

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
 Data File : BP011854.D
 Acq On : 01 Oct 2022 10:44
 Operator : CG/JU
 Sample : N4745-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8F9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
 Supervised By :mohammad ahmed 10/04/2022

Quant Time: Oct 03 00:58:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	278019	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	1251210	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	799494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1723770	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1649713	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	1439181	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	20105	3.189	ng/uL	0.00
4) Pyridine-d5	3.734	84	100634	5.450	ng/u1	0.00
7) Phenol-d5	7.052	99	467504	19.478	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	252485	18.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	372199	19.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	381499	19.228	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	183484	19.253	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	194724	19.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	400962	21.260	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	341852	11.890	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1245171	21.779	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1444475	22.163	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	211646	17.877	ng/u1	0.00
60) Fluorene-d10	15.534	176	1164988	23.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	148291	14.213	ng/u1	0.00
73) Anthracene-d10	17.398	188	1888823	24.055	ng/u1	0.00
81) Pyrene-d10	19.633	212	2270308	27.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.669	264	1787393	24.810	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.081	94	26711	1.073	ng/u1	91
16) Acetophenone	8.722	105	38485	1.272	ng/u1	98
30) Naphthalene	10.752	128	73260	1.090	ng/u1	98
50) Acenaphthylene	14.263	152	79167	1.094	ng/u1	96
52) Acenaphthene	14.604	153	170833	3.345	ng/u1	99
56) Dibenzofuran	14.940	168	109160	1.561	ng/u1	98
61) Fluorene	15.592	166	157879	2.756	ng/u1	99
72) Phenanthrene	17.339	178	2817019	29.737	ng/u1	99
74) Anthracene	17.434	178	684995	7.187	ng/u1	99
77) Carbazole	17.704	167	311342	3.615	ng/u1	99
80) Fluoranthene	19.310	202	5045788	49.349	ng/u1	97
82) Pyrene	19.663	202	4354893	40.907	ng/u1	96
85) Benzo(a)anthracene	21.369	228	2404998	22.293	ng/u1	98
87) Chrysene	21.422	228	2350368	23.215	ng/u1	97
90) Benzo(b)fluoranthene	23.080	252	3060283	33.315	ng/u1	98
91) Benzo(k)fluoranthene	23.122	252	1071176m	12.110	ng/u1	
93) Benzo(a)pyrene	23.716	252	1826124	22.276	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.363	276	1355797	12.994	ng/u1	96
95) Dibenzo(a,h)anthracene	26.368	278	324589	3.502	ng/u1#	78
96) Benzo(g,h,i)perylene	27.151	276	1116089	12.065	ng/u1	99

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

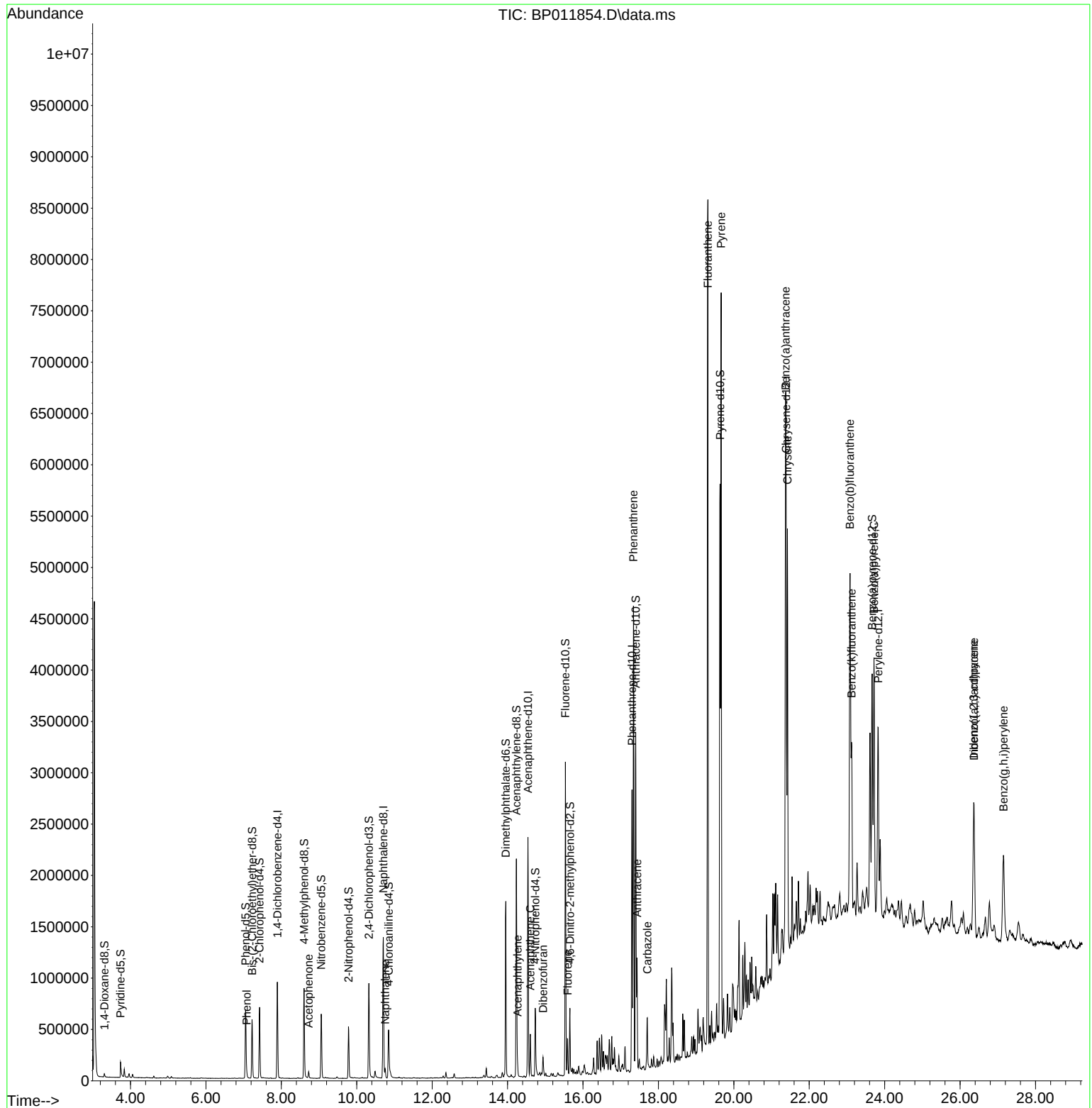
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
 Data File : BP011854.D
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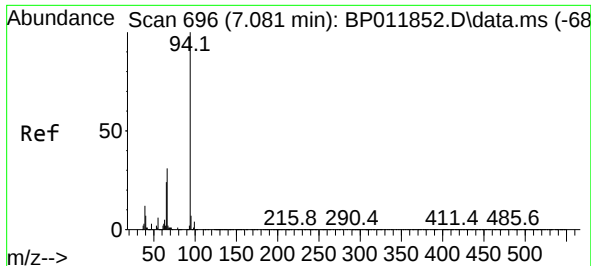
Instrument :
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 Quant Title : SVOA CALIBRATION
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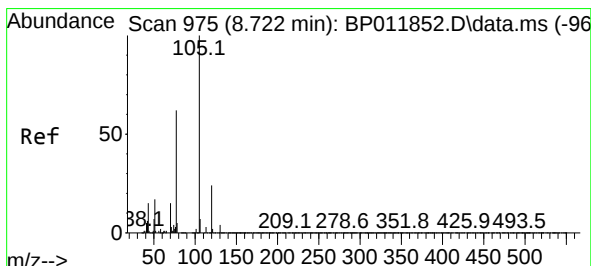
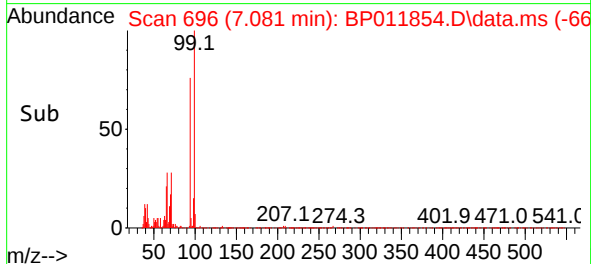
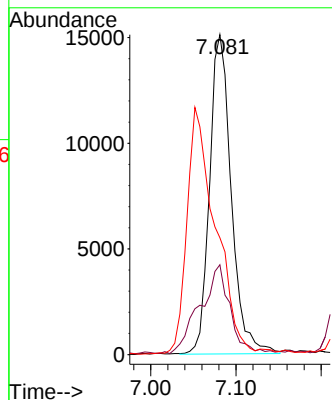
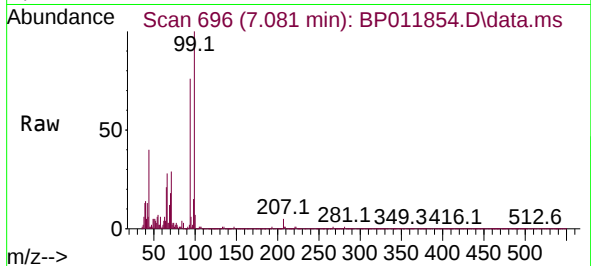
#8
Phenol
Concen: 1.073 ng/ul
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

