693304	16.352	ng/u1	0.00
81) Pyrene-d10	19.569	212	707270	12.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	619368	10.724	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.452	105	27859	1.625	ng/u1#	96
30) Naphthalene	10.434	128	31124288m	872.298	ng/u1	
36) 2-Methylnaphthalene	12.057	142	11568164	472.312	ng/u1	99
37) 1-Methylnaphthalene	12.269	142	5898618	234.163	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	3490171	99.185	ng/u1	100
50) Acenaphthylene	13.981	152	772761	17.366	ng/u1#	92
52) Acenaphthene	14.334	153	10805648	365.854	ng/u1	98
56) Dibenzofuran	14.681	168	12228984	302.356	ng/u1	99
61) Fluorene	15.357	166	12351189	374.223	ng/u1	100
72) Phenanthrene	17.140	178	30424316m	614.389	ng/u1	
74) Anthracene	17.234	178	7965634	157.787	ng/u1	99
77) Carbazole	17.534	167	3935874	95.372	ng/u1	98
80) Fluoranthene	19.228	202	24383037m	353.571	ng/u1	
82) Pyrene	19.610	202	17631059	251.243	ng/u1	99
85) Benzo(a)anthracene	21.516	228	9506352	146.923	ng/u1	96
87) Chrysene	21.580	228	7225222	120.174	ng/u1	96
90) Benzo(b)fluoranthene	23.792	252	7064371	99.411	ng/u1	97
91) Benzo(k)fluoranthene	23.845	252	2419298	34.114	ng/u1	98
93) Benzo(a)pyrene	24.663	252	2397238	35.699	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.568	276	1221196	14.113	ng/u1	97
95) Dibenzo(a,h)anthracene	28.615	278	518384m	7.234	ng/u1	
96) Benzo(g,h,i)perylene	29.739	276	144203m	2.046	ng/u1	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual Integrations
APPROVED

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

Quant Time: Aug 06 01:11:17 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						

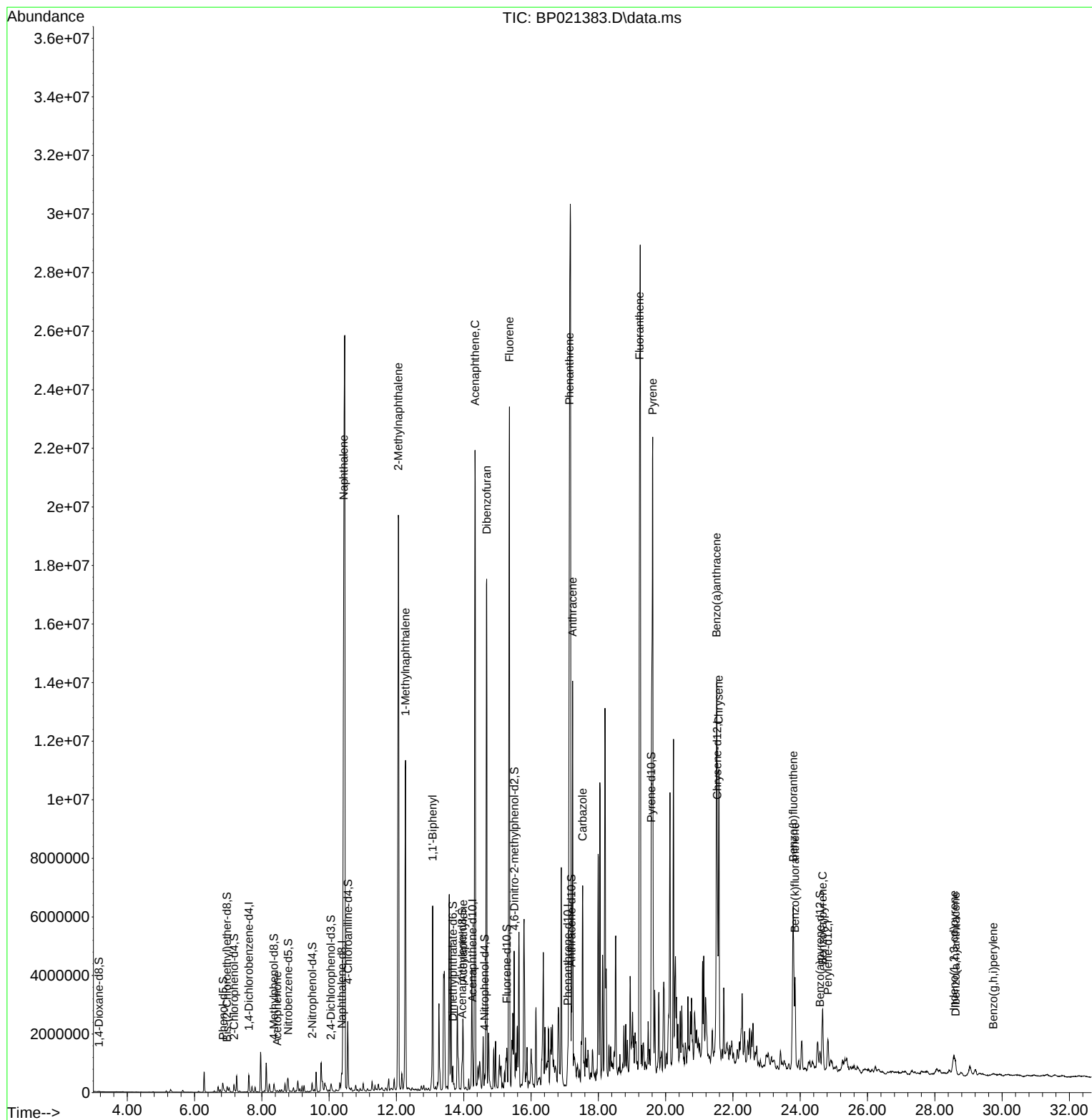
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021383.D
 Acq On : 05 Aug 2024 23:16
 Operator : CG/JU
 Sample : P3329-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

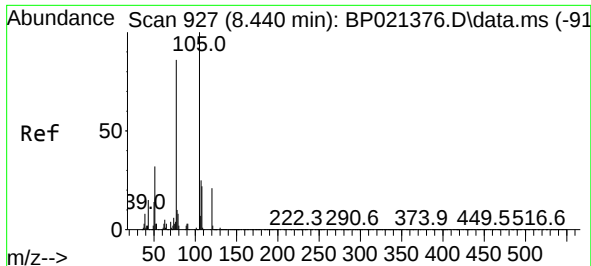
Instrument :
 BNA_P
 ClientSampleId :
 F7E25

Manual Integrations APPROVED

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

Quant Time: Aug 06 01:11:17 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





