

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012223.D
 Acq On : 20 Oct 2022 20:32
 Operator : CG/JU
 Sample : N4755-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK3

Quant Time: Oct 20 23:26:21 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 10/21/2022
 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	413864	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1649227	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	849544	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1391757	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	1252018	20.000	ng/u1	0.00
88) Perylene-d12	23.757	264	1646611	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	39720	3.884	ng/uL	0.00
4) Pyridine-d5	3.681	84	291517	9.893	ng/u1	0.00
7) Phenol-d5	6.993	99	861244	24.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	486620	22.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	677272	24.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	645948	23.261	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	326986	26.785	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	364631	27.684	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	655489	26.532	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	544954	15.525	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	1681689	28.457	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1908891	28.299	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	205491	18.561	ng/u1	0.00
60) Fluorene-d10	15.475	176	1331623	26.192	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	92663	11.704	ng/u1	0.00
73) Anthracene-d10	17.351	188	1659377	27.201	ng/u1	0.01
81) Pyrene-d10	19.580	212	1803838	25.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	2282985	27.647	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.681	128	1749431	19.834	ng/u1	100
36) 2-Methylnaphthalene	12.292	142	1266497	21.104	ng/u1	99
37) 1-Methylnaphthalene	12.510	142	226037	3.772	ng/u1	99
50) Acenaphthylene	14.198	152	1469400	19.550	ng/u1	100
52) Acenaphthene	14.545	153	3803385	71.554	ng/u1	99
61) Fluorene	15.534	166	7940575	137.738	ng/u1	100
71) Pentachlorophenol	16.898	266	127561	12.166	ng/u1	98
72) Phenanthrene	17.292	178	18239156	243.834	ng/u1	93
74) Anthracene	17.386	178	28088773m	379.526	ng/u1	
80) Fluoranthene	19.263	202	18690003m	212.183	ng/u1	
82) Pyrene	19.616	202	16605332m	184.258	ng/u1	
85) Benzo(a)anthracene	21.321	228	7795370	95.533	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.239	149	61401	1.250	ng/u1#	75
87) Chrysene	21.380	228	11437663	150.207	ng/u1	96
90) Benzo(b)fluoranthene	23.033	252	17343128	158.043	ng/u1#	96
91) Benzo(k)fluoranthene	23.068	252	4164736m	38.502	ng/u1	
93) Benzo(a)pyrene	23.657	252	8197586m	87.358	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.280	276	7554875	69.547	ng/u1#	92
95) Dibenzo(a,h)anthracene	26.280	278	1915017	19.554	ng/u1#	82
96) Benzo(g,h,i)perylene	27.056	276	6437421	63.113	ng/u1	96

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

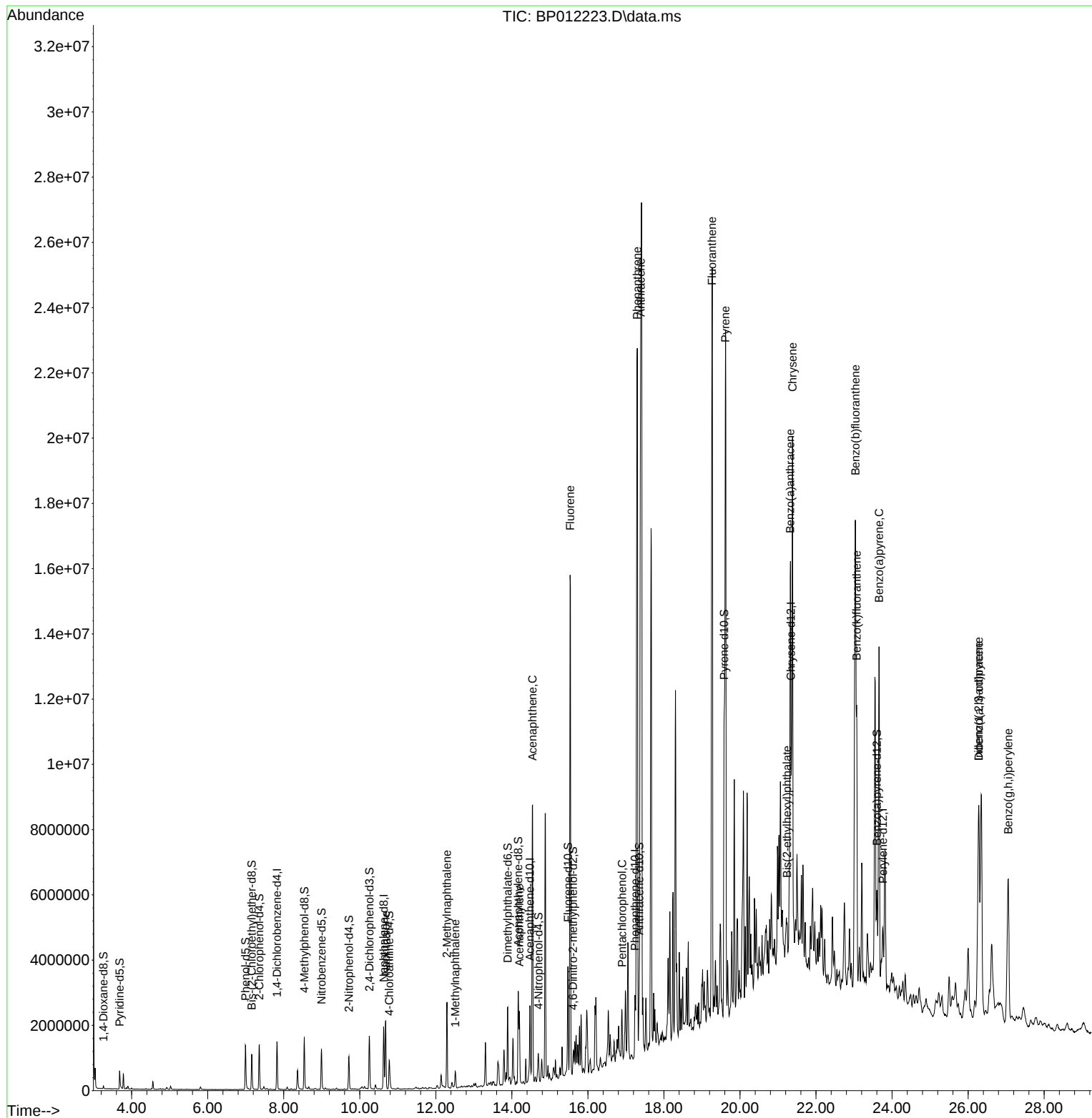
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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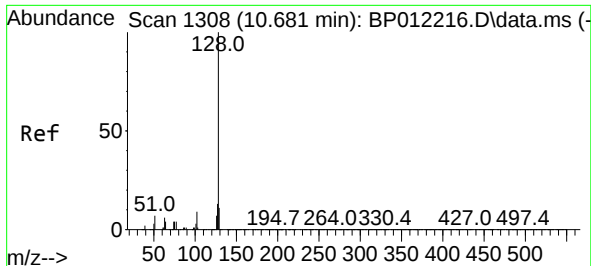
Instrument :
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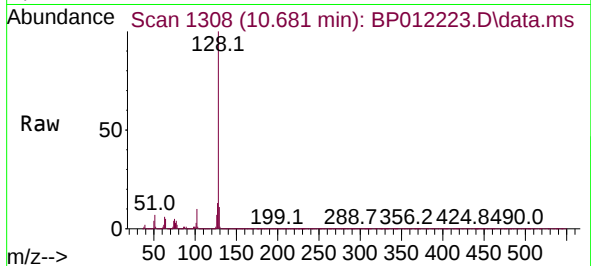
Quant Time: Oct 20 23:26:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
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#30
Naphthalene
Concen: 19.834 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

