

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012073.D
 Acq On : 12 Oct 2022 10:33
 Operator : CG/JU
 Sample : N5024-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BF1

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Oct 12 23:06:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	239565	20.000	ng/u1	0.00
20) Naphthalene-d8	10.658	136	1001861	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	611610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1349664	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1394581	20.000	ng/u1	0.00
88) Perylene-d12	23.769	264	1456167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	29369	4.833	ng/uL	0.00
4) Pyridine-d5	3.705	84	198761	12.300	ng/u1	0.00
7) Phenol-d5	7.017	99	628835	32.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	338250	30.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	503132	32.898	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	454461	30.709	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	242489	34.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	263686	36.753	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	510953	36.747	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	300919	14.686	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1490843	38.489	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	1845120	38.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	283752	37.314	ng/u1	0.00
60) Fluorene-d10	15.498	176	1489206	42.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	210188	29.493	ng/u1	0.00
73) Anthracene-d10	17.357	188	2433487	41.522	ng/u1	0.00
81) Pyrene-d10	19.598	212	2976817	41.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	3006630	42.474	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.687	105	30888	1.354	ng/u1	95
30) Naphthalene	10.710	128	97143	1.835	ng/u1	100
36) 2-Methylnaphthalene	12.322	142	60541	1.776	ng/u1	99
37) 1-Methylnaphthalene	12.540	142	51402	1.506	ng/u1	100
50) Acenaphthylene	14.222	152	139524	2.574	ng/u1	98
56) Dibenzofuran	14.898	168	63490	1.218	ng/u1	98
72) Phenanthrene	17.298	178	1082342	14.746	ng/u1	99
74) Anthracene	17.392	178	162311	2.235	ng/u1	99
77) Carbazole	17.669	167	110971	1.713	ng/u1	99
80) Fluoranthene	19.269	202	1897332	21.673	ng/u1	98
82) Pyrene	19.622	202	1594336	17.209	ng/u1	96
85) Benzo(a)anthracene	21.333	228	613617	6.990	ng/u1	97
87) Chrysene	21.386	228	742260	8.785	ng/u1	98
90) Benzo(b)fluoranthene	23.027	252	1133146	12.294	ng/u1#	97
91) Benzo(k)fluoranthene	23.069	252	341043m	3.762	ng/u1	
93) Benzo(a)pyrene	23.663	252	711218	8.649	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	605244	5.821	ng/u1	99
95) Dibenzo(a,h)anthracene	26.286	278	129259	1.386	ng/u1#	80
96) Benzo(g,h,i)perylene	27.057	276	560355	5.977	ng/u1#	91

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

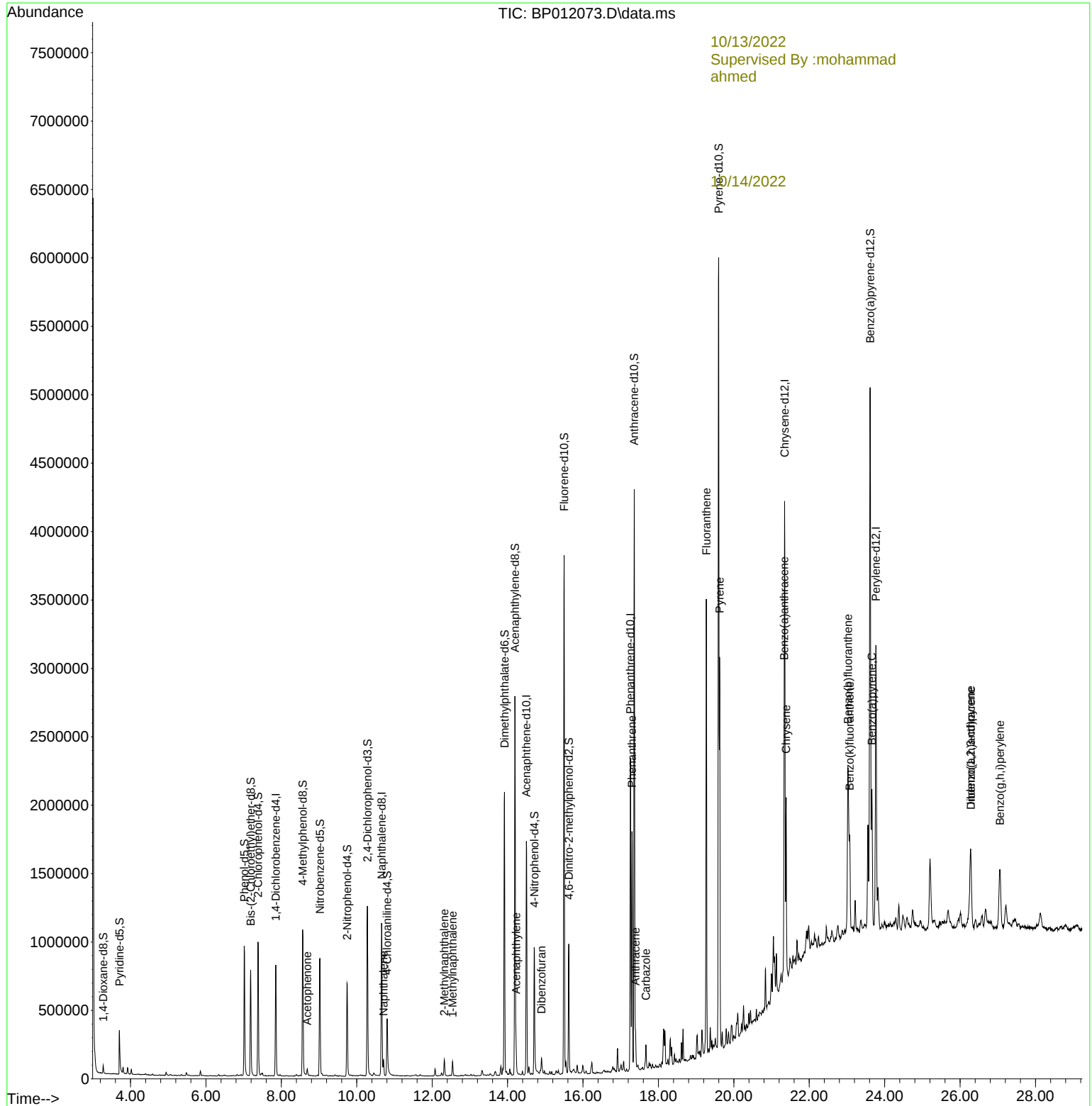
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012073.D
 Acq On : 12 Oct 2022 10:33
 Operator : CG/JU
 Sample : N5024-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