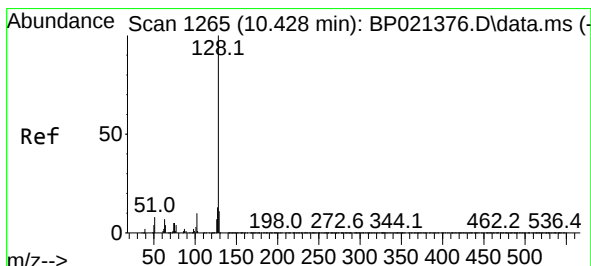
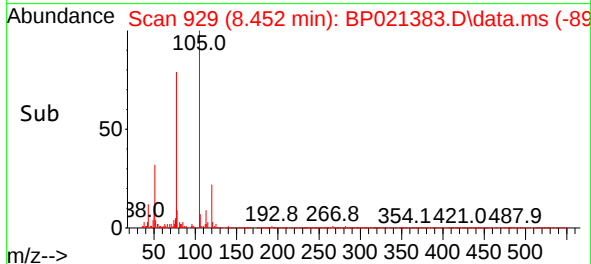
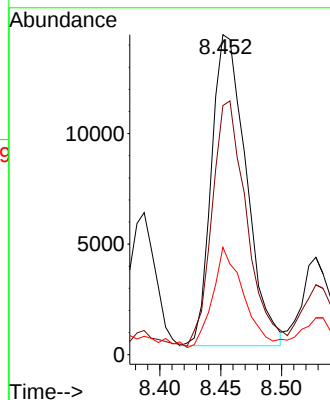
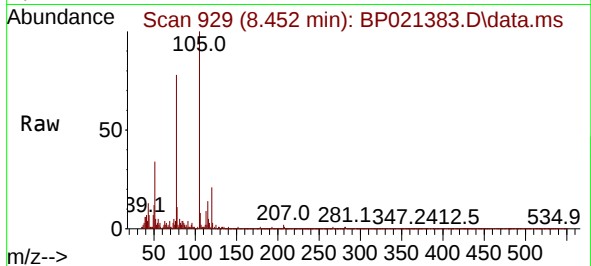
#16
Acetophenone
Concen: 1.625 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

Instrument :
BNA_P
ClientSampleId :
F7E25

Tgt Ion:105 Resp: 2785
Ion Ratio Lower Upper
105 100
77 77.9 61.8 92.8
51 33.5 21.5 32.3

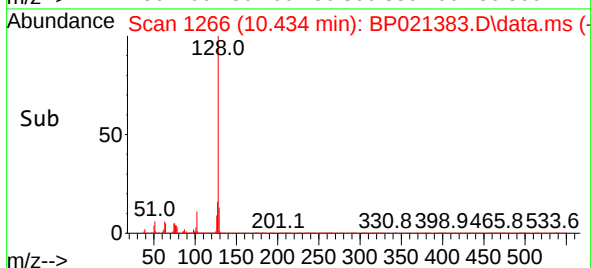
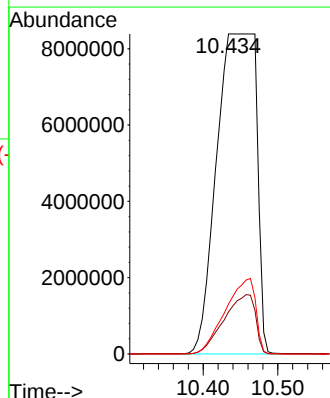
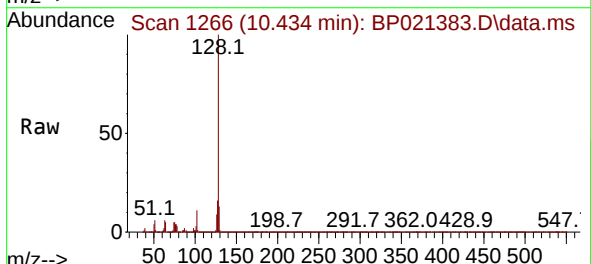
Manual Integrations
APPROVED

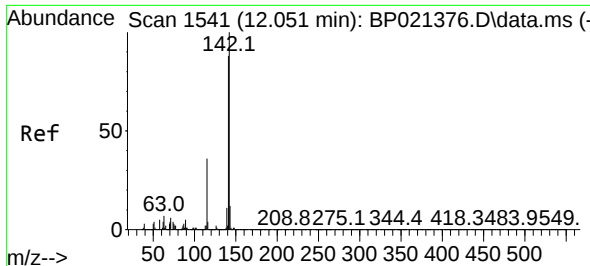
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#30
Naphthalene
Concen: 872.298 ng/ul m
RT: 10.434 min Scan# 1266
Delta R.T. -0.005 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

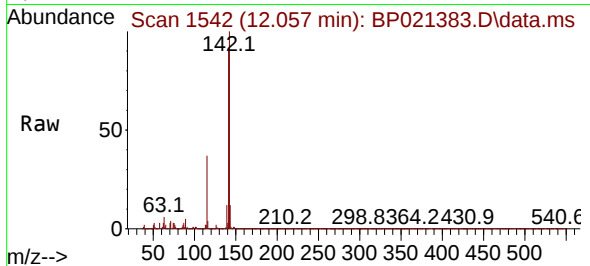
Tgt Ion:128 Resp:31124288
Ion Ratio Lower Upper
128 100
129 13.2 8.6 13.0#
127 15.6 10.8 16.2





#36
2-Methylnaphthalene
Concen: 472.312 ng/ul
RT: 12.057 min Scan# 1541
Delta R.T. -0.011 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

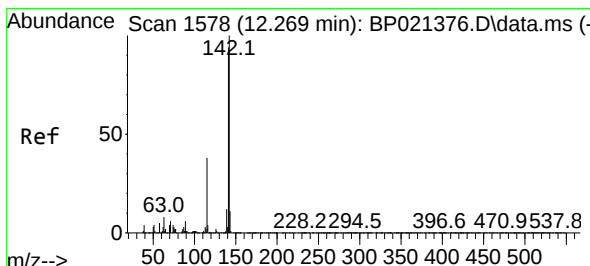
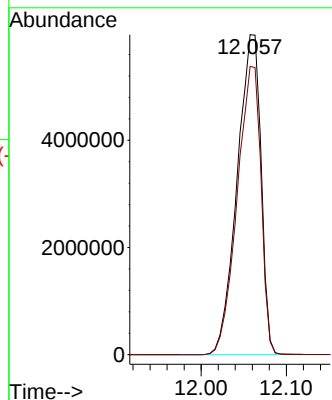
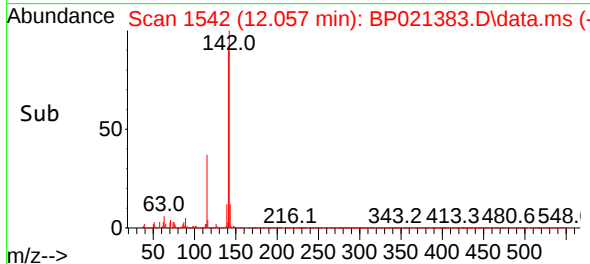
Instrument :
BNA_P
ClientSampleId :
F7E25



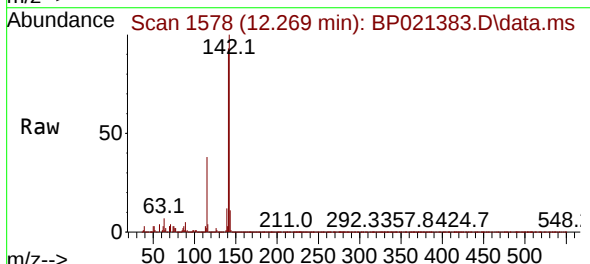
Tgt Ion:142 Resp:1156816
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8