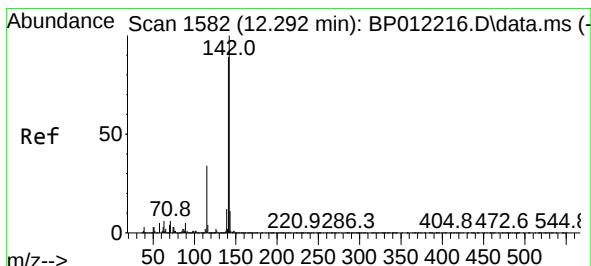
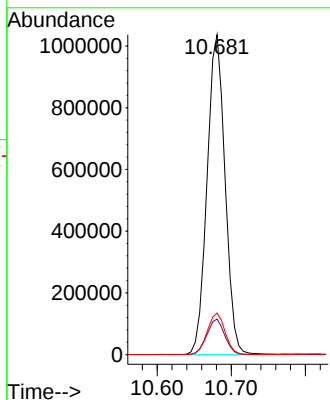
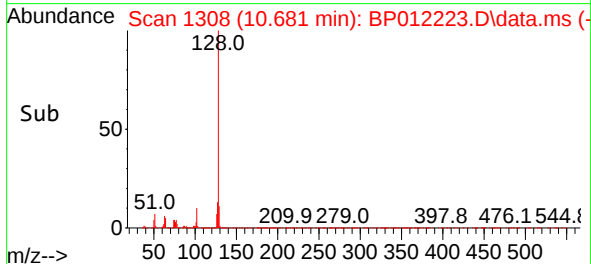
Instrument :
BNA_P
ClientSampleId :
DBWK3



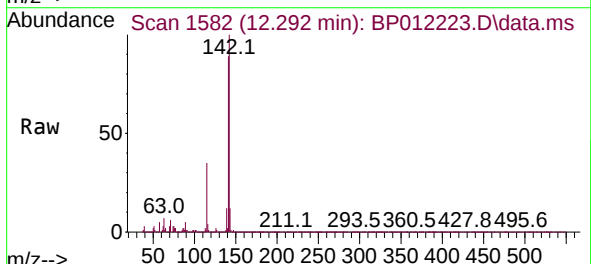
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Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.2 15.4

Manual Integrations
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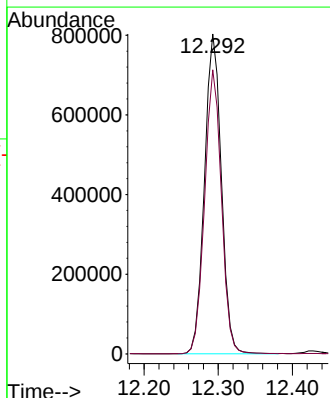
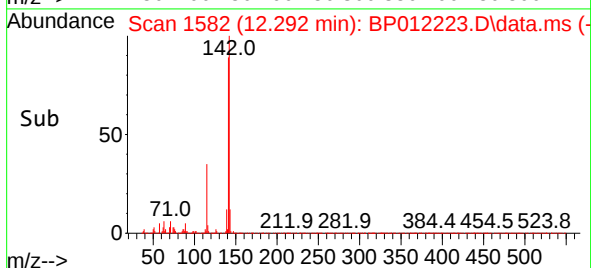
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

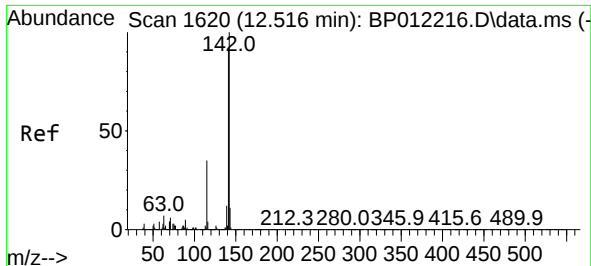


#36
2-Methylnaphthalene
Concen: 21.104 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32



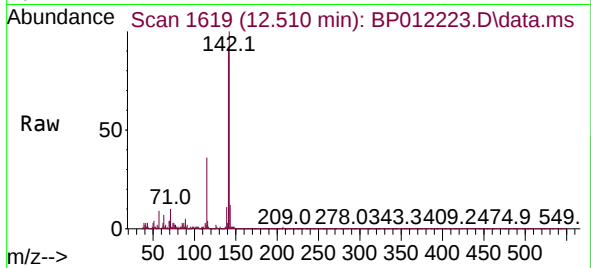
Tgt Ion:142 Resp: 1266497
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#37
1-Methylnaphthalene
Concen: 3.772 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

