

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019439.D
 Acq On : 24 Jan 2024 02:20
 Operator : MA/JU
 Sample : P1158-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 24 02:55:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	166325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	635409	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	441196	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	930029	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	657440	20.000	ng/u1	0.00
88) Perylene-d12	23.616	264	741147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds					Qvalue	
30) Naphthalene	10.610	128	487025	13.602	ng/u1	100
36) 2-Methylnaphthalene	12.228	142	585652	22.481	ng/u1	98
37) 1-Methylnaphthalene	12.446	142	605135	23.741	ng/u1	100
43) 1,1'-Biphenyl	13.246	154	98293	2.697	ng/u1	99
50) Acenaphthylene	14.134	152	99535	2.175	ng/u1#	76
52) Acenaphthene	14.475	153	77101	2.571	ng/u1	94
56) Dibenzofuran	14.816	168	95412	2.222	ng/u1	96
61) Fluorene	15.463	166	516642	14.692	ng/u1	98
72) Phenanthrene	17.216	178	3302394	63.214	ng/u1	100
74) Anthracene	17.304	178	195478	3.691	ng/u1	98
80) Fluoranthene	19.186	202	1589239	31.363	ng/u1	99
82) Pyrene	19.539	202	1072415	20.851	ng/u1	98
85) Benzo(a)anthracene	21.257	228	549988m	10.746	ng/u1	
87) Chrysene	21.310	228	791511	16.919	ng/u1	96
90) Benzo(b)fluoranthene	22.904	252	295829	5.585	ng/u1	98
91) Benzo(k)fluoranthene	22.945	252	100194	1.950	ng/u1#	93

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

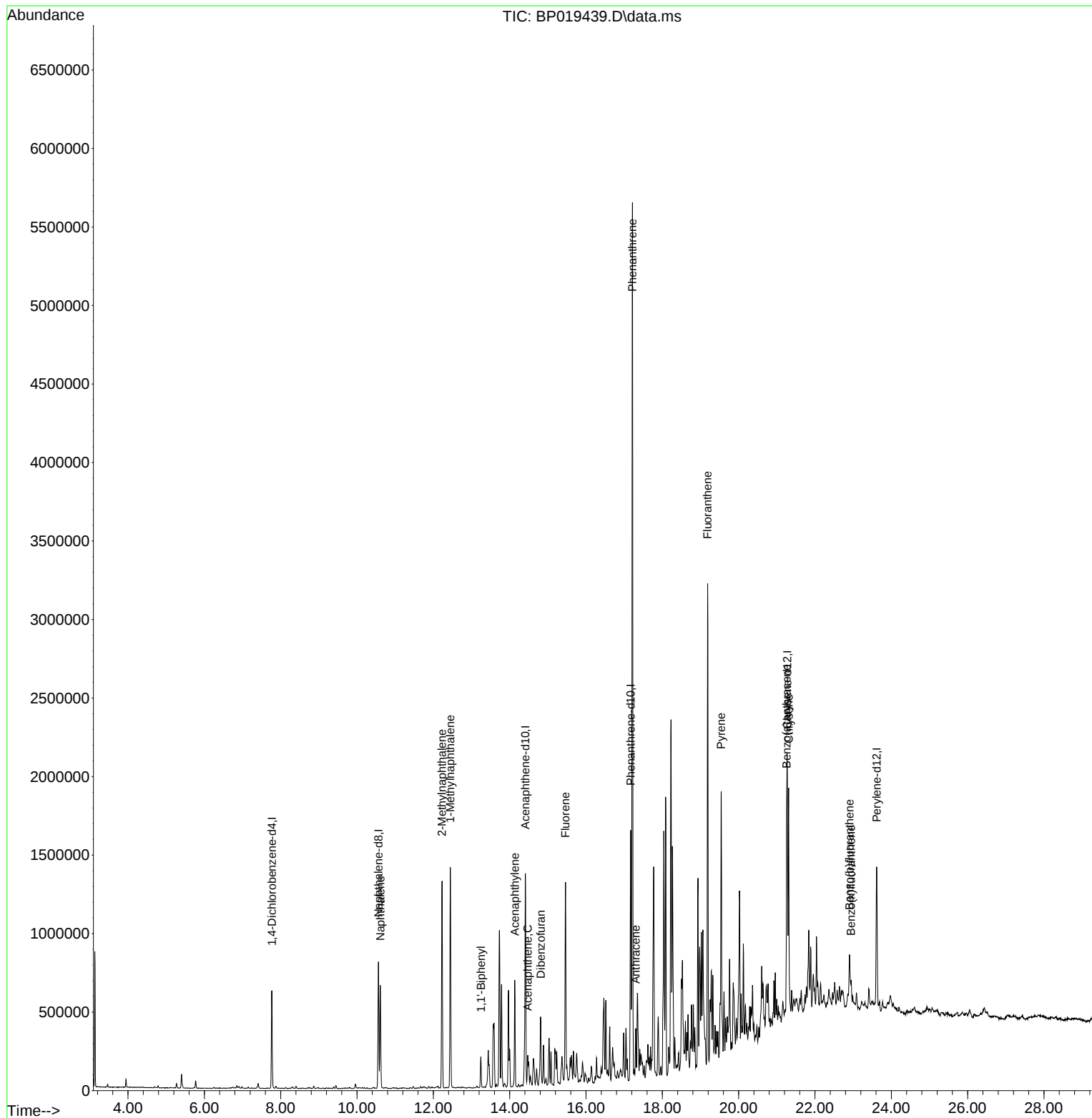
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Data File : BP019439.D
Acq On : 24 Jan 2024 02:20
Operator : MA/JU
Sample : P1158-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

