

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021384.D
 Acq On : 06 Aug 2024 00:02
 Operator : CG/JU
 Sample : P3329-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E09

Quant Time: Aug 06 01:23:08 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	7.616	152	148835	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	620678	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	429804	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	938258	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	936028	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1139527	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	8214	2.511	ng/uL	-0.02
4) Pyridine-d5	3.599	84	48150	5.085	ng/u1	0.00
7) Phenol-d5	6.852	99	169683	13.984	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	111579	15.173	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.181	132	149972	15.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	156580	15.537	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	77985	16.176	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	84357	15.288	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.063	165	150689	15.103	ng/u1	0.01
31) 4-Chloroaniline-d4	10.557	131	231229	17.494	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	520877	16.671	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	595873	16.985	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.628	143	67037m	15.080	ng/u1	0.04
60) Fluorene-d10	15.281	176	466999	18.219	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	37508	6.607	ng/u1	0.02
73) Anthracene-d10	17.192	188	743370	17.838	ng/u1	0.00
81) Pyrene-d10	19.569	212	889537	15.372	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1033642	18.392	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.434	128	18582162	569.165	ng/u1	95
36) 2-Methylnaphthalene	12.046	142	5157760	230.145	ng/u1	99
37) 1-Methylnaphthalene	12.275	142	2551113	110.681	ng/u1	99
43) 1,1'-Biphenyl	13.081	154	1451412	46.207	ng/u1	98
50) Acenaphthylene	13.981	152	382270	9.624	ng/u1#	95
52) Acenaphthene	14.328	153	4425106	167.844	ng/u1	99
56) Dibenzofuran	14.675	168	4969127	137.636	ng/u1	97
61) Fluorene	15.340	166	4994582	169.529	ng/u1	98
72) Phenanthrene	17.139	178	17296659	355.364	ng/u1	96
74) Anthracene	17.228	178	3285572	66.214	ng/u1	100
77) Carbazole	17.528	167	1601340	39.478	ng/u1	99
80) Fluoranthene	19.233	202	12917171	184.833	ng/u1	98
82) Pyrene	19.610	202	9212094	129.538	ng/u1	98
85) Benzo(a)anthracene	21.510	228	3265491	49.802	ng/u1	99
87) Chrysene	21.575	228	2427076	39.835	ng/u1	98
90) Benzo(b)fluoranthene	23.780	252	1819705	26.315	ng/u1	98
91) Benzo(k)fluoranthene	23.851	252	738121	10.696	ng/u1	98
93) Benzo(a)pyrene	24.668	252	1153535	17.652	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	397715	4.723	ng/u1#	94
95) Dibenzo(a,h)anthracene	28.615	278	118441m	1.699	ng/u1	
96) Benzo(g,h,i)perylene	29.756	276	293826m	4.285	ng/u1	

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

Instrument :

BNA_P

ClientSampleId :

F7E09

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/06/2024

Supervised By :mohammad ahmed 08/07/2024

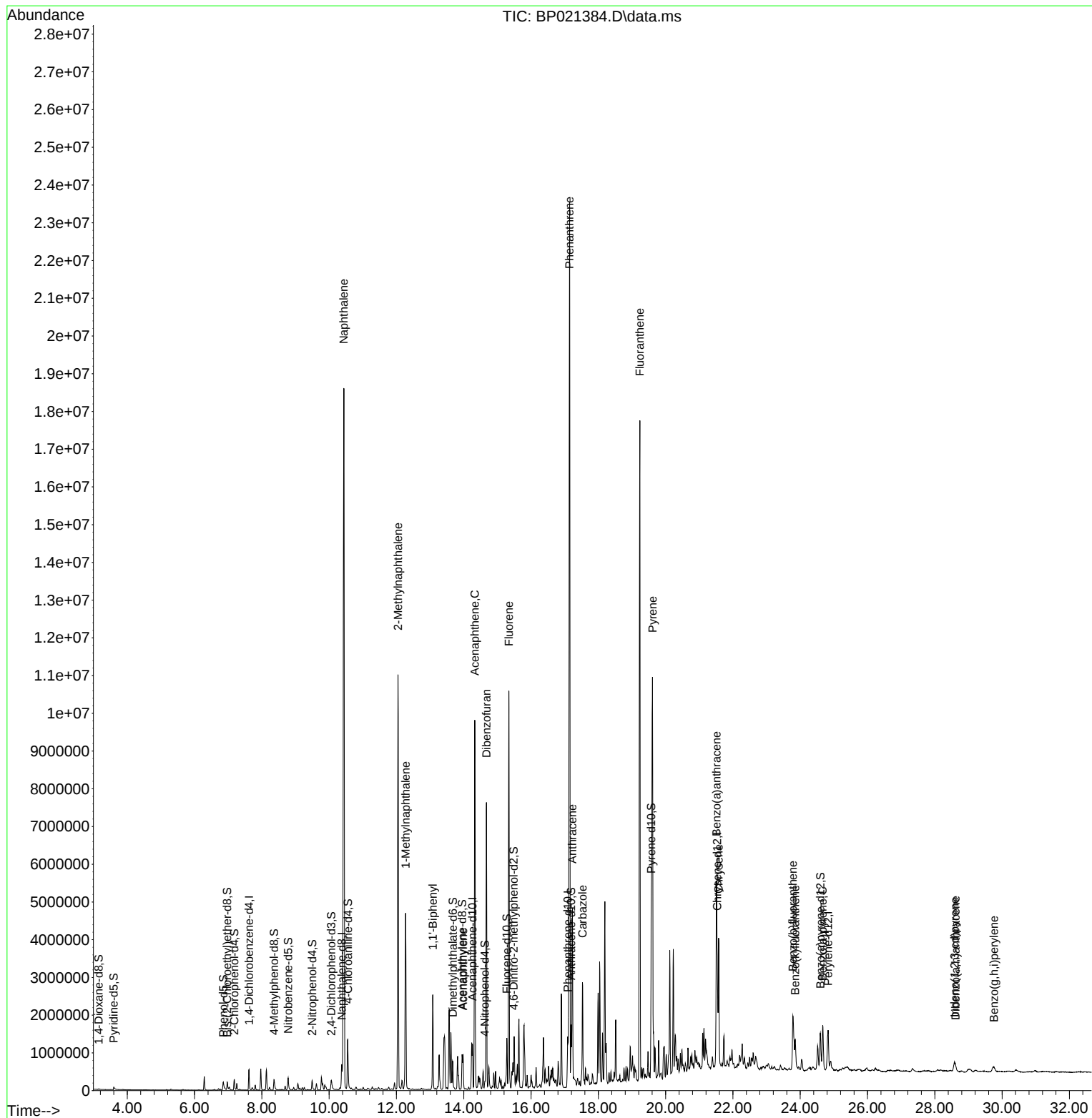
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021384.D
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 Sample : P3329-07
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 ALS Vial : 19 Sample Multiplier: 1

