

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012240.D
 Acq On : 21 Oct 2022 12:05
 Operator : CG/JU
 Sample : N4755-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK6

Quant Time: Oct 21 22:30:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	450873	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1929232	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1200009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2380372	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1609194	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1607454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	36536	3.279	ng/uL	0.00
4) Pyridine-d5	3.687	84	181411	5.651	ng/u1	0.00
7) Phenol-d5	6.993	99	809014	20.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	457846	19.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	621500	20.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	505578	16.712	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	297553	20.837	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	332143	21.558	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	671763	23.244	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	515227	12.548	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	2078851	24.904	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	2266642	23.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	297936	19.051	ng/u1	0.00
60) Fluorene-d10	15.469	176	1815647	25.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	229311	16.934	ng/u1	0.00
73) Anthracene-d10	17.333	188	2676212	25.649	ng/u1	0.00
81) Pyrene-d10	19.574	212	2628992	28.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	2009369	24.927	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.675	128	748739	7.257	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	199164	2.837	ng/u1	98
37) 1-Methylnaphthalene	12.510	142	78760	1.124	ng/u1	100
50) Acenaphthylene	14.198	152	747717	7.043	ng/u1	100
52) Acenaphthene	14.539	153	225057	2.998	ng/u1	99
61) Fluorene	15.528	166	186330	2.288	ng/u1	99
71) Pentachlorophenol	16.886	266	110132	6.141	ng/u1	97
72) Phenanthrene	17.275	178	2122494	16.590	ng/u1	100
74) Anthracene	17.369	178	2399226	18.954	ng/u1	100
80) Fluoranthene	19.251	202	4326225	38.213	ng/u1	97
82) Pyrene	19.604	202	3820396	32.983	ng/u1	96
85) Benzo(a)anthracene	21.316	228	1763611	16.816	ng/u1	96
87) Chrysene	21.369	228	1951142	19.936	ng/u1	98
90) Benzo(b)fluoranthene	23.010	252	5712301	53.323	ng/u1	98
91) Benzo(k)fluoranthene	23.051	252	1494575m	14.154	ng/u1	
93) Benzo(a)pyrene	23.633	252	2419558	26.412	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.239	276	3454600	32.576	ng/u1	95
95) Dibenzo(a,h)anthracene	26.245	278	798285	8.350	ng/u1#	83
96) Benzo(g,h,i)perylene	27.015	276	2870172	28.825	ng/u1	98

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

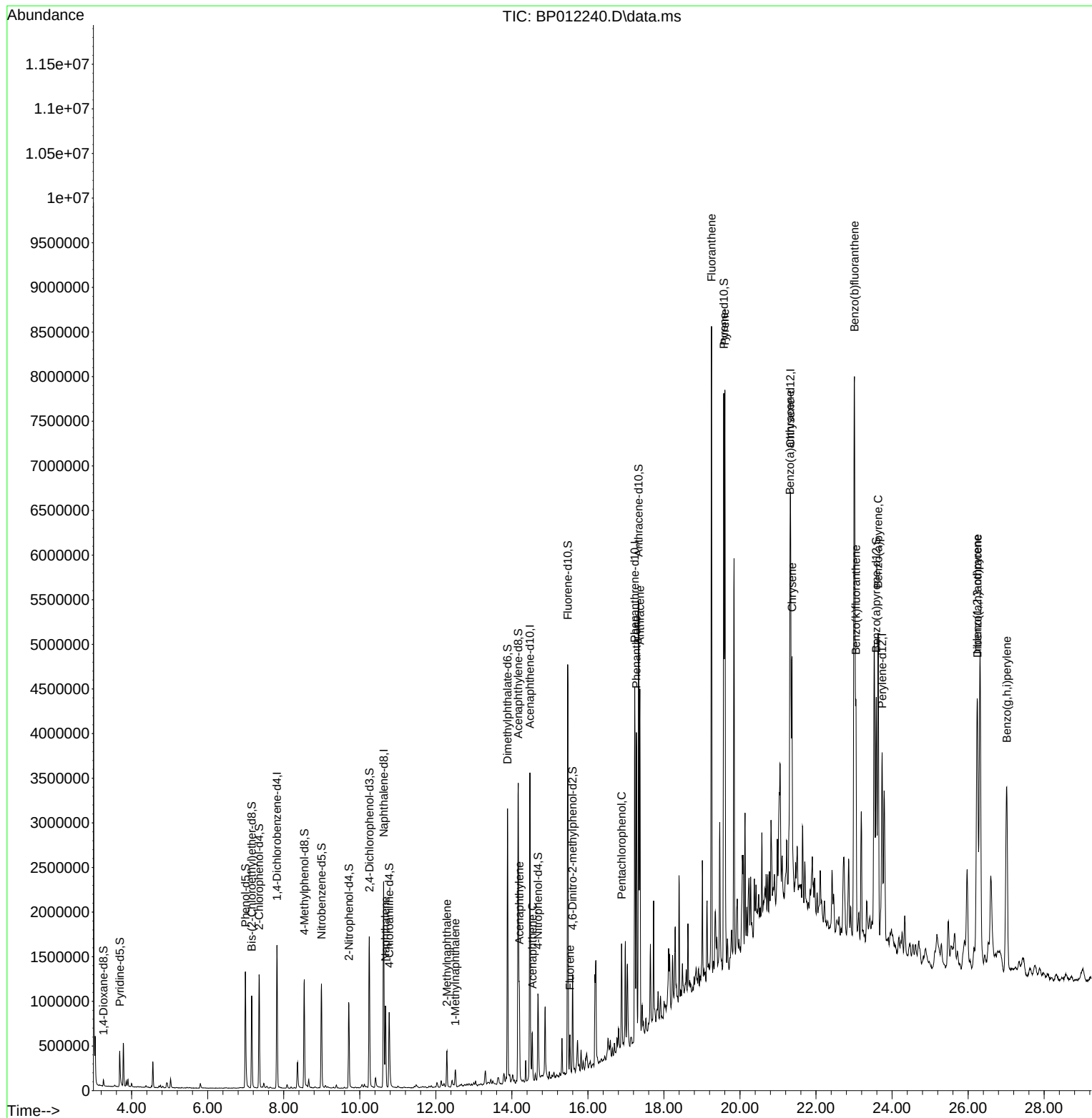
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012240.D
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 Operator : CG/JU
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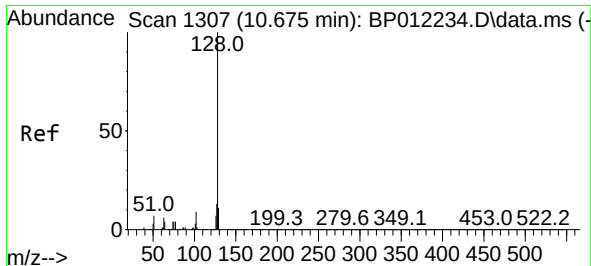
Instrument :
 BNA_P
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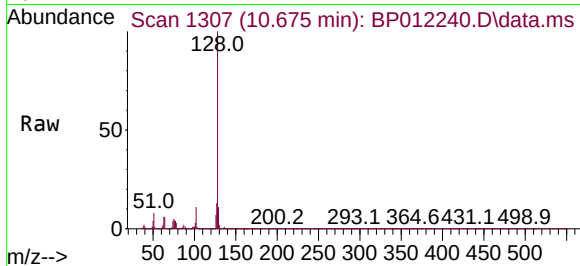
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022





