

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021386.D
 Acq On : 06 Aug 2024 01:36
 Operator : CG/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E02

Quant Time: Aug 06 02:01:30 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	207033	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	835195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	543508	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.087	188	1128506	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1158248	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1389437	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	14650	3.220	ng/uL	-0.01
4) Pyridine-d5	3.593	84	187412	14.229	ng/u1	0.00
7) Phenol-d5	6.846	99	278693	16.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	172449	16.859	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.175	132	247860	17.823	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	238901	17.042	ng/u1	-0.01
21) Nitrobenzene-d5	8.781	128	121273	18.695	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	136781	18.422	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.052	165	242752	18.081	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	336071	18.895	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	792426	20.056	ng/u1	-0.01
49) Acenaphthylene-d8	13.946	160	903468	20.365	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.610	143	100782m	17.928	ng/u1	0.02
60) Fluorene-d10	15.281	176	700593	21.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	79060	11.579	ng/u1	0.01
73) Anthracene-d10	17.181	188	1070760	21.363	ng/u1	-0.01
81) Pyrene-d10	19.569	212	1316754	18.388	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1522786	22.222	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.446	128	14422148	328.284	ng/u1	98
36) 2-Methylnaphthalene	12.046	142	3779642	125.334	ng/u1	99
37) 1-Methylnaphthalene	12.269	142	1786356	57.596	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	992317	24.983	ng/u1	99
50) Acenaphthylene	13.981	152	190738	3.797	ng/u1#	91
52) Acenaphthene	14.328	153	3398992	101.952	ng/u1	99
56) Dibenzofuran	14.669	168	3879648	84.979	ng/u1	98
61) Fluorene	15.334	166	3751988	100.710	ng/u1	100
72) Phenanthrene	17.134	178	14156121	241.810	ng/u1	94
74) Anthracene	17.216	178	2773662	46.474	ng/u1	98
77) Carbazole	17.522	167	1504050	30.828	ng/u1	99
80) Fluoranthene	19.228	202	9910001	114.597	ng/u1	99
82) Pyrene	19.604	202	6909363	78.517	ng/u1	98
85) Benzo(a)anthracene	21.504	228	2633526	32.458	ng/u1	97
87) Chrysene	21.575	228	1924756	25.530	ng/u1	97
90) Benzo(b)fluoranthene	23.792	252	1808971	21.454	ng/u1	98
91) Benzo(k)fluoranthene	23.845	252	614427	7.302	ng/u1	99
93) Benzo(a)pyrene	24.680	252	1106245	13.884	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	415889	4.051	ng/u1	99
95) Dibenzo(a,h)anthracene	28.615	278	129309	1.521	ng/u1#	95
96) Benzo(g,h,i)perylene	29.745	276	338966	4.054	ng/u1	93

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

Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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Acq On : 06 Aug 2024 01:36
Operator : CG/JU
Sample : P3329-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

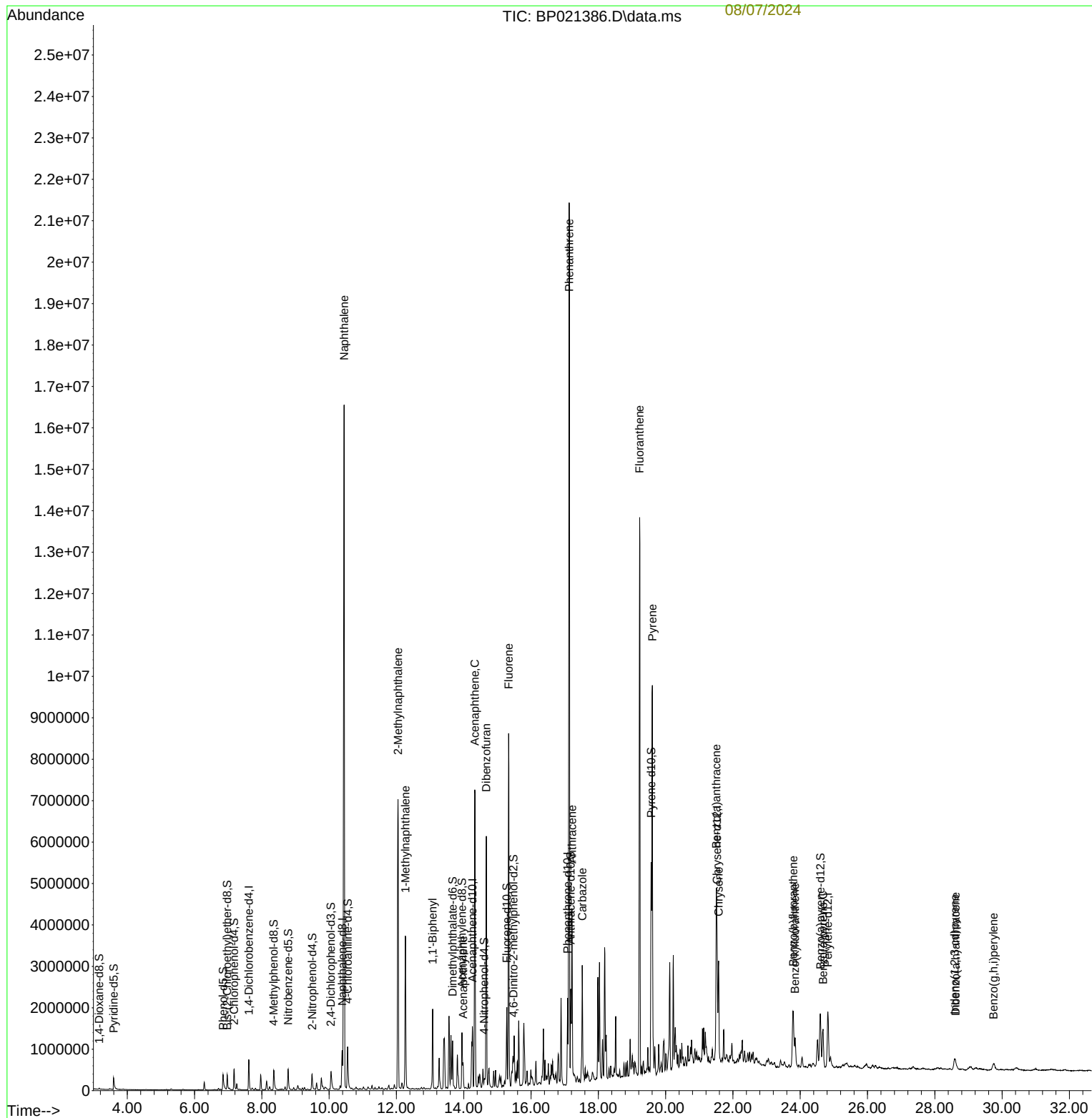
Instrument :
BNA_P
ClientSampleId :
F7E02