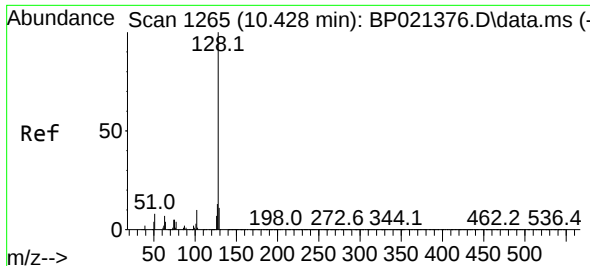
Instrument :
 BNA_P
 ClientSampleId :
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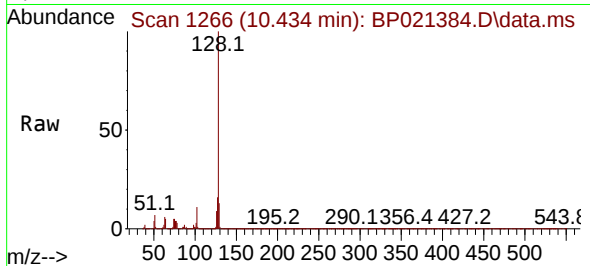
Quant Time: Aug 06 01:23:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 569.165 ng/ul
RT: 10.434 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

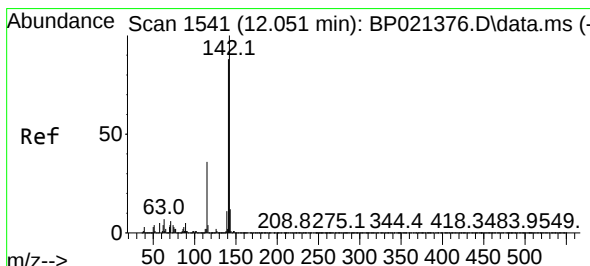
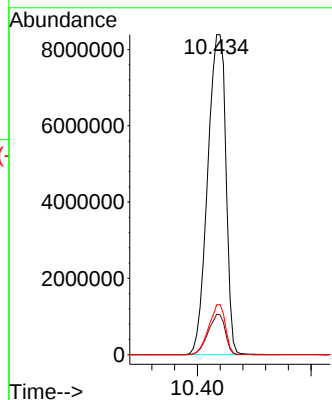
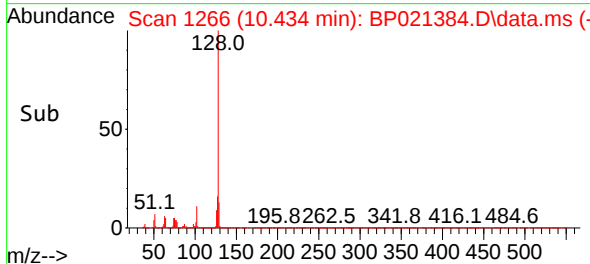
Instrument :
BNA_P
ClientSampleId :
F7E09



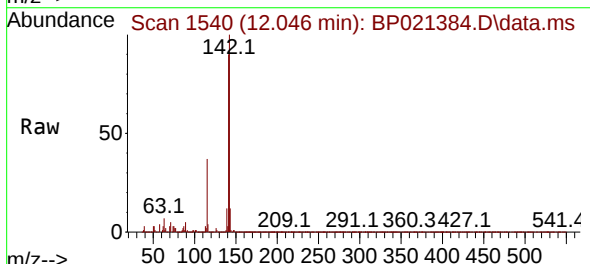
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Ion Ratio Lower Upper
128 100
129 12.6 8.6 13.0
127 15.6 10.8 16.2

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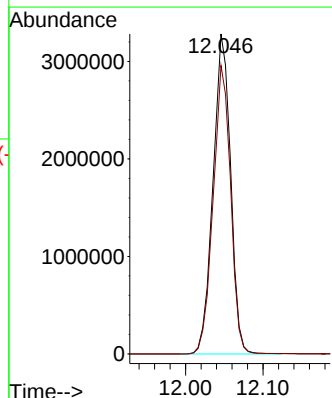
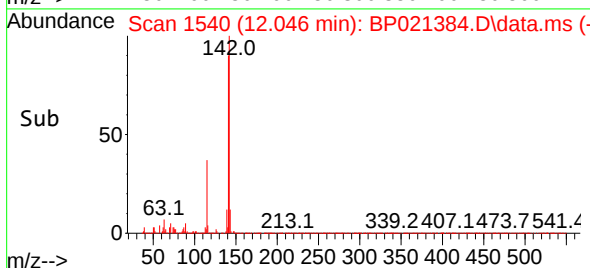
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

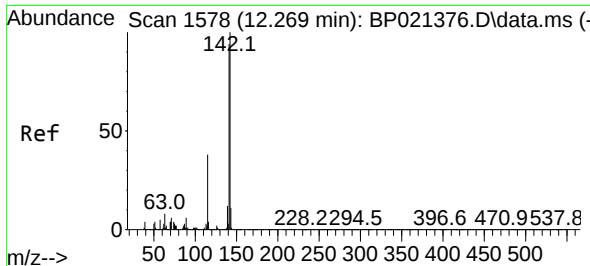


#36
2-Methylnaphthalene
Concen: 230.145 ng/ul
RT: 12.046 min Scan# 1540
Delta R.T. -0.023 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02



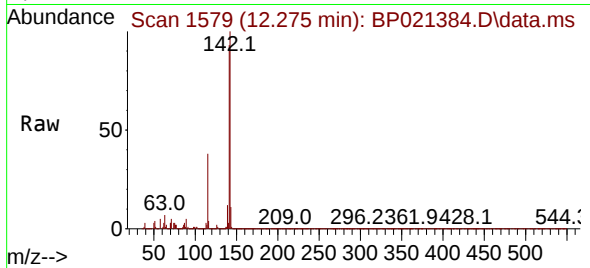
Tgt Ion:142 Resp: 5157760
Ion Ratio Lower Upper
142 100
141 90.2 72.6 108.8





#37
1-Methylnaphthalene
Concen: 110.681 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

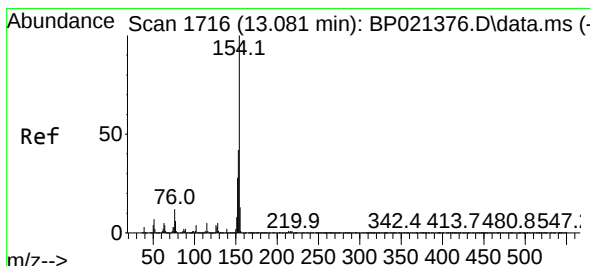
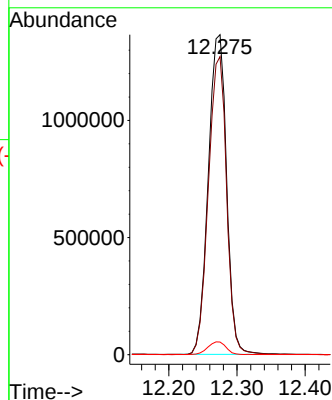
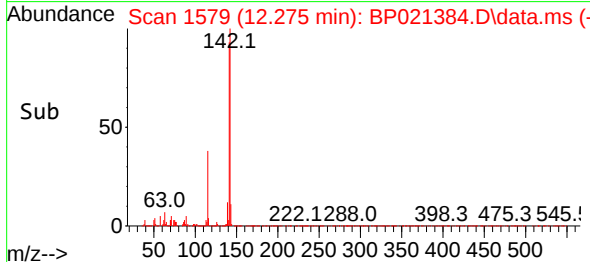
Instrument :
BNA_P
ClientSampleId :
F7E09