#30
Naphthalene
Concen: 7.257 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

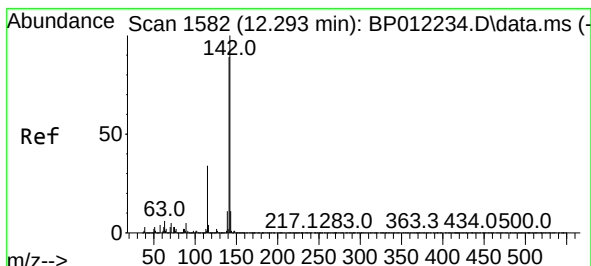
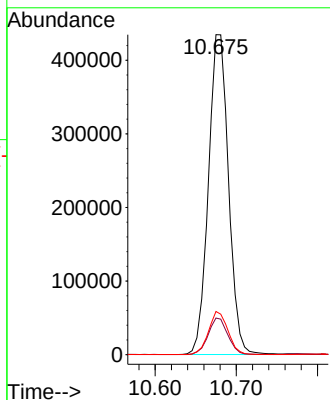
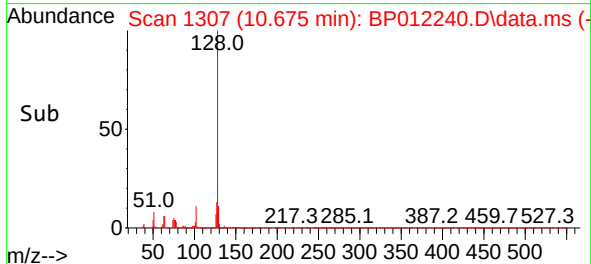
Instrument :
BNA_P
ClientSampleId :
DBWK6



Tgt Ion:128 Resp: 748739
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.2 15.4

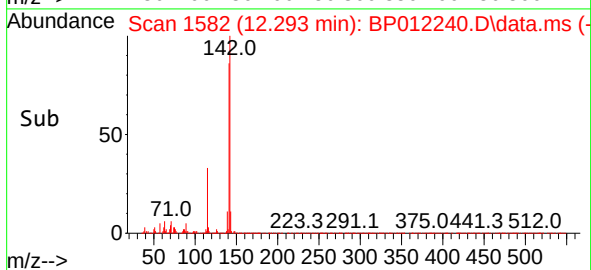
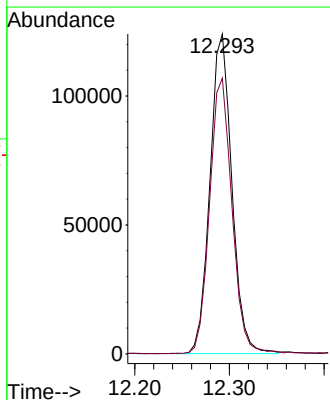
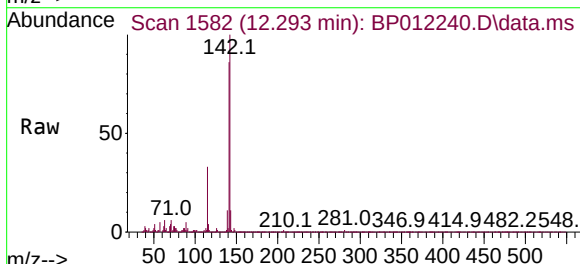
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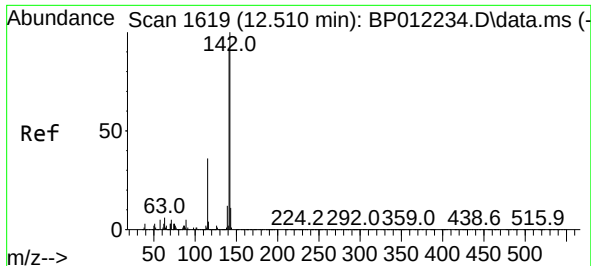
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#36
2-Methylnaphthalene
Concen: 2.837 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

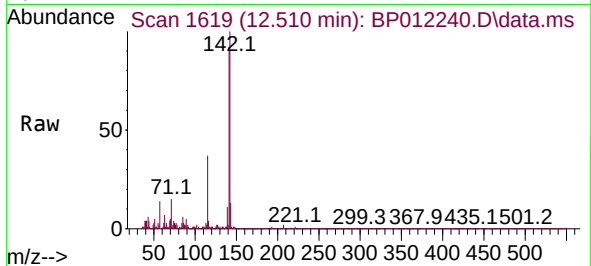
Tgt Ion:142 Resp: 199164
Ion Ratio Lower Upper
142 100
141 86.2 70.3 105.5





#37
1-Methylnaphthalene
Concen: 1.124 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