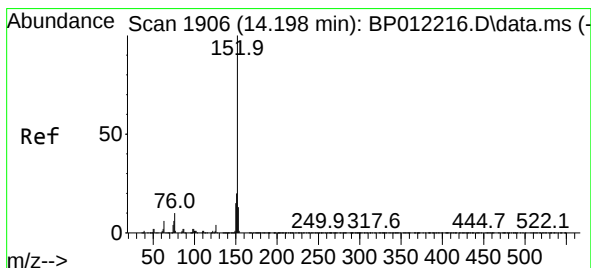
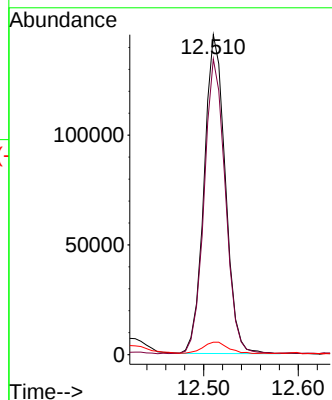
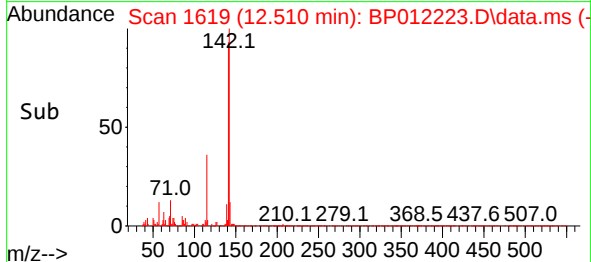
Instrument :
BNA_P
ClientSampleId :
DBWK3



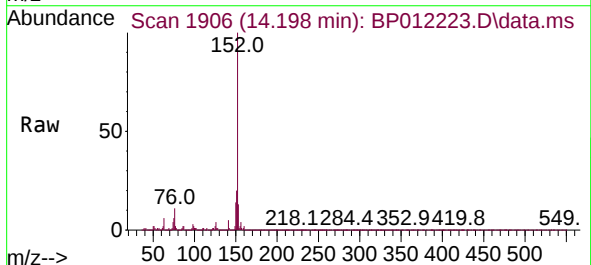
Tgt Ion:142 Resp: 226037
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0
116 3.9 3.0 4.4

Manual Integrations
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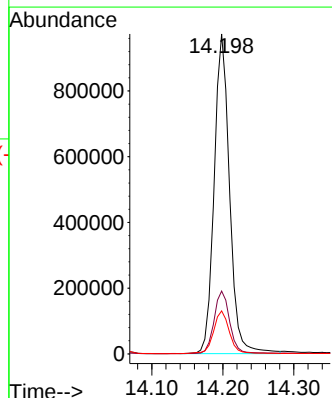
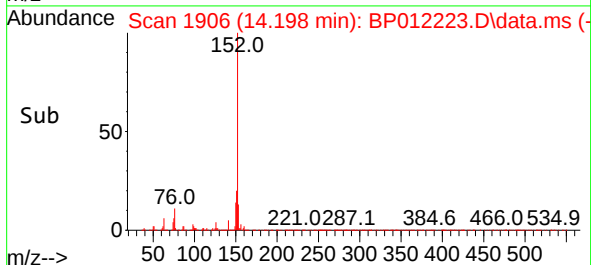
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

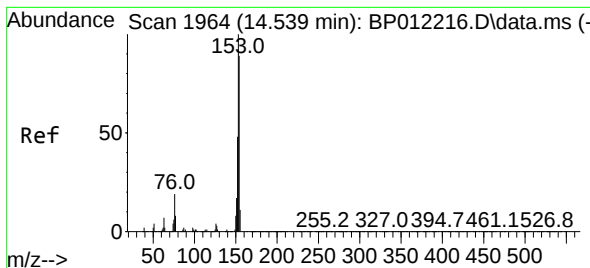


#50
Acenaphthylene
Concen: 19.550 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32



Tgt Ion:152 Resp: 1469400
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.4 10.6 16.0





#52

Acenaphthene

Concen: 71.554 ng/ul

RT: 14.545 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

DBWK3

Tgt Ion:153 Resp: 3803385

Ion Ratio Lower Upper

153 100

152 48.0 38.1 57.1

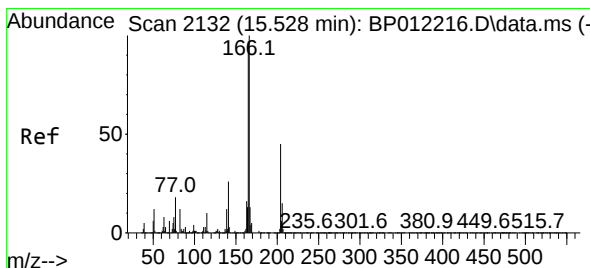
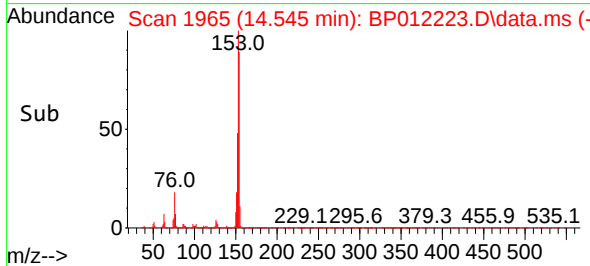
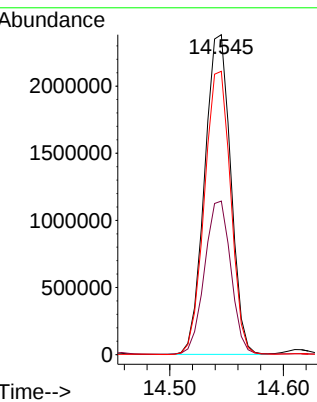
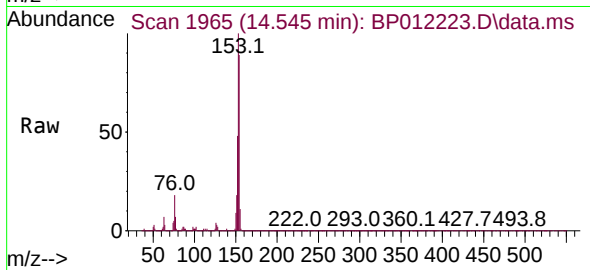
154 88.5 71.4 107.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/21/2022

Supervised By :mohammad ahmed 10/24/2022



#61

Fluorene

Concen: 137.738 ng/ul

RT: 15.534 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

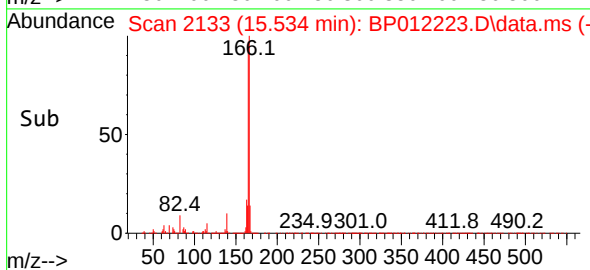
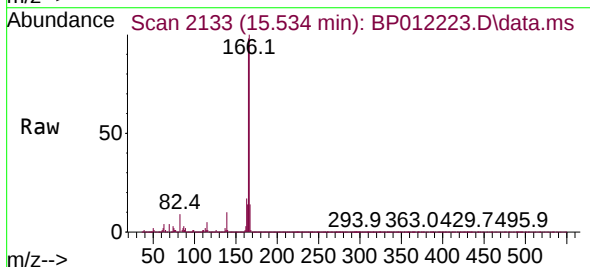
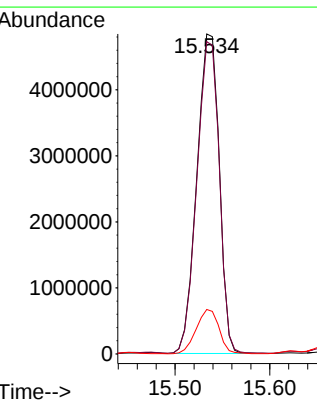
Tgt Ion:166 Resp: 7940575