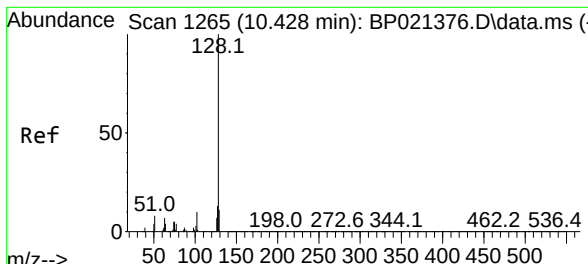
Quant Time: Aug 06 02:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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#30
Naphthalene
Concen: 328.284 ng/ul
RT: 10.446 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

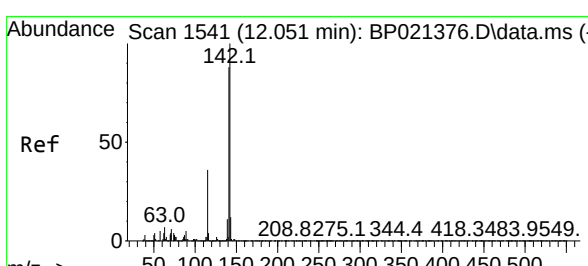
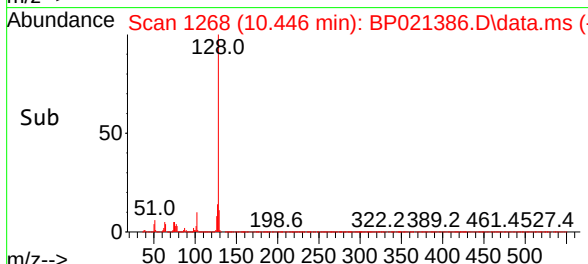
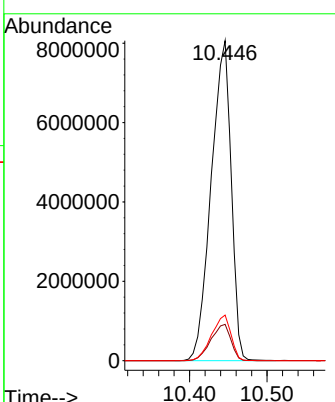
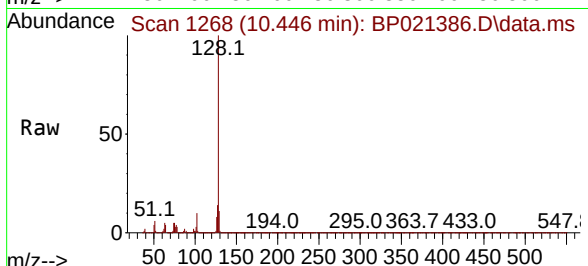
Instrument : BNA_P
ClientSampleId : F7E02

Tgt Ion:128 Resp:1442214

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	14.3	10.8	16.2

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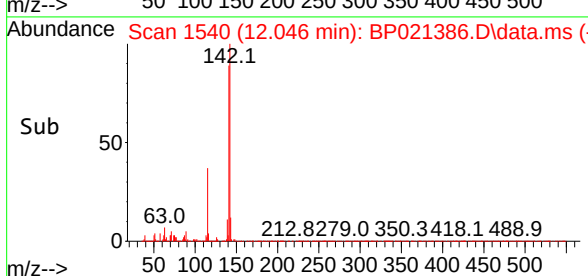
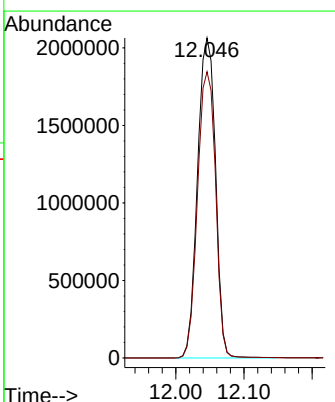
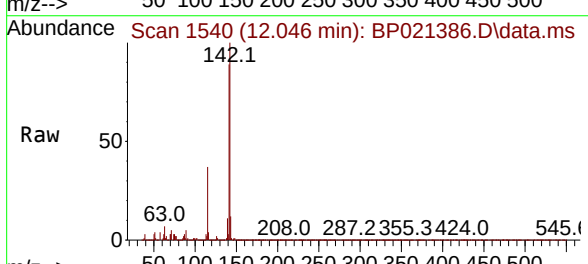
Reviewed By :Jagrut Upadhyay
08/06/2024
Supervised By :mohammad ahmed
08/07/2024

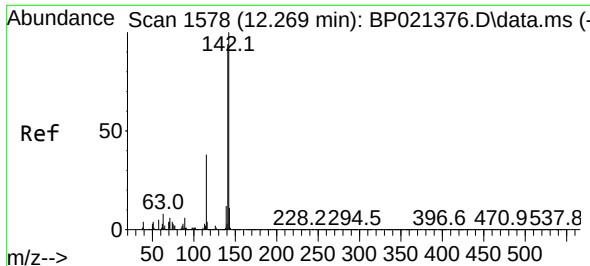


#36
2-Methylnaphthalene
Concen: 125.334 ng/ul
RT: 12.046 min Scan# 1540
Delta R.T. -0.023 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Tgt Ion:142 Resp: 3779642

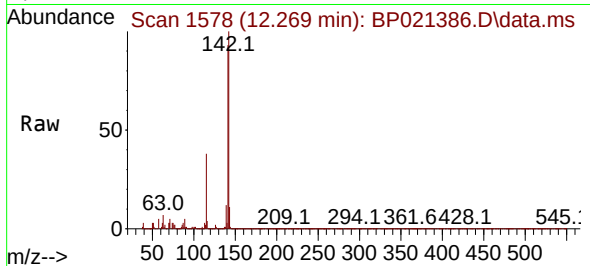
Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8





#37
1-Methylnaphthalene
Concen: 57.596 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument :
BNA_P
ClientSampleId :
F7E02

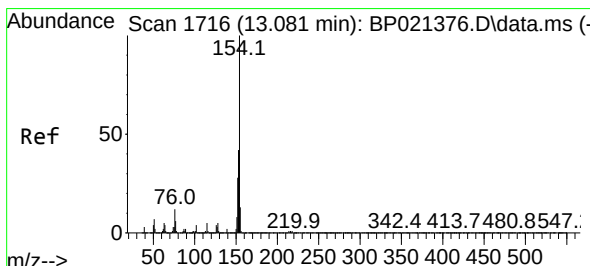
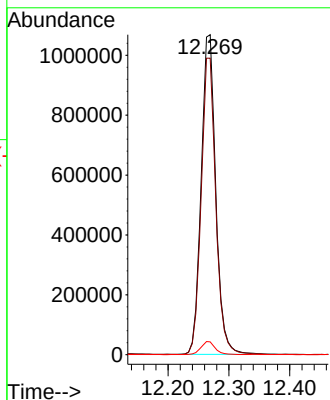
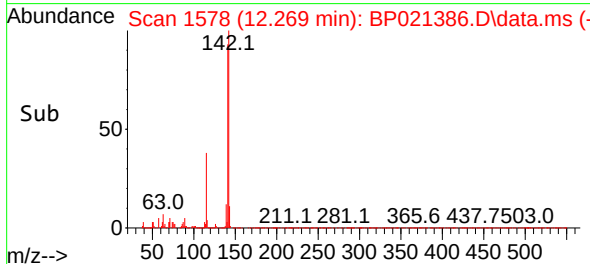