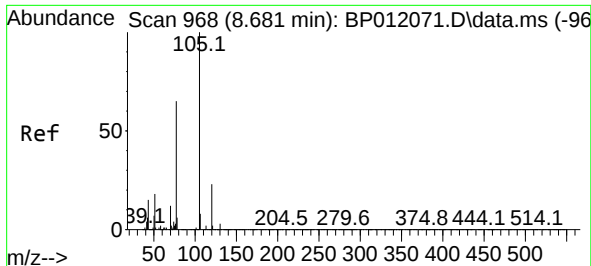
Instrument :
 BNA_P
 ClientSampleId :
 C0BF1

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

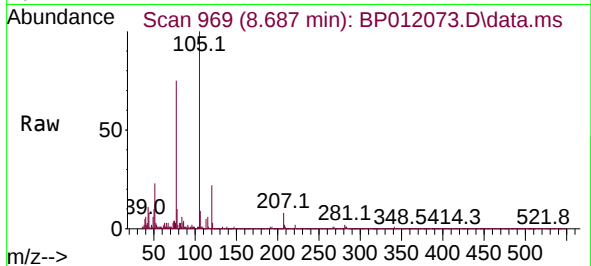
Quant Time: Oct 12 23:06:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration





#16
Acetophenone
Concen: 1.354 ng/ul
RT: 8.687 min Scan# 968
Delta R.T. 0.006 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

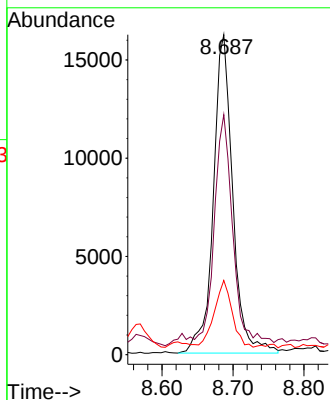
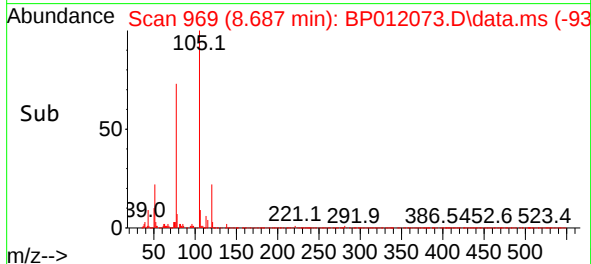
Instrument :
BNA_P
ClientSampleId :
C0BF1



Tgt Ion:105 Resp: 3088
Ion Ratio Lower Upper
105 100
77 75.0 57.0 85.4
51 23.2 16.4 24.6

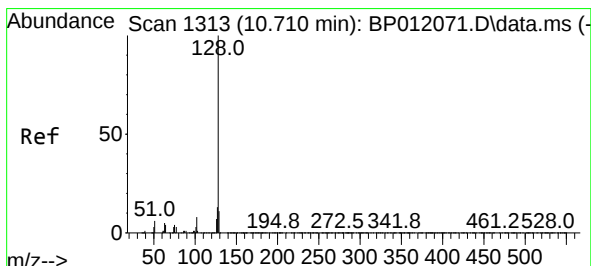
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



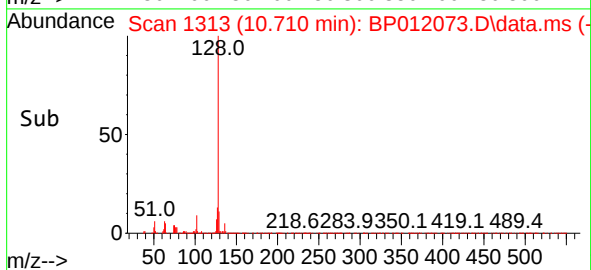
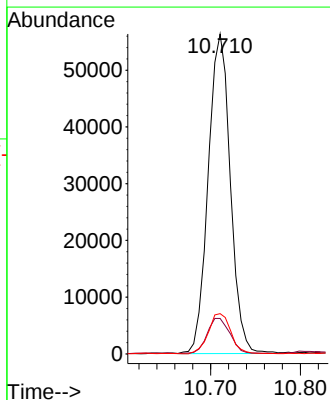
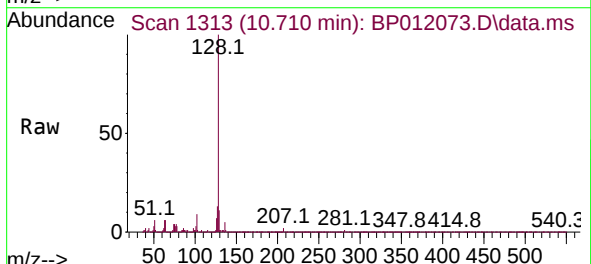
10/13/2022
Supervised By :mohammad
ahmed

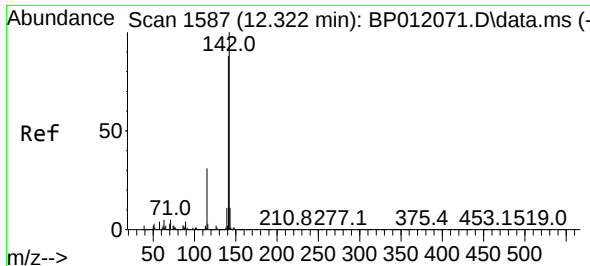
10/14/2022



#30
Naphthalene
Concen: 1.835 ng/ul
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

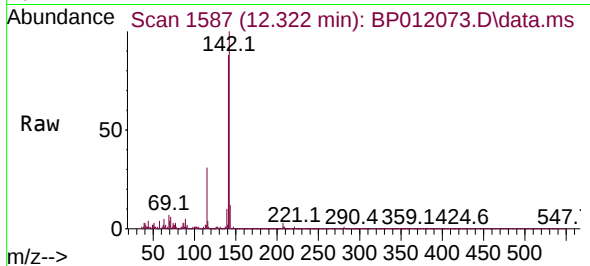
Tgt Ion:128 Resp: 97143
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.6 10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.776 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