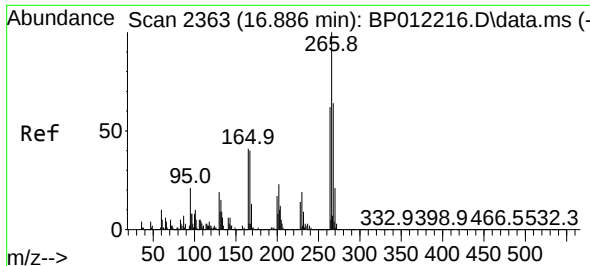
Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

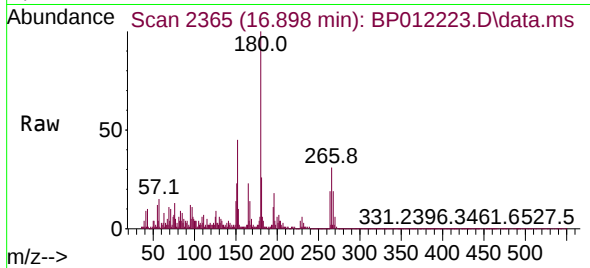
167 13.9 10.7 16.1





#71
Pentachlorophenol
Concen: 12.166 ng/ul
RT: 16.898 min Scan# 2363
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

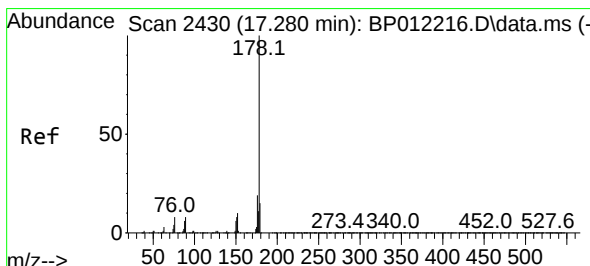
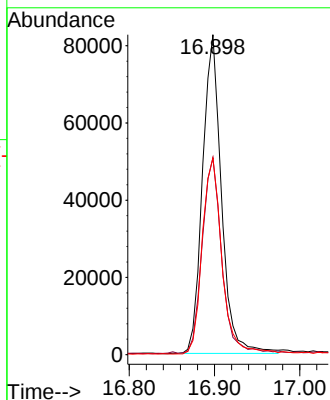
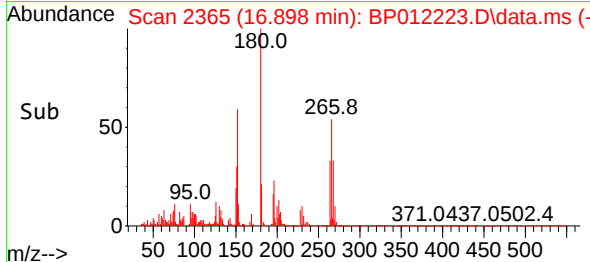
Instrument :
BNA_P
ClientSampleId :
DBWK3



Tgt Ion:266 Resp: 12756
Ion Ratio Lower Upper
266 100
264 61.6 50.1 75.1
268 61.5 50.6 76.0

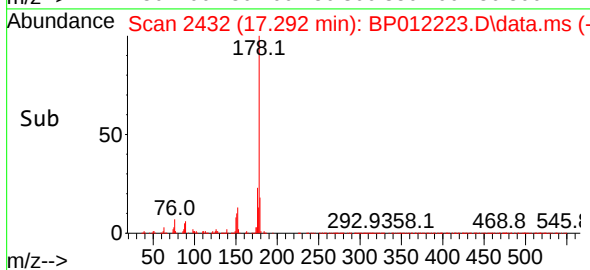
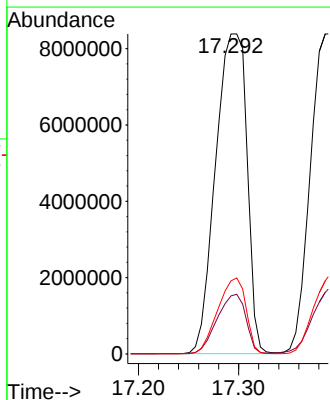
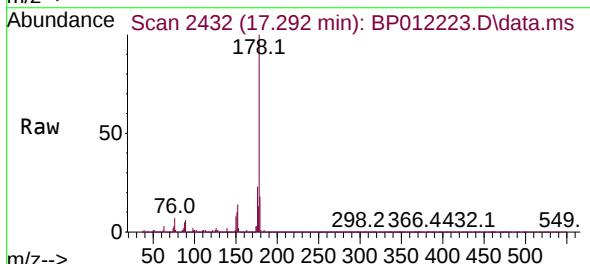
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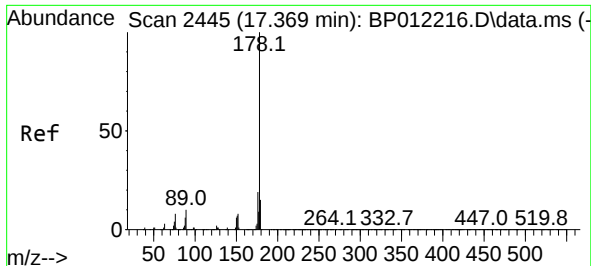
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#72
Phenanthrene
Concen: 243.834 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

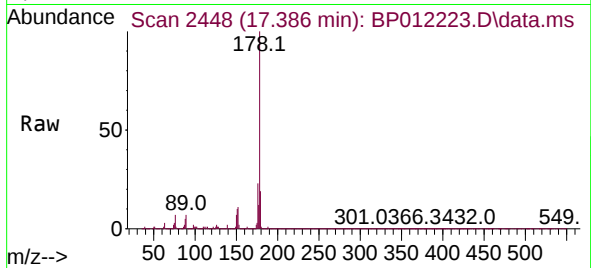
Tgt Ion:178 Resp:18239156
Ion Ratio Lower Upper
178 100
179 18.1 12.6 18.8
176 22.8 15.6 23.4