Tgt Ion:142 Resp: 1786350
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.6
116 4.0 3.2 4.8

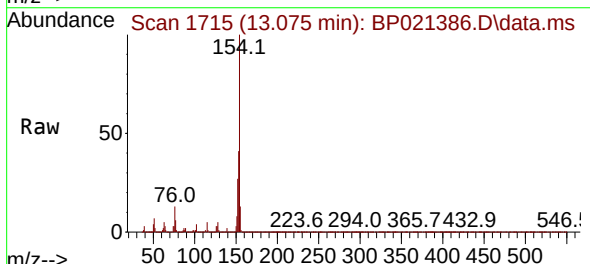
Manual Integrations
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Upadhyay
08/06/2024

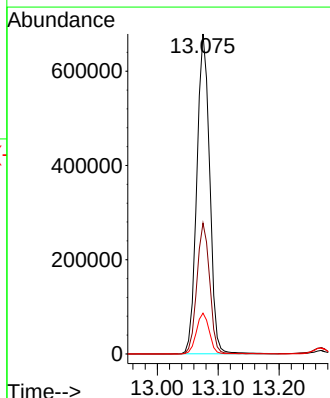
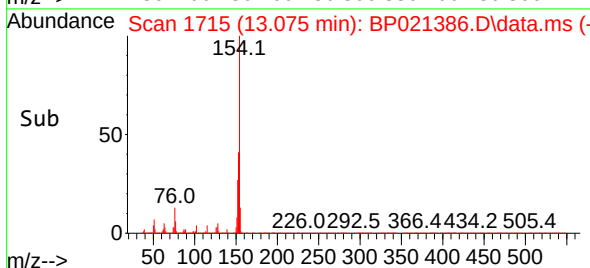
Supervised By :mohammad
ahmed
08/07/2024

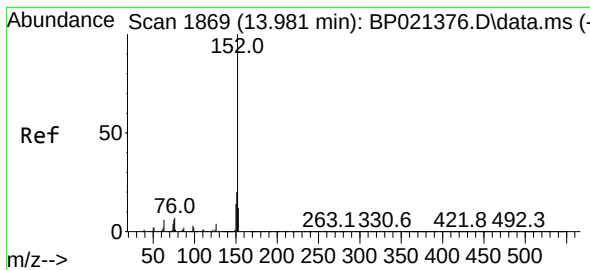


#43
1,1'-Biphenyl
Concen: 24.983 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36



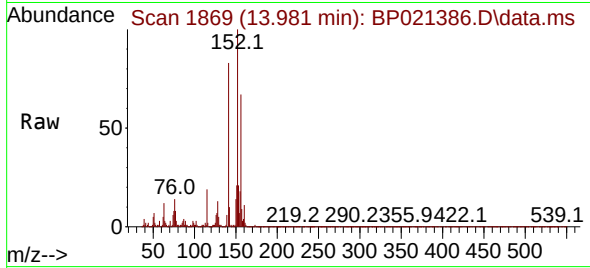
Tgt Ion:154 Resp: 992317
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 12.7 9.4 14.2





#50
Acenaphthylene
Concen: 3.797 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument : BNA_P
ClientSampleId : F7E02

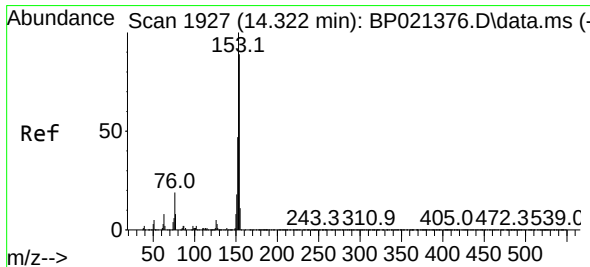
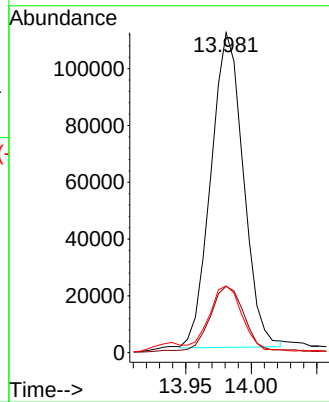
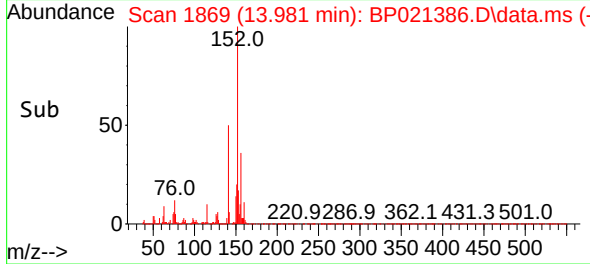


Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	20.8	10.3	15.5

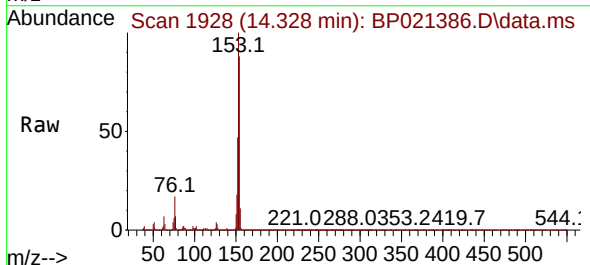
Manual Integrations
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Reviewed By :Jagrut
Upadhyay
08/06/2024

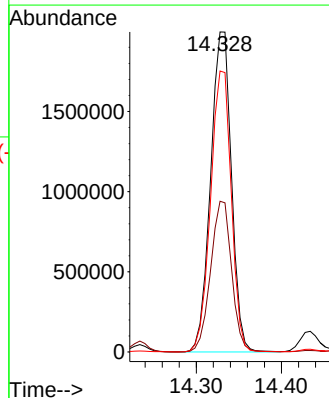
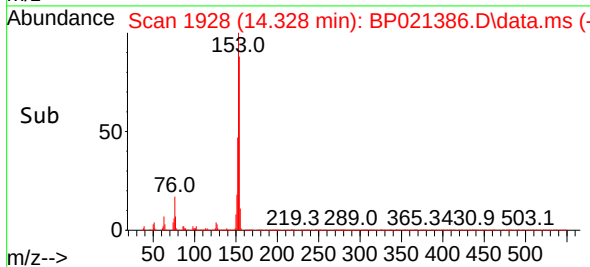
Supervised By :mohammad
ahmed
08/07/2024

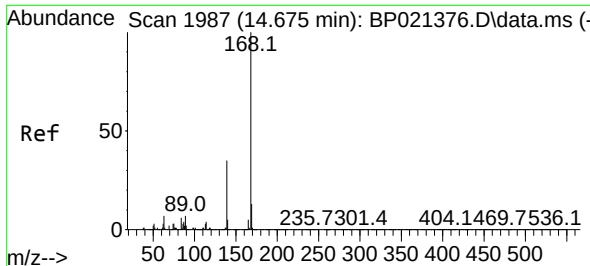


#52
Acenaphthene
Concen: 101.952 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36