Manual Integrations
APPROVED

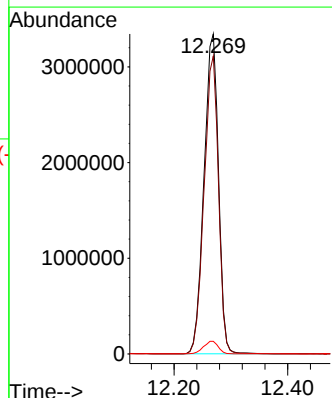
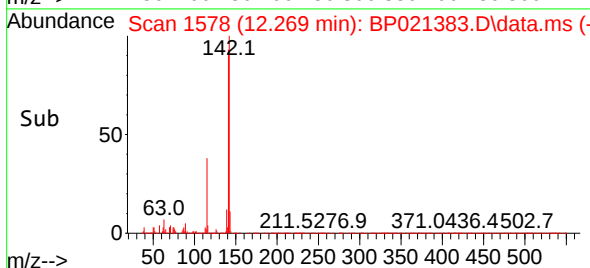
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

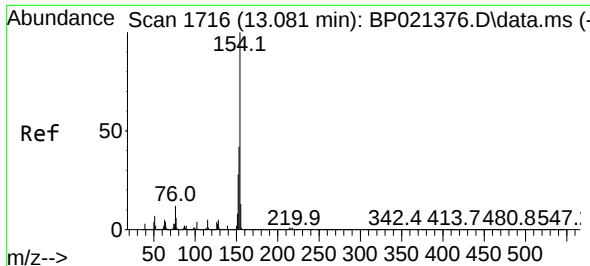


#37
1-Methylnaphthalene
Concen: 234.163 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16



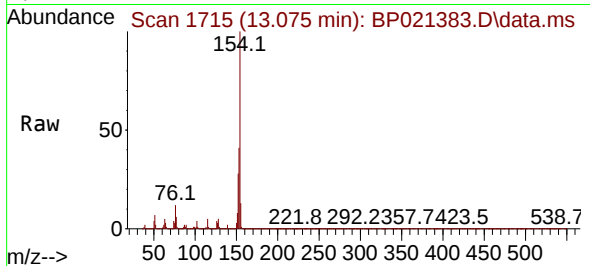
Tgt Ion:142 Resp: 5898618
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.6
116 3.9 3.2 4.8





#43
1,1'-Biphenyl
Concen: 99.185 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

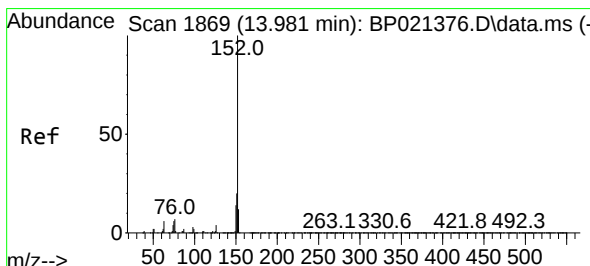
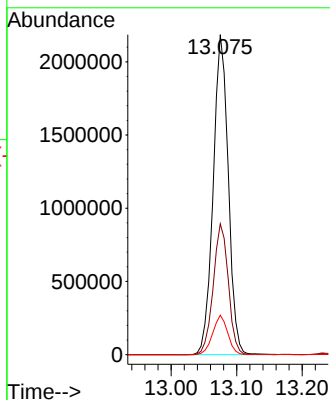
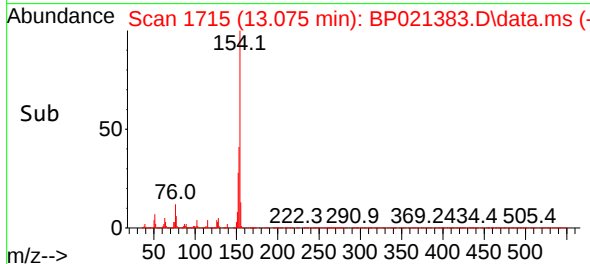
Instrument :
BNA_P
ClientSampleId :
F7E25



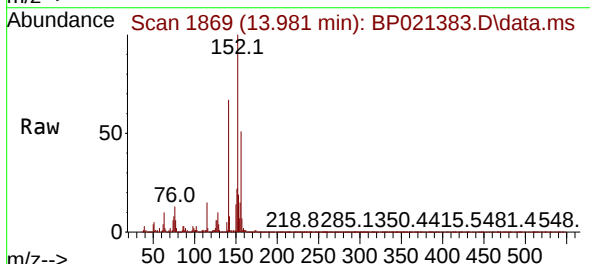
Tgt Ion:154 Resp: 349017
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 12.4 9.4 14.2

Manual Integrations
APPROVED

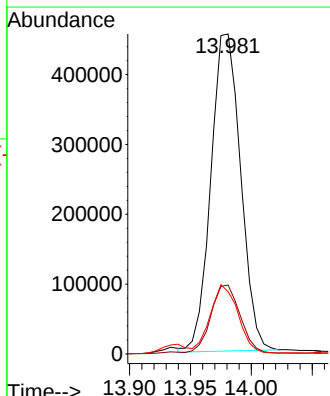
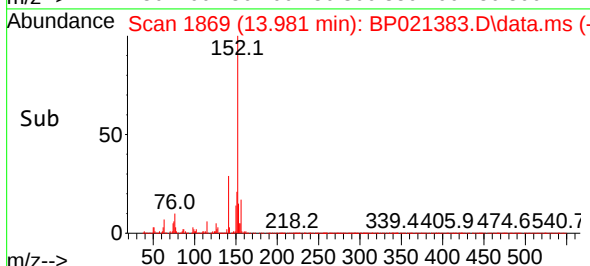
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

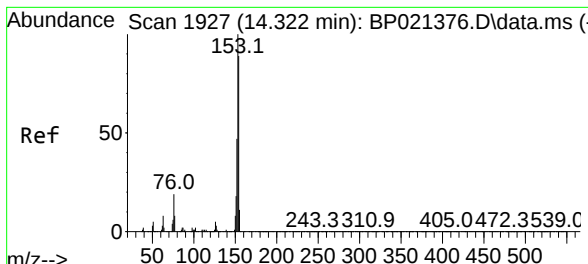


#50
Acenaphthylene
Concen: 17.366 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16



Tgt Ion:152 Resp: 772761
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 19.5 10.3 15.5#





#52
 Acenaphthene
 Concen: 365.854 ng/ul
 RT: 14.334 min Scan# 1929
 Delta R.T. -0.005 min
 Lab File: BP021383.D
 Acq: 05 Aug 2024 23:16