#74
 Anthracene
 Concen: 379.526 ng/ul m
 RT: 17.386 min Scan# 2445
 Delta R.T. 0.012 min
 Lab File: BP012223.D
 Acq: 20 Oct 2022 20:32

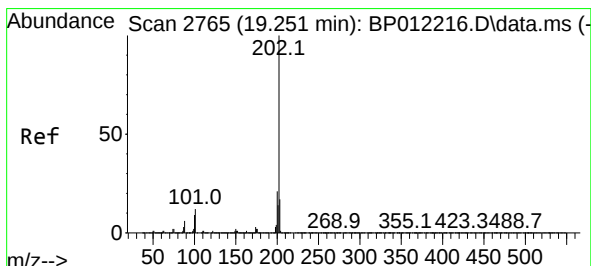
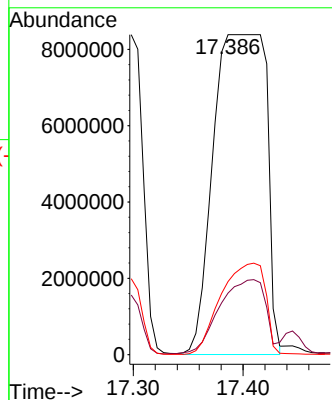
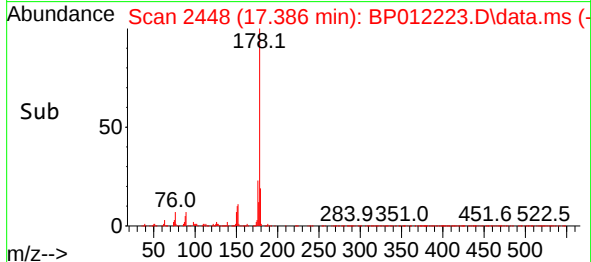
Instrument :
 BNA_P
 ClientSampleId :
 DBWK3



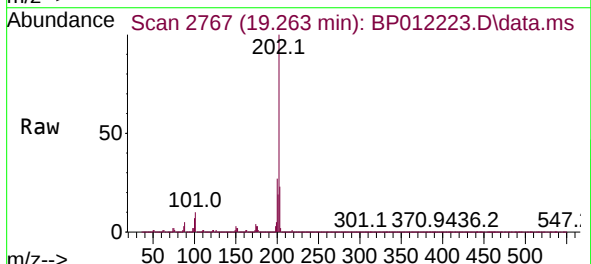
Tgt Ion:178 Resp:28088773
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.3 18.5#
 176 22.9 15.0 22.4#

Manual Integrations
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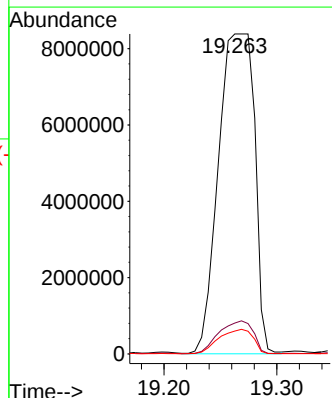
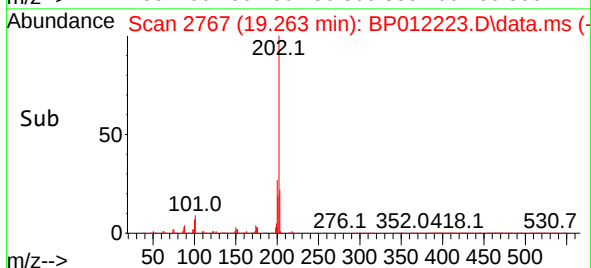
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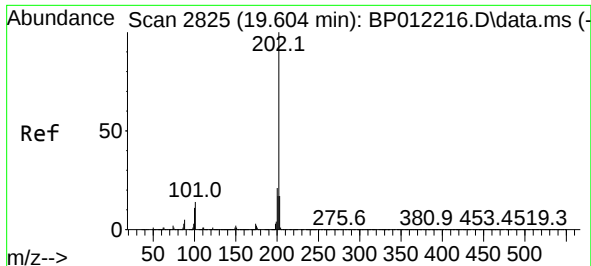


#80
 Fluoranthene
 Concen: 212.183 ng/ul m
 RT: 19.263 min Scan# 2767
 Delta R.T. 0.012 min
 Lab File: BP012223.D
 Acq: 20 Oct 2022 20:32



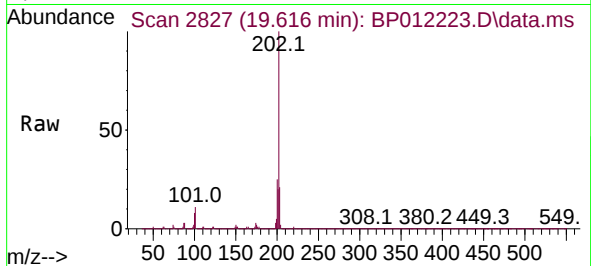
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 Ion Ratio Lower Upper
 202 100
 101 9.6 10.4 15.6#
 100 7.1 7.7 11.5#





#82
Pyrene
Concen: 184.258 ng/ul m
RT: 19.616 min Scan# 2825
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

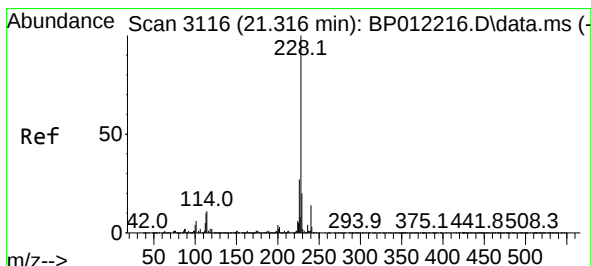
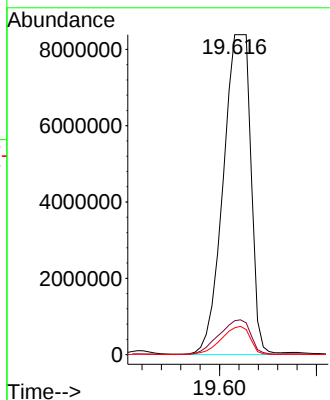
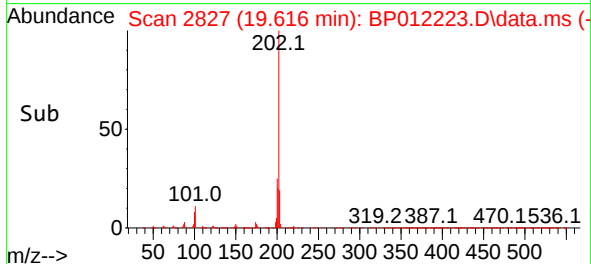
Instrument :
BNA_P
ClientSampleId :
DBWK3