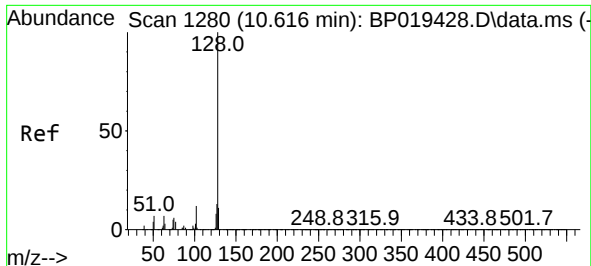
Instrument :
BNA_P
ClientSampleId :
C0AG2

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration





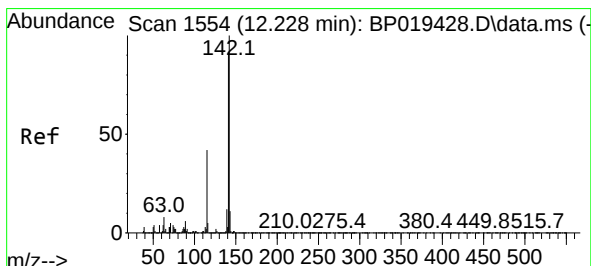
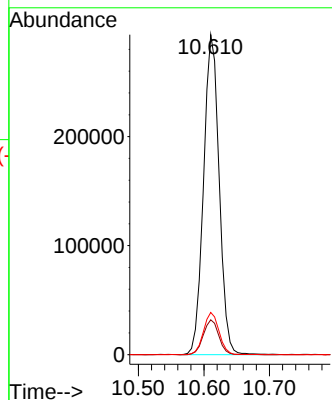
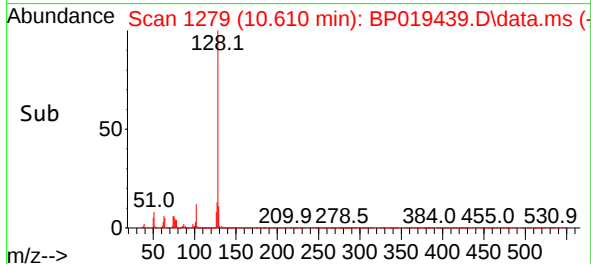
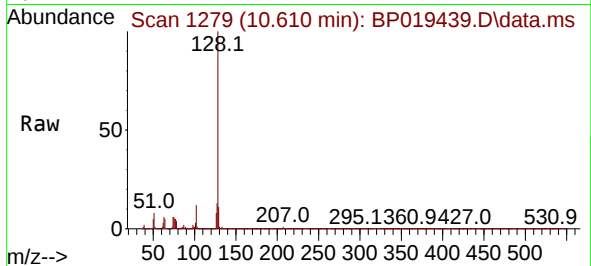
#30
Naphthalene
Concen: 13.602 ng/ul
RT: 10.610 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Instrument :
BNA_P
ClientSampleId :
C0AG2

Tgt Ion:128 Resp: 487025
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.6 15.8

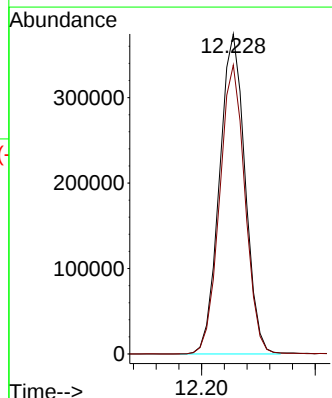
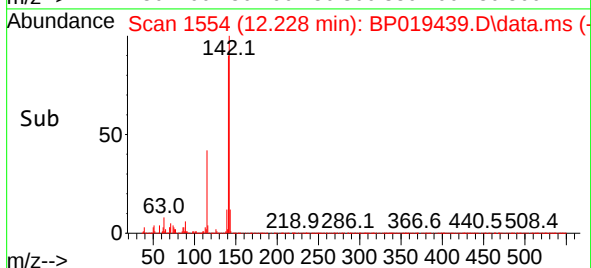
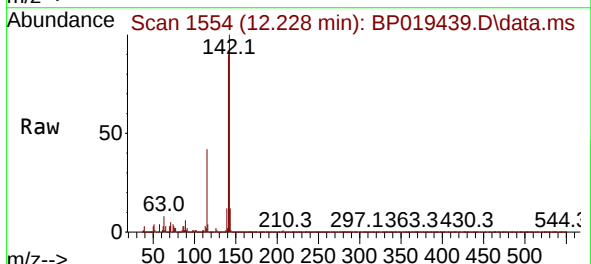
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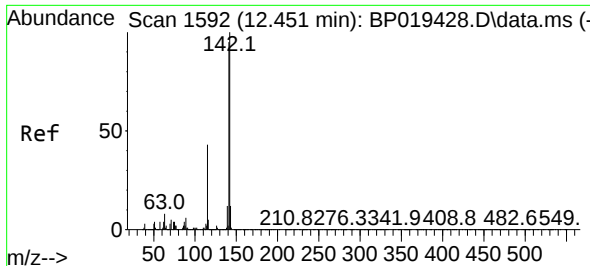
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#36
2-Methylnaphthalene
Concen: 22.481 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Tgt Ion:142 Resp: 585652
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7