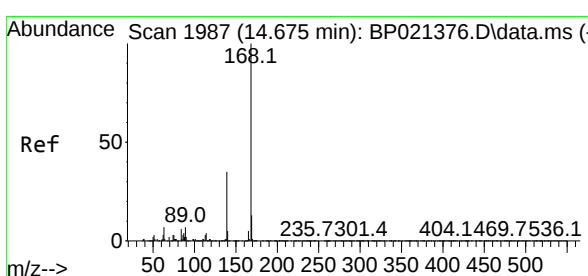
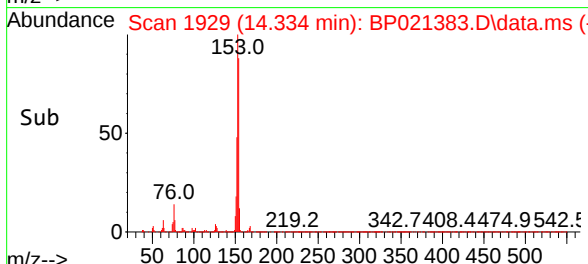
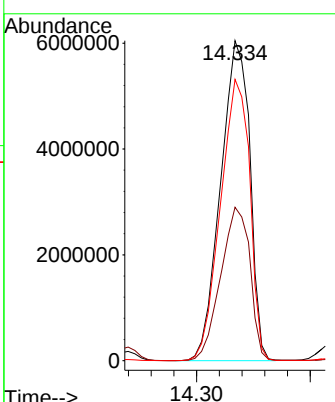
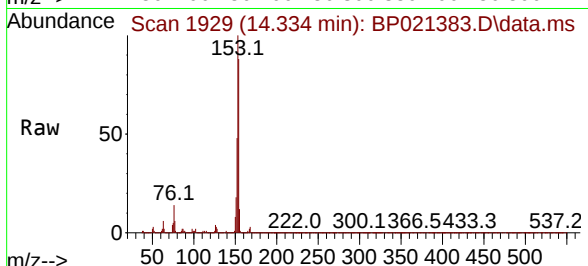
Instrument : BNA_P
 ClientSampleId : F7E25

Tgt Ion:153 Resp:1080564

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.8	56.6
154	87.9	71.8	107.6

Manual Integrations
 APPROVED

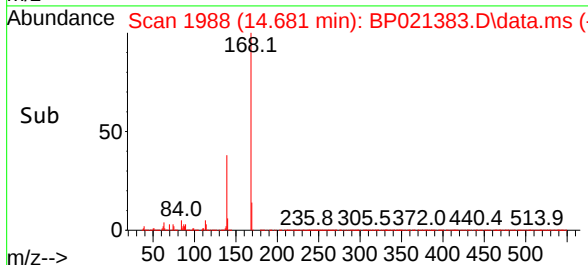
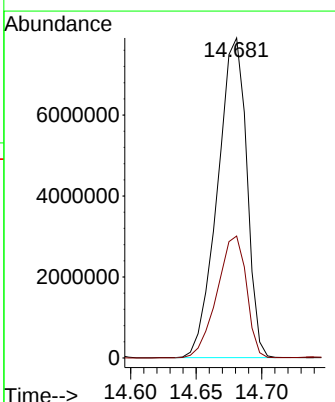
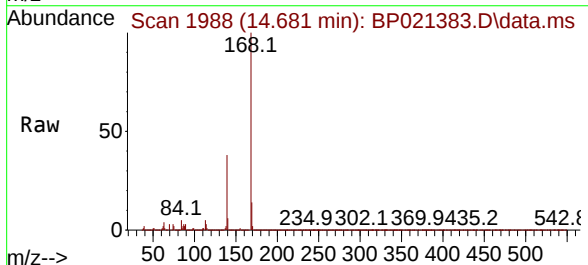
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

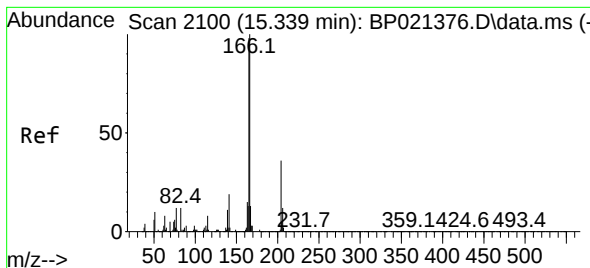


#56
 Dibenzofuran
 Concen: 302.356 ng/ul
 RT: 14.681 min Scan# 1988
 Delta R.T. -0.005 min
 Lab File: BP021383.D
 Acq: 05 Aug 2024 23:16

Tgt Ion:168 Resp:12228984

Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.1	46.7





#61

Fluorene

Concen: 374.223 ng/ul

RT: 15.357 min Scan# 2103

Delta R.T. 0.012 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

Instrument :

BNA_P

ClientSampleId :

F7E25

Tgt Ion:166 Resp:12351189

Ion Ratio Lower Upper

166 100

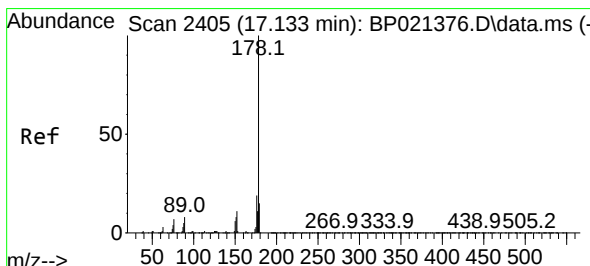
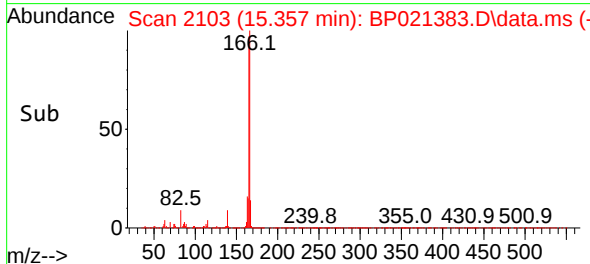
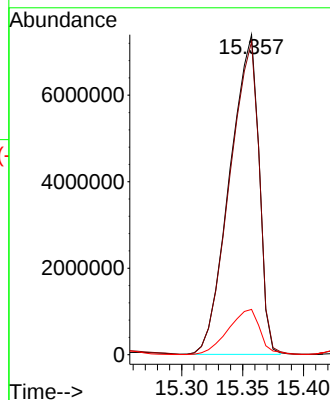
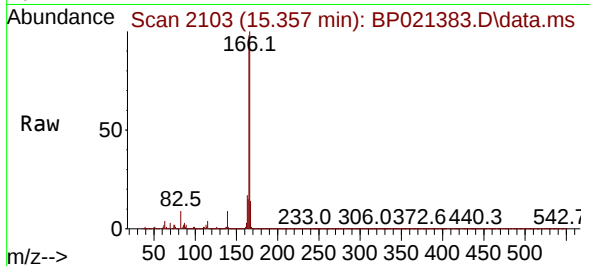
165 97.9 78.1 117.1