Tgt Ion:142 Resp: 2551111
Ion Ratio Lower Upper
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141 93.1 75.0 112.6
116 4.0 3.2 4.8

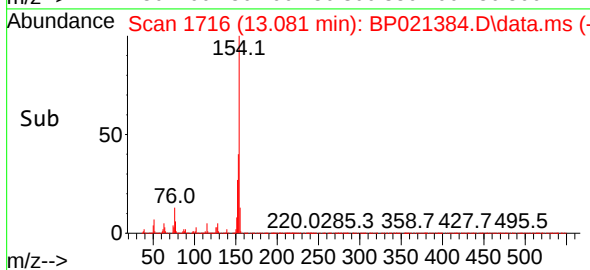
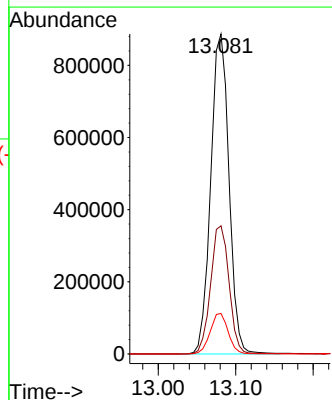
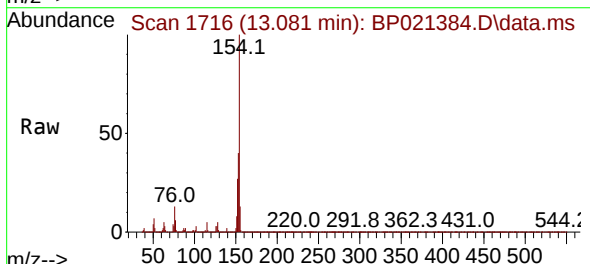
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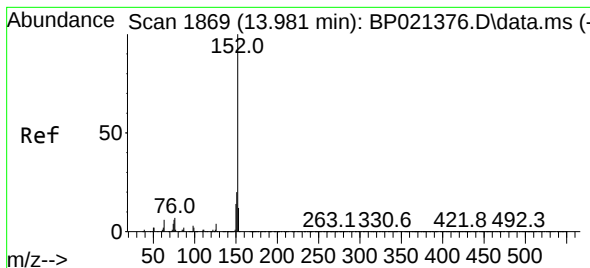
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#43
1,1'-Biphenyl
Concen: 46.207 ng/ul
RT: 13.081 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

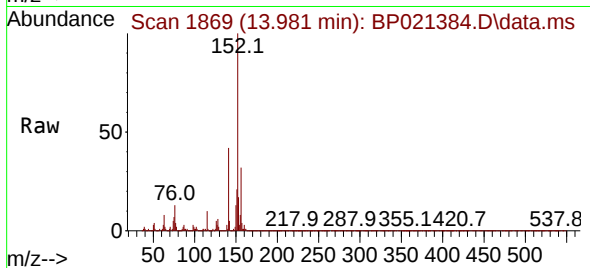
Tgt Ion:154 Resp: 1451412
Ion Ratio Lower Upper
154 100
153 40.1 32.7 49.1
76 12.6 9.4 14.2





#50
Acenaphthylene
Concen: 9.624 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

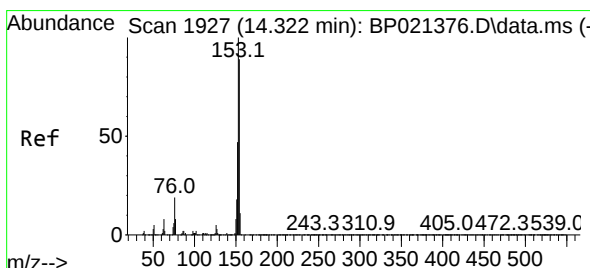
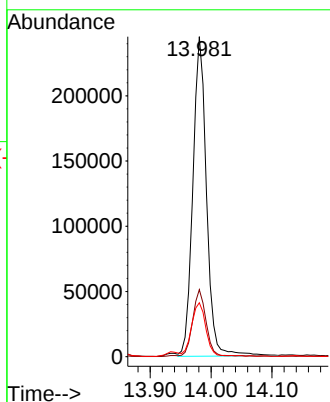
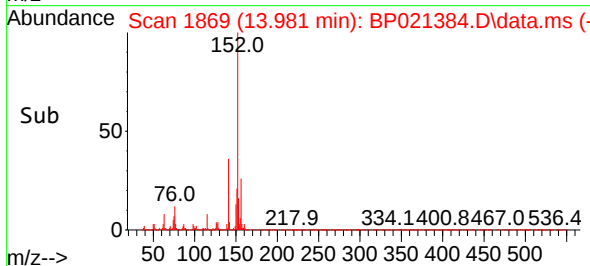
Instrument :
BNA_P
ClientSampleId :
F7E09



Tgt Ion:152 Resp: 382270
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 16.8 10.3 15.5

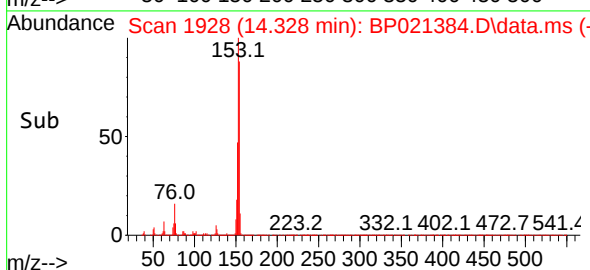
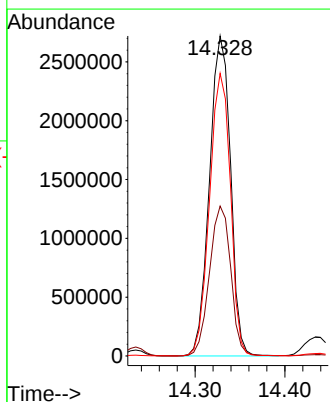
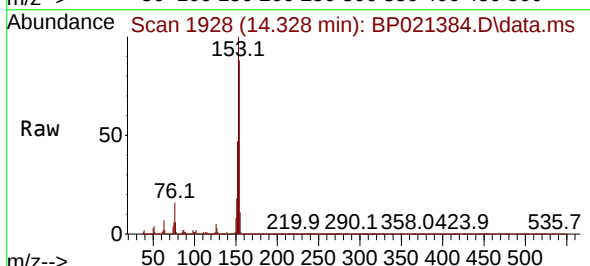
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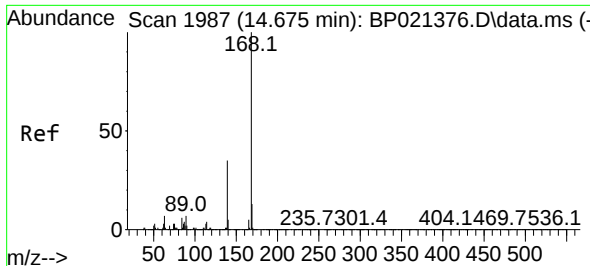
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#52
Acenaphthene
Concen: 167.844 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