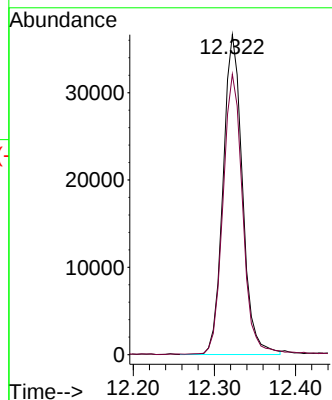
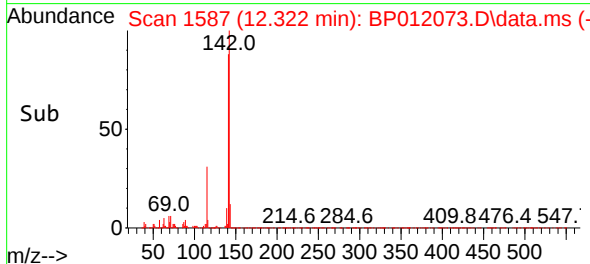
Instrument :
BNA_P
ClientSampleId :
C0BF1



Tgt Ion:142 Resp: 6054
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1

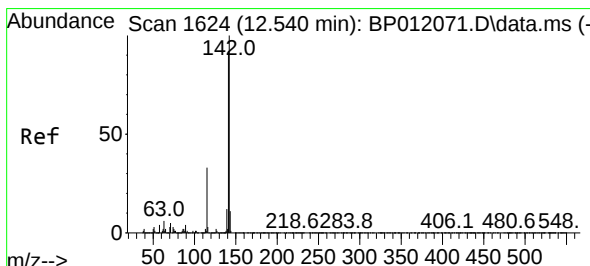
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

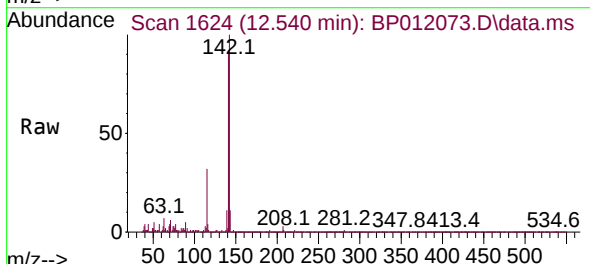


10/13/2022
Supervised By :mohammad
ahmed

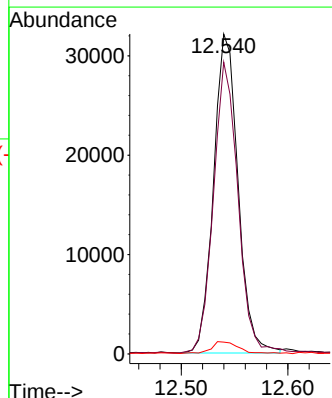
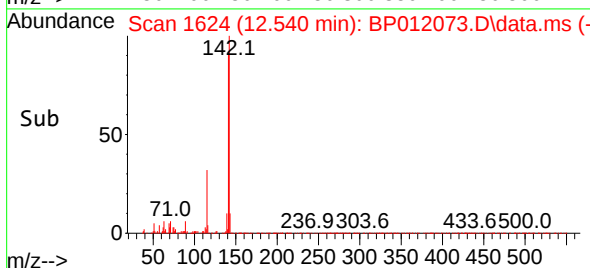
10/14/2022

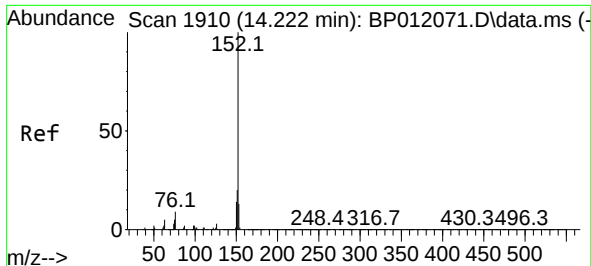


#37
1-Methylnaphthalene
Concen: 1.506 ng/ul
RT: 12.540 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33



Tgt Ion:142 Resp: 51402
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.7 2.8 4.2





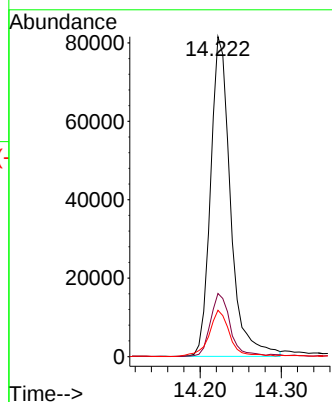
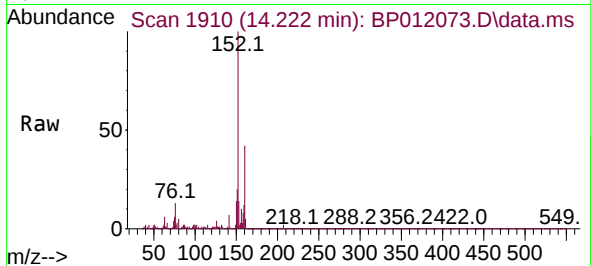
#50
Acenaphthylene
Concen: 2.574 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

Instrument :
BNA_P
ClientSampleId :
C0BF1

Tgt Ion:152 Resp: 139524
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 14.5 10.4 15.6

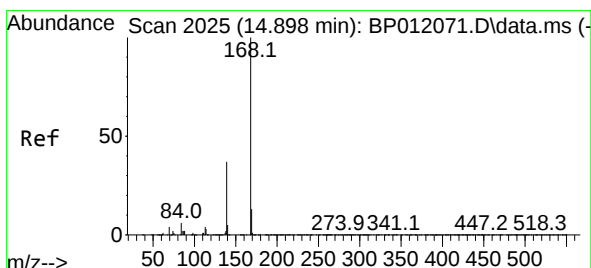
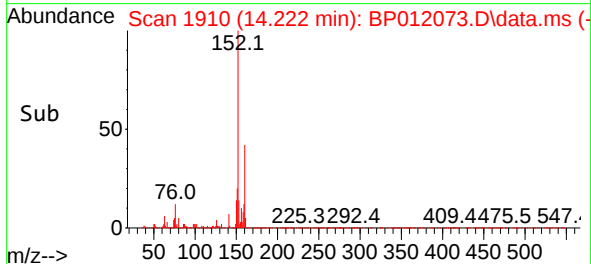
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