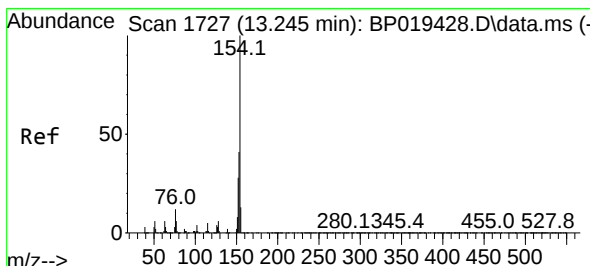
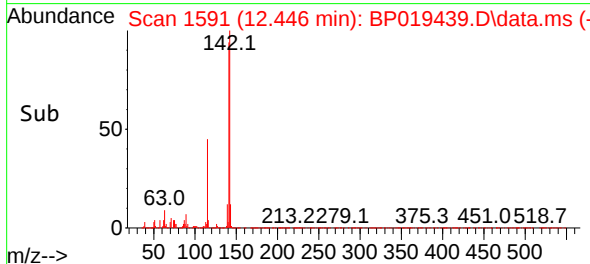
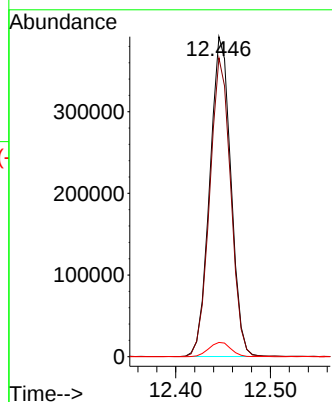
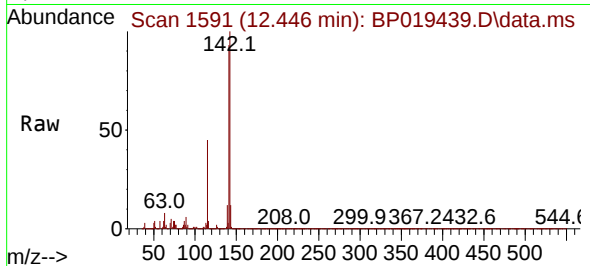
#37
1-Methylnaphthalene
Concen: 23.741 ng/ul
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Instrument :
BNA_P
ClientSampleId :
C0AG2

Tgt Ion:142 Resp: 60513
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.5 3.9 5.9

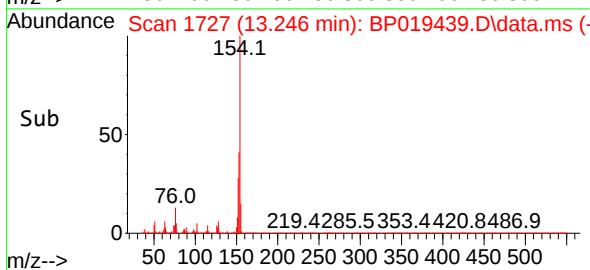
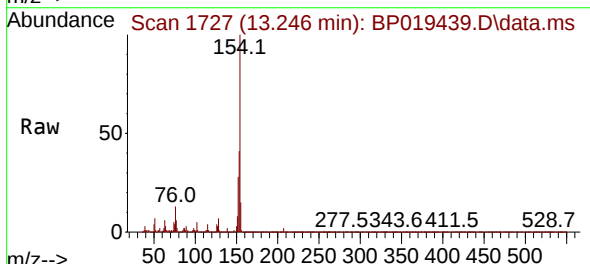
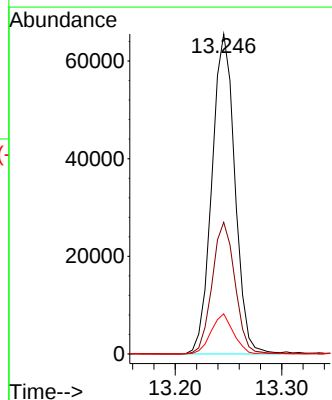
Manual Integrations
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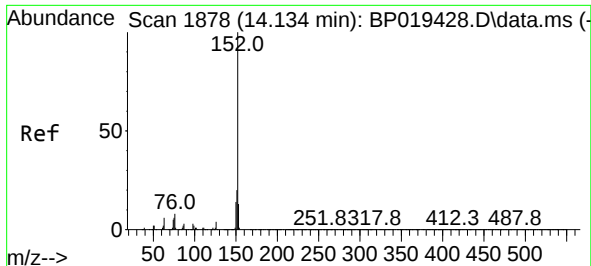
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#43
1,1'-Biphenyl
Concen: 2.697 ng/ul
RT: 13.246 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Tgt Ion:154 Resp: 98293
Ion Ratio Lower Upper
154 100
153 41.1 32.6 48.8
76 12.5 9.3 13.9