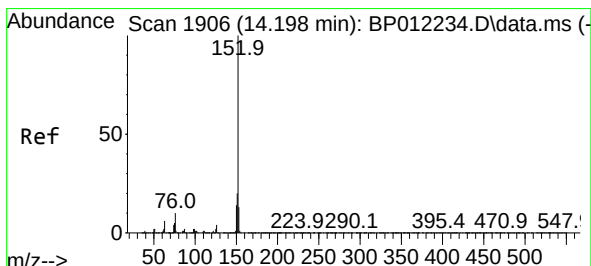
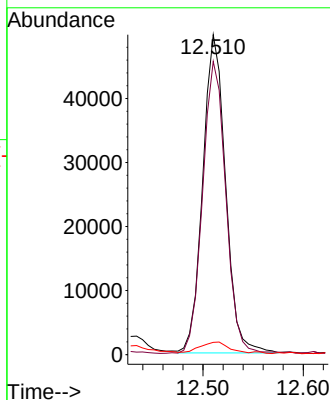
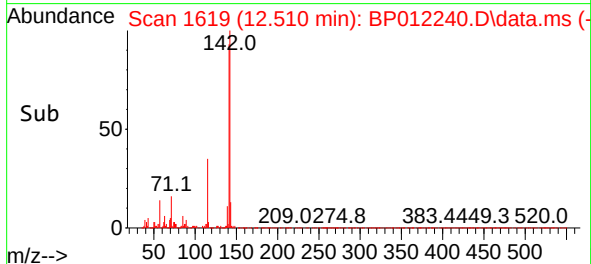
Instrument :
BNA_P
ClientSampleId :
DBWK6



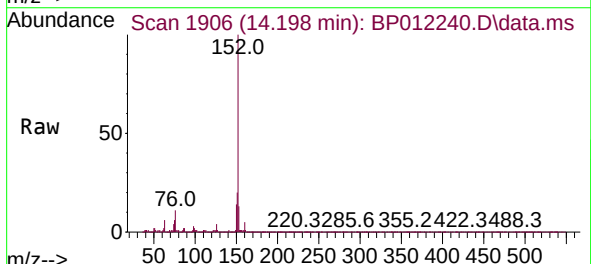
Tgt Ion:142 Resp: 78760
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0
116 3.8 3.0 4.4

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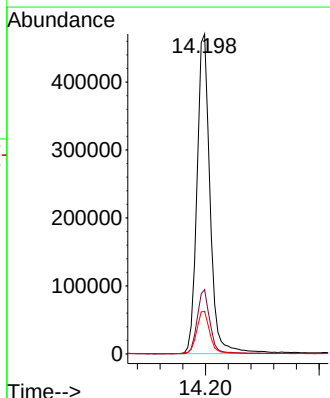
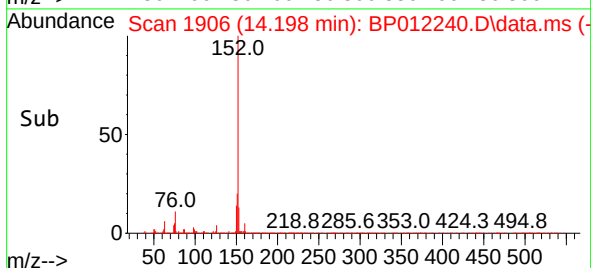
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

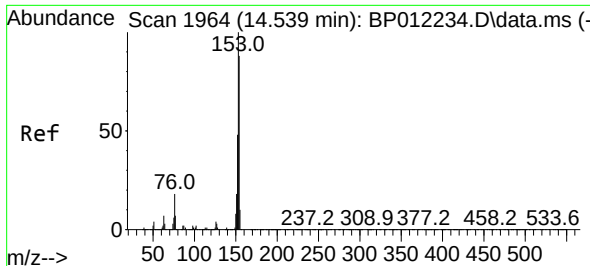


#50
Acenaphthylene
Concen: 7.043 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05



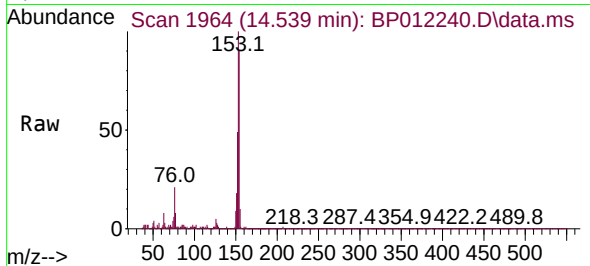
Tgt Ion:152 Resp: 747717
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 16.0





#52
Acenaphthene
Concen: 2.998 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

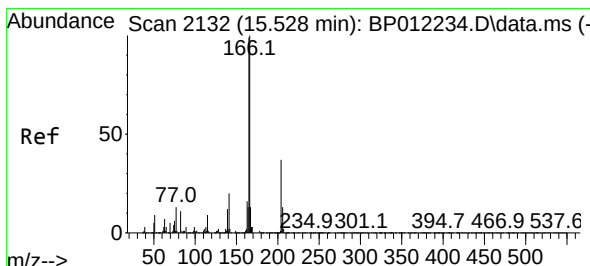
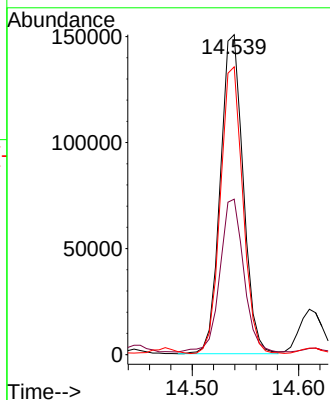
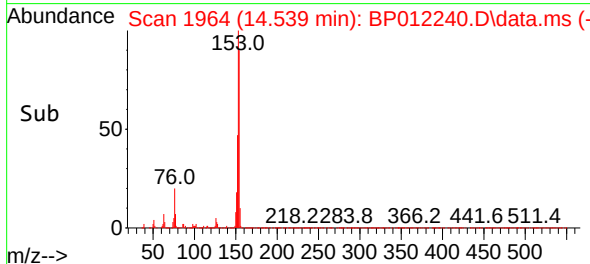
Instrument :
BNA_P
Client SampleId :
DBWK6



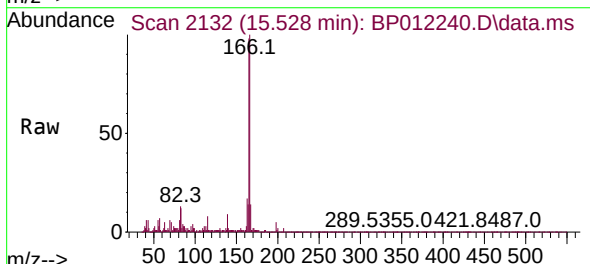
Tgt Ion:153 Resp: 225052
Ion Ratio Lower Upper
153 100
152 48.6 38.1 57.1
154 89.9 71.4 107.2