167 14.2 10.9 16.3

Manual Integrations

APPROVED

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



#72

Phenanthrene

Concen: 614.389 ng/ul m

RT: 17.140 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

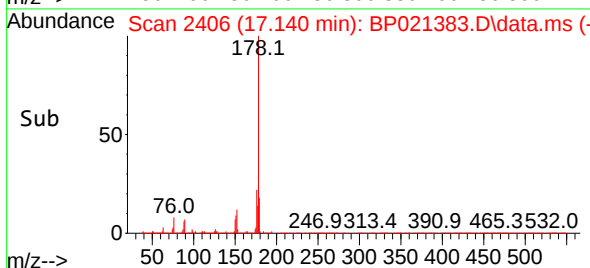
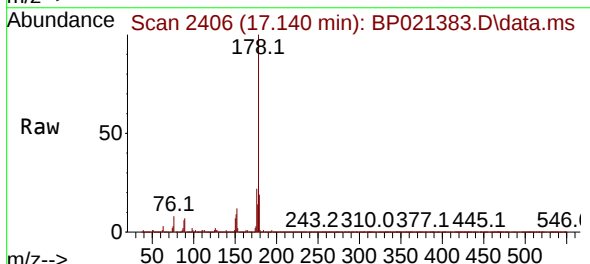
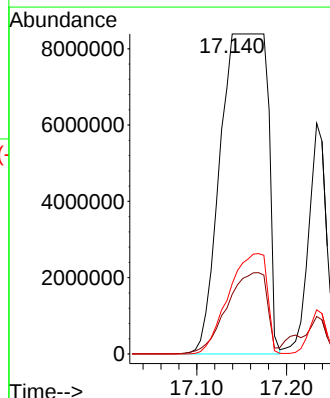
Tgt Ion:178 Resp:30424316

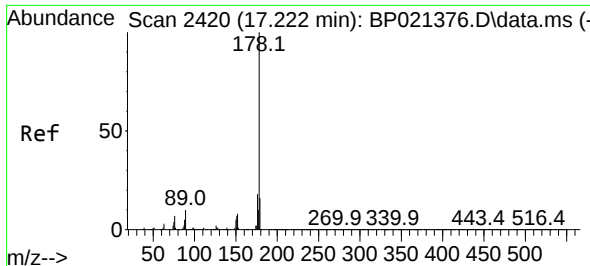
Ion Ratio Lower Upper

178 100

179 18.6 12.2 18.4#

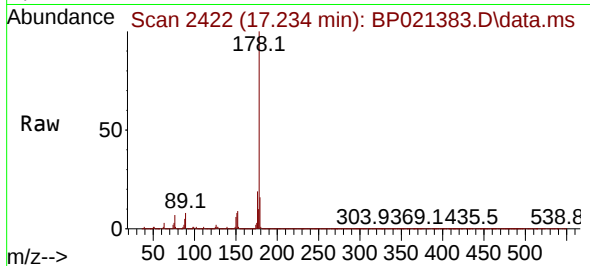
176 22.0 15.0 22.4





#74
 Anthracene
 Concen: 157.787 ng/u1
 RT: 17.234 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BP021383.D
 Acq: 05 Aug 2024 23:16

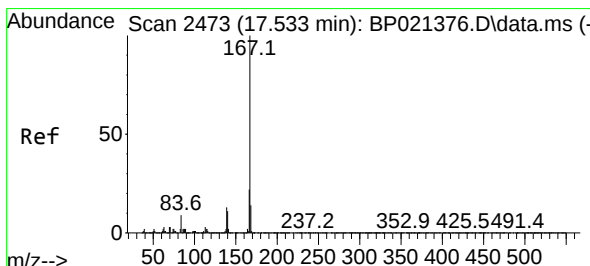
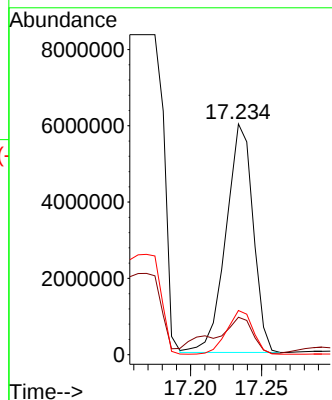
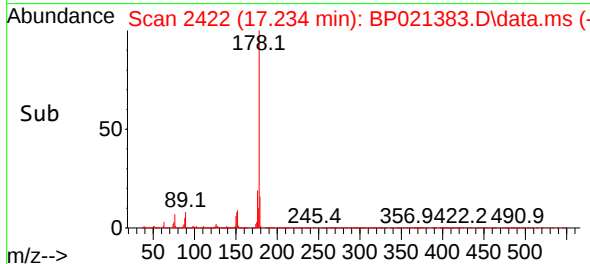
Instrument :
 BNA_P
 ClientSampleId :
 F7E25



Tgt Ion:178 Resp: 7965634
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 19.2 14.8 22.2

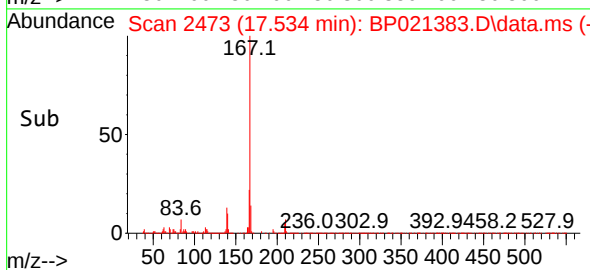
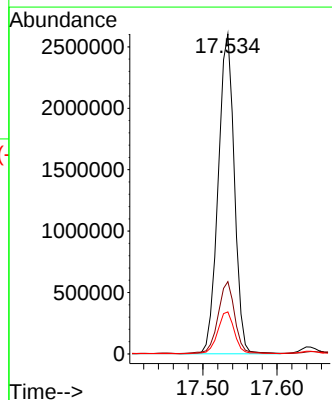
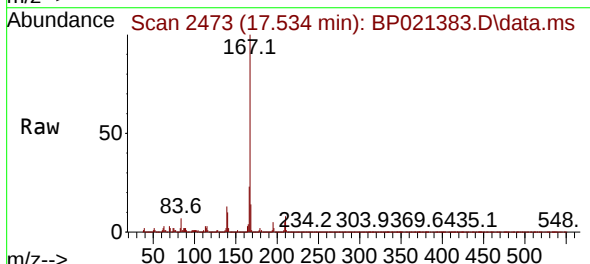
Manual Integrations
 APPROVED

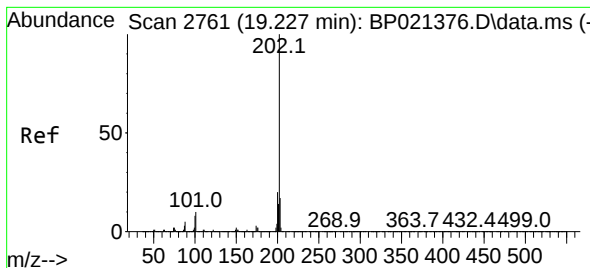
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#77
 Carbazole
 Concen: 95.372 ng/u1
 RT: 17.534 min Scan# 2473
 Delta R.T. 0.012 min
 Lab File: BP021383.D
 Acq: 05 Aug 2024 23:16