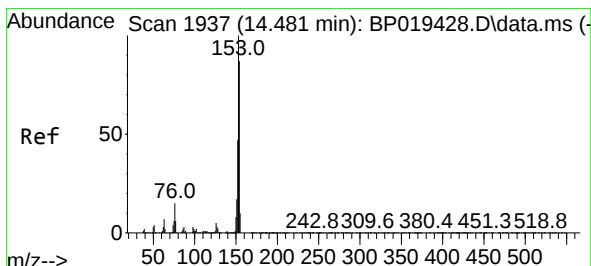
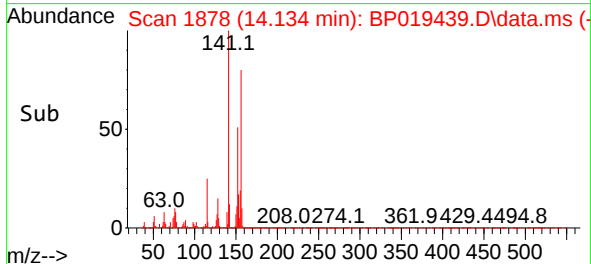
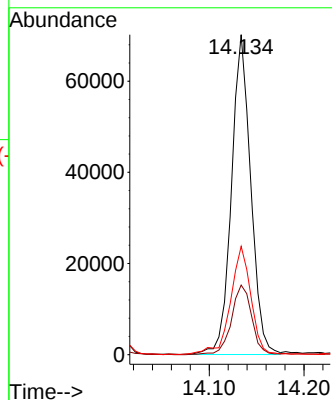
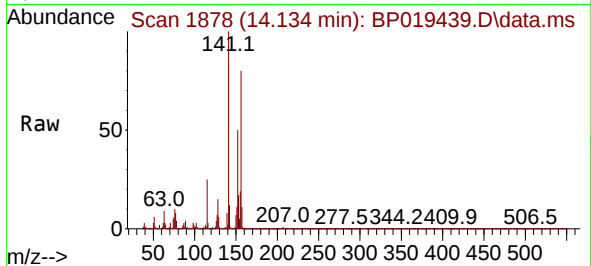
#50
Acenaphthylene
Concen: 2.175 ng/ul
RT: 14.134 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Instrument :
BNA_P
ClientSampleId :
C0AG2

Tgt Ion:152 Resp: 9953
Ion Ratio Lower Upper
152 100
151 21.8 15.8 23.6
153 33.9 10.3 15.5

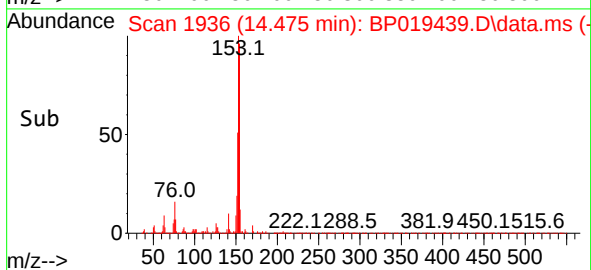
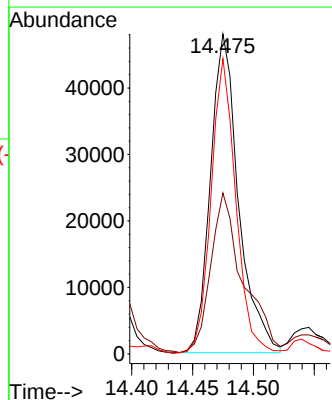
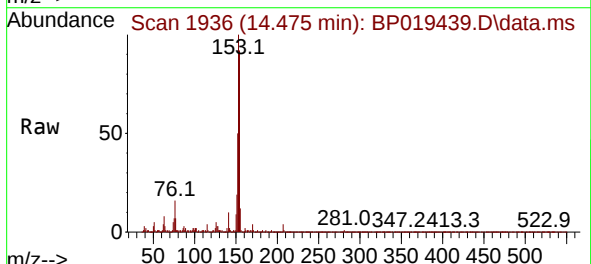
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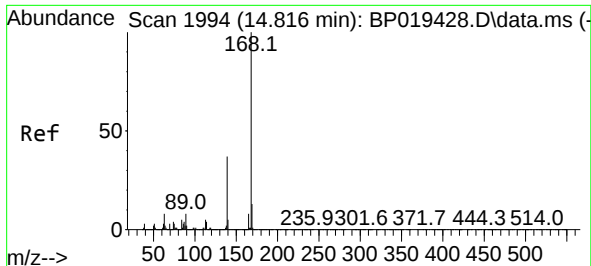
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#52
Acenaphthene
Concen: 2.571 ng/ul
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

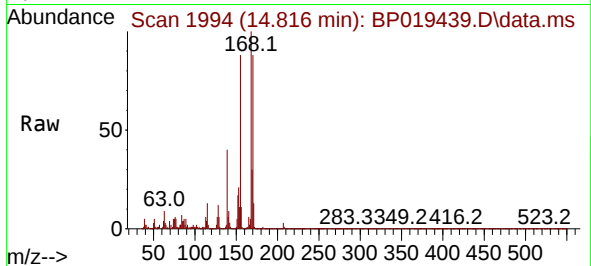
Tgt Ion:153 Resp: 77101
Ion Ratio Lower Upper
153 100
152 50.3 38.2 57.2
154 92.3 68.9 103.3





#56
Dibenzenofuran
Concen: 2.222 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

