

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012220.D
 Acq On : 20 Oct 2022 18:49
 Operator : CG/JU
 Sample : N4755-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK1

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 23:24:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	457407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1964642	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1201823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	2247654	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1460546	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1677685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	63829	5.647	ng/uL	0.00
4) Pyridine-d5	3.717	84	218694m	6.715	ng/u1	0.04
7) Phenol-d5	6.993	99	1214741	30.762	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	723468	30.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	971086	32.307	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	755653	24.622	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	478700	32.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	536974	34.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	955979	32.482	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	579420	13.857	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	2789554	33.368	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	3119318	32.688	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	406607	25.961	ng/u1	0.00
60) Fluorene-d10	15.469	176	2374914	33.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	309844	24.232	ng/u1	0.00
73) Anthracene-d10	17.340	188	3215842	32.641	ng/u1	0.00
81) Pyrene-d10	19.575	212	2878673	34.618	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	2695844	32.042	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.681	128	845256	8.044	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	391751	5.480	ng/u1	99
37) 1-Methylnaphthalene	12.510	142	110409	1.547	ng/u1	97
50) Acenaphthylene	14.199	152	1027863	9.667	ng/u1	100
52) Acenaphthene	14.540	153	389675	5.182	ng/u1	100
61) Fluorene	15.528	166	1040150	12.754	ng/u1	100
71) Pentachlorophenol	16.887	266	229029	13.526	ng/u1	98
72) Phenanthrene	17.281	178	5167538	42.777	ng/u1	100
74) Anthracene	17.375	178	8987869	75.197	ng/u1	98
80) Fluoranthene	19.251	202	7092636	69.025	ng/u1	97
82) Pyrene	19.610	202	6270835	59.648	ng/u1	94
85) Benzo(a)anthracene	21.316	228	2667866	28.027	ng/u1	96
87) Chrysene	21.369	228	3737046	42.070	ng/u1	98
90) Benzo(b)fluoranthene	23.010	252	7045296	63.013	ng/u1	97
91) Benzo(k)fluoranthene	23.051	252	2340026m	21.232	ng/u1	
93) Benzo(a)pyrene	23.639	252	3344107	34.976	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.251	276	4766940	43.069	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.251	278	1118366	11.208	ng/u1#	82
96) Benzo(g,h,i)perylene	27.027	276	4205023	40.463	ng/u1	98