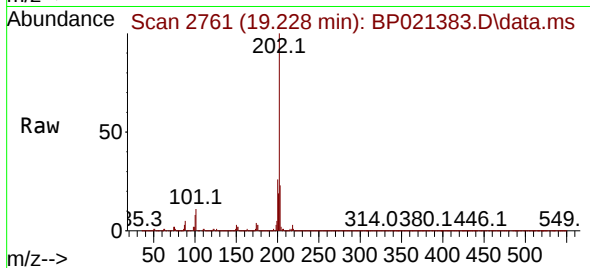
Tgt Ion:167 Resp: 3935874
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.3 25.9
 139 13.1 10.2 15.2





#80
Fluoranthene
Concen: 353.571 ng/ul m
RT: 19.228 min Scan# 2761
Delta R.T. -0.005 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

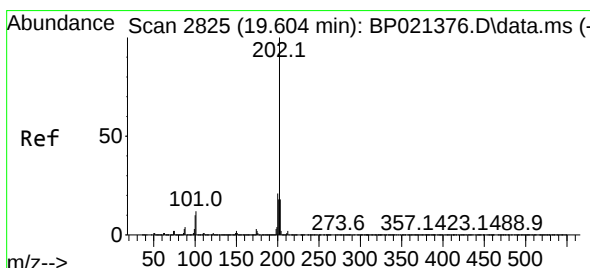
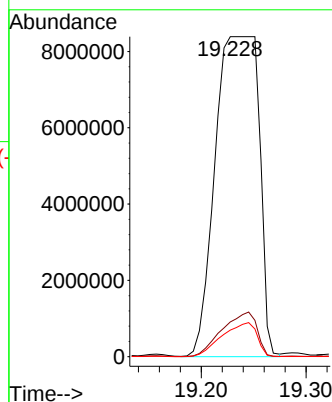
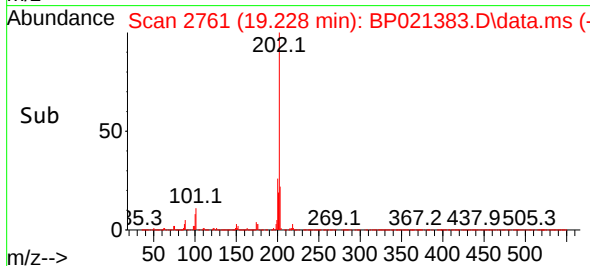
Instrument :
BNA_P
ClientSampleId :
F7E25



Tgt Ion:202 Resp:2438303
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 8.3 6.1 9.1

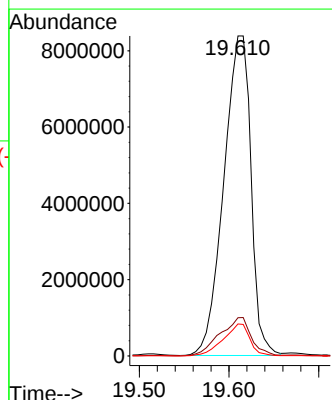
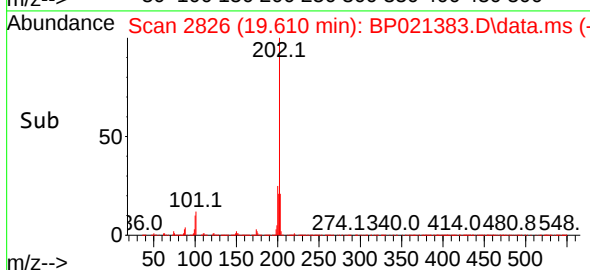
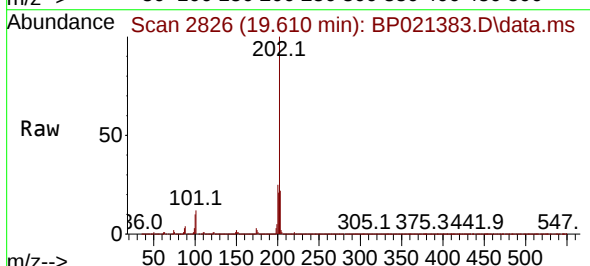
Manual Integrations
APPROVED

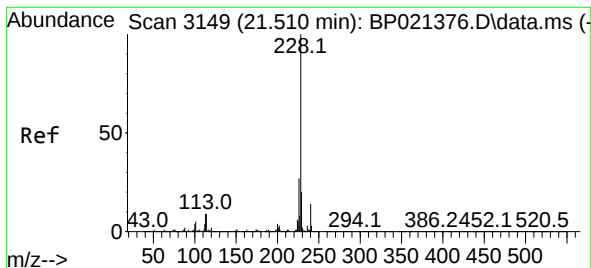
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#82
Pyrene
Concen: 251.243 ng/ul
RT: 19.610 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

Tgt Ion:202 Resp:17631059
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 146.923 ng/ul

RT: 21.516 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

Instrument :

BNA_P

ClientSampleId :

F7E25

Tgt Ion:228 Resp: 950635

Ion Ratio Lower Upper

228 100

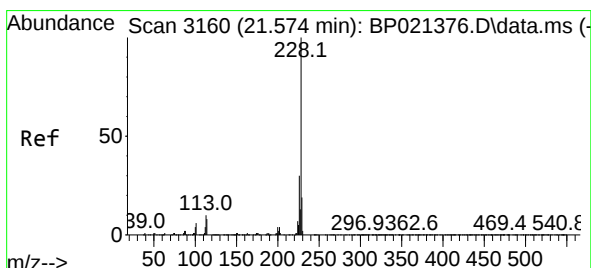
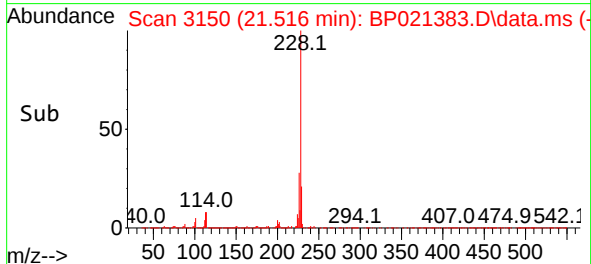
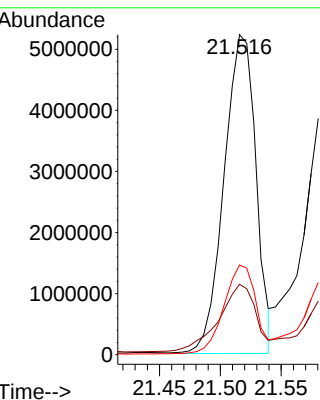
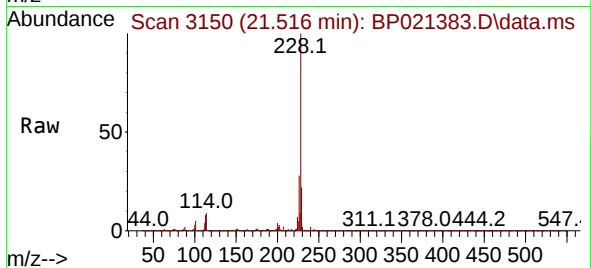
229 22.0 15.5 23.3