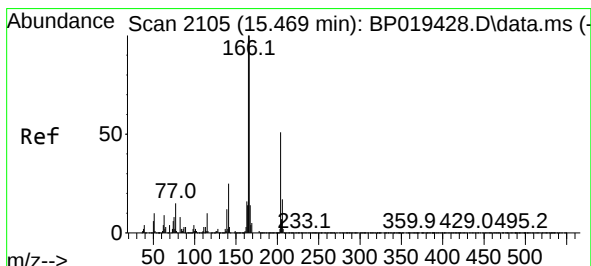
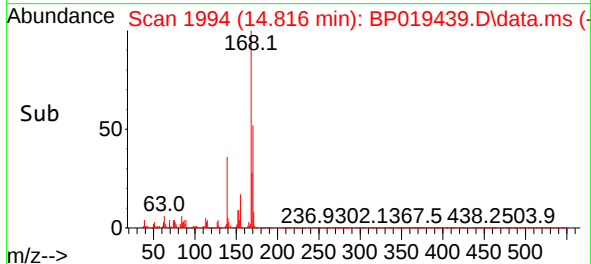
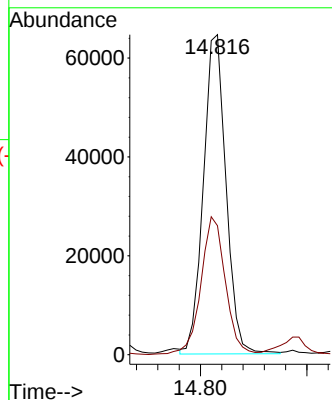
Instrument :
BNA_P
ClientSampleId :
C0AG2



Tgt Ion:168 Resp: 95412
Ion Ratio Lower Upper
168 100
139 40.3 30.3 45.5

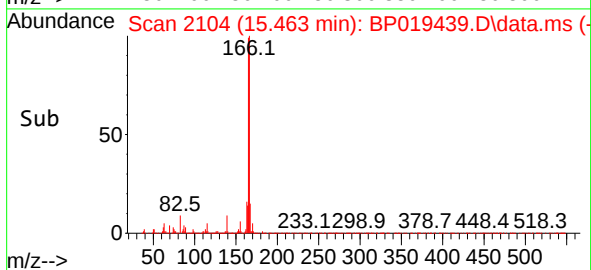
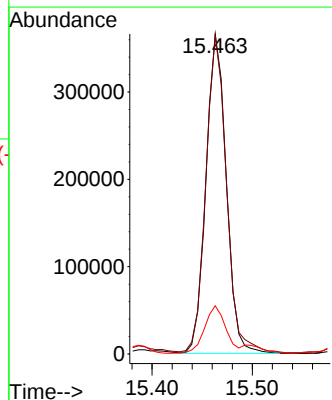
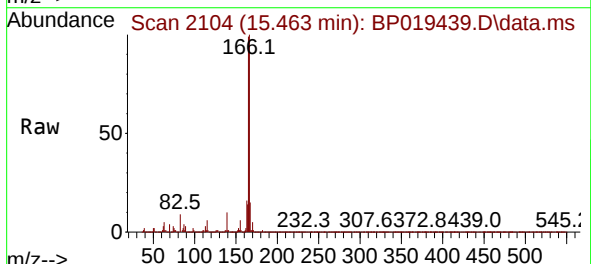
Manual Integrations
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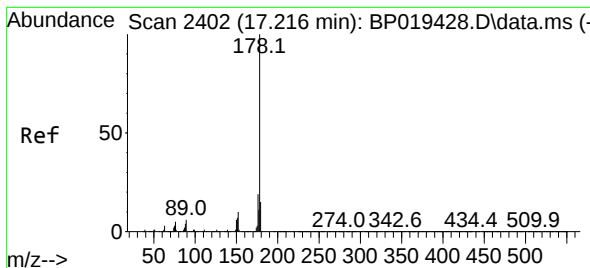
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#61
Fluorene
Concen: 14.692 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

Tgt Ion:166 Resp: 516642
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 15.1 10.6 15.8





#72

Phenanthrene

Concen: 63.214 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BP019439.D

Acq: 24 Jan 2024 02:20

Instrument :

BNA_P

ClientSampleId :

C0AG2

Tgt Ion:178 Resp: 3302394

Ion Ratio Lower Upper

178 100

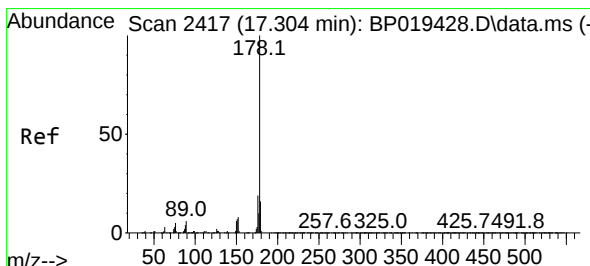
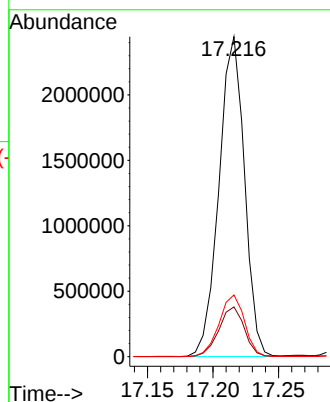
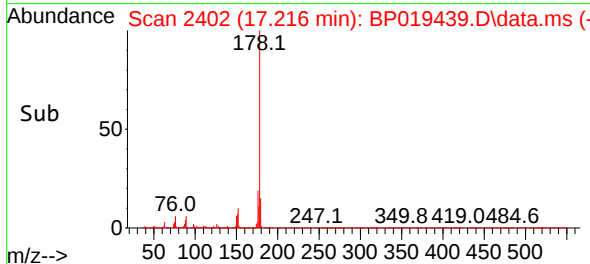
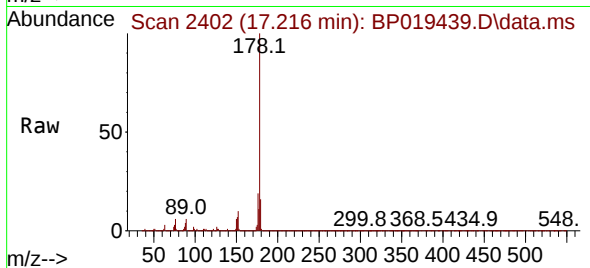
179 15.5 12.1 18.1