Tgt Ion:202 Resp:16605332
Ion Ratio Lower Upper
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101 10.6 12.3 18.5
100 8.4 10.0 15.0

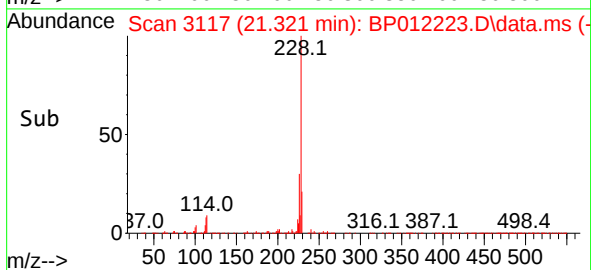
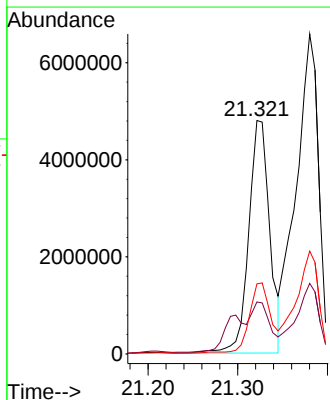
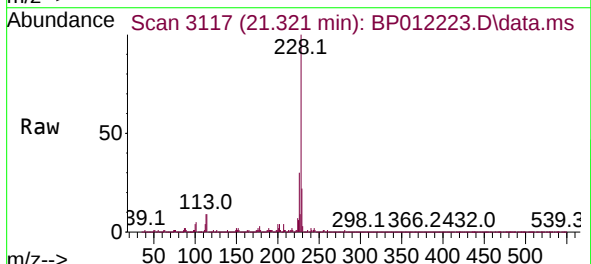
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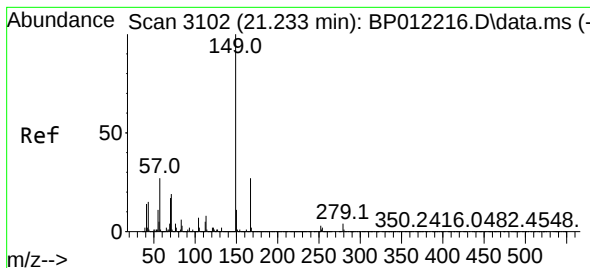
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#85
Benzo(a)anthracene
Concen: 95.533 ng/ul
RT: 21.321 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

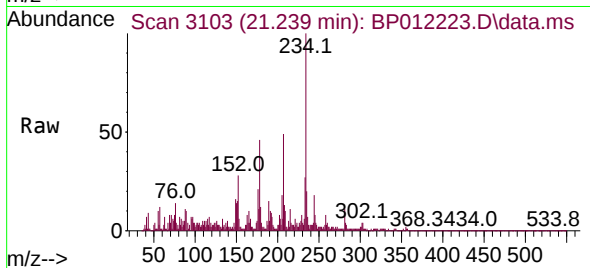
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Ion Ratio Lower Upper
228 100
229 22.2 16.1 24.1
226 30.0 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.250 ng/ul
RT: 21.239 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

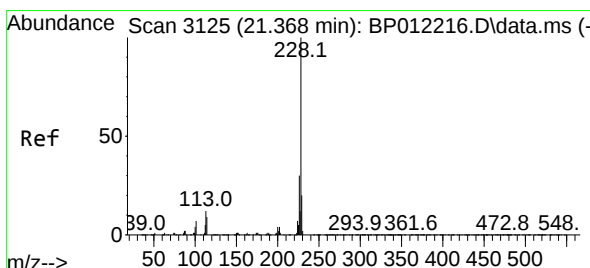
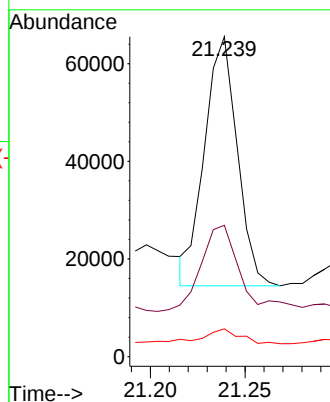
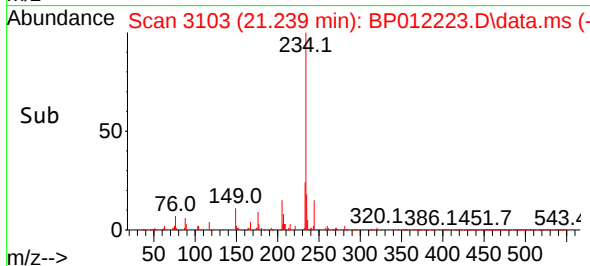
Instrument :
BNA_P
ClientSampleId :
DBWK3



Tgt Ion:149 Resp: 61401
Ion Ratio Lower Upper
149 100
167 41.0 21.6 32.4
279 8.7 3.4 5.0

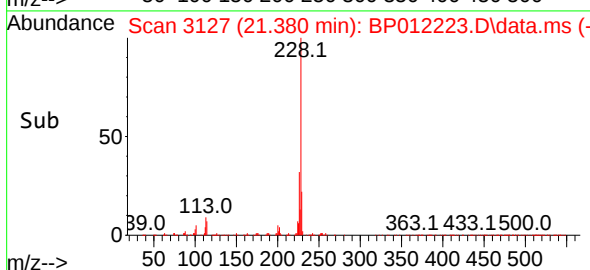
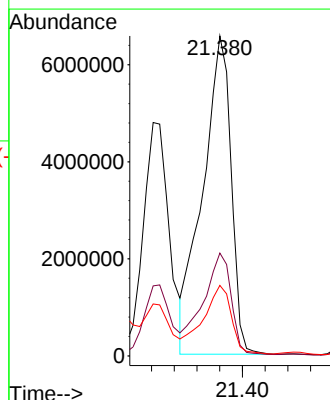
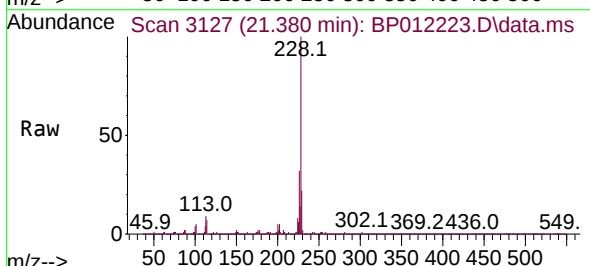
Manual Integrations
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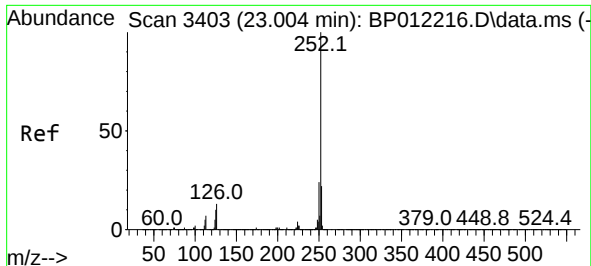
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 150.207 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