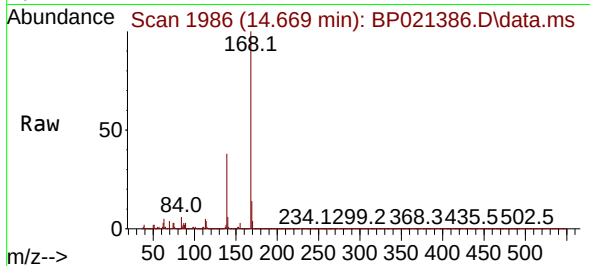
Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.8	56.6
154	87.8	71.8	107.6





#56
Diben-zofuran
Concen: 84.979 ng/ul
RT: 14.669 min Scan# 1987
Delta R.T. -0.017 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument :
BNA_P
ClientSampleId :
F7E02

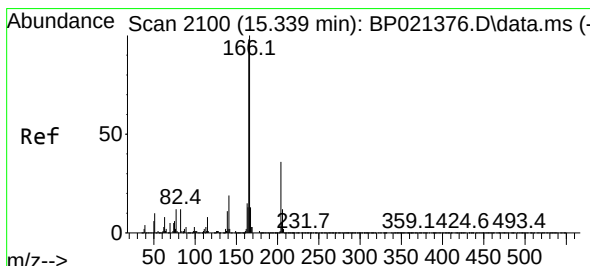
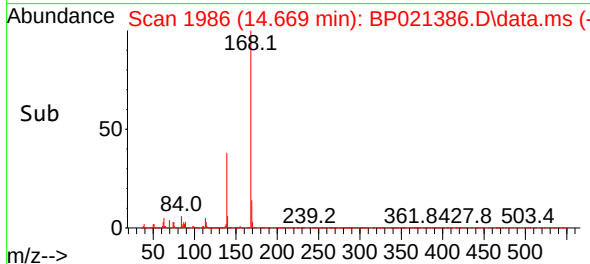
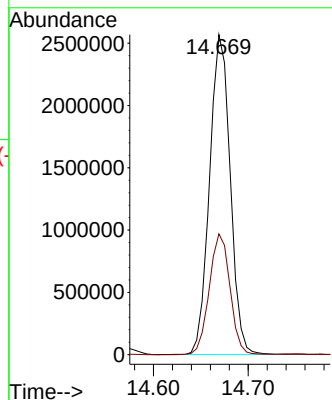


Tgt Ion:168 Resp: 3879648
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7

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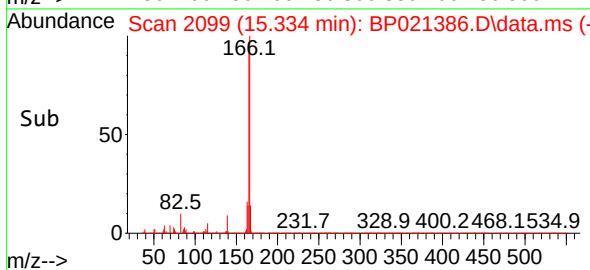
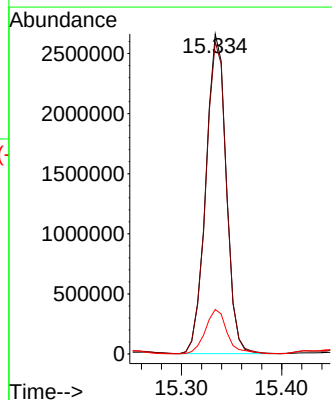
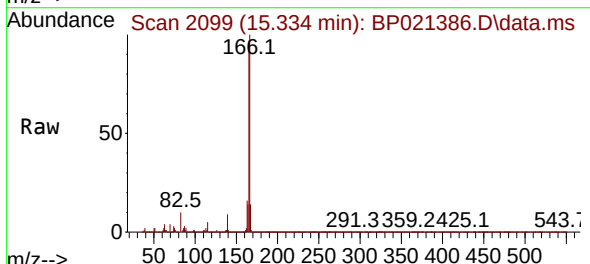
Reviewed By :Jagrut
Upadhyay
08/06/2024

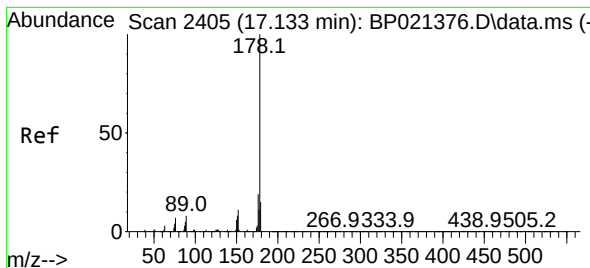
Supervised By :mohammad
ahmed
08/07/2024



#61
Fluorene
Concen: 100.710 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

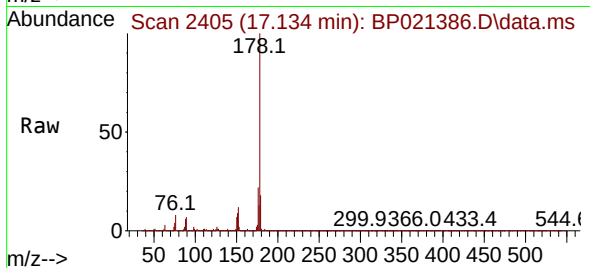
Tgt Ion:166 Resp: 3751988
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.9 10.9 16.3





#72
Phenanthrene
Concen: 241.810 ng/ul
RT: 17.134 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument :
BNA_P
ClientSampleId :
F7E02



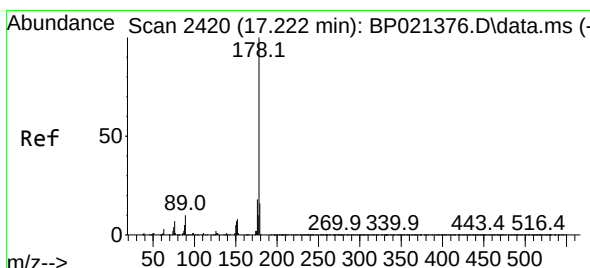
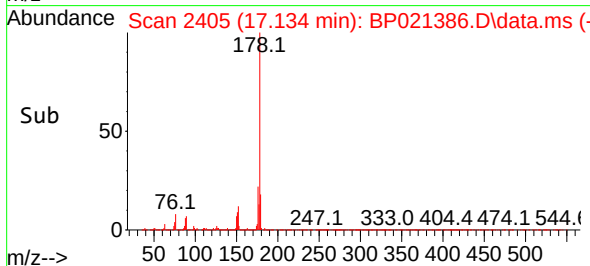
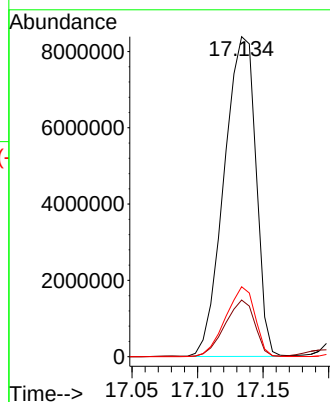
Tgt Ion:178 Resp:1415612