Instrument :
BNA_P
ClientSampleId :
CB8F9

Tgt Ion: 94 Resp: 26711
Ion Ratio Lower Upper
94 100
65 28.1 19.5 29.3
66 36.5 25.0 37.4

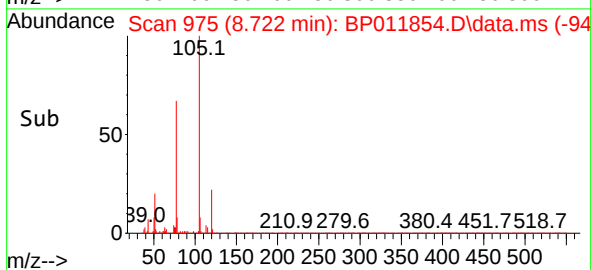
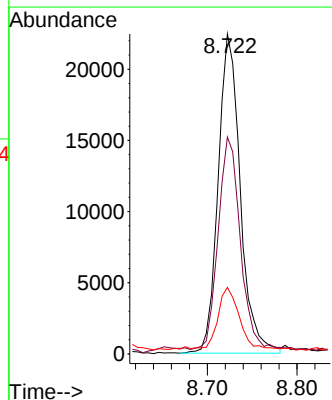
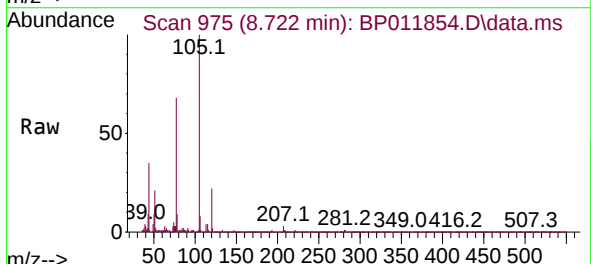
Manual Integrations
APPROVED

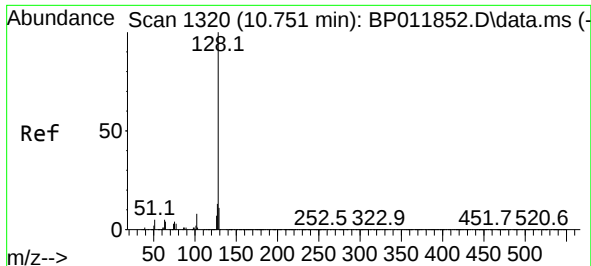
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#16
Acetophenone
Concen: 1.272 ng/ul
RT: 8.722 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

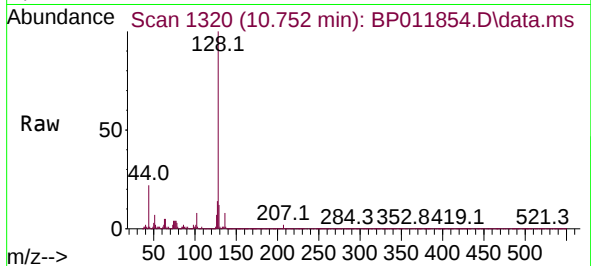
Tgt Ion:105 Resp: 38485
Ion Ratio Lower Upper
105 100
77 67.8 55.4 83.0
51 20.8 15.2 22.8





#30
Naphthalene
Concen: 1.090 ng/ul
RT: 10.752 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