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

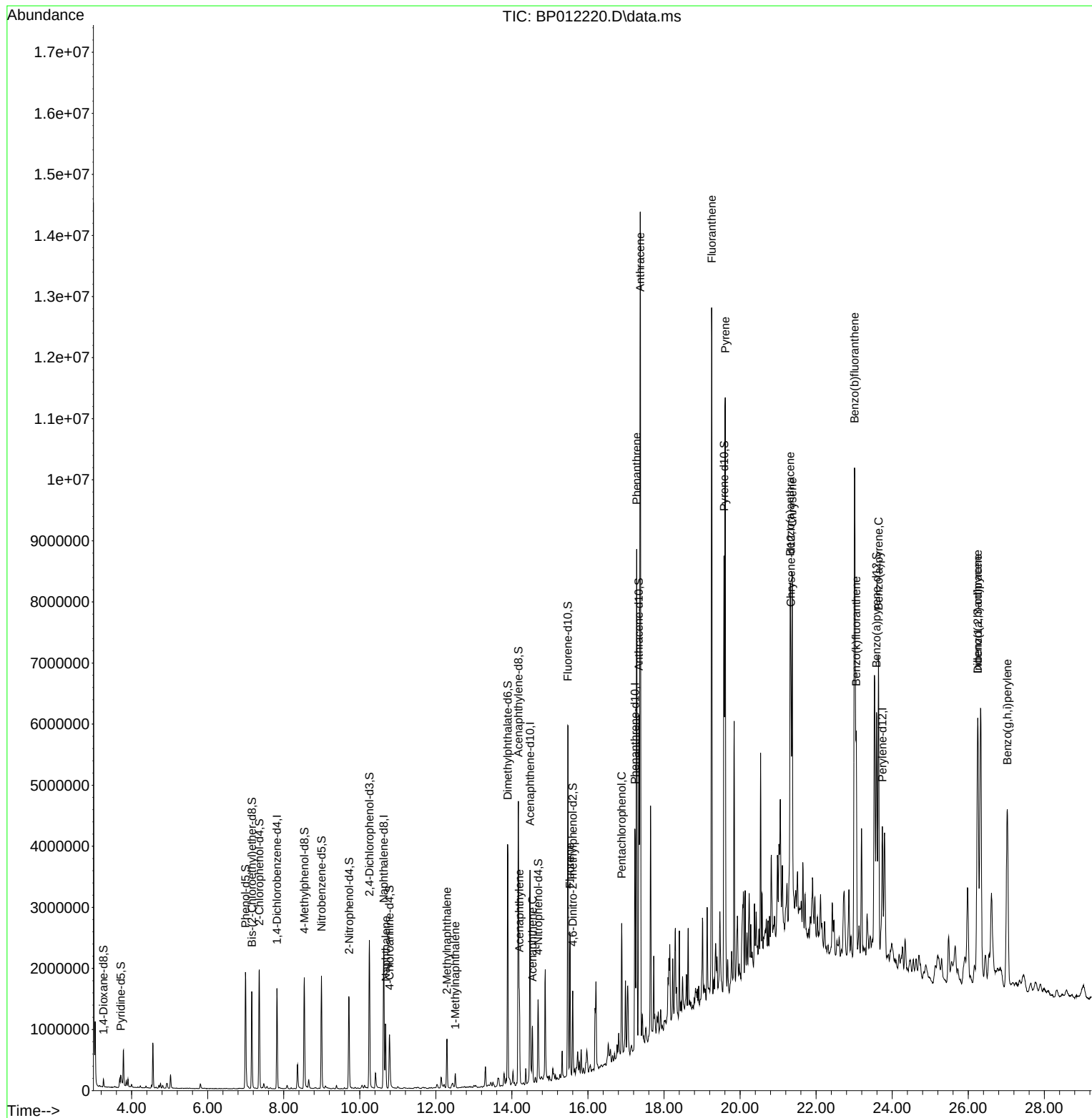
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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 Operator : CG/JU
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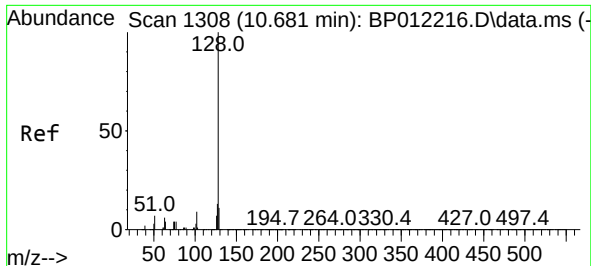
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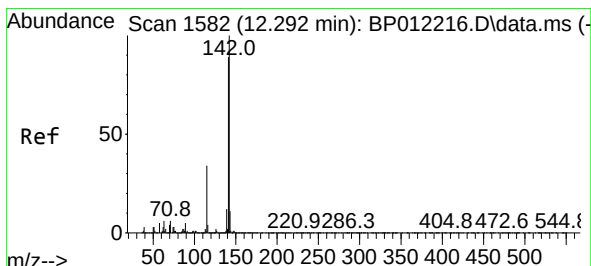
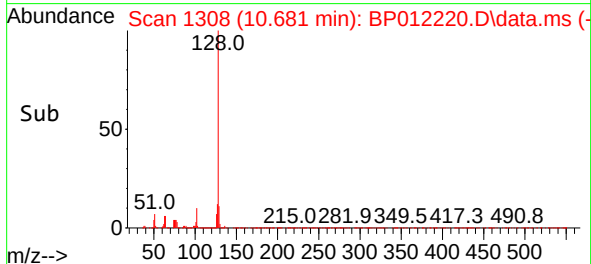
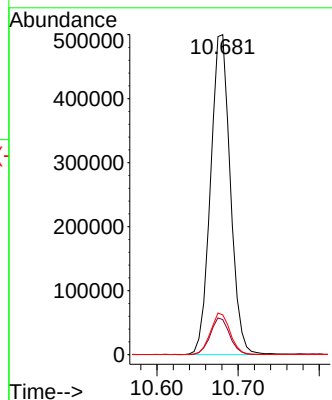
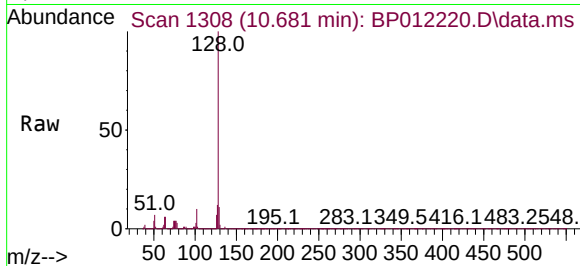
#30
Naphthalene
Concen: 8.044 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