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.2	18.4
176	21.9	15.0	22.4

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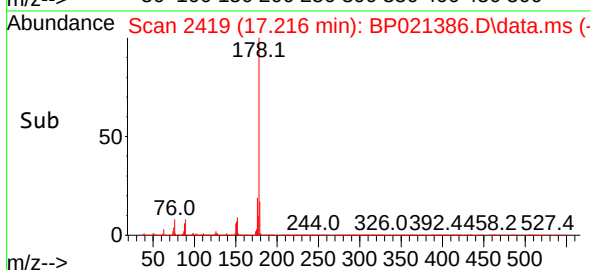
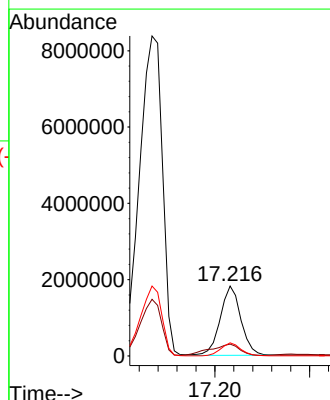
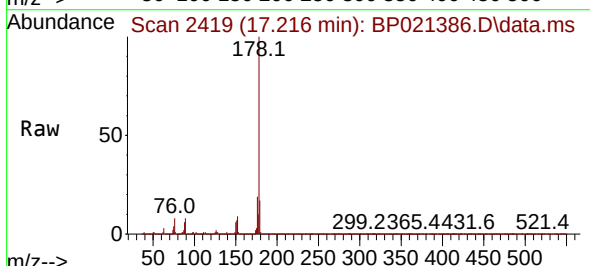
Supervised By :mohammad
ahmed
08/07/2024

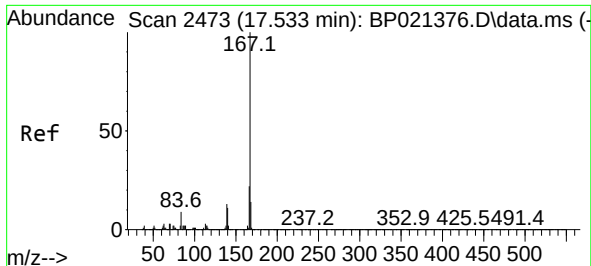


#74
Anthracene
Concen: 46.474 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. -0.017 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Tgt Ion:178 Resp: 2773662

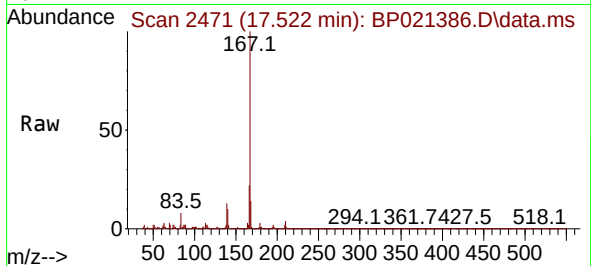
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.5	18.7
176	18.8	14.8	22.2





#77
 Carbazole
 Concen: 30.828 ng/uI
 RT: 17.522 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BP021386.D
 Acq: 06 Aug 2024 01:36

Instrument :
 BNA_P
 ClientSampleId :
 F7E02

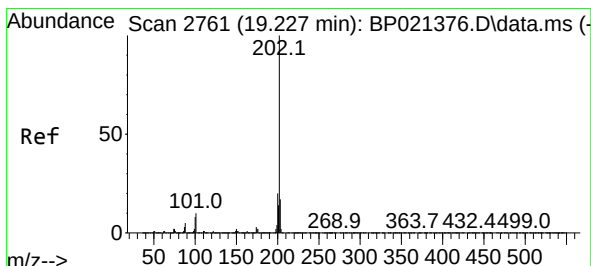
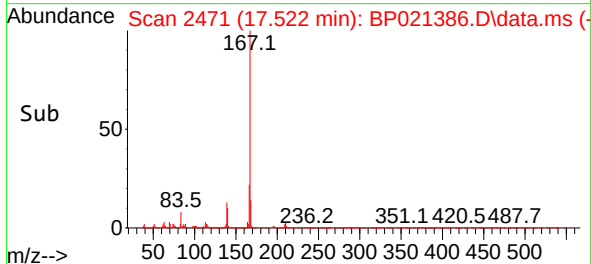
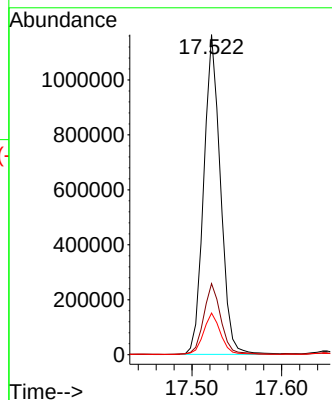


Tgt Ion:167 Resp: 1504050
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.0 10.2 15.2

Manual Integrations
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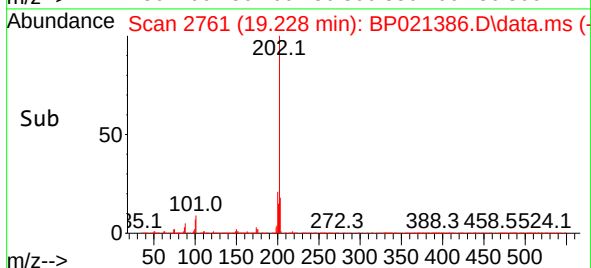
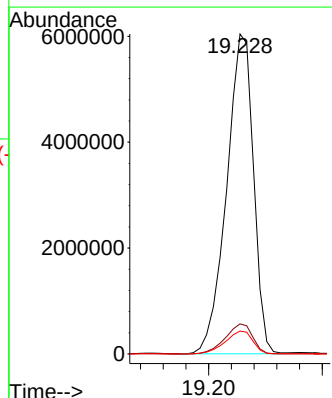
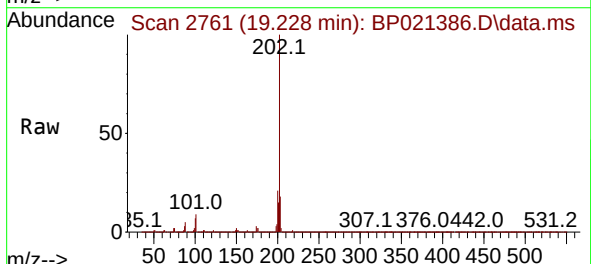
Reviewed By :Jagrut
 Upadhyay
 08/06/2024

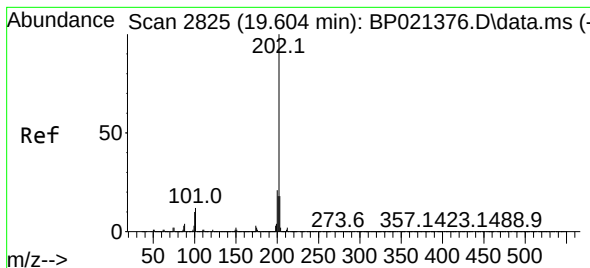
Supervised By :mohammad
 ahmed
 08/07/2024