176 19.3 15.4 23.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 01/25/2024



#74

Anthracene

Concen: 3.691 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019439.D

Acq: 24 Jan 2024 02:20

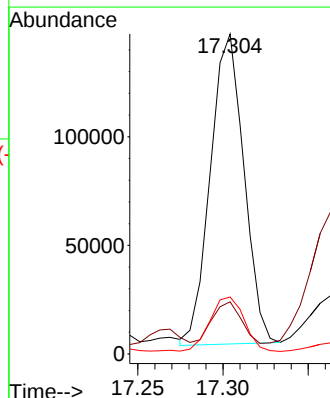
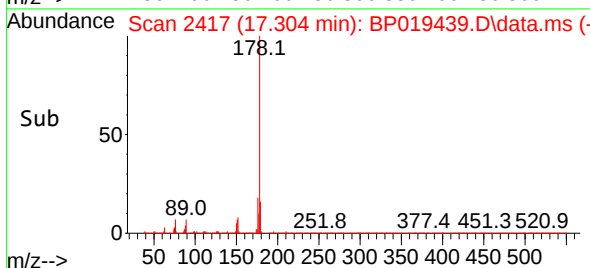
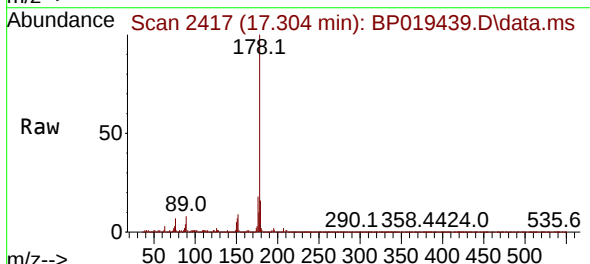
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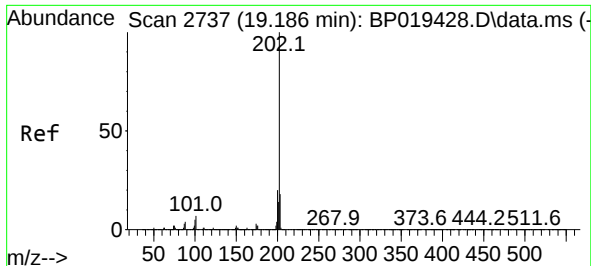
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

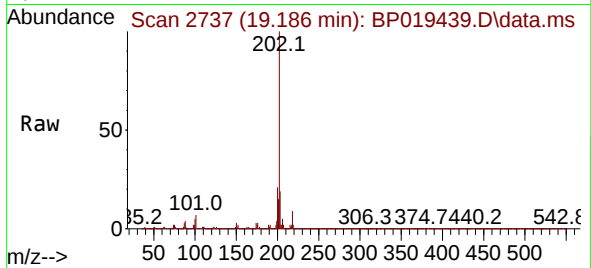
176 17.8 14.6 22.0





#80
Fluoranthene
Concen: 31.363 ng/u1
RT: 19.186 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

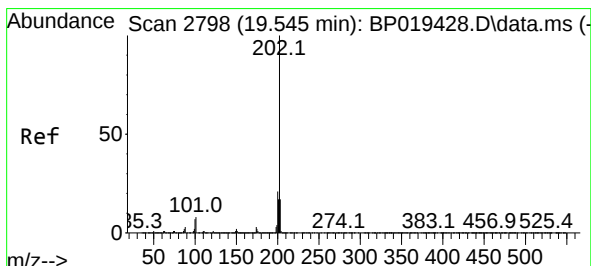
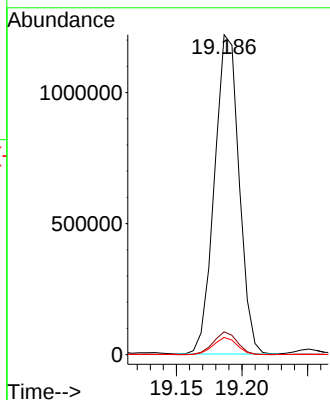
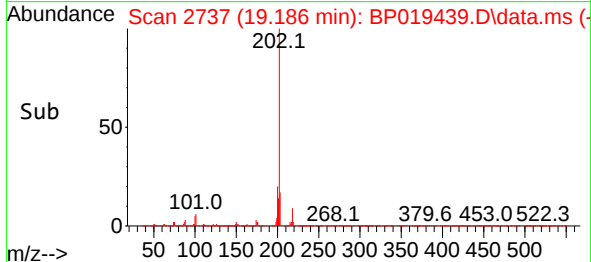
Instrument :
BNA_P
ClientSampleId :
C0AG2