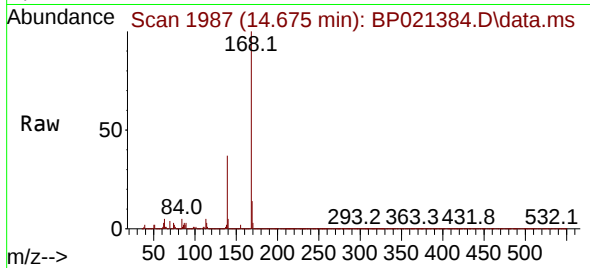
Tgt Ion:153 Resp: 4425106
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 88.3 71.8 107.6





#56
Dibenzenofuran
Concen: 137.636 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

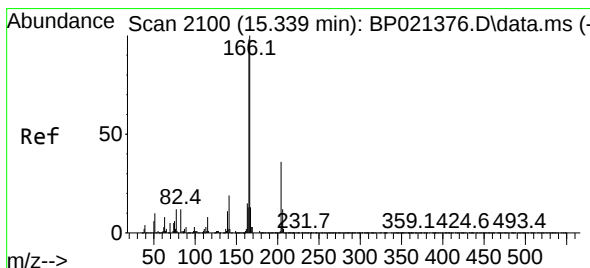
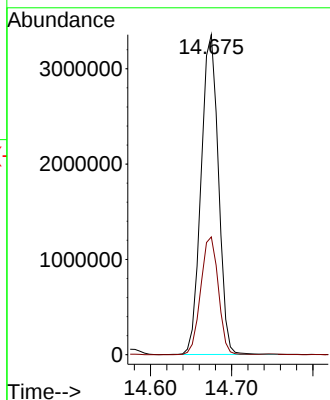
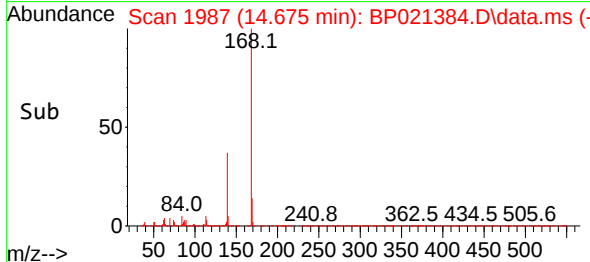
Instrument :
BNA_P
ClientSampleId :
F7E09



Tgt Ion:168 Resp: 4969127
Ion Ratio Lower Upper
168 100
139 36.8 31.1 46.7

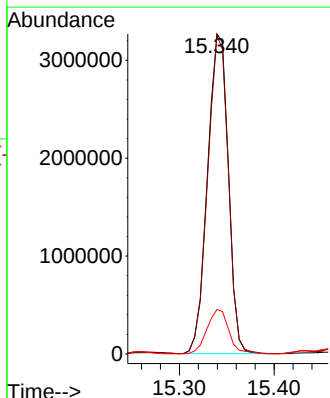
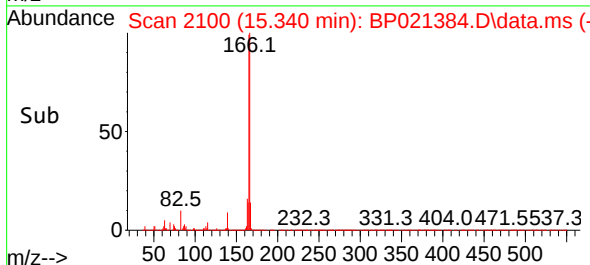
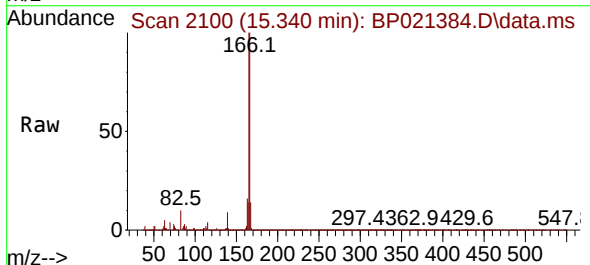
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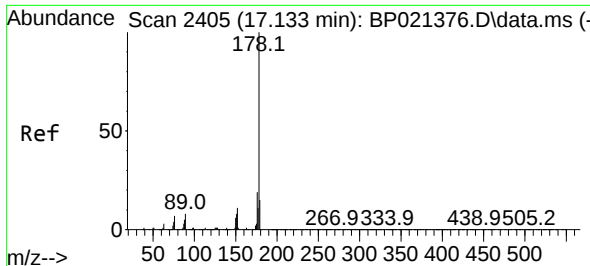
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#61
Fluorene
Concen: 169.529 ng/ul
RT: 15.340 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

Tgt Ion:166 Resp: 4994582
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 13.9 10.9 16.3





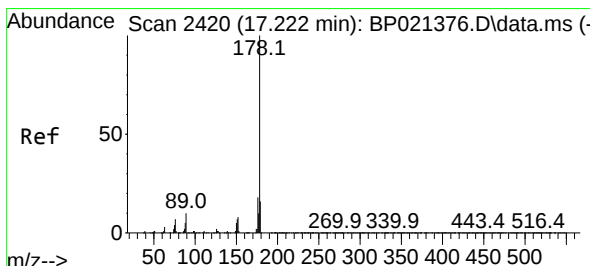
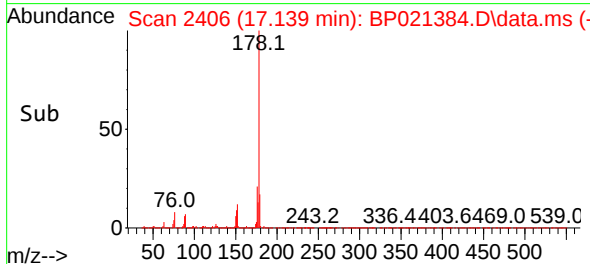
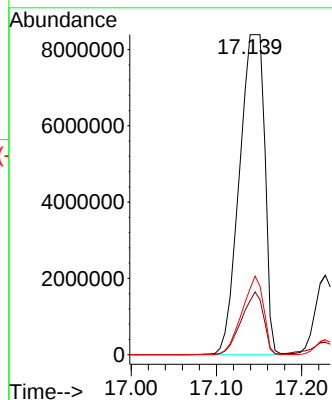
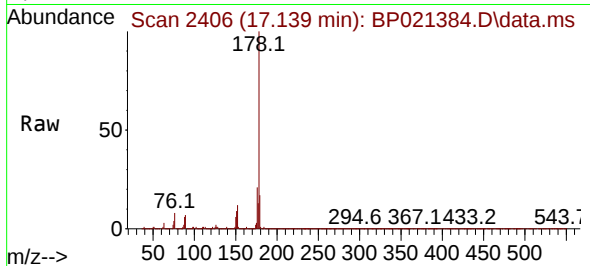
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Phenanthrene
Concen: 355.364 ng/u1
RT: 17.139 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