Manual Integrations
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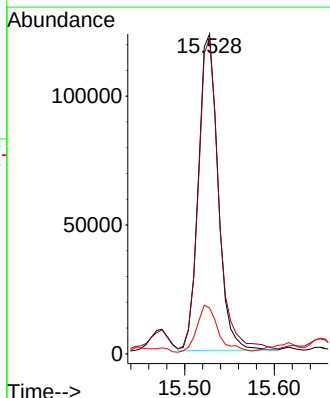
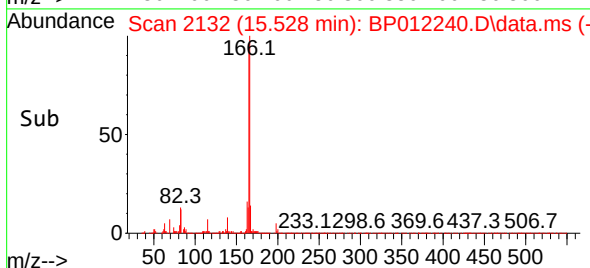
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

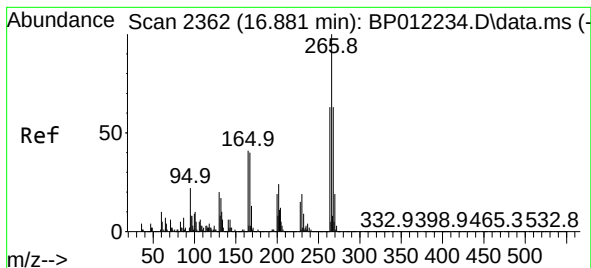


#61
Fluorene
Concen: 2.288 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05



Tgt Ion:166 Resp: 186330
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 14.3 10.7 16.1





#71

Pentachlorophenol

Concen: 6.141 ng/u1

RT: 16.886 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

Instrument :

BNA_P

ClientSampleId :

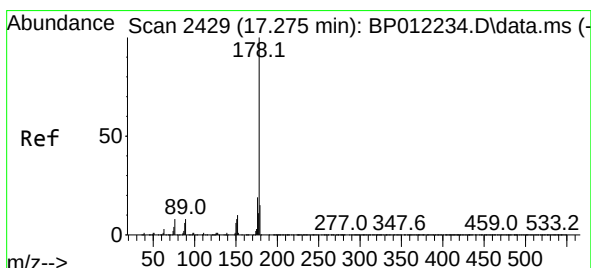
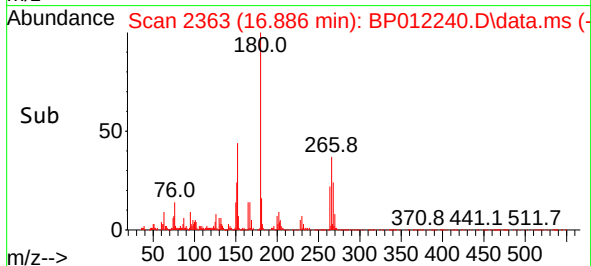
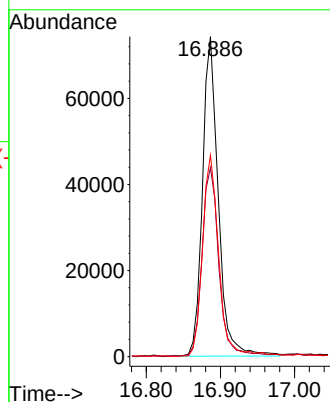
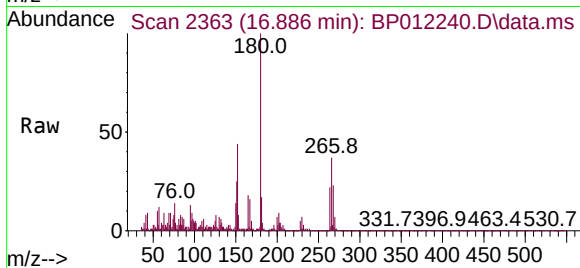
DBWK6

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.0	50.1	75.1
268	62.9	50.6	76.0

Manual Integrations

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#72

Phenanthrene

Concen: 16.590 ng/u1

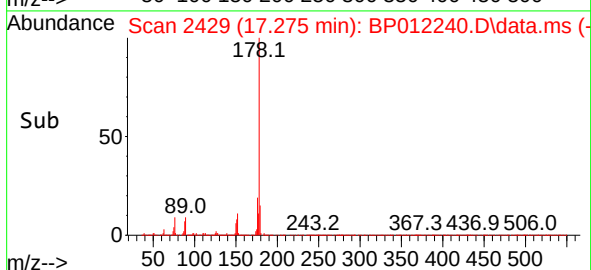
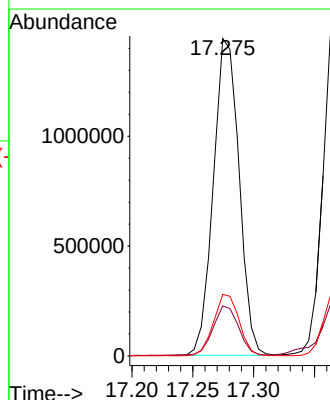
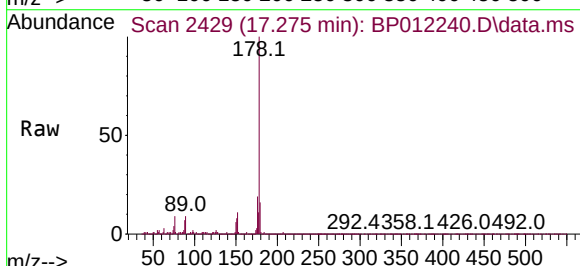
RT: 17.275 min Scan# 2429