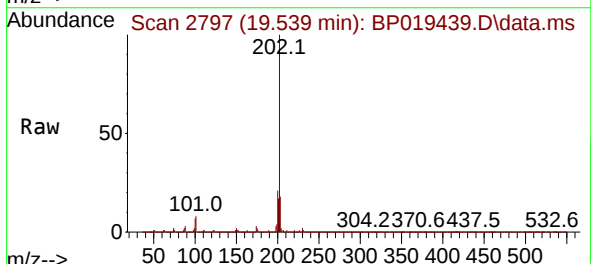
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Ion Ratio Lower Upper
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101 7.1 5.9 8.9
100 5.4 4.6 7.0

Manual Integrations
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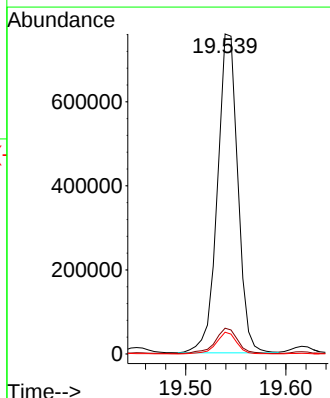
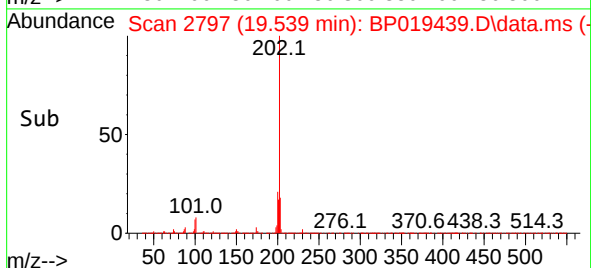
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

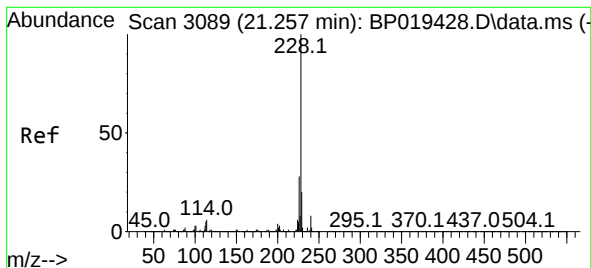


#82
Pyrene
Concen: 20.851 ng/u1
RT: 19.539 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20



Tgt Ion:202 Resp: 1072415
Ion Ratio Lower Upper
202 100
101 8.1 7.2 10.8
100 6.8 5.8 8.6





#85

Benzo(a)anthracene

Concen: 10.746 ng/ul m

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019439.D

Acq: 24 Jan 2024 02:20

Instrument :

BNA_P

ClientSampleId :

C0AG2

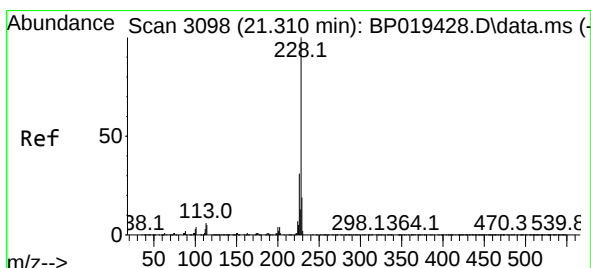
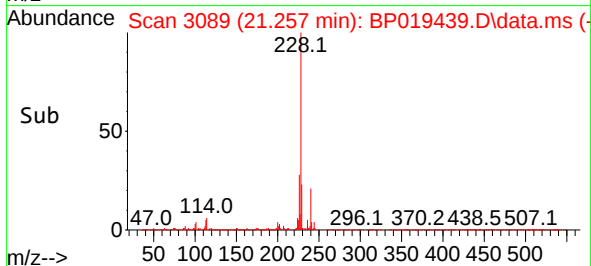
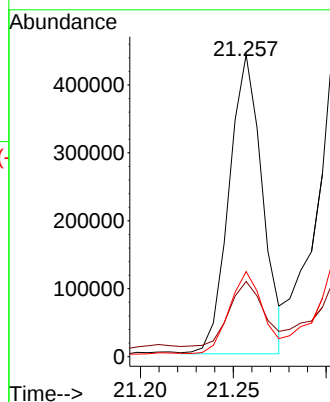
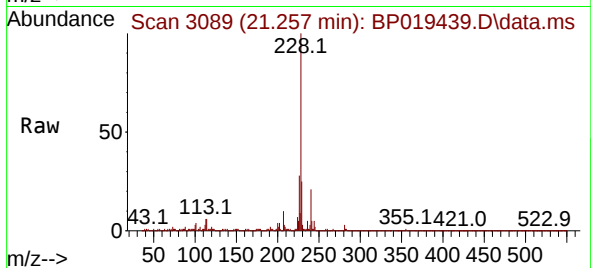
Tgt Ion:228 Resp: 549988

Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.8	23.6
226	28.2	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#87