Instrument :
BNA_P
ClientSampleId :
DBWK1

Tgt Ion:128 Resp: 845256
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.4 10.2 15.4

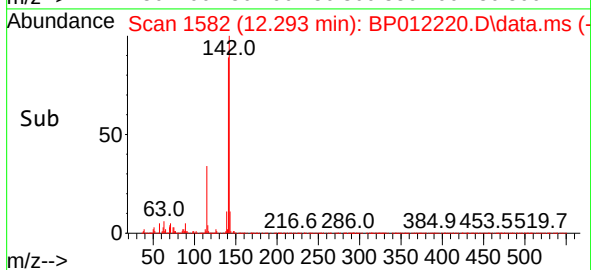
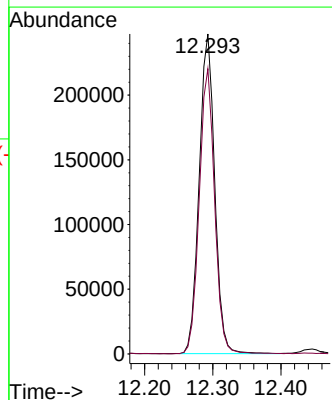
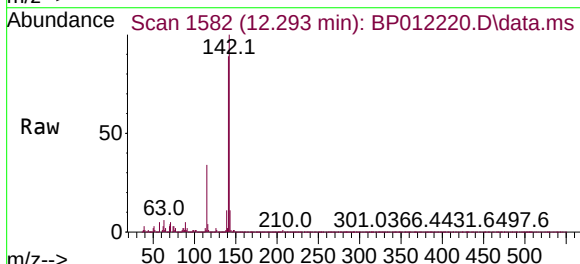
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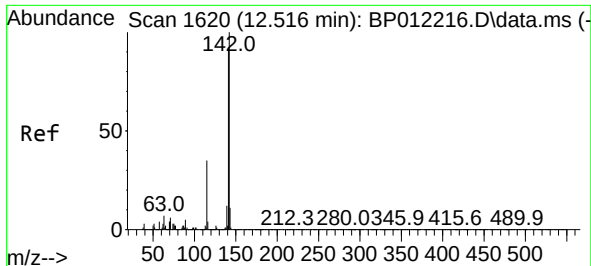
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#36
2-Methylnaphthalene
Concen: 5.480 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

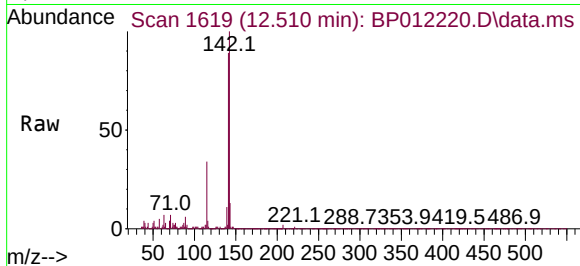
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Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5