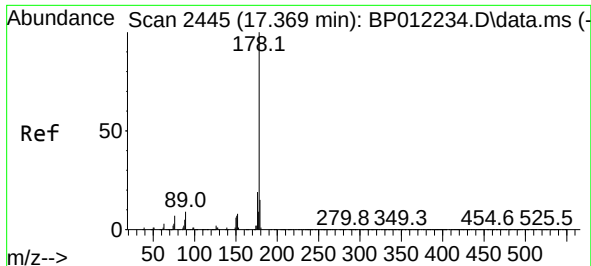
Delta R.T. -0.006 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

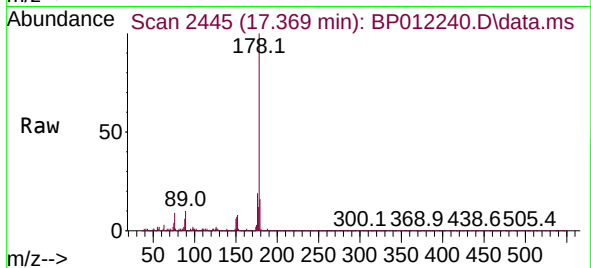
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.4	15.6	23.4





#74
 Anthracene
 Concen: 18.954 ng/ul
 RT: 17.369 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BP012240.D
 Acq: 21 Oct 2022 12:05

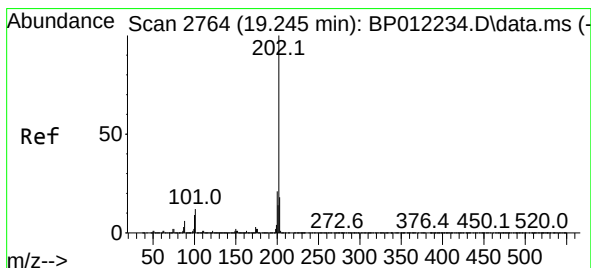
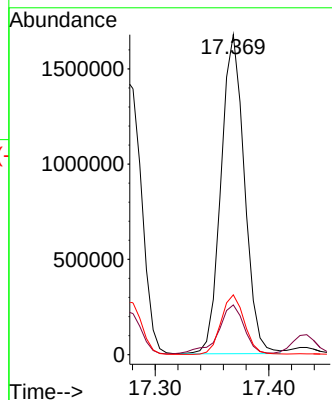
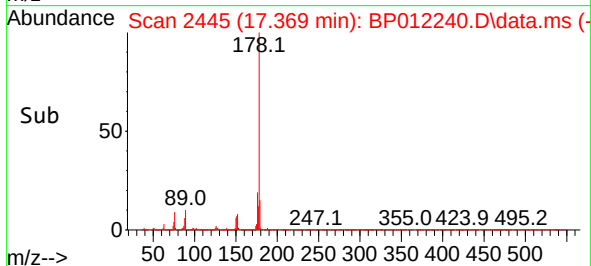
Instrument :
 BNA_P
 ClientSampleId :
 DBWK6



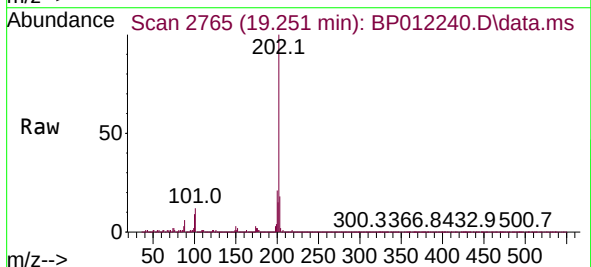
Tgt Ion:178 Resp: 2399226
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.7 15.0 22.4

Manual Integrations
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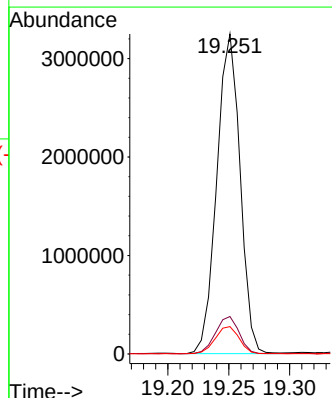
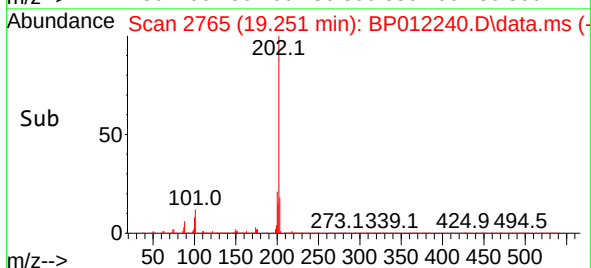
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

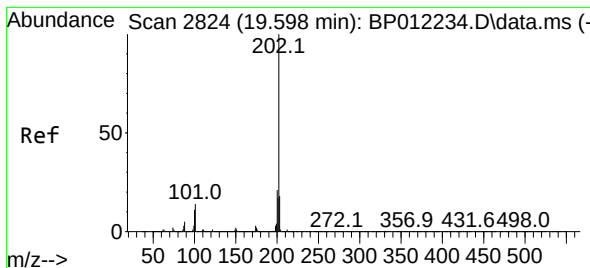


#80
 Fluoranthene
 Concen: 38.213 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BP012240.D
 Acq: 21 Oct 2022 12:05



Tgt Ion:202 Resp: 4326225
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.4 15.6
 100 8.5 7.7 11.5





#82

Pyrene

Concen: 32.983 ng/ul

RT: 19.604 min Scan# 2824

Delta R.T. 0.000 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

Instrument :

BNA_P

ClientSampleId :