Instrument :
BNA_P
ClientSampleId :
F7E09

Tgt Ion:178 Resp:17296659
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.4
176 20.6 15.0 22.4

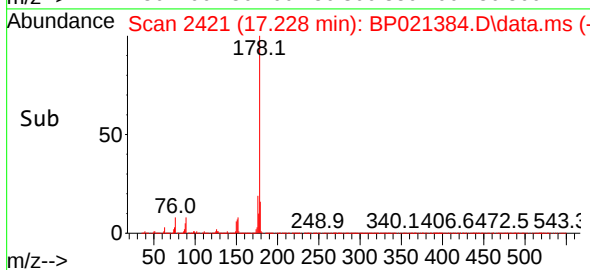
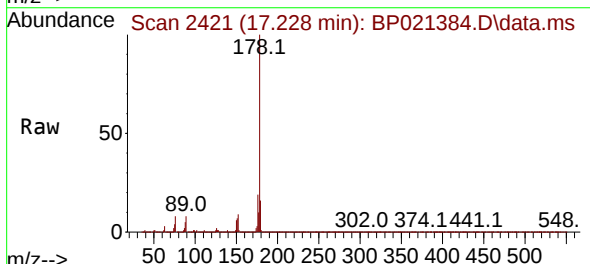
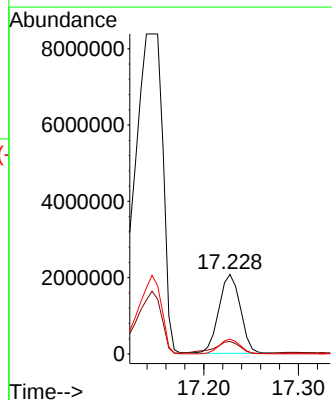
Manual Integrations
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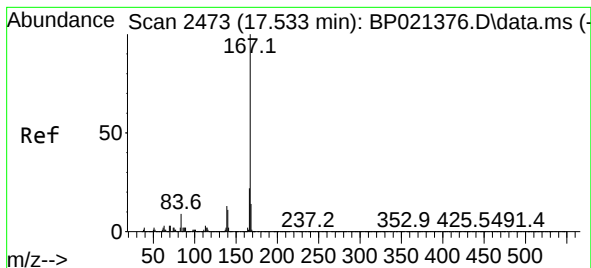
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#74
Anthracene
Concen: 66.214 ng/u1
RT: 17.228 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

Tgt Ion:178 Resp: 3285572
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.6 14.8 22.2





#77

Carbazole

Concen: 39.478 ng/u1

RT: 17.528 min Scan# 2472

Delta R.T. 0.006 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

Instrument :

BNA_P

ClientSampleId :

F7E09

Tgt Ion:167 Resp: 1601340

Ion Ratio Lower Upper

167 100

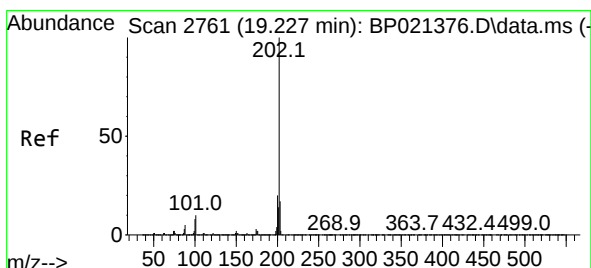
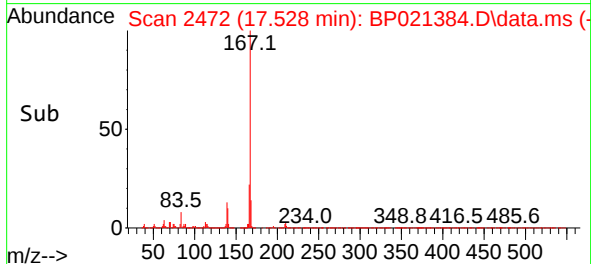
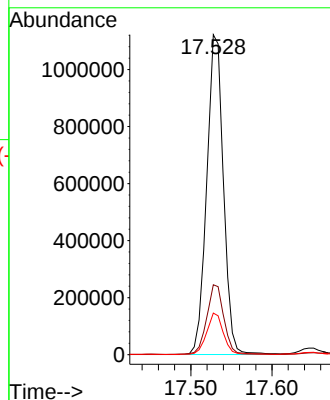
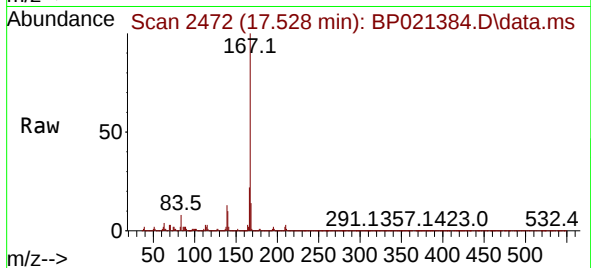
166 21.8 17.3 25.9

139 13.0 10.2 15.2

Manual Integrations

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



#80

Fluoranthene

Concen: 184.833 ng/u1

RT: 19.233 min Scan# 2762

Delta R.T. 0.000 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

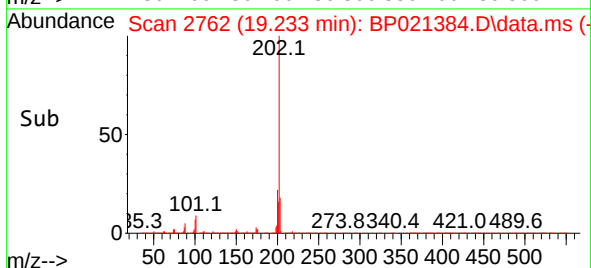
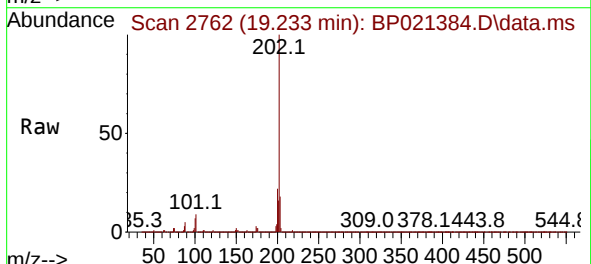
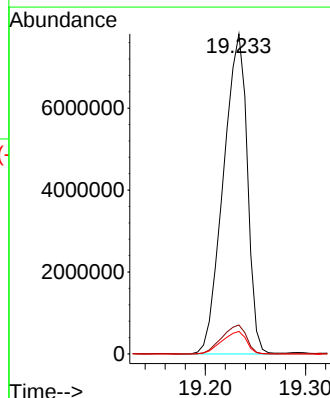
Tgt Ion:202 Resp:12917171