#80
 Fluoranthene
 Concen: 114.597 ng/uI
 RT: 19.228 min Scan# 2761
 Delta R.T. -0.005 min
 Lab File: BP021386.D
 Acq: 06 Aug 2024 01:36

Tgt Ion:202 Resp: 9910001
 Ion Ratio Lower Upper
 202 100
 101 9.4 8.0 12.0
 100 7.2 6.1 9.1





#82

Pyrene

Concen: 78.517 ng/ul

RT: 19.604 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP021386.D

Acq: 06 Aug 2024 01:36

Instrument :

BNA_P

ClientSampleId :

F7E02

Tgt Ion:202 Resp: 690936

Ion Ratio Lower Upper

202 100

101 10.8 9.4 14.2

100 8.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut

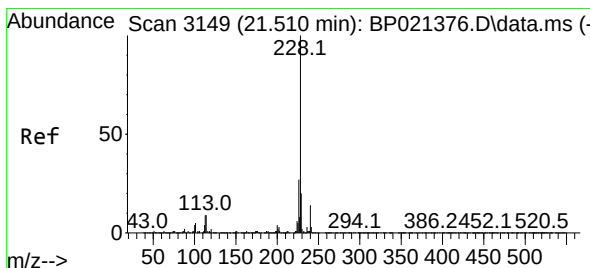
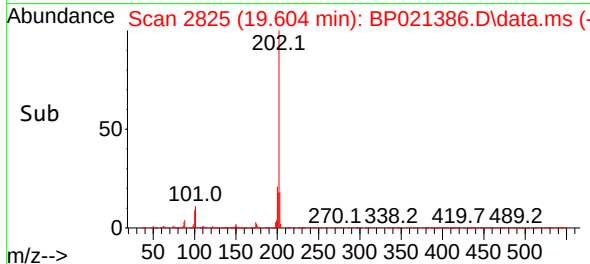
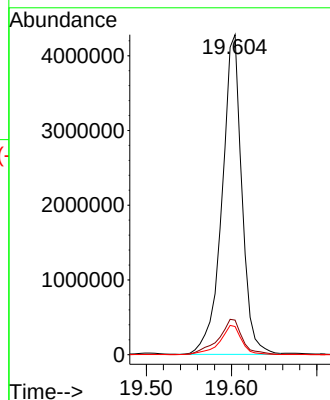
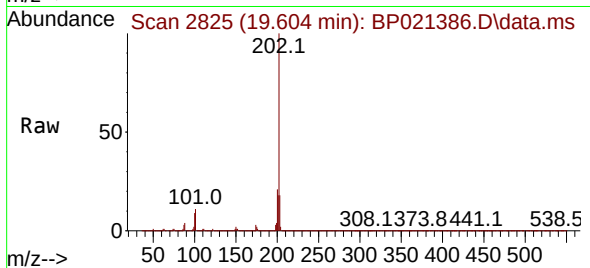
Upadhyay

08/06/2024

Supervised By :mohammad

ahmed

08/07/2024



#85

Benzo(a)anthracene

Concen: 32.458 ng/ul

RT: 21.504 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BP021386.D

Acq: 06 Aug 2024 01:36

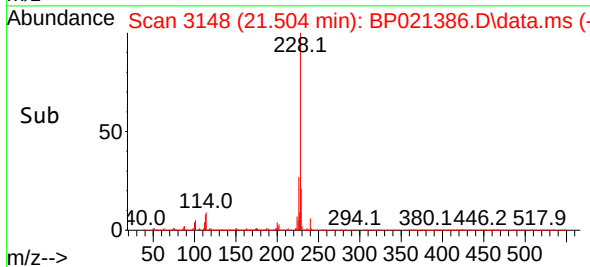
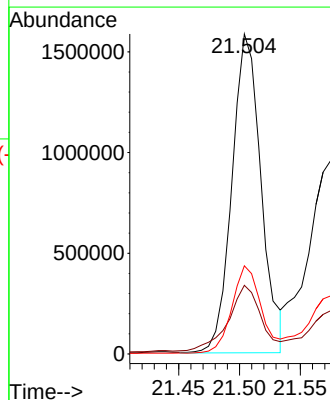
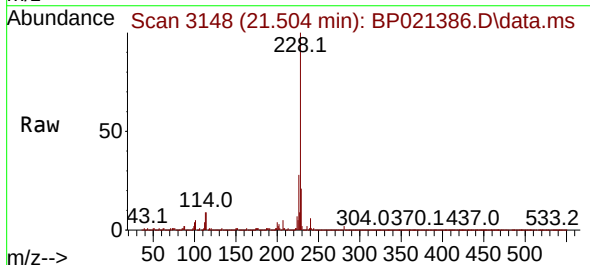
Tgt Ion:228 Resp: 2633526

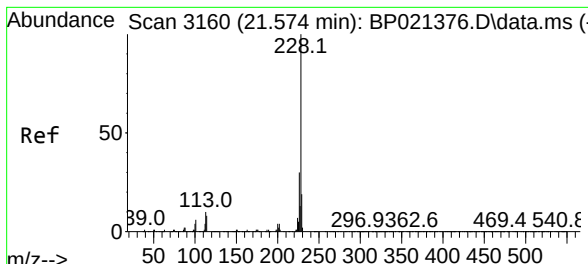
Ion Ratio Lower Upper

228 100

229 21.4 15.5 23.3

226 27.5 21.4 32.2





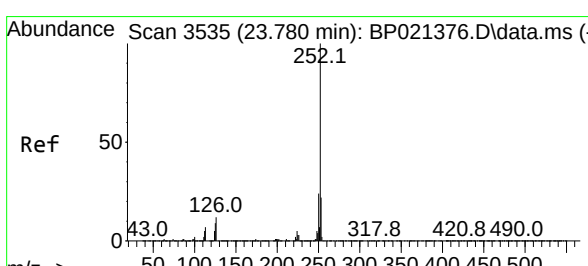
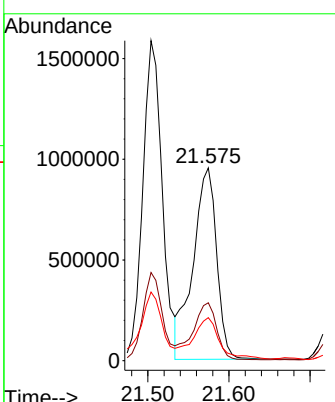
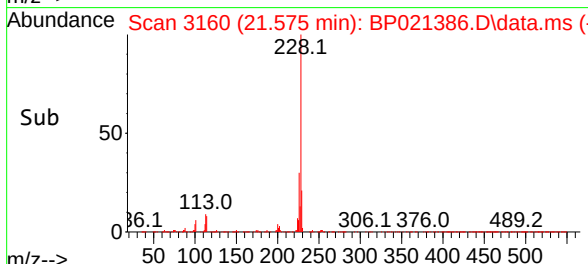
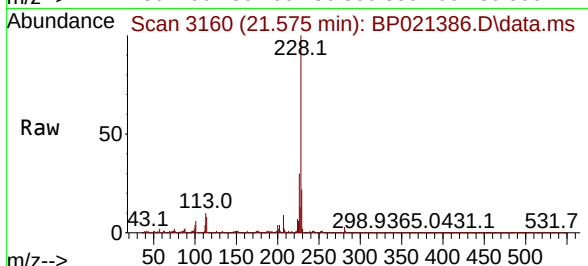
#87
 Chrysene
 Concen: 25.530 ng/ul
 RT: 21.575 min Scan# 3160
 Delta R.T. -0.011 min
 Lab File: BP021386.D
 Acq: 06 Aug 2024 01:36