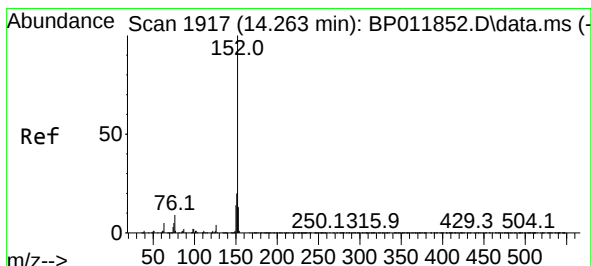
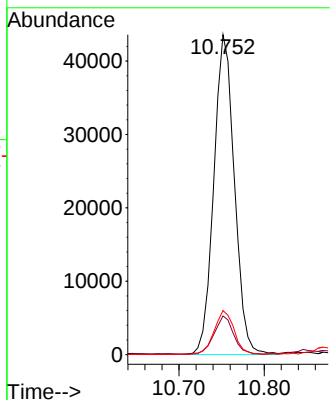
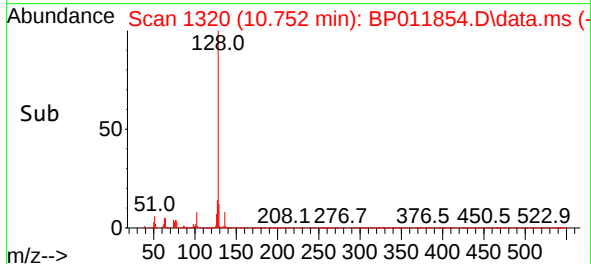
Instrument :
BNA_P
ClientSampleId :
CB8F9



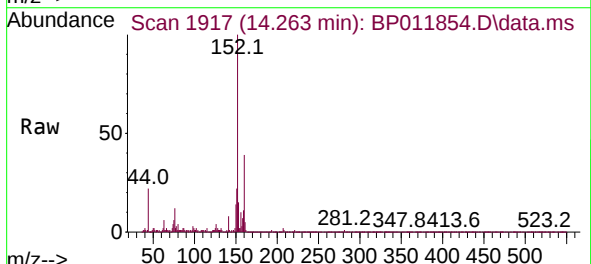
Tgt Ion:128 Resp: 73260
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.8 10.5 15.7

Manual Integrations
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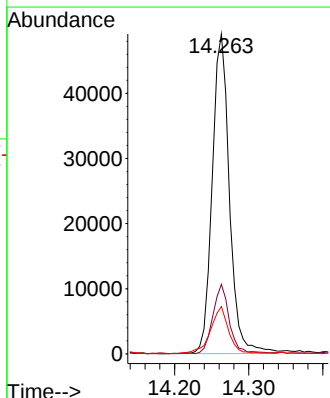
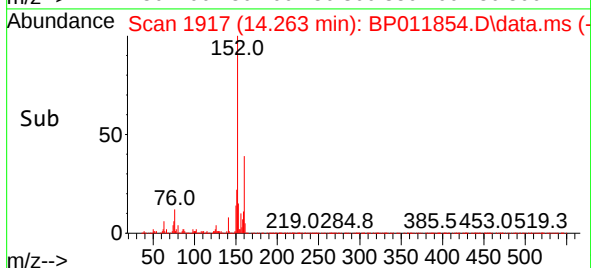
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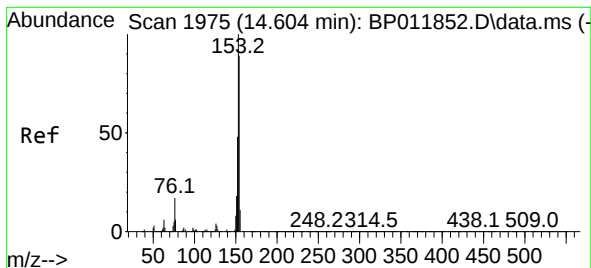


#50
Acenaphthylene
Concen: 1.094 ng/ul
RT: 14.263 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44



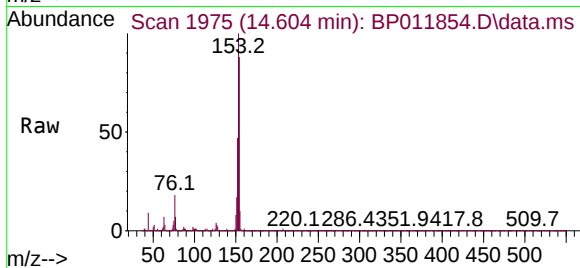
Tgt Ion:152 Resp: 79167
Ion Ratio Lower Upper
152 100
151 21.7 16.0 24.0
153 14.8 10.8 16.2





#52
Acenaphthene
Concen: 3.345 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

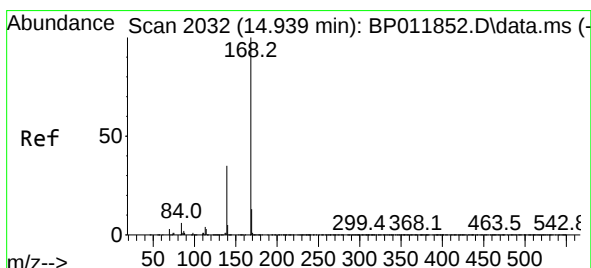
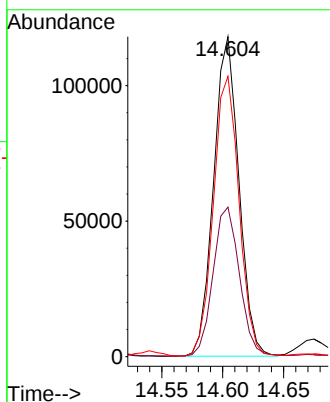
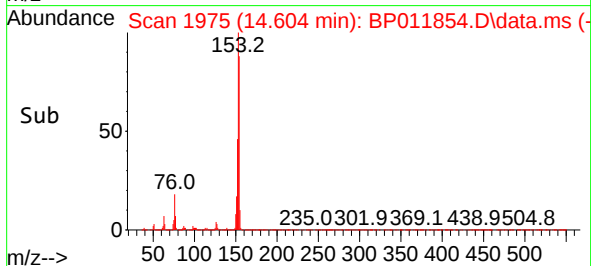
Instrument :
BNA_P
ClientSampleId :
CB8F9



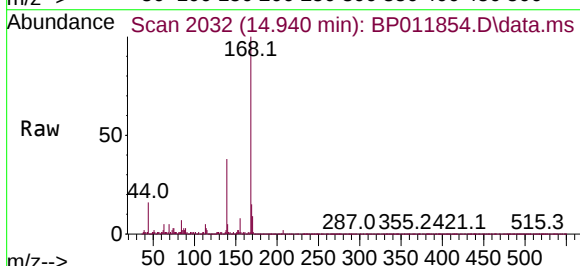
Tgt Ion:153 Resp: 170833
Ion Ratio Lower Upper
153 100
152 46.7 38.4 57.6
154 87.6 70.6 105.8