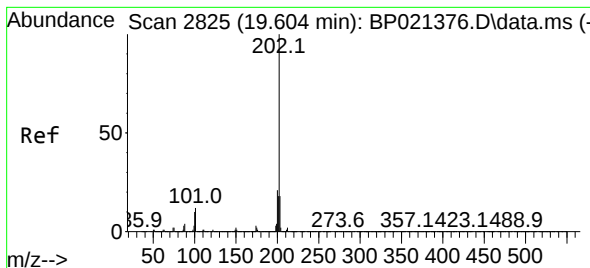
Ion Ratio Lower Upper

202 100

101 9.0 8.0 12.0

100 7.1 6.1 9.1





#82

Pyrene

Concen: 129.538 ng/ul

RT: 19.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

Instrument :

BNA_P

ClientSampleId :

F7E09

Tgt Ion:202 Resp: 9212094

Ion Ratio Lower Upper

202 100

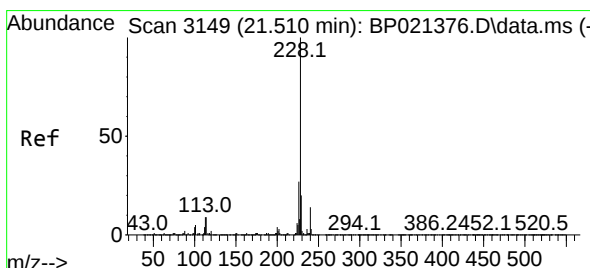
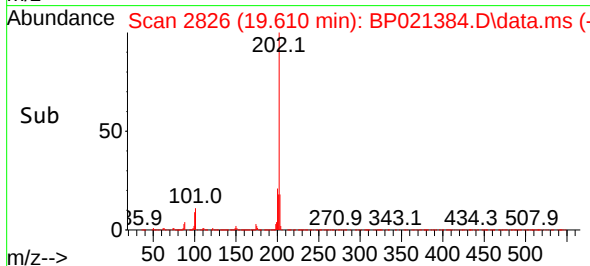
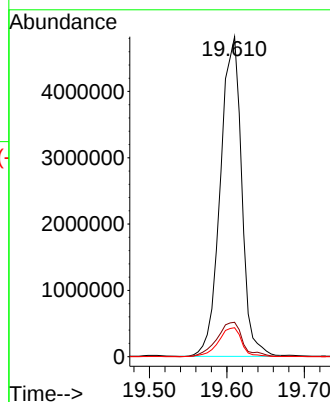
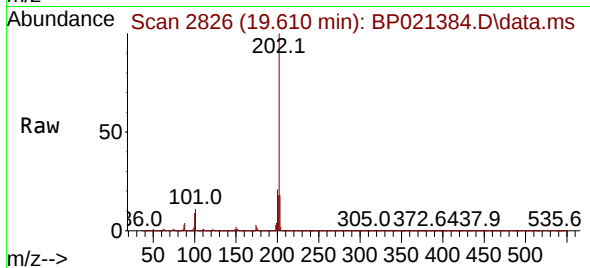
101 10.8 9.4 14.2

100 9.1 7.8 11.6

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 49.802 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

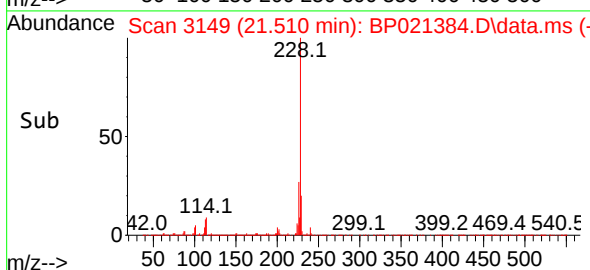
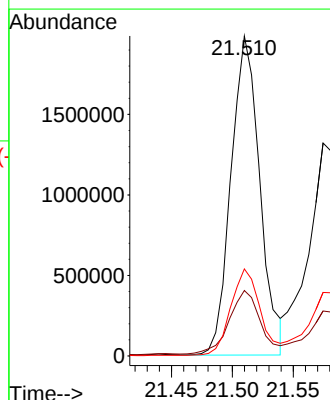
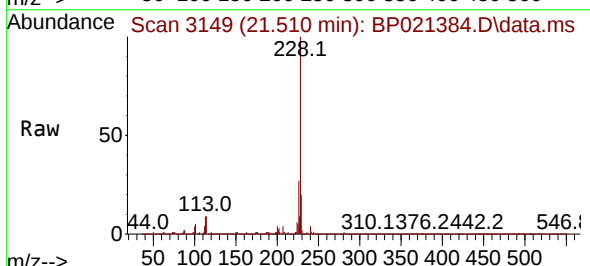
Tgt Ion:228 Resp: 3265491

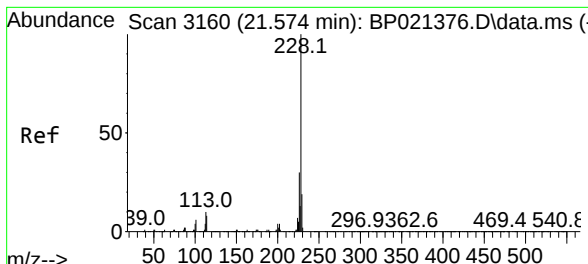
Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

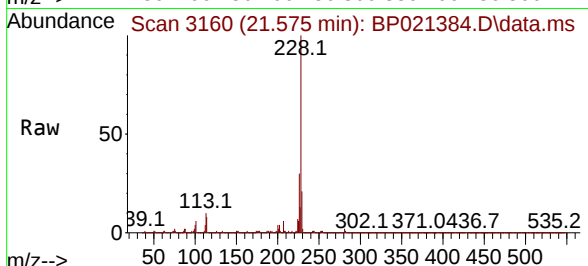
226 27.2 21.4 32.2





#87
Chrysene
Concen: 39.835 ng/ul
RT: 21.575 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