DBWK6

Tgt Ion:202 Resp: 3820396

Ion Ratio Lower Upper

202 100

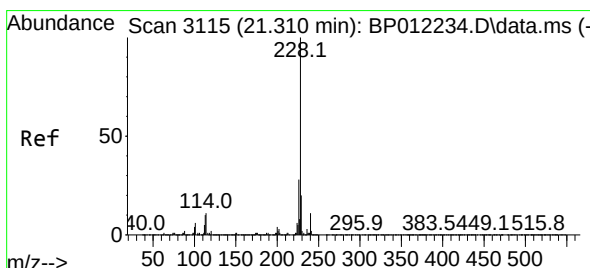
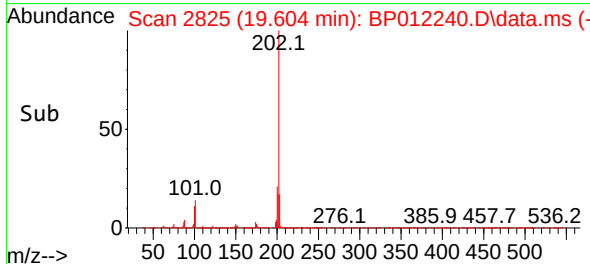
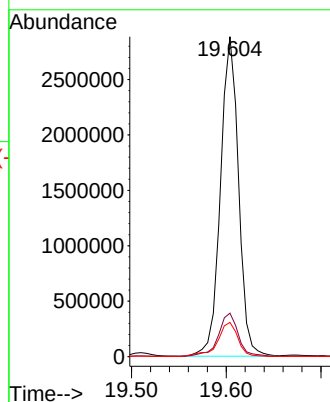
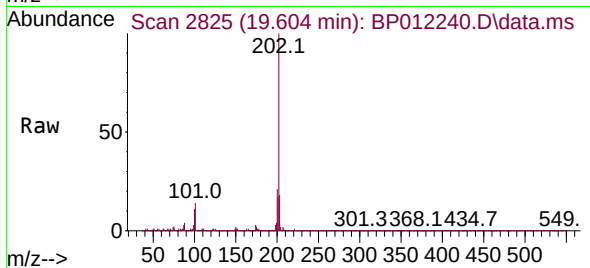
101 13.6 12.3 18.5

100 10.7 10.0 15.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#85

Benzo(a)anthracene

Concen: 16.816 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

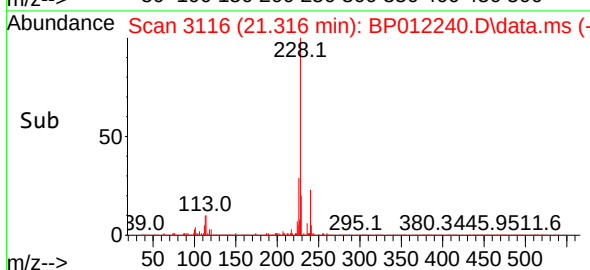
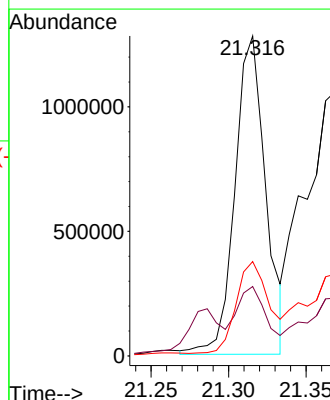
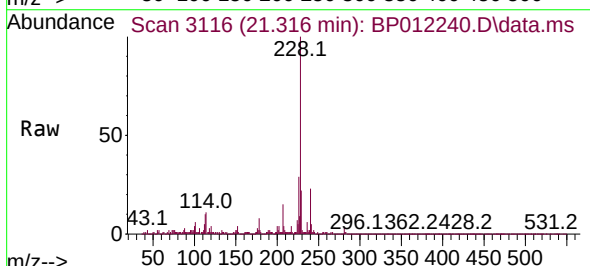
Tgt Ion:228 Resp: 1763611

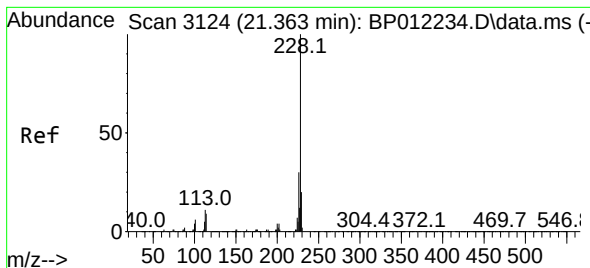
Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 29.5 21.9 32.9





#87

Chrysene

Concen: 19.936 ng/ul

RT: 21.369 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

Instrument :

BNA_P

ClientSampleId :

DBWK6

Tgt Ion:228 Resp: 195114

Ion Ratio Lower Upper

228 100

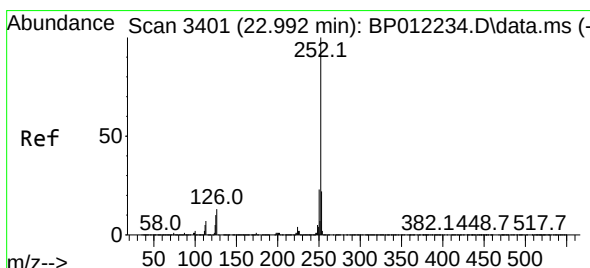
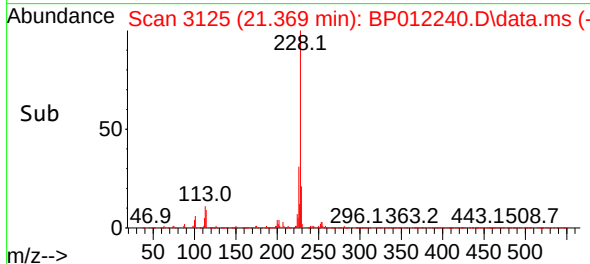
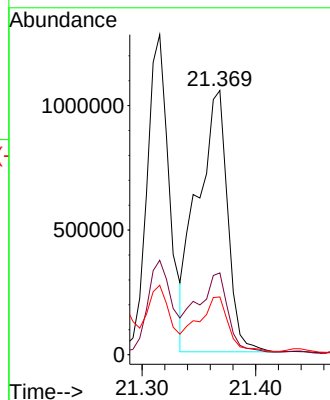
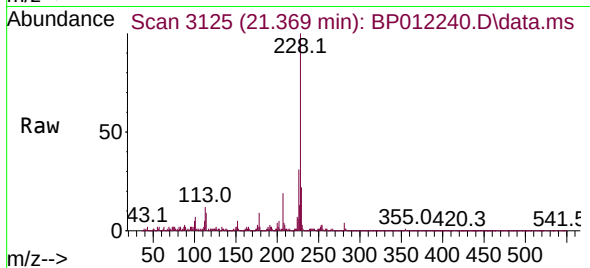
226 30.9 24.2 36.4