Manual Integrations
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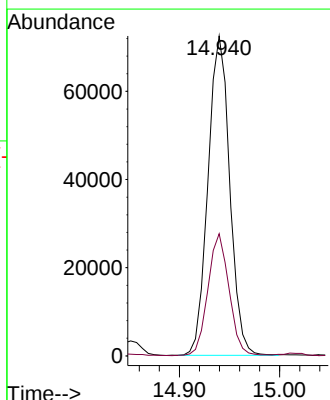
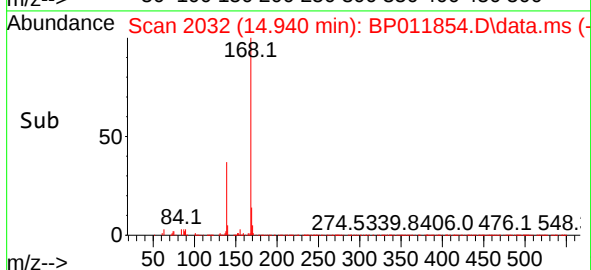
Reviewed By :Jagrut Upadhyay 10/03/2022
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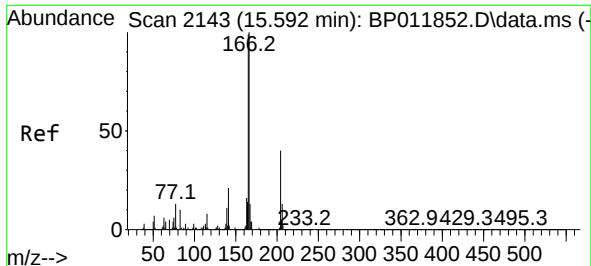


#56
Dibenzofuran
Concen: 1.561 ng/ul
RT: 14.940 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44



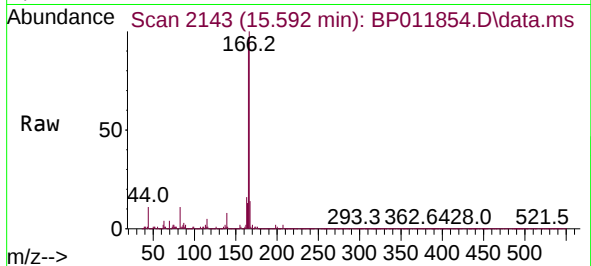
Tgt Ion:168 Resp: 109160
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.2





#61
Fluorene
Concen: 2.756 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

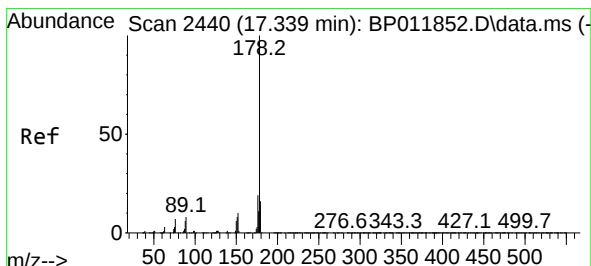
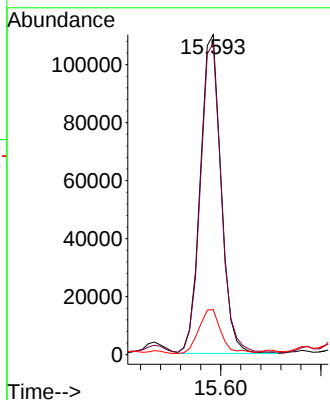
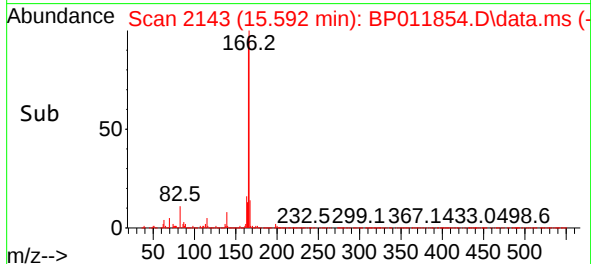
Instrument :
BNA_P
ClientSampleId :
CB8F9



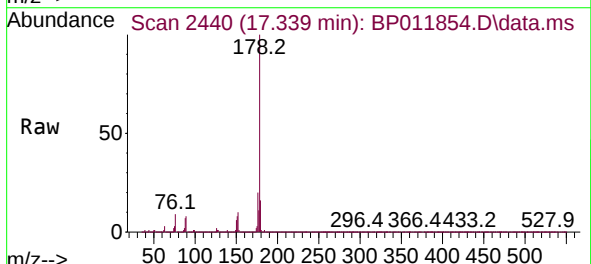
Tgt Ion:166 Resp: 157879
Ion Ratio Lower Upper
166 100
165 97.2 77.2 115.8
167 14.1 10.7 16.1

Manual Integrations
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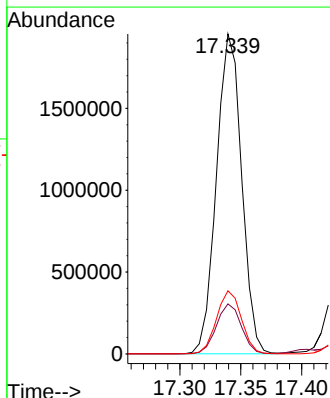
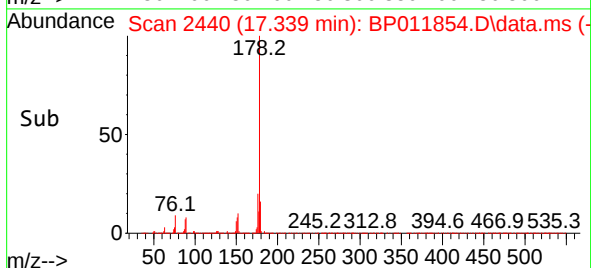
Reviewed By :Jagrut Upadhyay 10/03/2022
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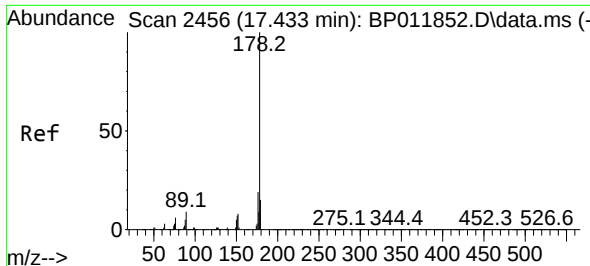


#72
Phenanthrene
Concen: 29.737 ng/ul
RT: 17.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44