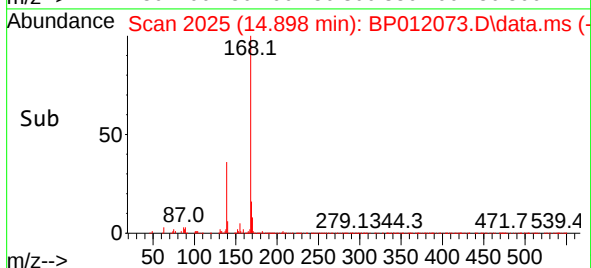
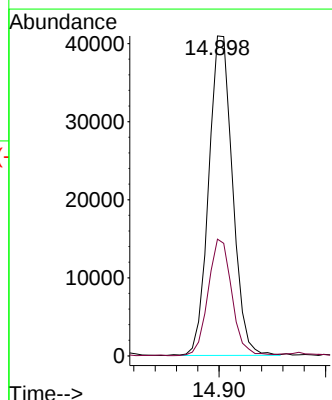
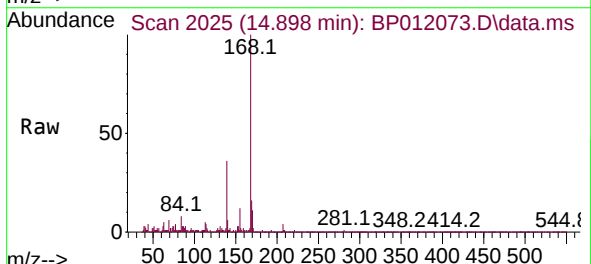
10/13/2022
Supervised By :mohammad
ahmed

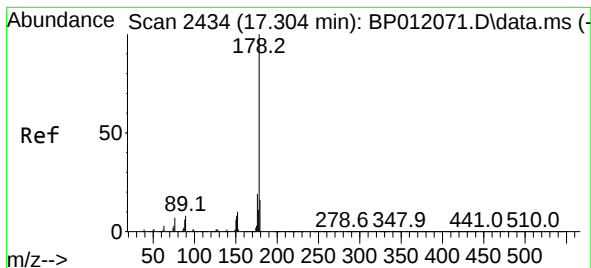
10/14/2022



#56
Dibenzofuran
Concen: 1.218 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

Tgt Ion:168 Resp: 63490
Ion Ratio Lower Upper
168 100
139 36.5 28.2 42.4





#72

Phenanthrene

Concen: 14.746 ng/ul

RT: 17.298 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

Instrument :

BNP_P

ClientSampleId :

C0BF1

Tgt Ion:178 Resp: 108234

Ion Ratio Lower Upper

178 100

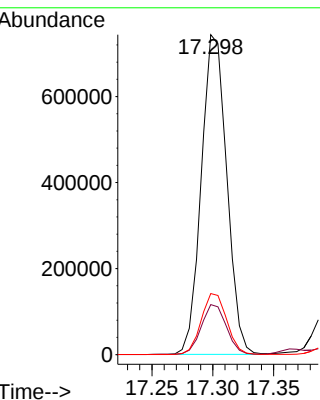
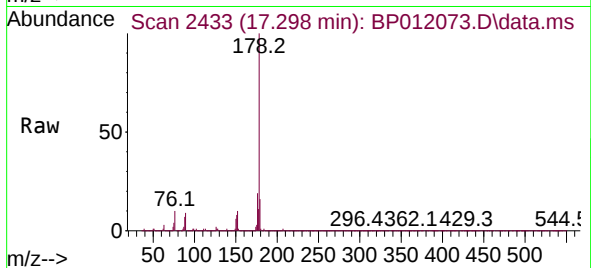
179 15.6 12.2 18.4

176 19.1 15.8 23.6

Manual Integrations

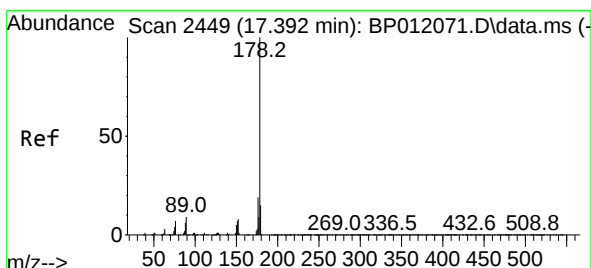
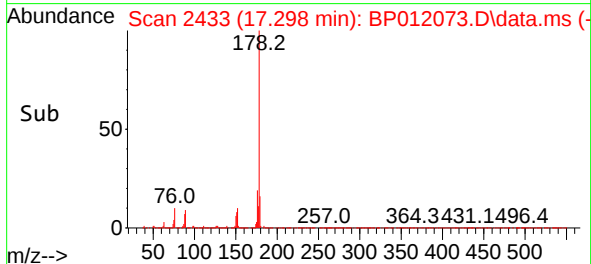
APPROVED

Reviewed By :Jagrut
Upadhyay



10/13/2022
Supervised By :mohammad
ahmed

10/14/2022



#74

Anthracene

Concen: 2.235 ng/ul

RT: 17.392 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

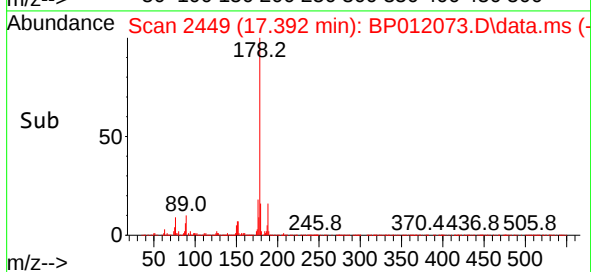
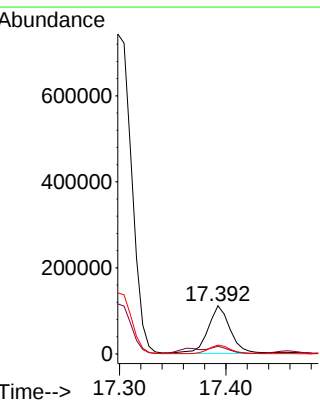
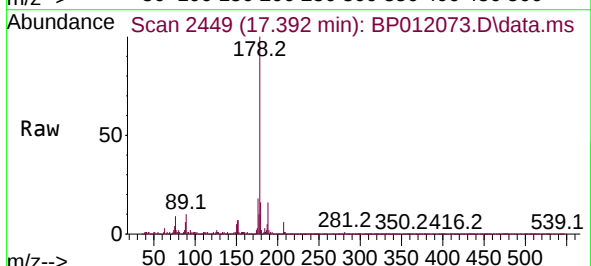
Tgt Ion:178 Resp: 162311