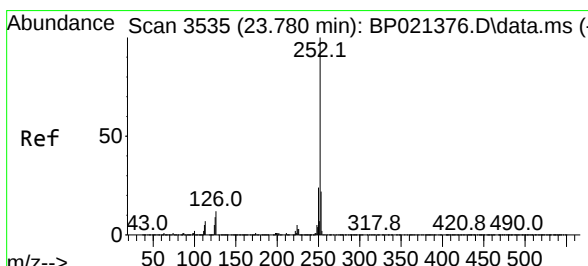
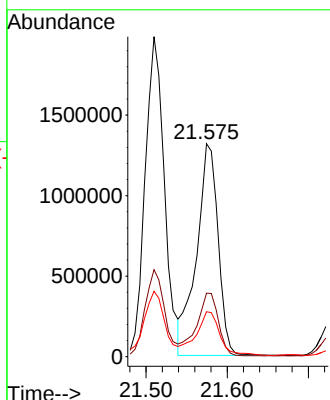
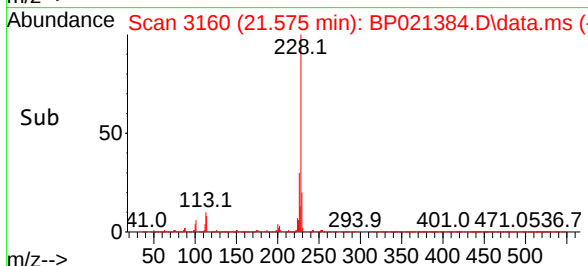
Instrument :
BNA_P
ClientSampleId :
F7E09



Tgt Ion:228 Resp: 2427070
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.1 15.5 23.3

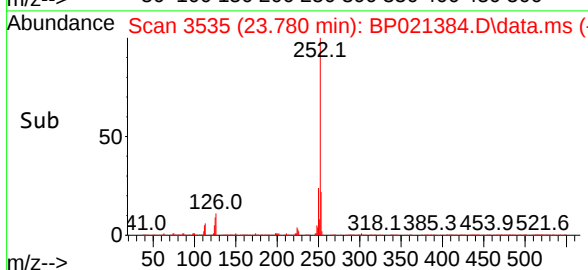
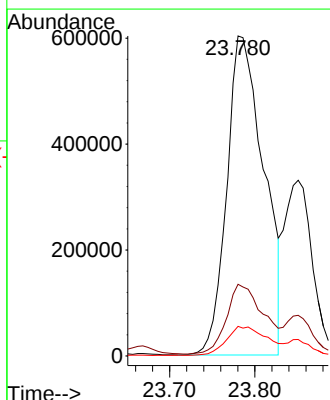
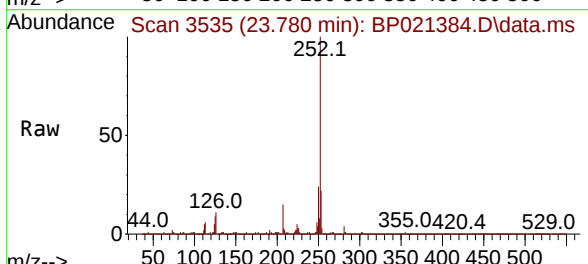
Manual Integrations
APPROVED

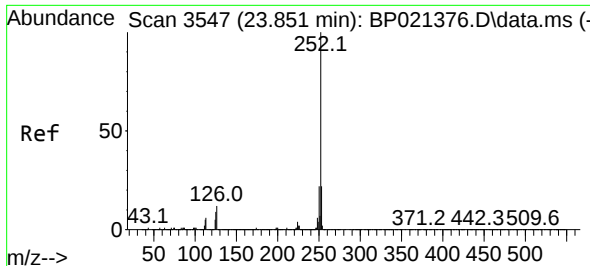
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#90
Benzo(b)fluoranthene
Concen: 26.315 ng/ul
RT: 23.780 min Scan# 3535
Delta R.T. -0.005 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

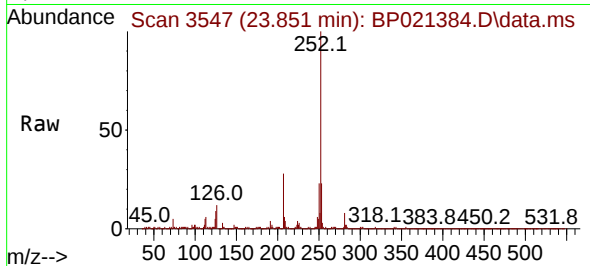
Tgt Ion:252 Resp: 1819705
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.3 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 10.696 ng/u1
RT: 23.851 min Scan# 3547
Delta R.T. 0.000 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02

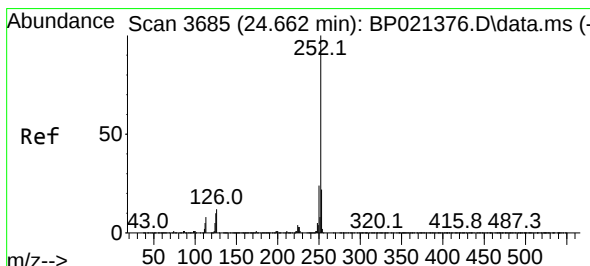
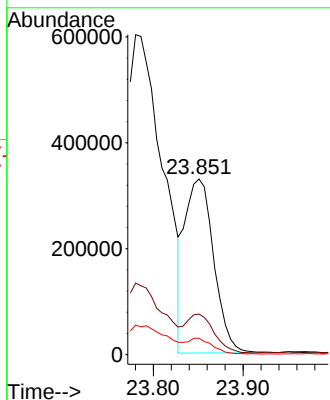
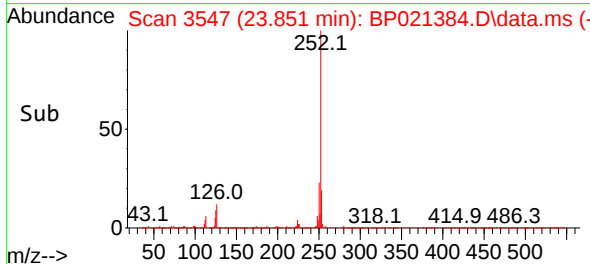
Instrument :
BNA_P
ClientSampleId :
F7E09



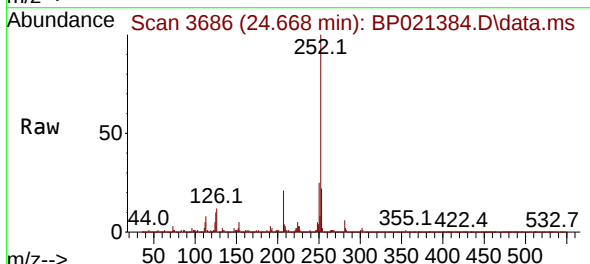
Tgt Ion:252 Resp: 73812
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 9.4 7.4 11.0

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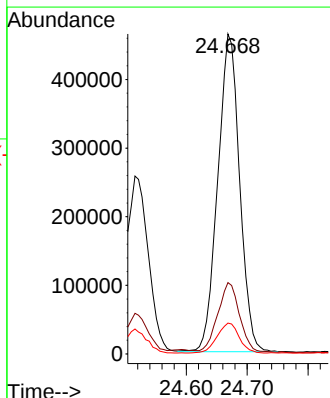
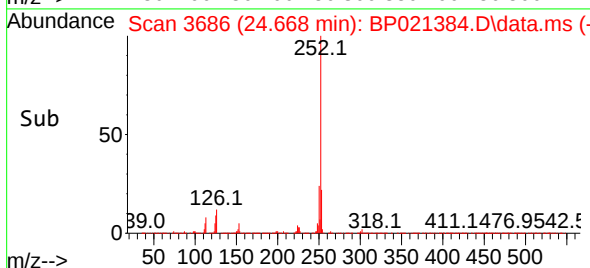
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