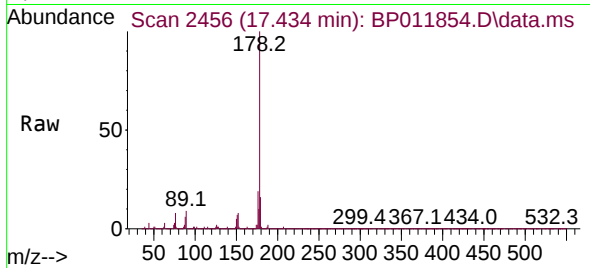
Tgt Ion:178 Resp: 2817019
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.7 15.4 23.2





#74
 Anthracene
 Concen: 7.187 ng/ul
 RT: 17.434 min Scan# 2456
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44

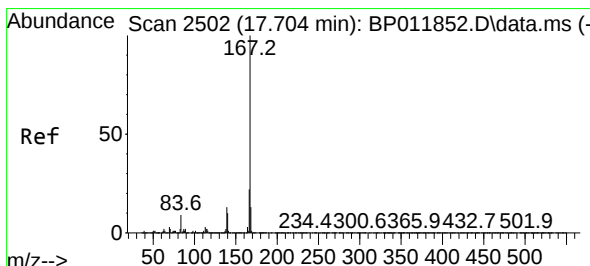
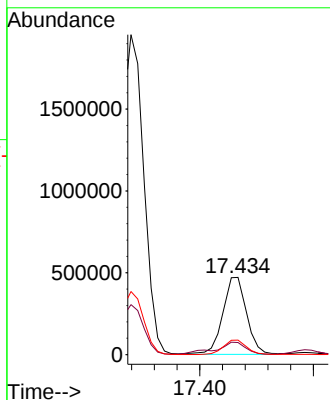
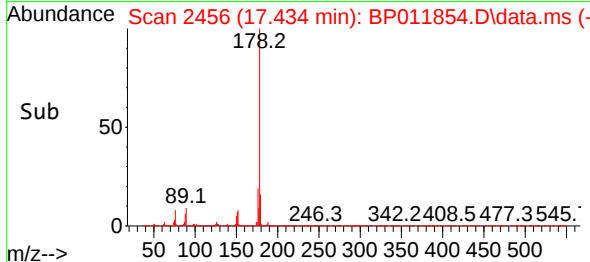
Instrument :
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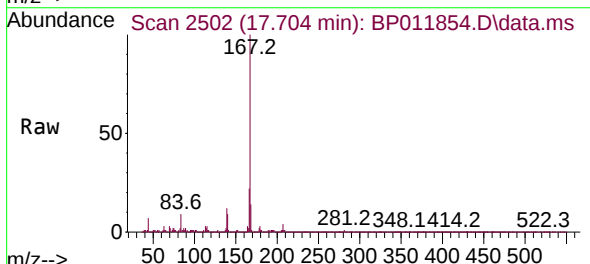
Tgt Ion:178 Resp: 684995
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.7 15.4 23.2

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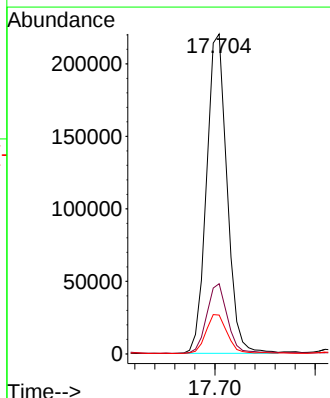
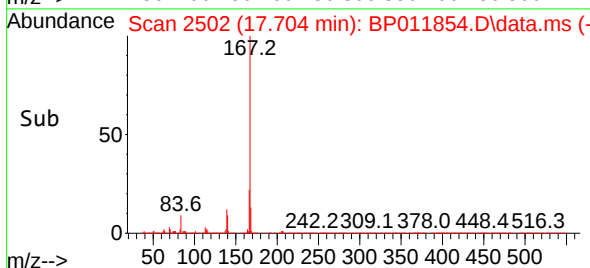
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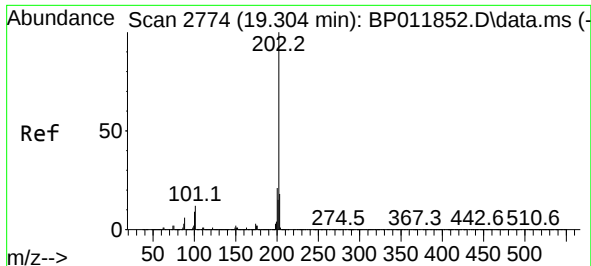


#77
 Carbazole
 Concen: 3.615 ng/ul
 RT: 17.704 min Scan# 2502
 Delta R.T. 0.000 min
 Lab File: BP011854.D
 Acq: 01 Oct 2022 10:44



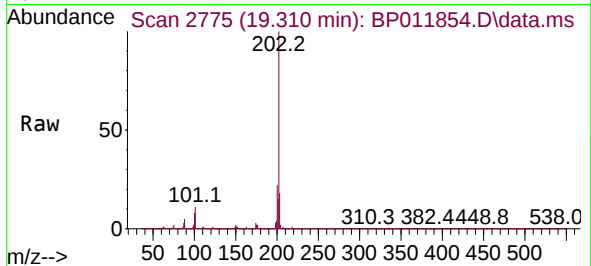
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 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.1 10.1 15.1





#80
Fluoranthene
Concen: 49.349 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

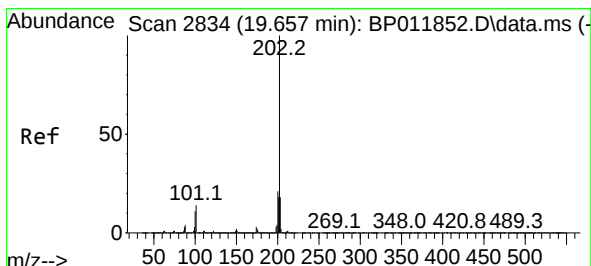
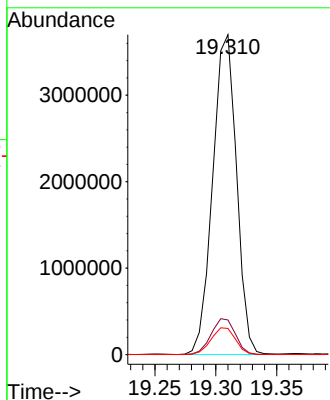
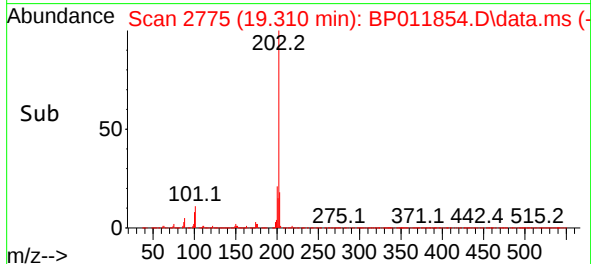
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 5045788
Ion Ratio Lower Upper
202 100
101 10.8 9.8 14.6
100 8.2 7.4 11.0