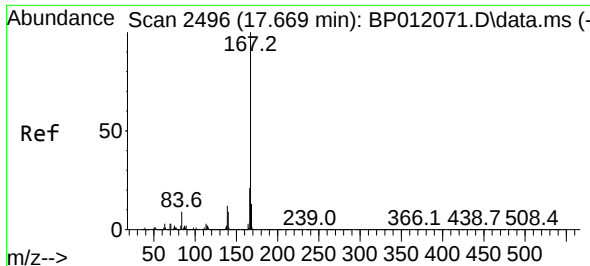
Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

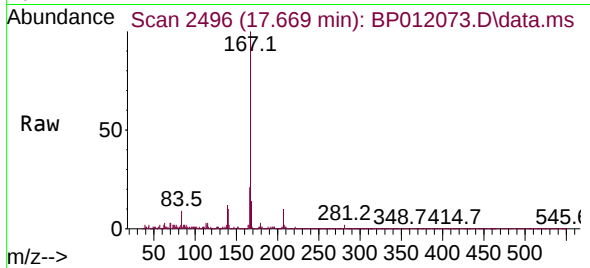
176 18.3 14.8 22.2





#77
 Carbazole
 Concen: 1.713 ng/ul
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP012073.D
 Acq: 12 Oct 2022 10:33

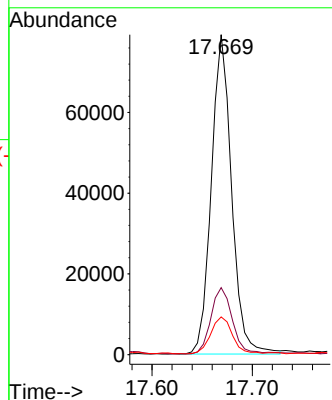
Instrument :
 BNA_P
 ClientSampleId :
 C0BF1



Tgt Ion:167 Resp: 110973
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 11.8 10.1 15.1

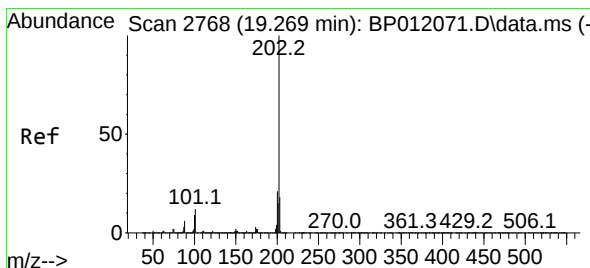
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay



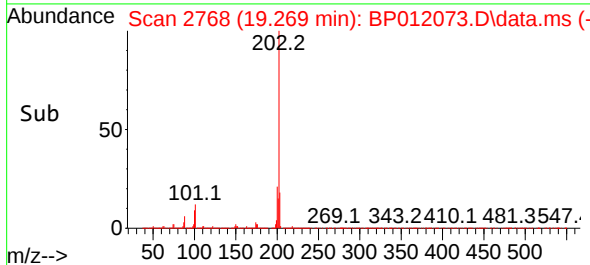
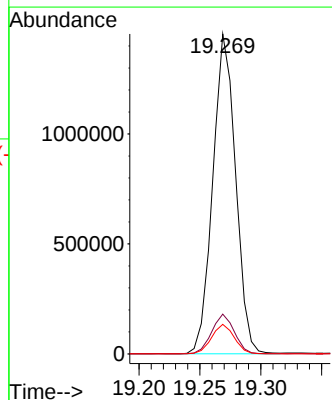
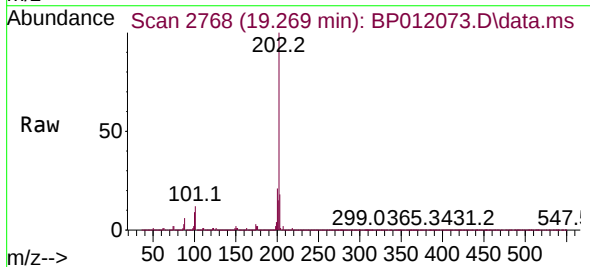
10/13/2022
 Supervised By :mohammad
 ahmed

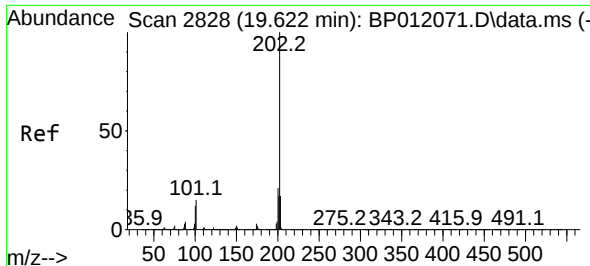
10/14/2022



#80
 Fluoranthene
 Concen: 21.673 ng/ul
 RT: 19.269 min Scan# 2768
 Delta R.T. 0.000 min
 Lab File: BP012073.D
 Acq: 12 Oct 2022 10:33

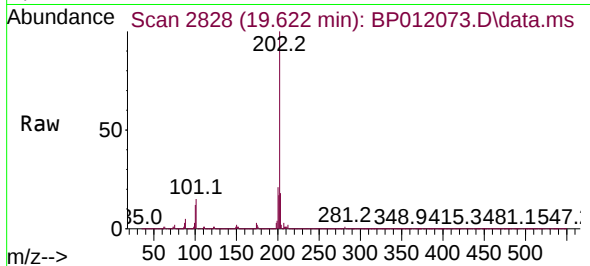
Tgt Ion:202 Resp: 1897332
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.0 13.6
 100 9.2 7.0 10.6





#82
Pyrene
Concen: 17.209 ng/ul
RT: 19.622 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