Chrysene

Concen: 16.919 ng/ul

RT: 21.310 min Scan# 3098

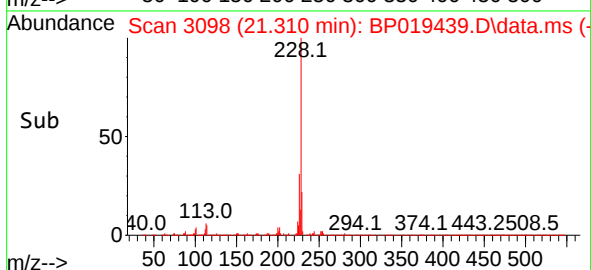
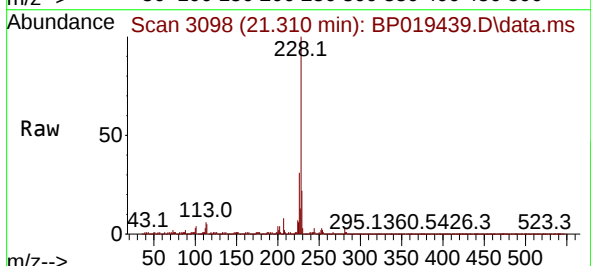
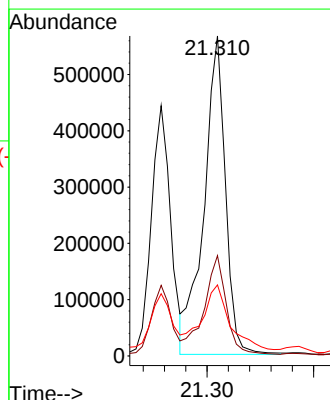
Delta R.T. -0.006 min

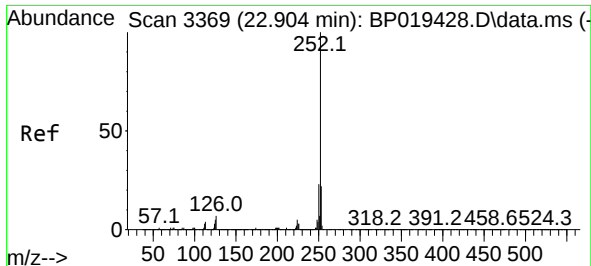
Lab File: BP019439.D

Acq: 24 Jan 2024 02:20

Tgt Ion:228 Resp: 791511

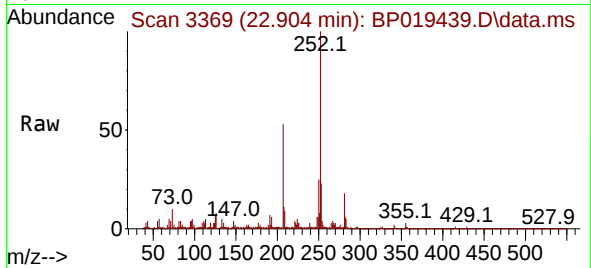
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.9	35.9
229	22.2	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 5.585 ng/u1
RT: 22.904 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20

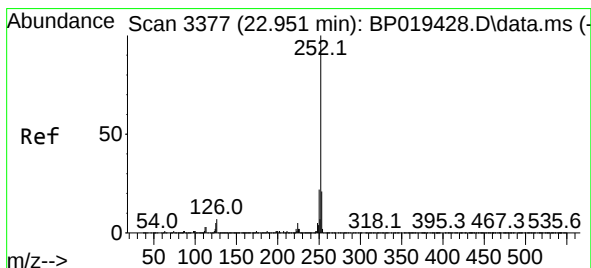
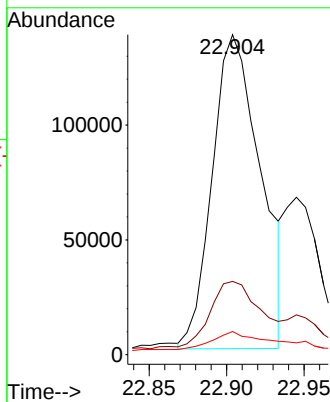
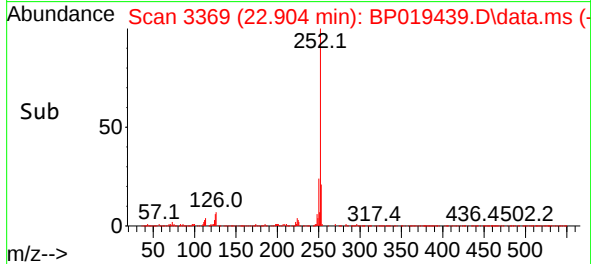
Instrument :
BNA_P
ClientSampleId :
C0AG2



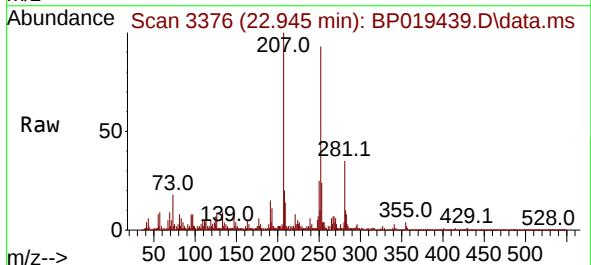
Tgt Ion:252 Resp: 295829
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.2 4.9 7.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#91
Benzo(k)fluoranthene
Concen: 1.950 ng/u1
RT: 22.945 min Scan# 3376
Delta R.T. -0.012 min
Lab File: BP019439.D
Acq: 24 Jan 2024 02:20



Tgt Ion:252 Resp: 100194
Ion Ratio Lower Upper
252 100
253 25.3 17.3 25.9
125 7.5 4.8 7.2#