226 28.1 21.4 32.2

Manual Integrations

APPROVED

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



#87

Chrysene

Concen: 120.174 ng/ul

RT: 21.580 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

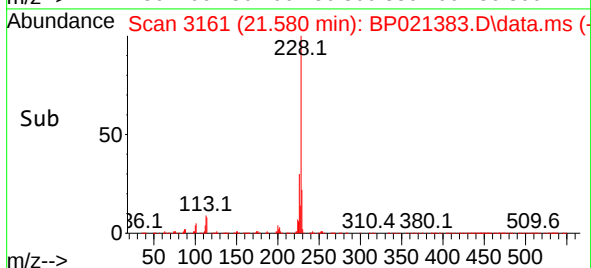
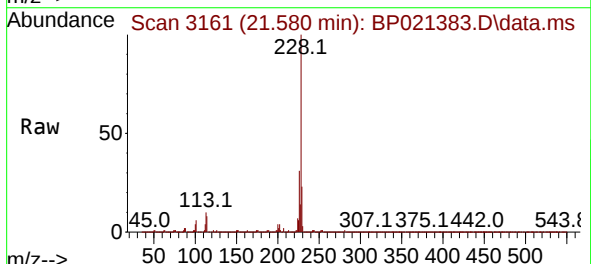
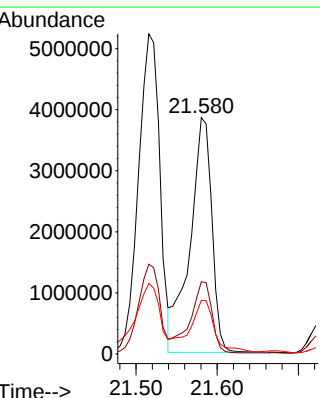
Tgt Ion:228 Resp: 7225222

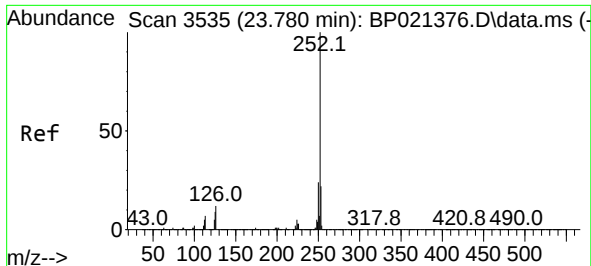
Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

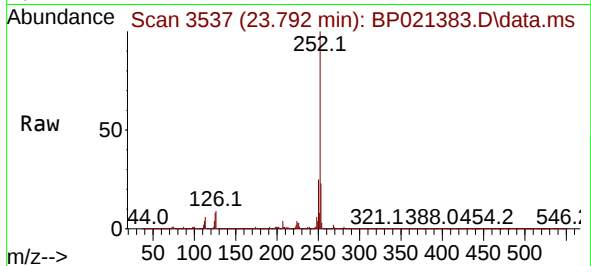
229 22.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 99.411 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

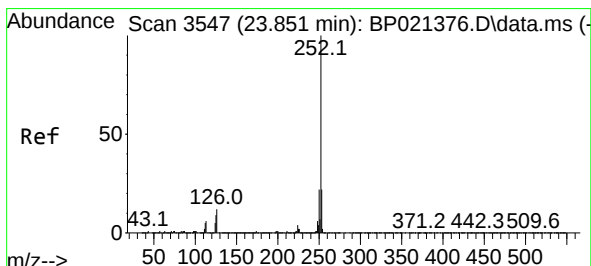
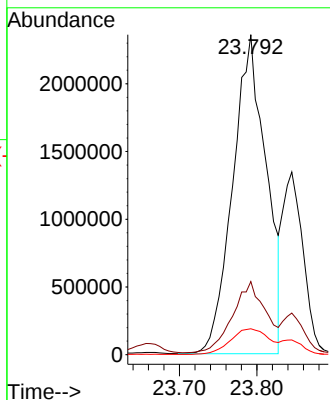
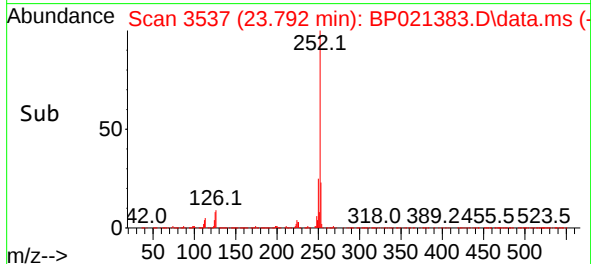
Instrument :
BNA_P
ClientSampleId :
F7E25



Tgt Ion:252 Resp: 706437
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 8.1 7.0 10.4

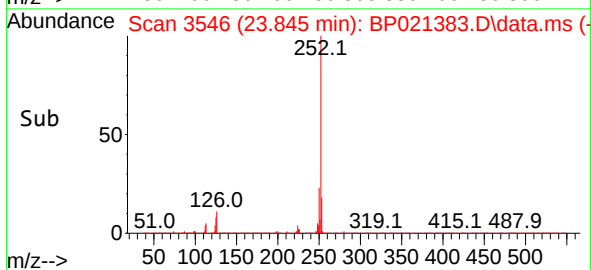
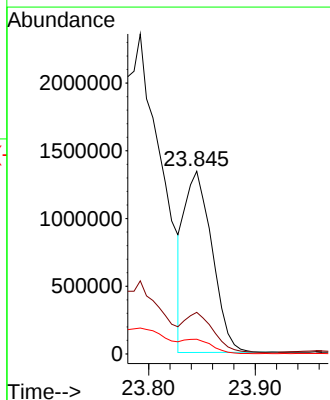
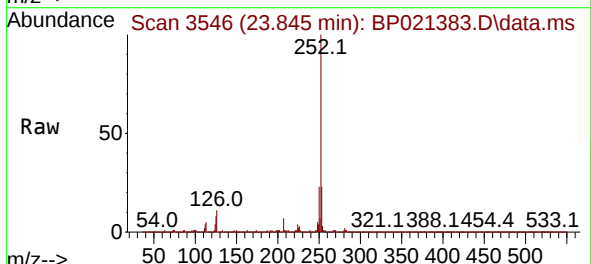
Manual Integrations
APPROVED

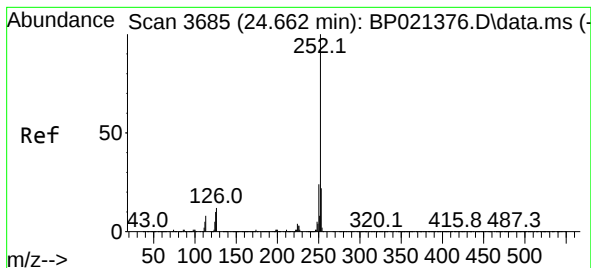
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#91
Benzo(k)fluoranthene
Concen: 34.114 ng/ul
RT: 23.845 min Scan# 3546
Delta R.T. -0.005 min
Lab File: BP021383.D
Acq: 05 Aug 2024 23:16

Tgt Ion:252 Resp: 2419298
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 8.1 7.4 11.0





#93

Benzo(a)pyrene

Concen: 35.699 ng/ul

RT: 24.663 min Scan# 30

Delta R.T. -0.017 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

Instrument :

BNA_P

ClientSampleId :