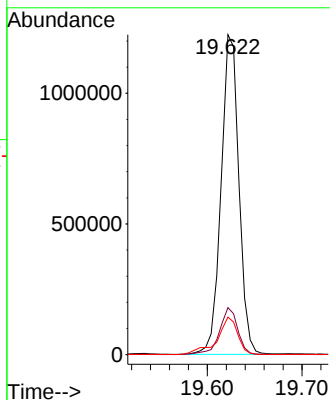
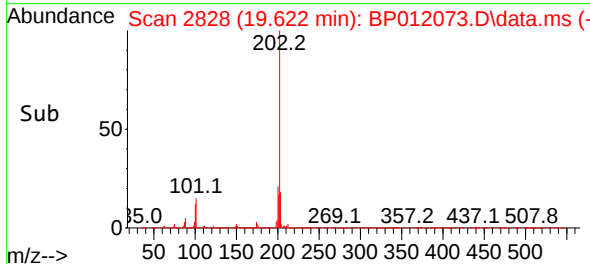
Instrument :
BNA_P
ClientSampleId :
C0BF1



Tgt Ion:202 Resp: 1594336
Ion Ratio Lower Upper
202 100
101 14.7 10.4 15.6
100 11.7 8.5 12.7

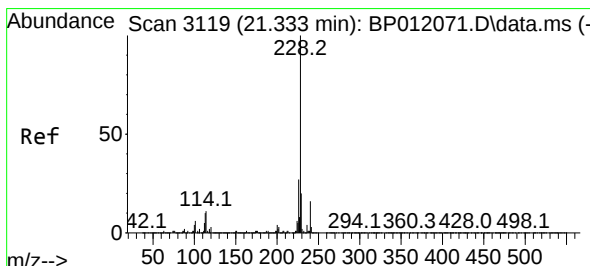
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



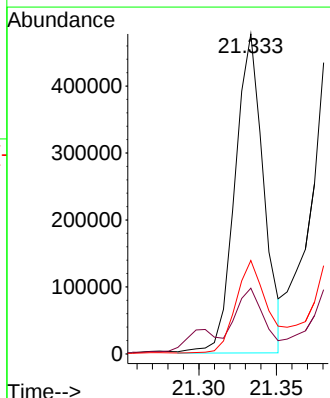
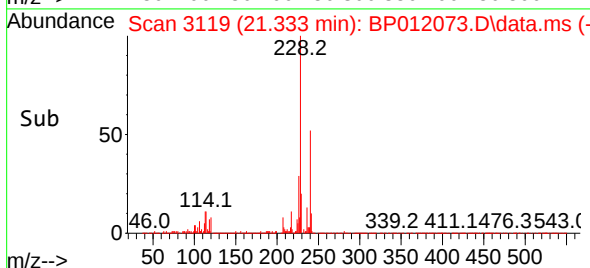
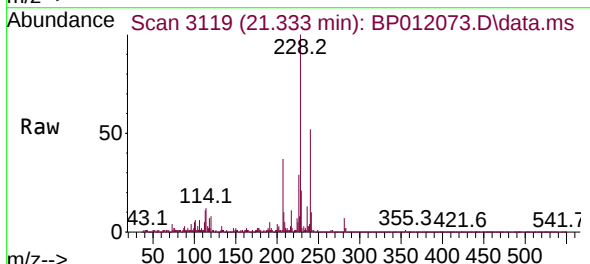
10/13/2022
Supervised By :mohammad
ahmed

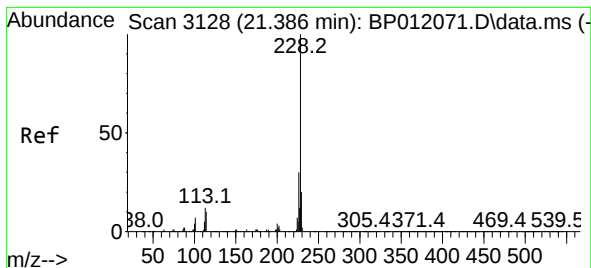
10/14/2022



#85
Benzo(a)anthracene
Concen: 6.990 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

Tgt Ion:228 Resp: 613617
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 29.2 21.9 32.9





#87

Chrysene

Concen: 8.785 ng/ul

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

Instrument :

BNA_P

ClientSampleId :

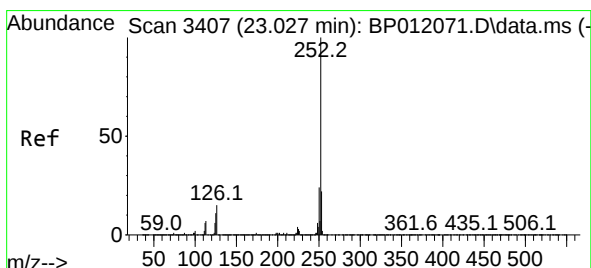
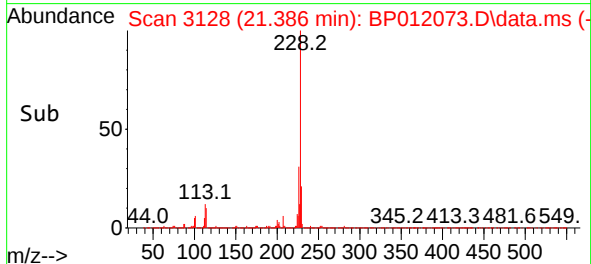
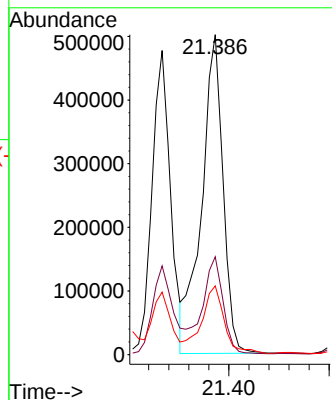
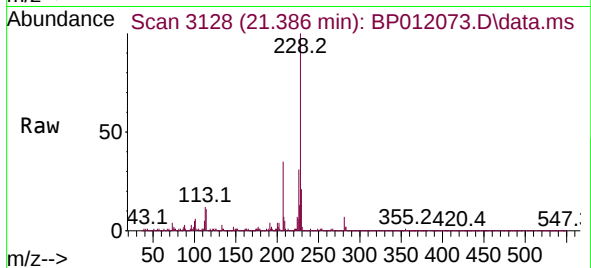
C0BF1