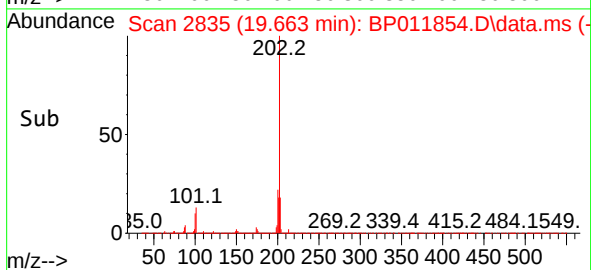
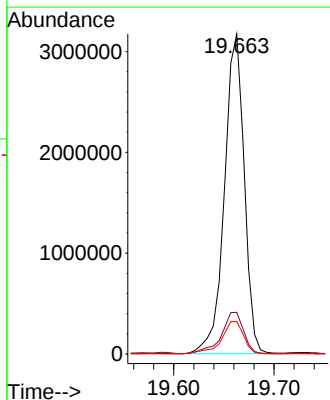
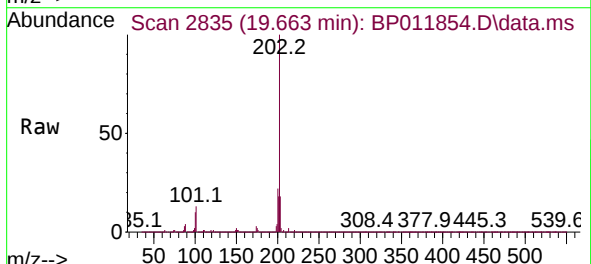
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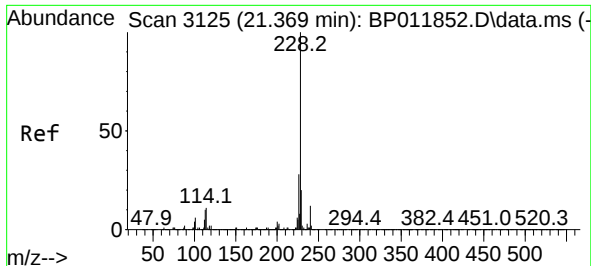
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#82
Pyrene
Concen: 40.907 ng/ul
RT: 19.663 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

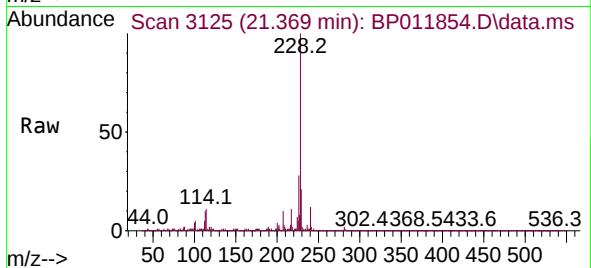
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Ion Ratio Lower Upper
202 100
101 13.0 11.6 17.4
100 10.1 9.4 14.0





#85
Benzo(a)anthracene
Concen: 22.293 ng/ul
RT: 21.369 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

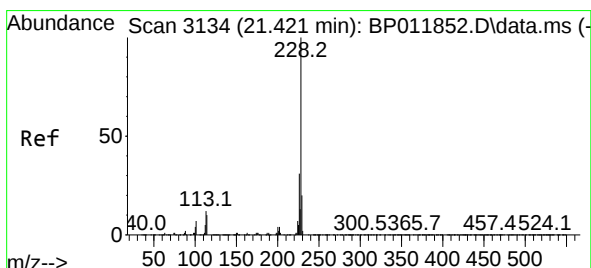
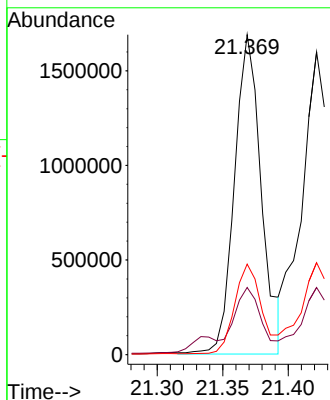
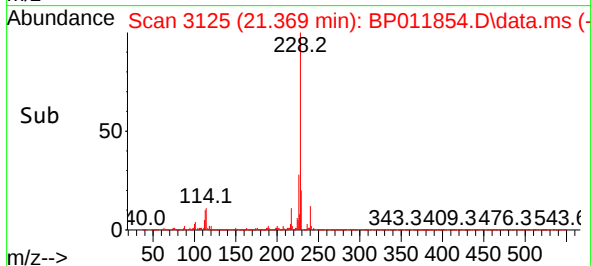
Instrument :
BNA_P
ClientSampleId :
CB8F9



Tgt Ion:228 Resp: 2404998
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.3 22.0 33.0

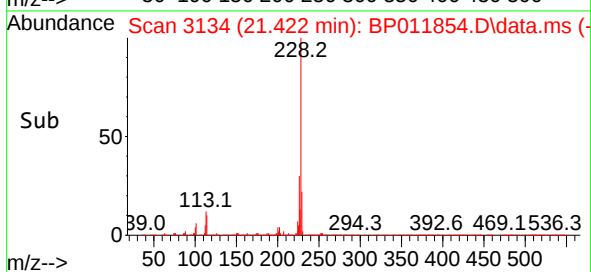
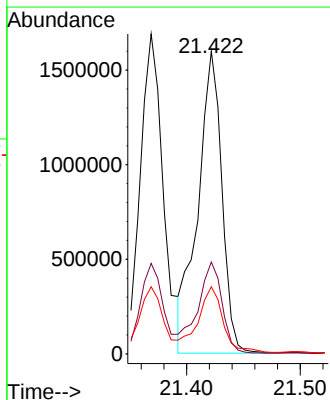
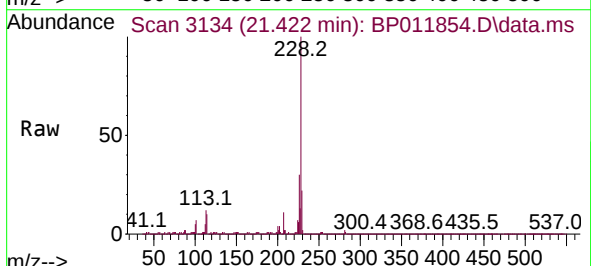
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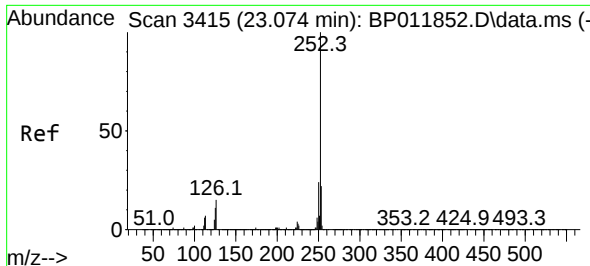
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#87
Chrysene
Concen: 23.215 ng/ul
RT: 21.422 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