229 21.8 15.8 23.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#90

Benzo(b)fluoranthene

Concen: 53.323 ng/ul

RT: 23.010 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

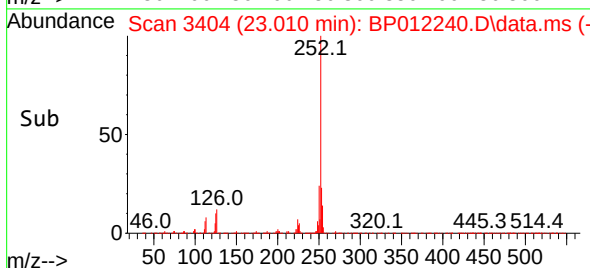
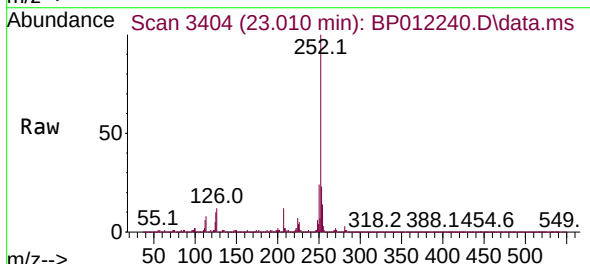
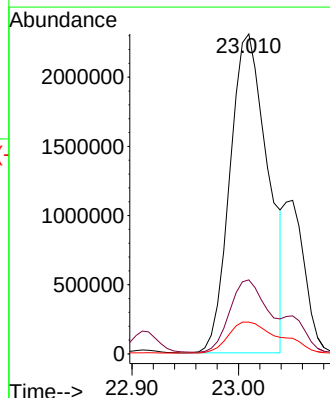
Tgt Ion:252 Resp: 5712301

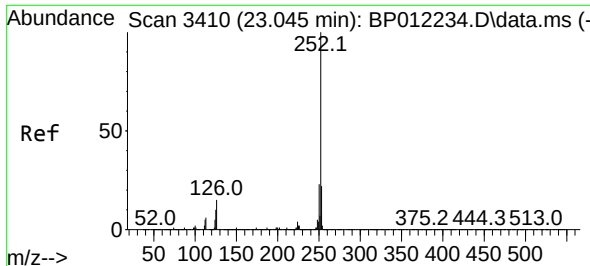
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

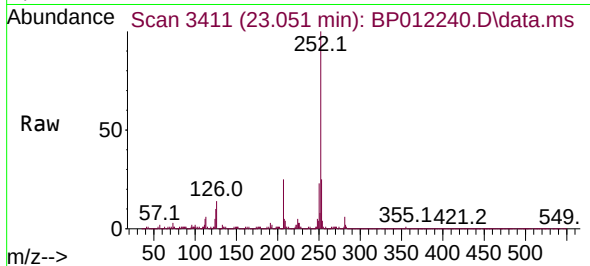
125 9.9 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 14.154 ng/ul m
RT: 23.051 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

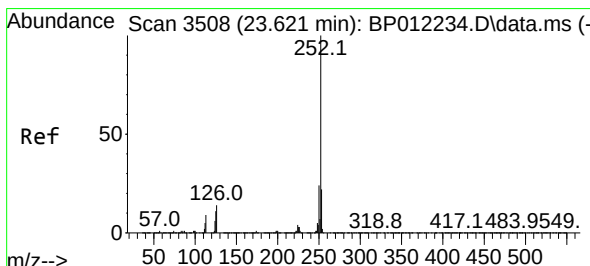
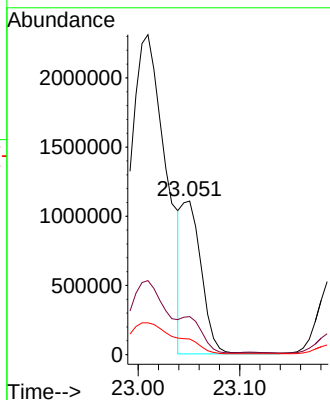
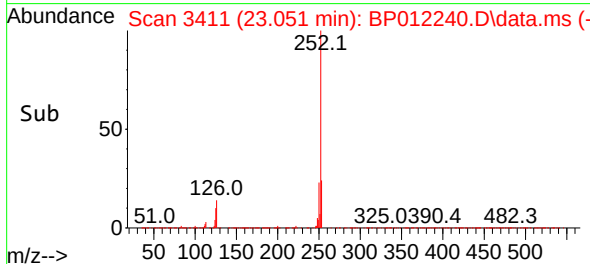
Instrument :
BNA_P
ClientSampleId :
DBWK6



Tgt Ion:252 Resp: 1494575
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 10.2 8.6 13.0

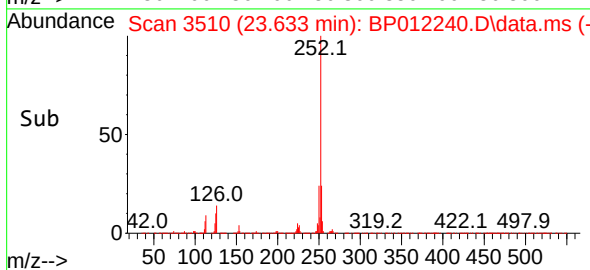
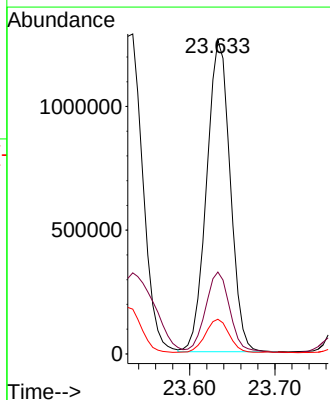
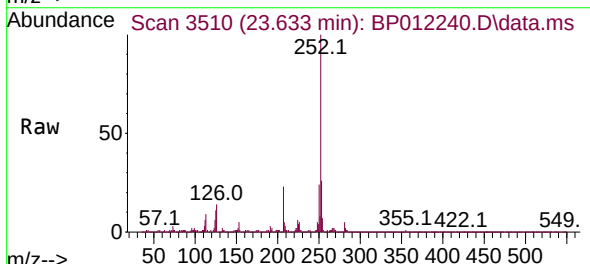
Manual Integrations
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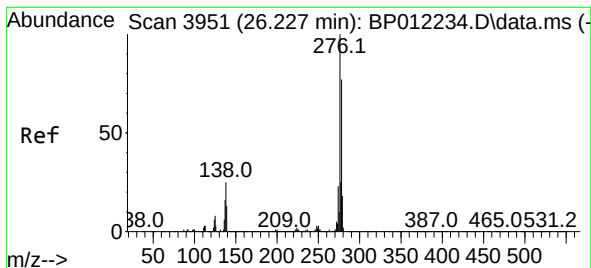
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 26.412 ng/ul
RT: 23.633 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP012240.D
Acq: 21 Oct 2022 12:05