Tgt Ion:228 Resp: 742260
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.0 36.0
 229 21.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022



#90

Benzo(b)fluoranthene

Concen: 12.294 ng/ul

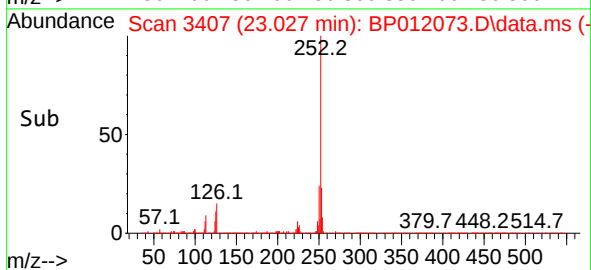
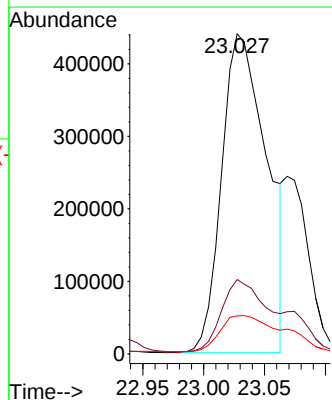
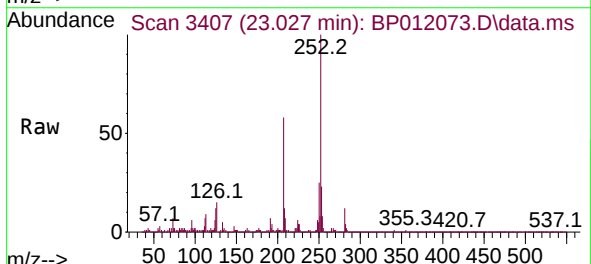
RT: 23.027 min Scan# 3407

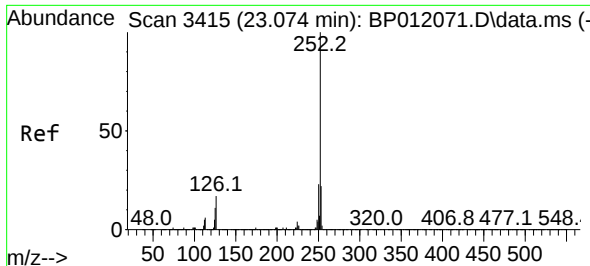
Delta R.T. 0.000 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

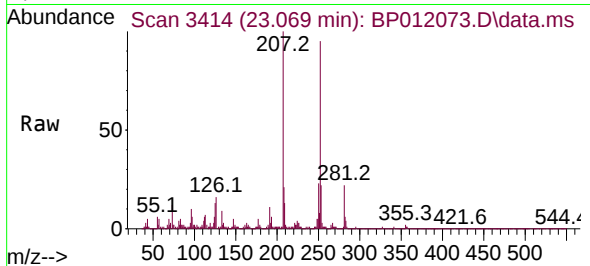
Tgt Ion:252 Resp: 1133146
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.6 26.4
 125 11.9 7.8 11.8#





#91
Benzo(k)fluoranthene
Concen: 3.762 ng/ul m
RT: 23.069 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

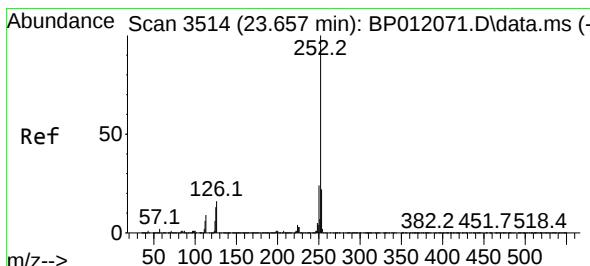
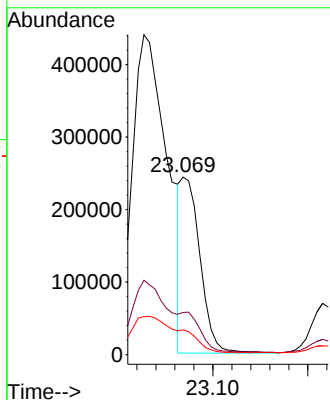
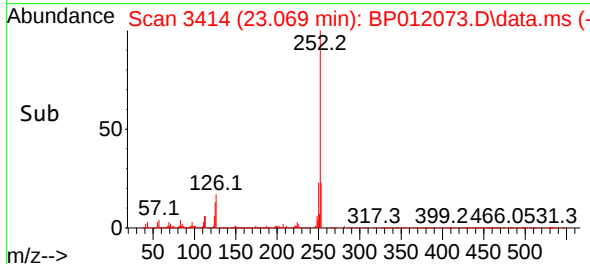
Instrument :
BNA_P
ClientSampleId :
C0BF1



Tgt Ion:252 Resp: 341043
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 13.9 8.2 12.2

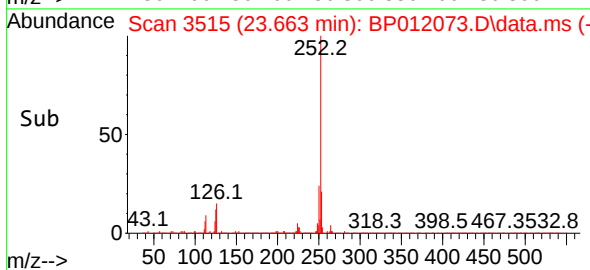
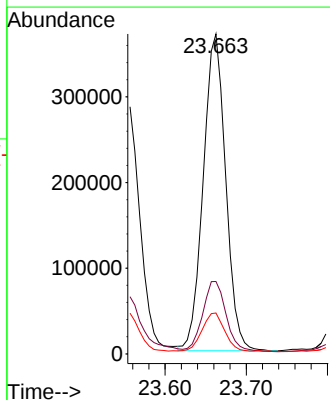
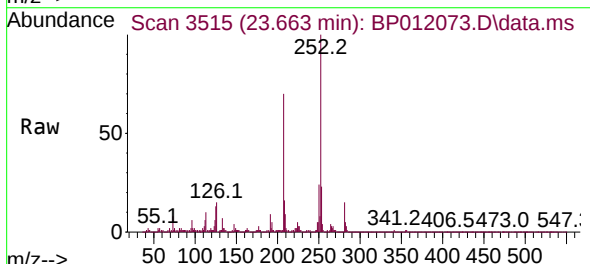
Manual Integrations
APPROVED