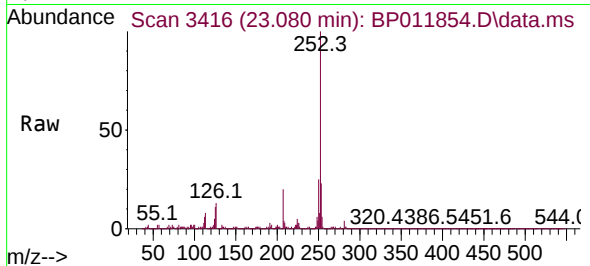
Tgt Ion:228 Resp: 2350368
Ion Ratio Lower Upper
228 100
226 30.4 25.3 37.9
229 22.2 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 33.315 ng/ul
RT: 23.080 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

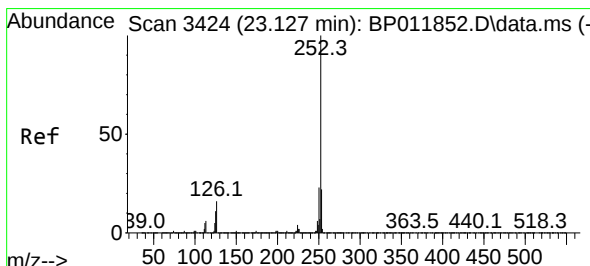
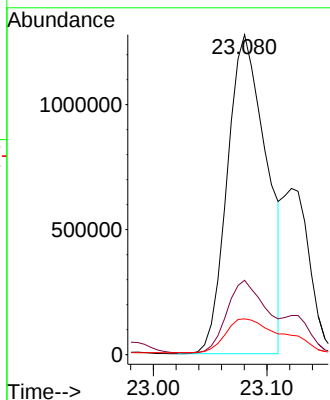
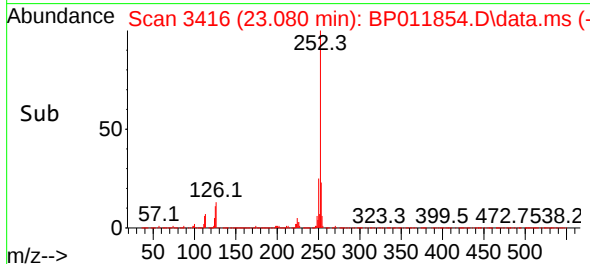
Instrument :
BNA_P
ClientSampleId :
CB8F9



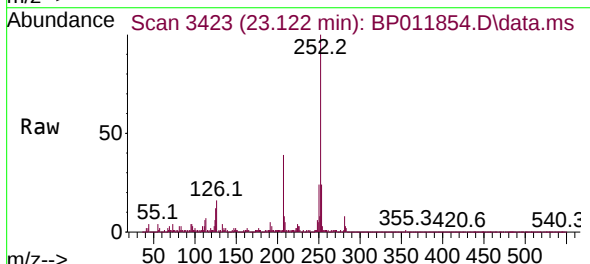
Tgt Ion:252 Resp: 3060283
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.2 9.2 13.8

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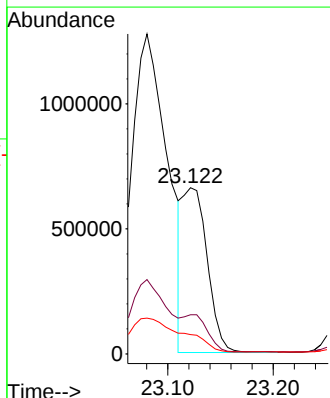
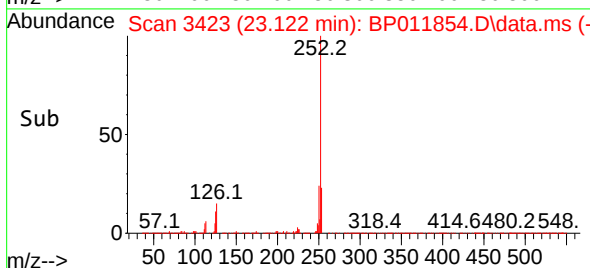
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022

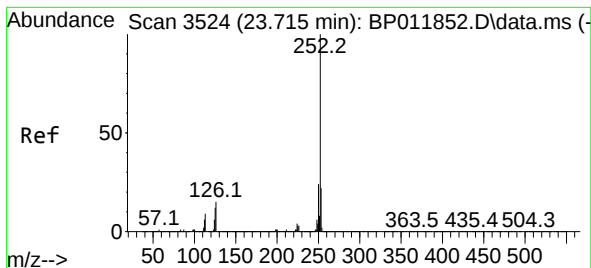


#91
Benzo(k)fluoranthene
Concen: 12.110 ng/ul m
RT: 23.122 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44



Tgt Ion:252 Resp: 1071176
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 11.7 9.2 13.8





#93

Benzo(a)pyrene

Concen: 22.276 ng/ul

RT: 23.716 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP011854.D

Acq: 01 Oct 2022 10:44

Instrument :

BNA_P

ClientSampleId :