#37
1-Methylnaphthalene
Concen: 1.547 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

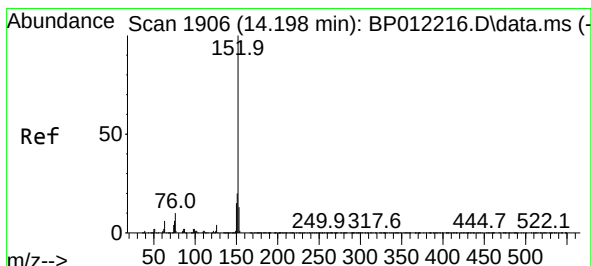
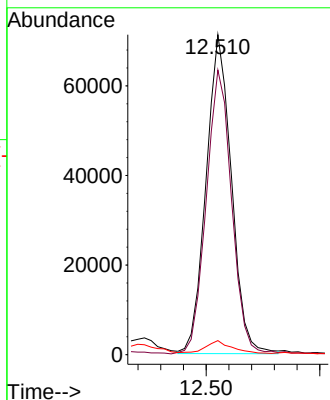
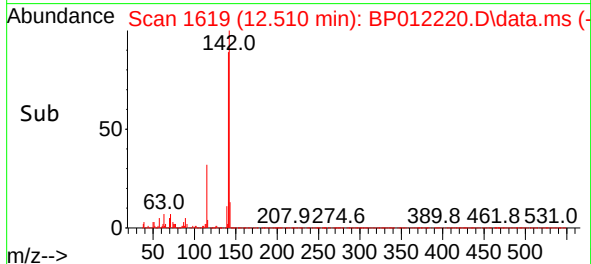
Instrument :
BNA_P
ClientSampleId :
DBWK1



Tgt Ion:142 Resp: 110409
Ion Ratio Lower Upper
142 100
141 88.9 73.4 110.0
116 4.4 3.0 4.4

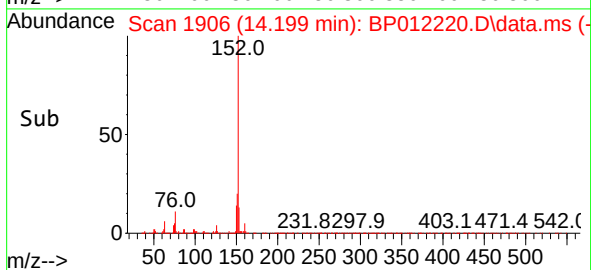
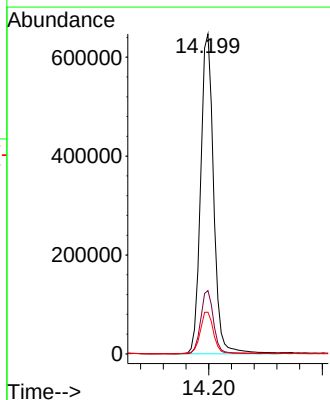
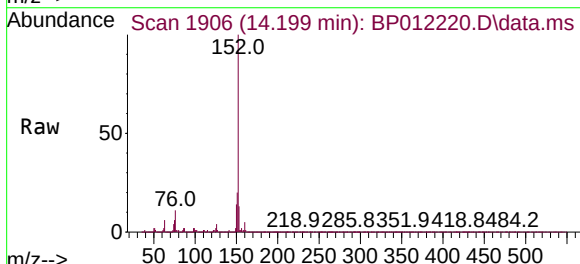
Manual Integrations
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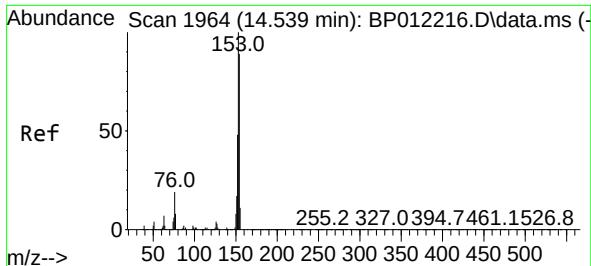
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#50
Acenaphthylene
Concen: 9.667 ng/ul
RT: 14.199 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