Tgt Ion:252 Resp: 2419558
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.6
125 11.0 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 32.576 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

Instrument :

BNA_P

ClientSampleId :

DBWK6

Tgt Ion:276 Resp: 3454600

Ion Ratio Lower Upper

276 100

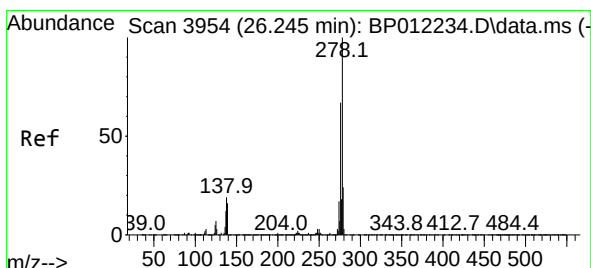
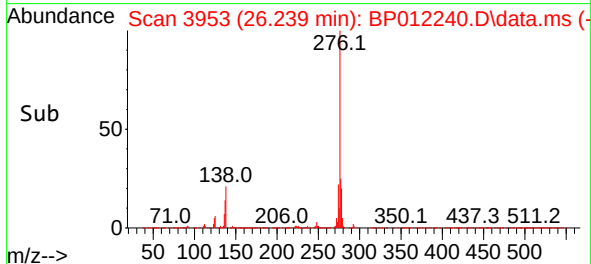
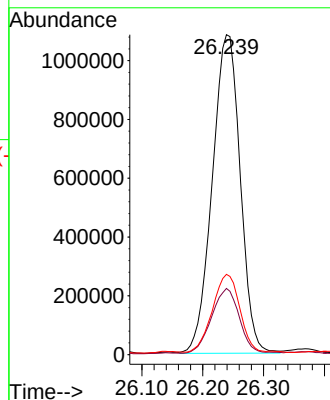
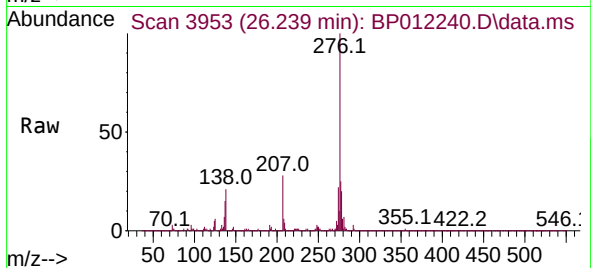
138 20.7 20.3 30.5

277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#95

Dibenzo(a,h)anthracene

Concen: 8.350 ng/ul

RT: 26.245 min Scan# 3954

Delta R.T. -0.018 min

Lab File: BP012240.D

Acq: 21 Oct 2022 12:05

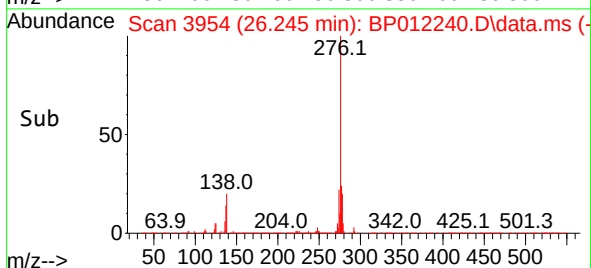
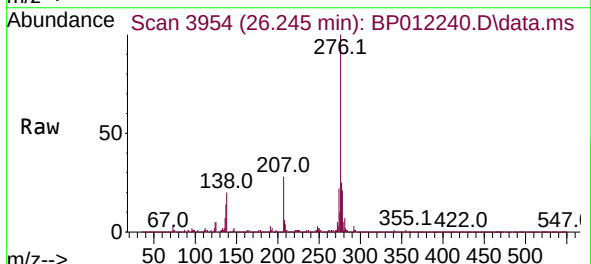
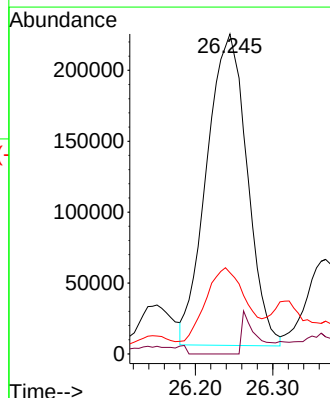
Tgt Ion:278 Resp: 798285

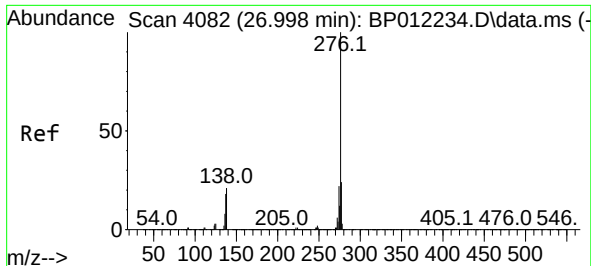
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

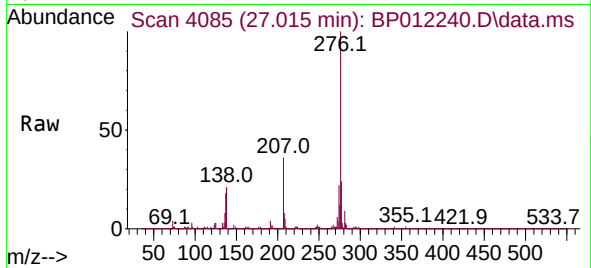
279 25.4 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 28.825 ng/ul
 RT: 27.015 min Scan# 4085
 Delta R.T. 0.006 min
 Lab File: BP012240.D
 Acq: 21 Oct 2022 12:05

Instrument :
 BNA_P
 ClientSampleId :
 DBWK6



Tgt Ion: 276 Resp: 2870172
 Ion Ratio Lower Upper
 276 100
 138 20.6 17.9 26.9
 277 23.9 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