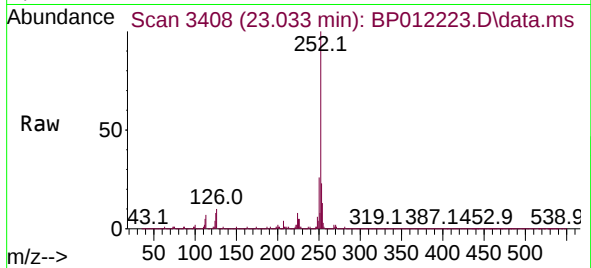
Tgt Ion:228 Resp:11437663
Ion Ratio Lower Upper
228 100
226 32.1 24.2 36.4
229 22.0 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 158.043 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. 0.029 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

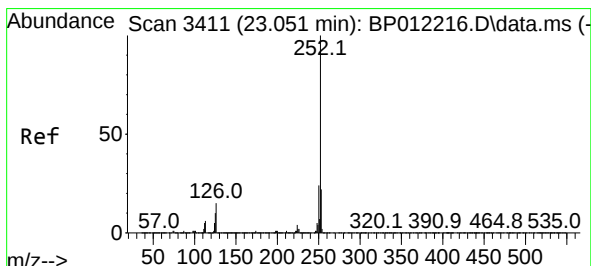
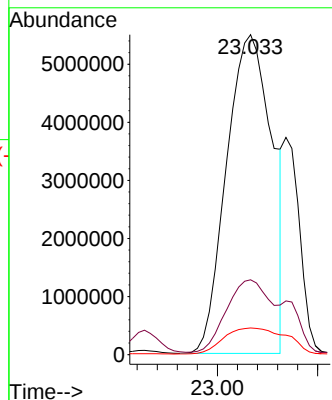
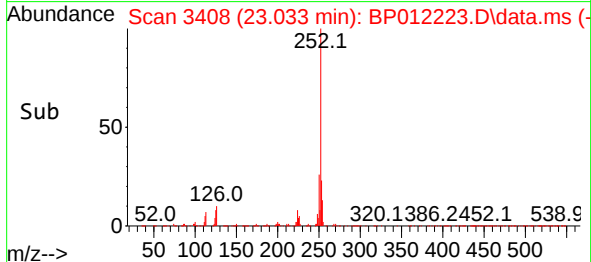
Instrument :
BNA_P
ClientSampleId :
DBWK3



Tgt Ion:252 Resp:17343128
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.3 8.5 12.7

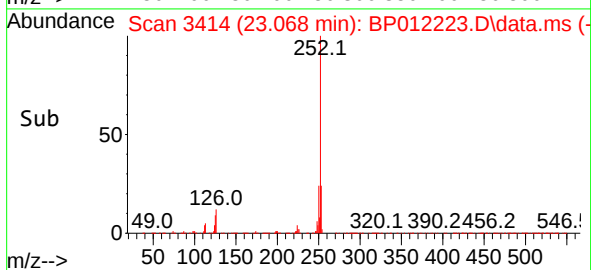
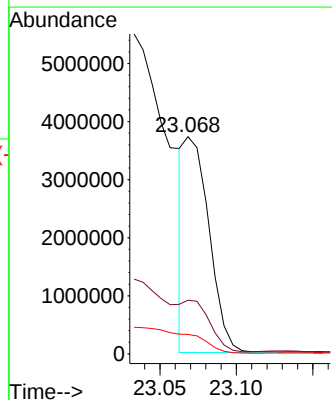
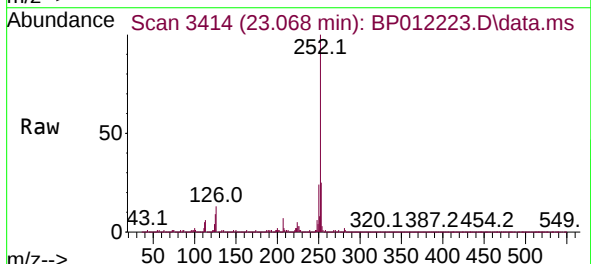
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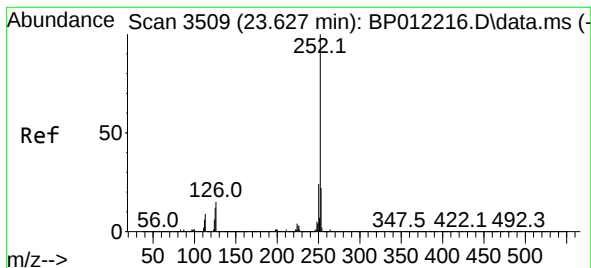
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#91
Benzo(k)fluoranthene
Concen: 38.502 ng/ul m
RT: 23.068 min Scan# 3414
Delta R.T. 0.018 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:252 Resp: 4164736
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 9.0 8.6 13.0