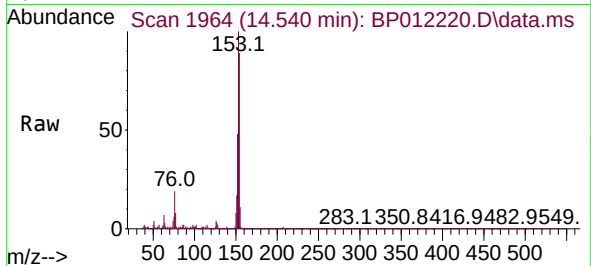
Tgt Ion:152 Resp: 1027863
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.6 16.0





#52
Acenaphthene
Concen: 5.182 ng/ul
RT: 14.540 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

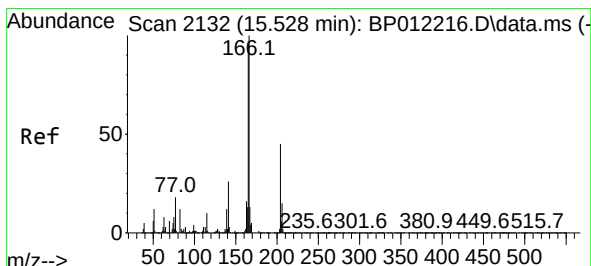
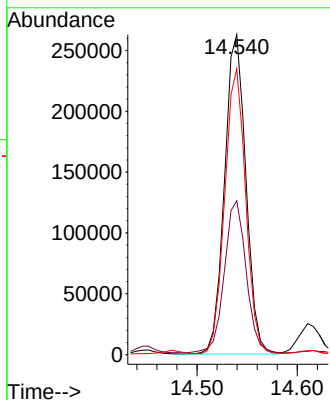
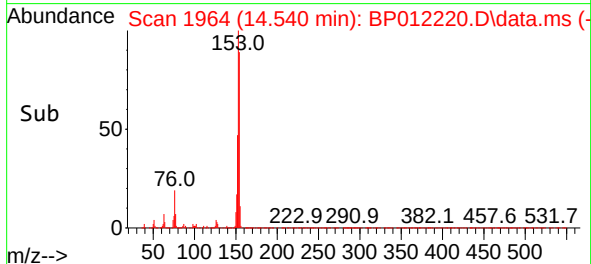
Instrument :
BNA_P
ClientSampleId :
DBWK1



Tgt Ion:153 Resp: 389675
Ion Ratio Lower Upper
153 100
152 48.1 38.1 57.1
154 89.3 71.4 107.2

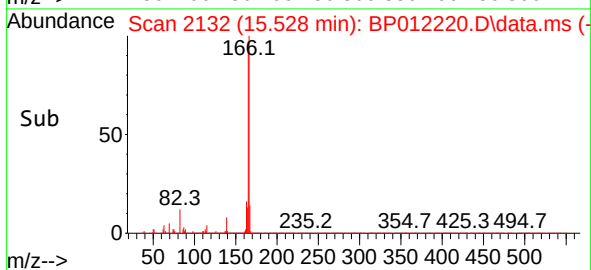
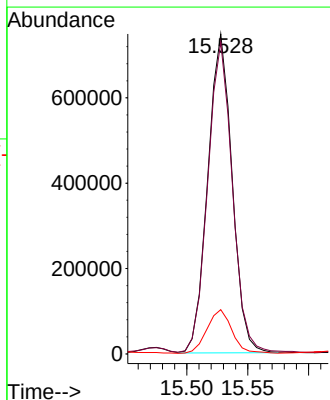
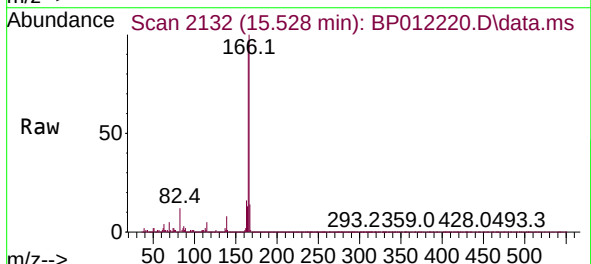
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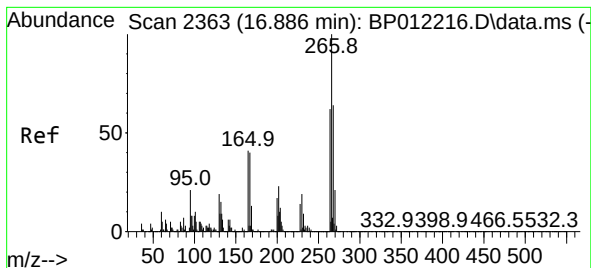
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#61
Fluorene
Concen: 12.754 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