Instrument : BNA_P
 ClientSampleId : F7E02

Tgt Ion: 228 Resp: 1924750

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	22.3	15.5	23.3

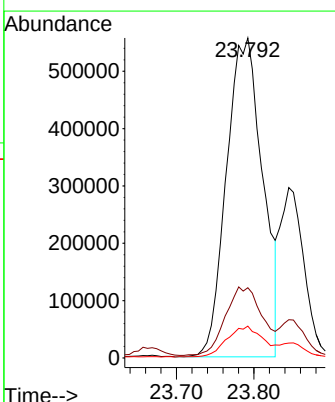
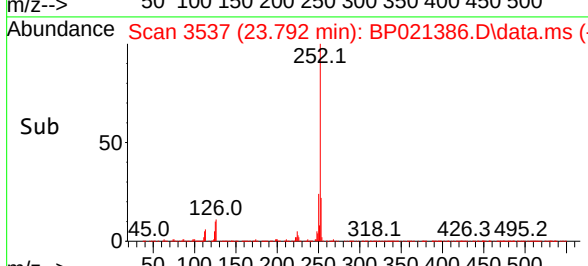
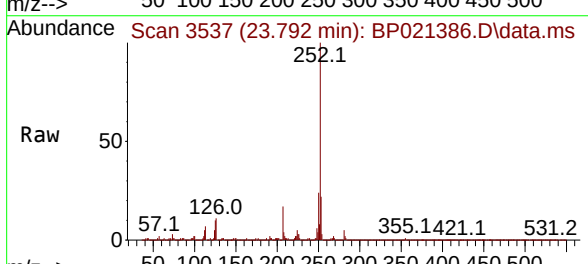
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay
 08/06/2024
 Supervised By :mohammad ahmed
 08/07/2024

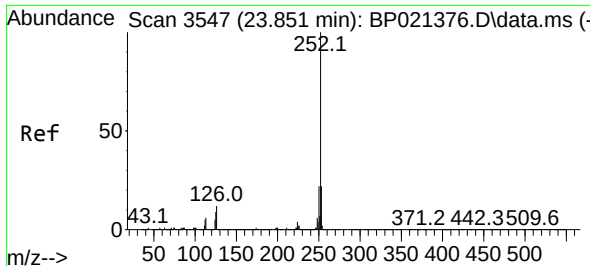


#90
 Benzo(b)fluoranthene
 Concen: 21.454 ng/ul
 RT: 23.792 min Scan# 3537
 Delta R.T. 0.006 min
 Lab File: BP021386.D
 Acq: 06 Aug 2024 01:36

Tgt Ion: 252 Resp: 1808971

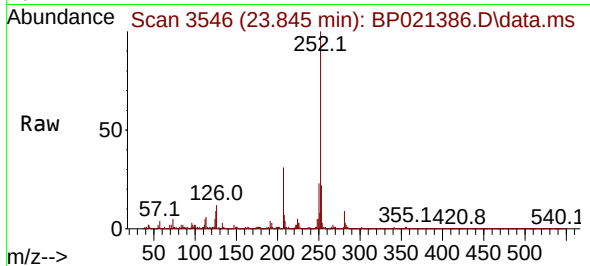
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.9	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 7.302 ng/ul
RT: 23.845 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument :
BNA_P
ClientSampleId :
F7E02

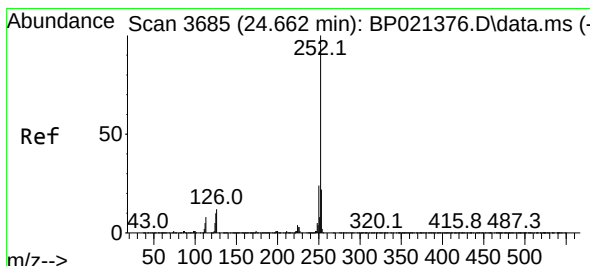
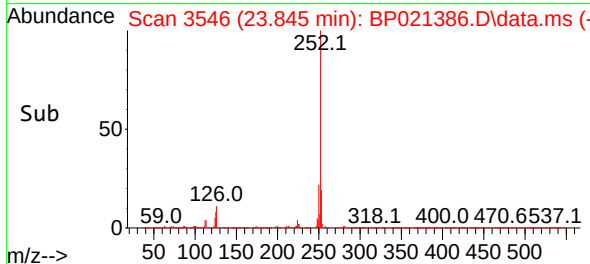
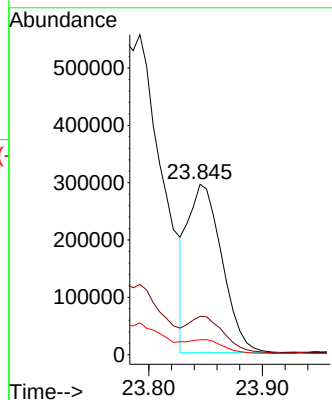


Tgt Ion:252 Resp: 614427
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 8.7 7.4 11.0

Manual Integrations
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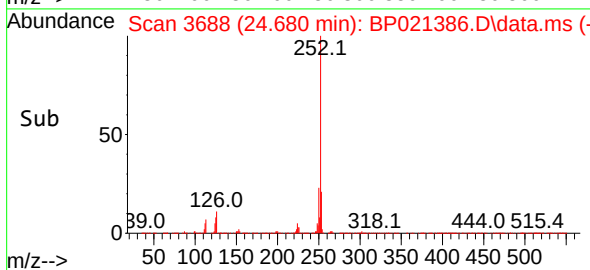
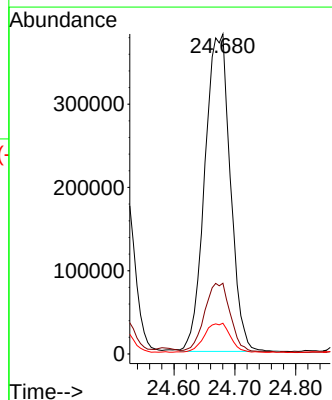
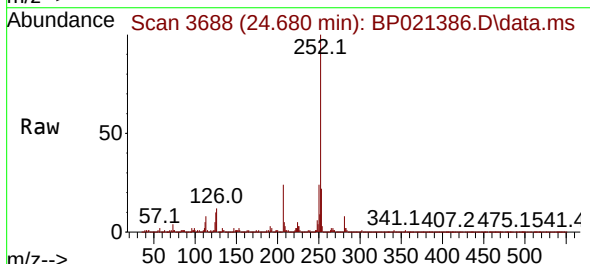
Reviewed By :Jagrut
Upadhyay
08/06/2024