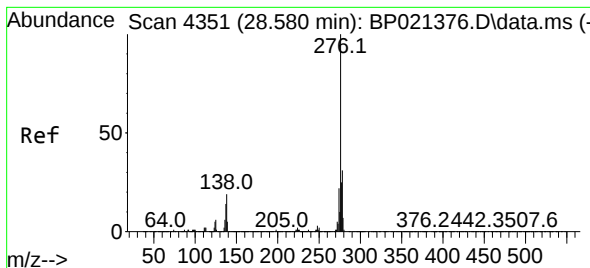


#93
Benzo(a)pyrene
Concen: 17.652 ng/u1
RT: 24.668 min Scan# 3686
Delta R.T. -0.011 min
Lab File: BP021384.D
Acq: 06 Aug 2024 00:02



Tgt Ion:252 Resp: 1153535
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.723 ng/ul

RT: 28.586 min Scan# 4351

Delta R.T. -0.011 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

Instrument :

BNA_P

ClientSampleId :

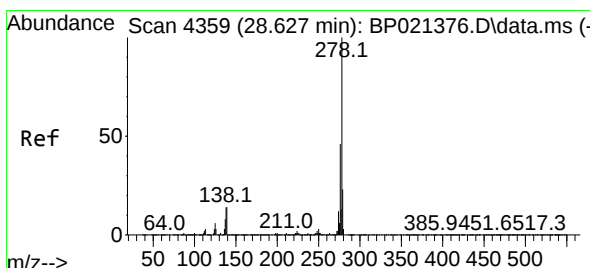
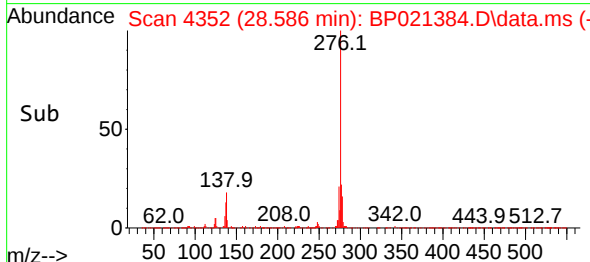
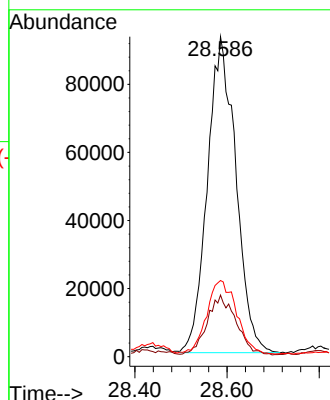
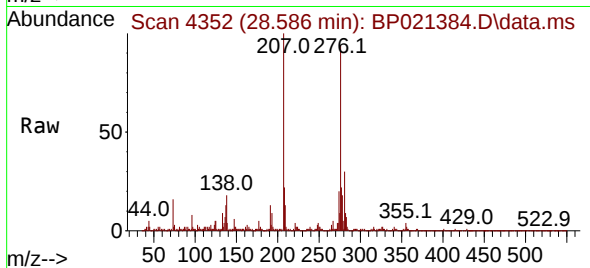
F7E09

Tgt Ion:276 Resp: 397715
 Ion Ratio Lower Upper
 276 100
 138 23.9 14.3 21.5
 277 23.8 19.2 28.8

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.699 ng/ul m

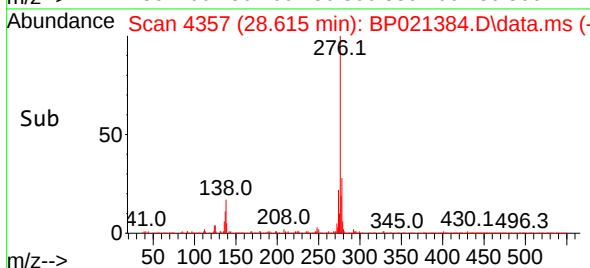
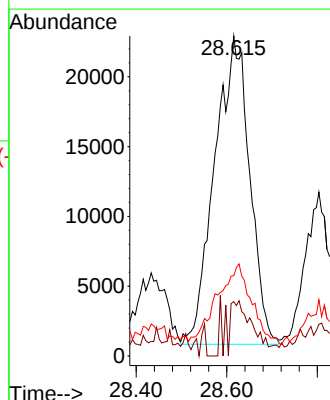
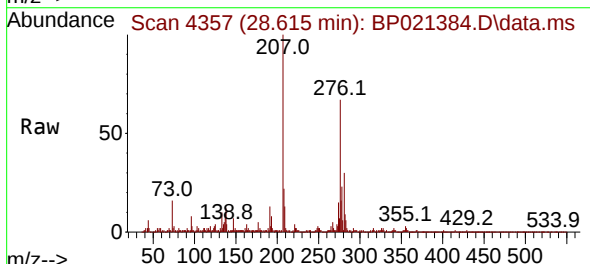
RT: 28.615 min Scan# 4357

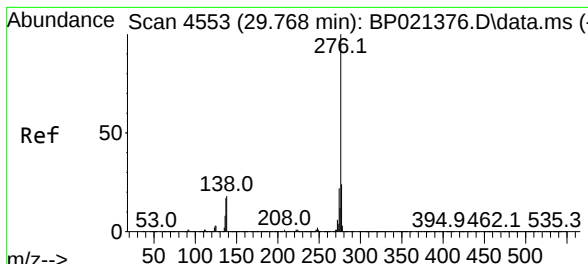
Delta R.T. -0.023 min

Lab File: BP021384.D

Acq: 06 Aug 2024 00:02

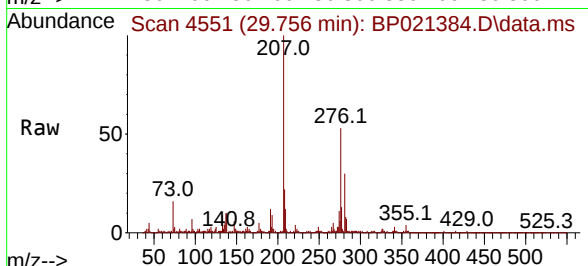
Tgt Ion:278 Resp: 118441
 Ion Ratio Lower Upper
 278 100
 139 17.0 10.9 16.3
 279 25.1 19.4 29.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.285 ng/ul m
 RT: 29.756 min Scan# 4551
 Delta R.T. -0.005 min
 Lab File: BP021384.D
 Acq: 06 Aug 2024 00:02

Instrument :
 BNA_P
 ClientSampleId :
 F7E09



Tgt Ion: 276 Resp: 293820

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.3	22.9
277	25.0	18.2	27.2

Manual Integrations
 APPROVED

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