F7E25

Tgt Ion:252 Resp: 2397238

Ion Ratio Lower Upper

252 100

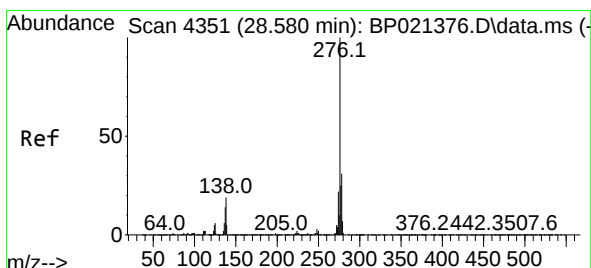
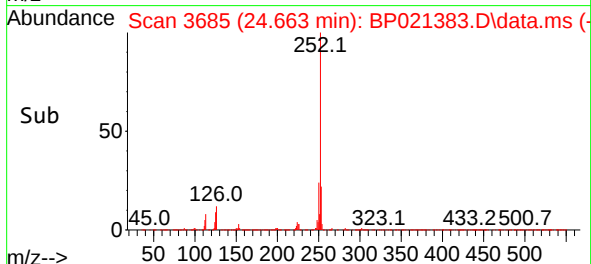
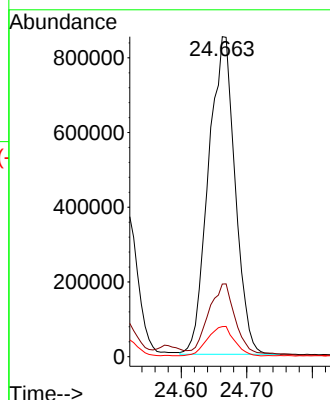
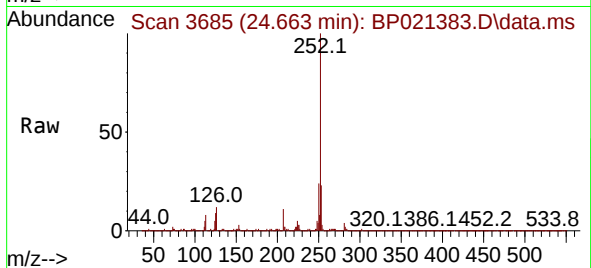
253 22.7 17.4 26.0

125 9.4 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: 14.113 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. -0.029 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

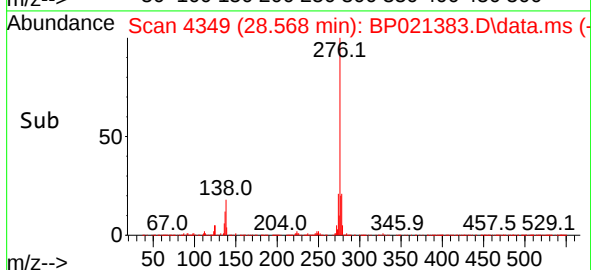
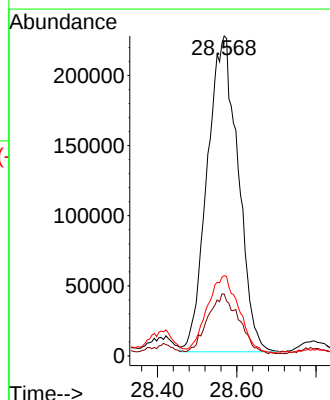
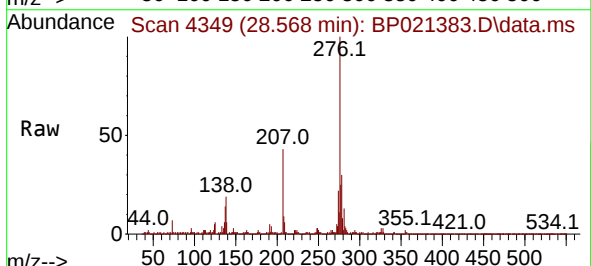
Tgt Ion:276 Resp: 1221196

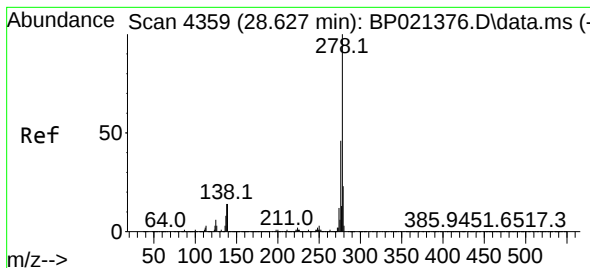
Ion Ratio Lower Upper

276 100

138 19.4 14.3 21.5

277 25.1 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 7.234 ng/ul m

RT: 28.615 min Scan# 4

Delta R.T. -0.023 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

Instrument :

BNP_P

ClientSampleId :

F7E25

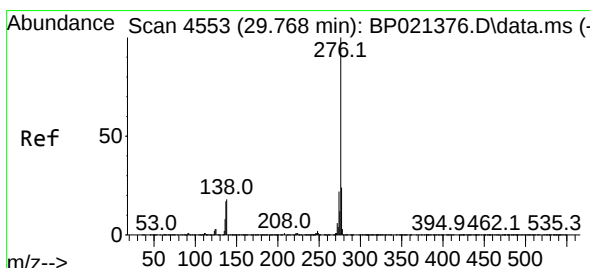
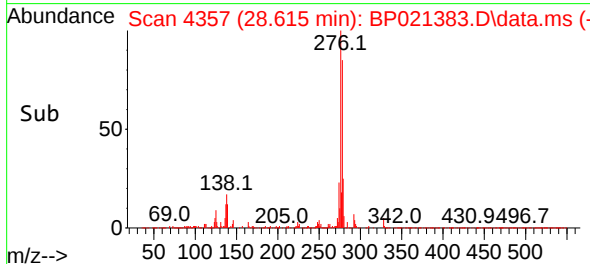
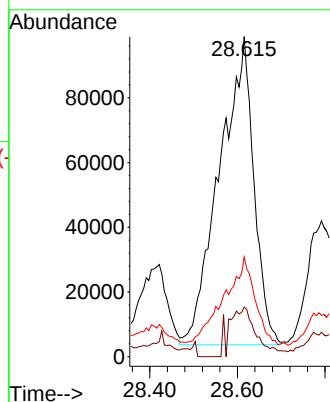
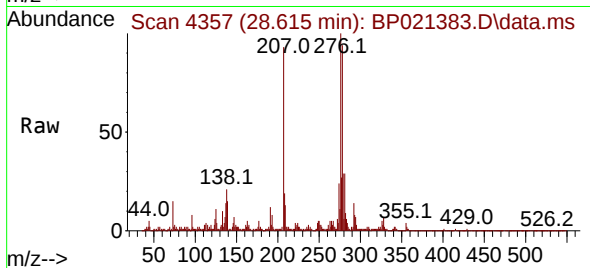
Tgt Ion: 278 Resp: 518384

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.9	16.3
279	31.1	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: 2.046 ng/ul m

RT: 29.739 min Scan# 4548

Delta R.T. -0.023 min

Lab File: BP021383.D

Acq: 05 Aug 2024 23:16

Tgt Ion: 276 Resp: 144203

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	29.0	18.2	27.2