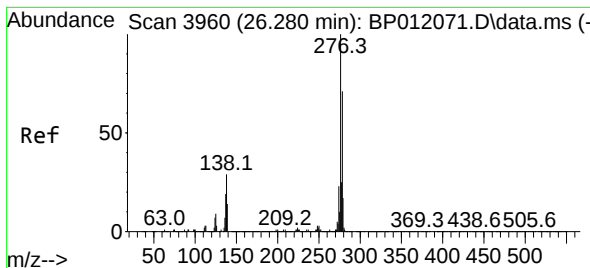
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#93
Benzo(a)pyrene
Concen: 8.649 ng/ul
RT: 23.663 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP012073.D
Acq: 12 Oct 2022 10:33

Tgt Ion:252 Resp: 711218
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.8 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.821 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. 0.000 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

Instrument :

BNA_P

ClientSampleId :

C0BF1

Tgt Ion:276 Resp: 605244

Ion Ratio Lower Upper

276 100

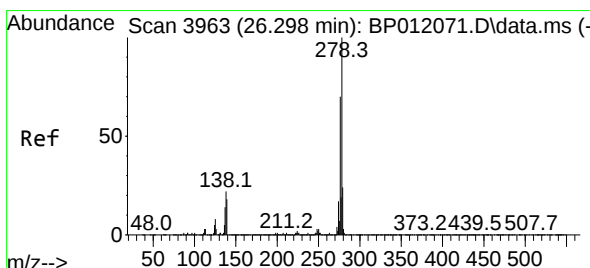
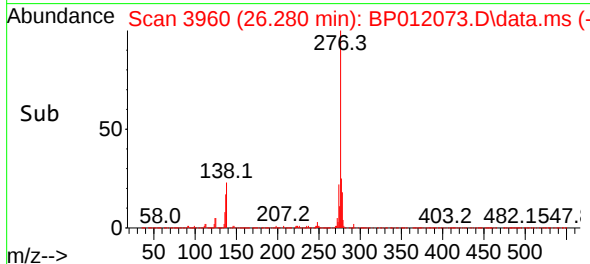
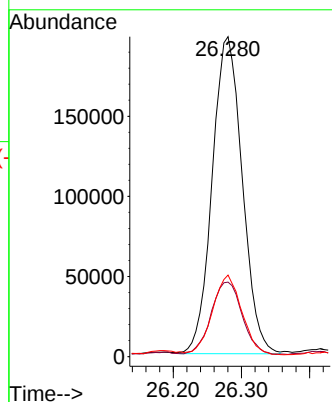
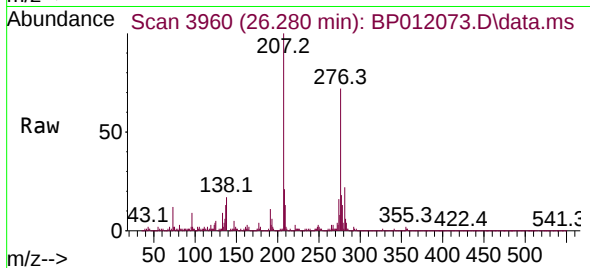
138 23.3 19.1 28.7

277 25.5 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.386 ng/ul

RT: 26.286 min Scan# 3961

Delta R.T. -0.012 min

Lab File: BP012073.D

Acq: 12 Oct 2022 10:33

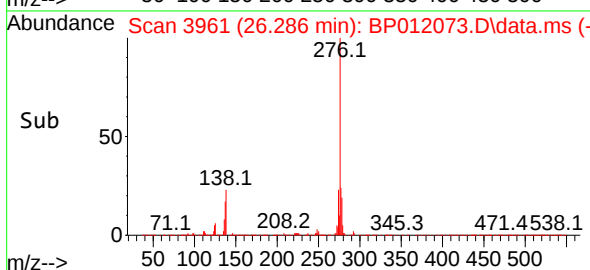
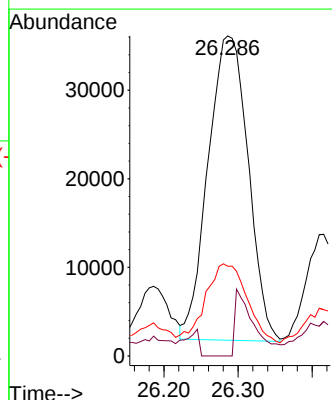
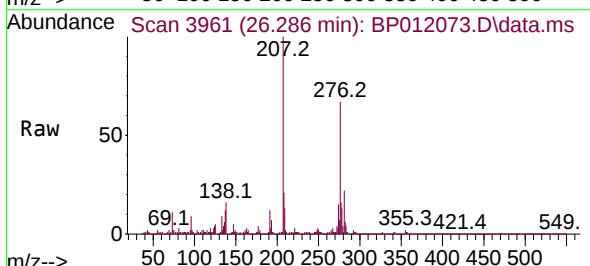
Tgt Ion:278 Resp: 129259

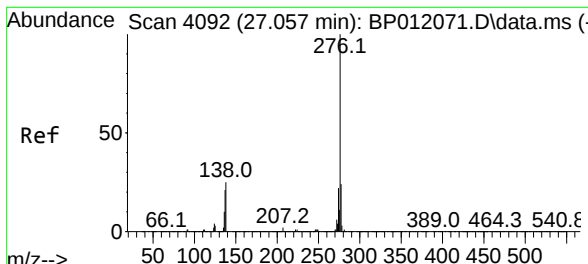
Ion Ratio Lower Upper

278 100

139 0.0 12.5 18.7#

279 28.0 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 5.977 ng/ul
 RT: 27.057 min Scan# 4092
 Delta R.T. 0.000 min
 Lab File: BP012073.D
 Acq: 12 Oct 2022 10:33

Instrument : BNA_P
 ClientSampleId : C0BF1

Tgt Ion:	276	Resp:	56035
Ion Ratio	Lower	Upper	
276	100		
138	27.3	16.5	24.7
277	25.5	19.0	28.4

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