CB8F9

Tgt Ion:252 Resp: 1826124

Ion Ratio Lower Upper

252 100

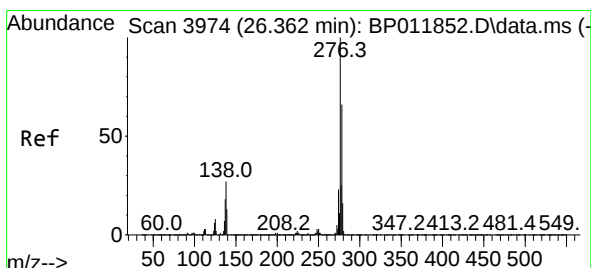
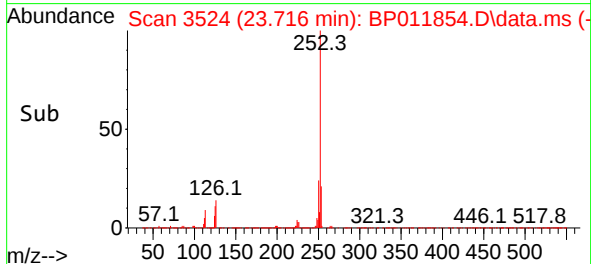
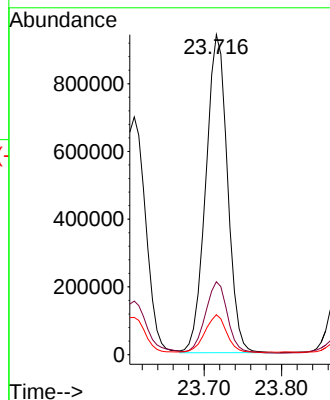
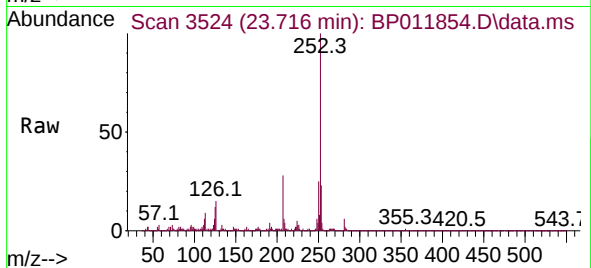
253 22.8 17.7 26.5

125 12.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.994 ng/ul

RT: 26.363 min Scan# 3974

Delta R.T. 0.000 min

Lab File: BP011854.D

Acq: 01 Oct 2022 10:44

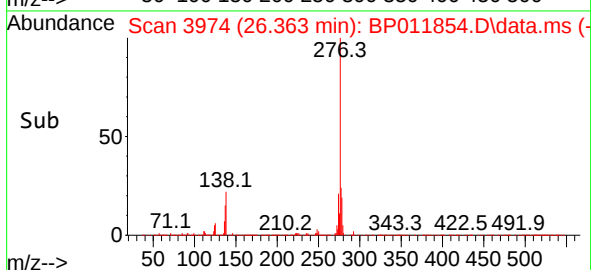
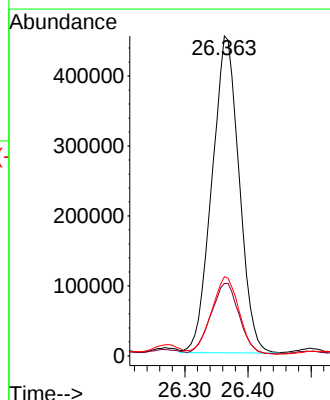
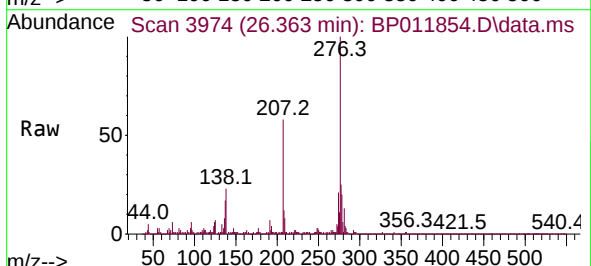
Tgt Ion:276 Resp: 1355797

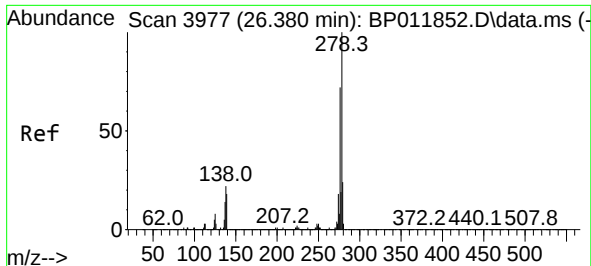
Ion Ratio Lower Upper

276 100

138 22.7 21.4 32.0

277 24.7 19.9 29.9





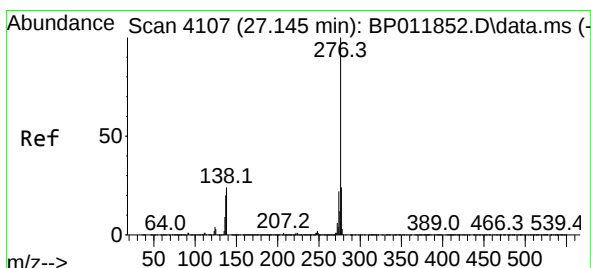
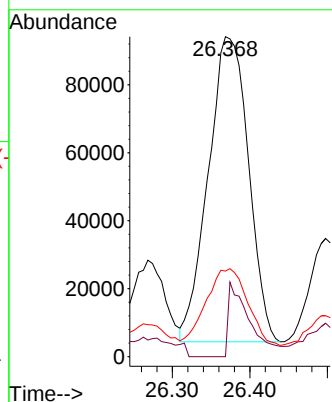
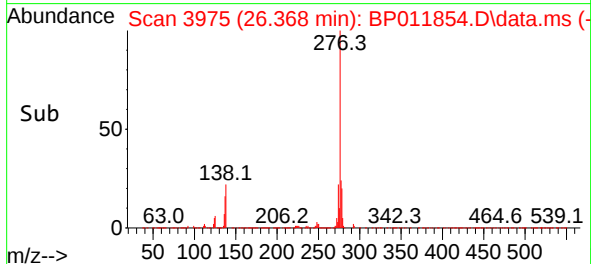
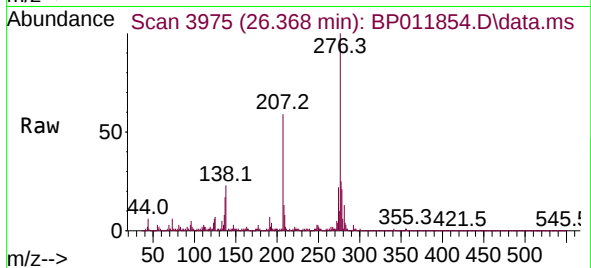
#95
Dibenzo(a,h)anthracene
Concen: 3.502 ng/ul
RT: 26.368 min Scan# 3975
Delta R.T. -0.012 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

Instrument :
BNA_P
ClientSampleId :
CB8F9

Tgt Ion:278 Resp: 324589
Ion Ratio Lower Upper
278 100
139 0.0 15.0 22.6
279 26.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#96
Benzo(g,h,i)perylene
Concen: 12.065 ng/ul
RT: 27.151 min Scan# 4108
Delta R.T. 0.006 min
Lab File: BP011854.D
Acq: 01 Oct 2022 10:44

Tgt Ion:276 Resp: 1116089
Ion Ratio Lower Upper
276 100
138 24.2 19.8 29.6
277 24.1 18.6 27.8