#93

Benzo(a)pyrene

Concen: 87.358 ng/ul m

RT: 23.657 min Scan# 3514

Delta R.T. 0.024 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

DBWK3

Tgt Ion:252 Resp: 8197586

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

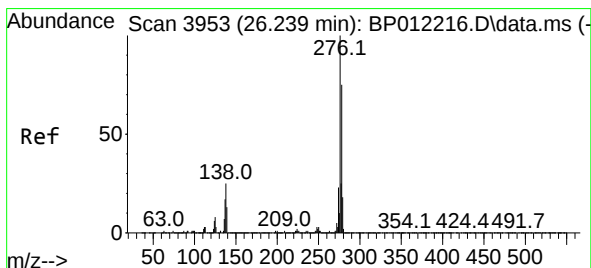
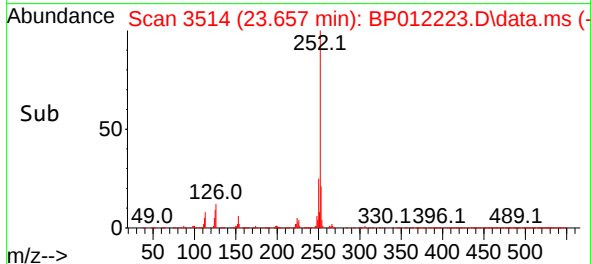
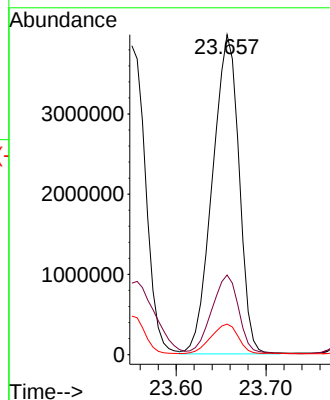
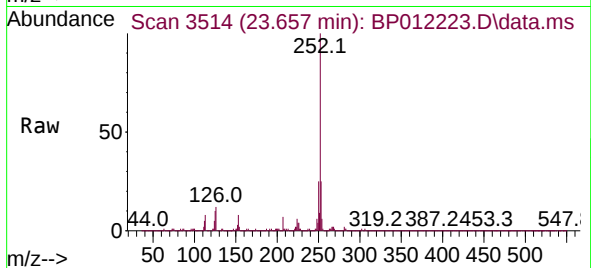
125 9.5 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022

Supervised By :mohammad ahmed 10/24/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 69.547 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. 0.035 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

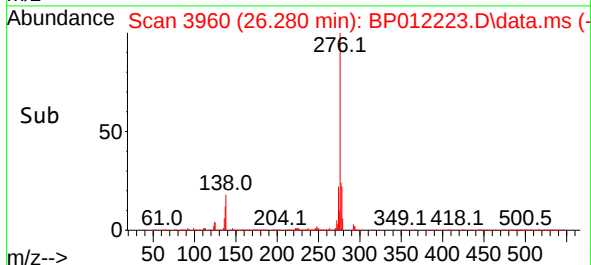
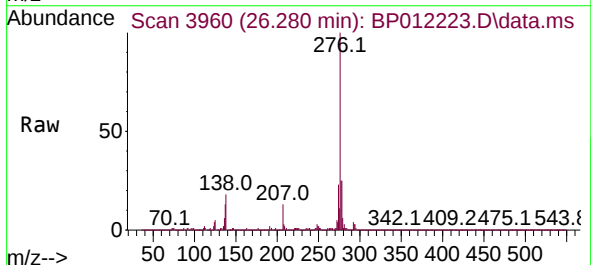
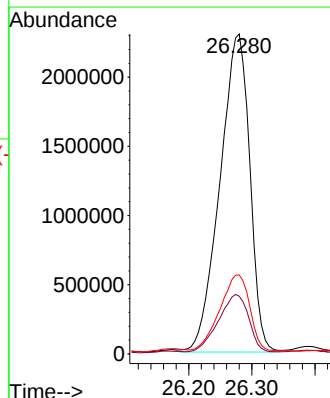
Tgt Ion:276 Resp: 7554875

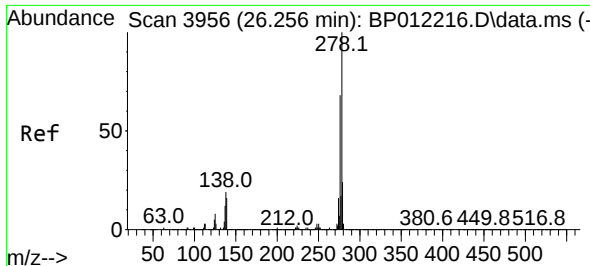
Ion Ratio Lower Upper

276 100

138 18.0 20.3 30.5

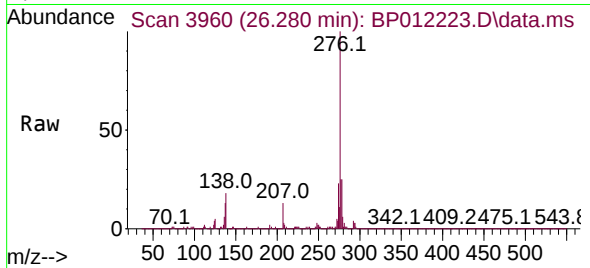
277 24.7 20.2 30.4





#95
Dibenzo(a,h)anthracene
Concen: 19.554 ng/ul
RT: 26.280 min Scan# 3956
Delta R.T. 0.018 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

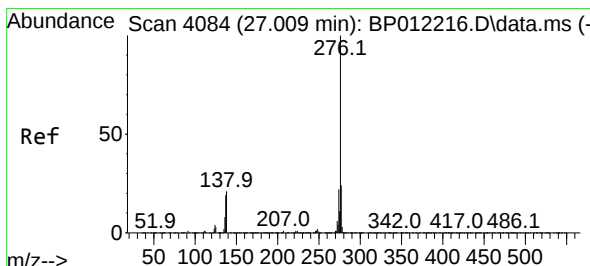
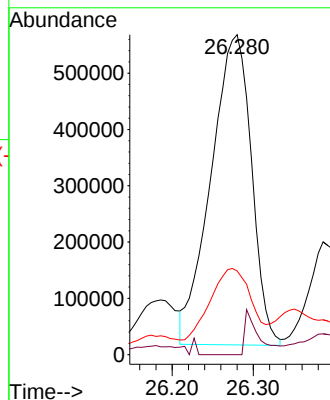
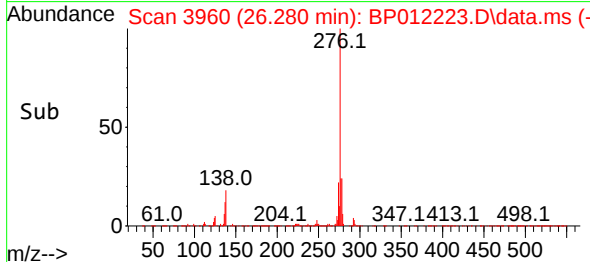
Instrument :
BNA_P
ClientSampleId :
DBWK3



Tgt Ion:278 Resp: 191501
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3
279 26.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#96
Benzo(g,h,i)perylene
Concen: 63.113 ng/ul
RT: 27.056 min Scan# 4092
Delta R.T. 0.047 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:276 Resp: 6437421
Ion Ratio Lower Upper
276 100
138 19.3 17.9 26.9
277 24.1 18.9 28.3