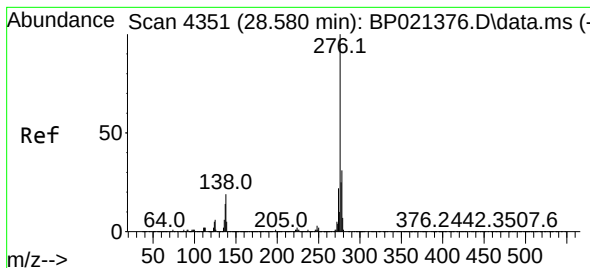
Supervised By :mohammad
ahmed
08/07/2024



#93
Benzo(a)pyrene
Concen: 13.884 ng/ul
RT: 24.680 min Scan# 3688
Delta R.T. 0.000 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Tgt Ion:252 Resp: 1106245
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.051 ng/ul

RT: 28.586 min Scan# 41588

Delta R.T. -0.011 min

Lab File: BP021386.D

Acq: 06 Aug 2024 01:36

Instrument :

BNA_P

ClientSampleId :

F7E02

Tgt Ion:276 Resp: 41588

Ion Ratio Lower Upper

276 100

138 19.3 14.3 21.5

277 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

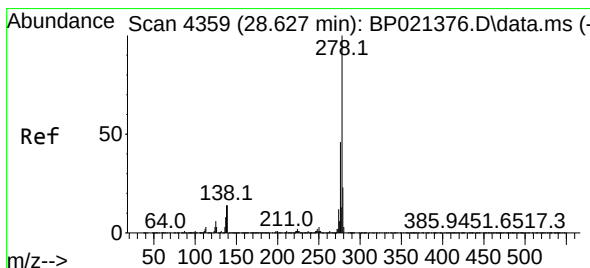
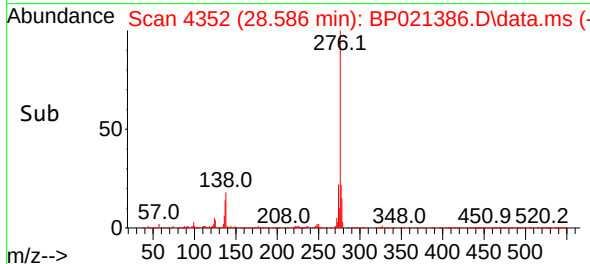
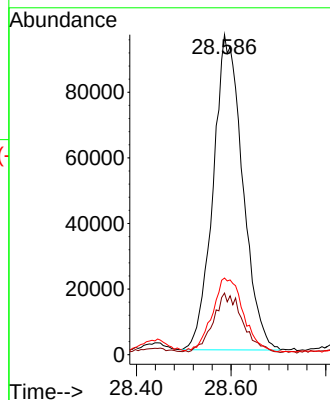
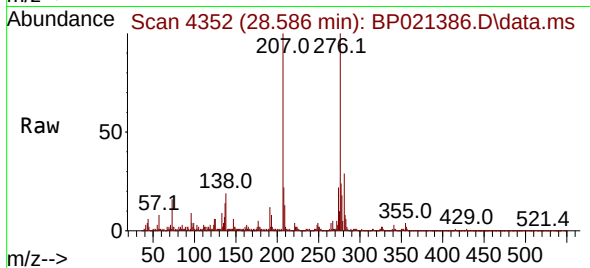
Upadhyay

08/06/2024

Supervised By :mohammad

ahmed

08/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.521 ng/ul

RT: 28.615 min Scan# 4357

Delta R.T. -0.023 min

Lab File: BP021386.D

Acq: 06 Aug 2024 01:36

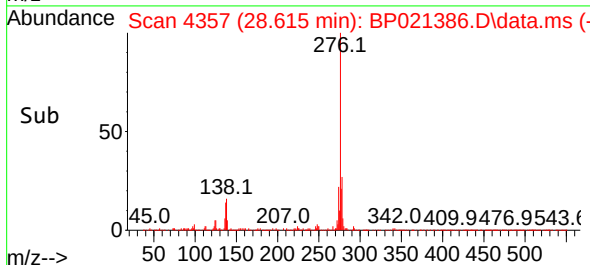
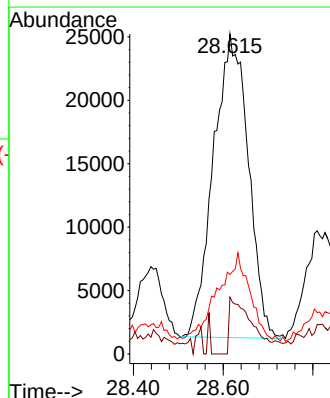
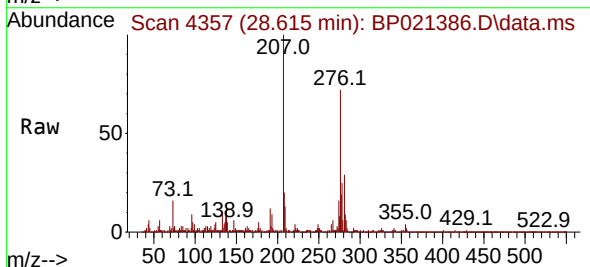
Tgt Ion:278 Resp: 129309

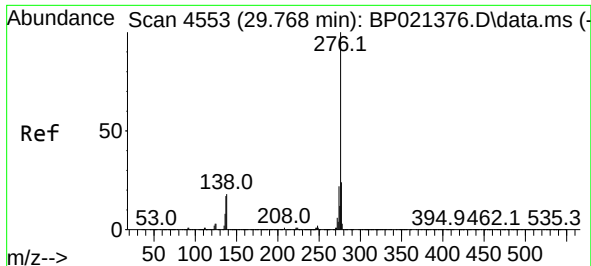
Ion Ratio Lower Upper

278 100

139 17.8 10.9 16.3#

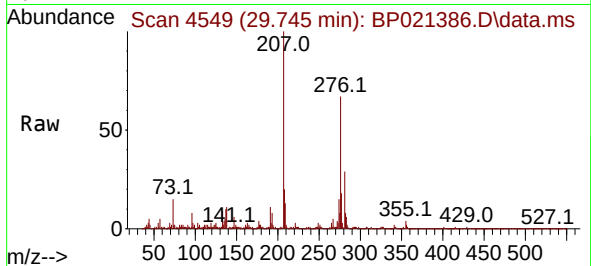
279 24.9 19.4 29.0





#96
Benzo(g,h,i)perylene
Concen: 4.054 ng/ul
RT: 29.745 min Scan# 4549
Delta R.T. -0.017 min
Lab File: BP021386.D
Acq: 06 Aug 2024 01:36

Instrument :
BNA_P
ClientSampleId :
F7E02



Tgt Ion:276 Resp: 338960
Ion Ratio Lower Upper
276 100
138 16.1 15.3 22.9
277 26.1 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
08/06/2024

Supervised By :mohammad
ahmed
08/07/2024