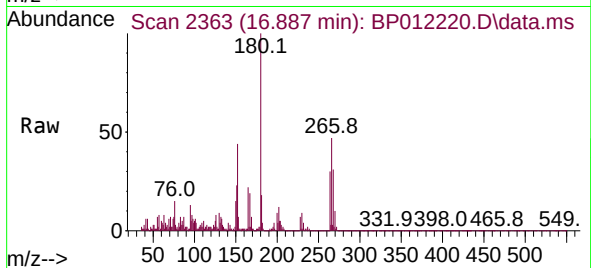
Tgt Ion:166 Resp: 1040150
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.8 10.7 16.1





#71
Pentachlorophenol
Concen: 13.526 ng/ul
RT: 16.887 min Scan# 2363
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

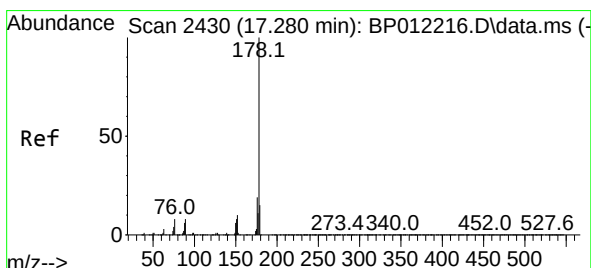
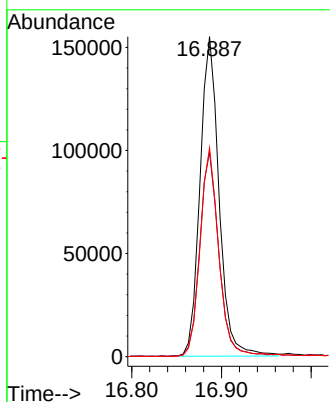
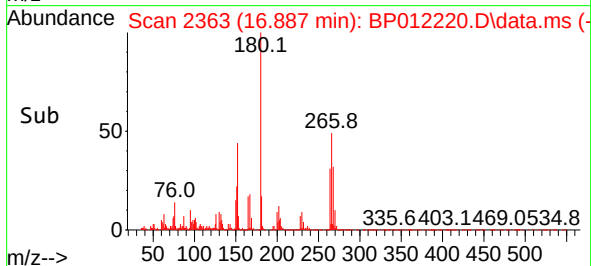
Instrument :
BNA_P
ClientSampleId :
DBWK1



Tgt Ion:266 Resp: 229029
Ion Ratio Lower Upper
266 100
264 63.8 50.1 75.1
268 65.3 50.6 76.0

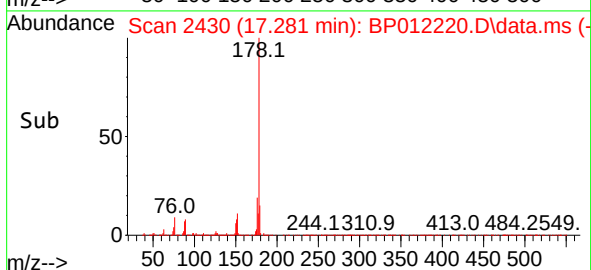
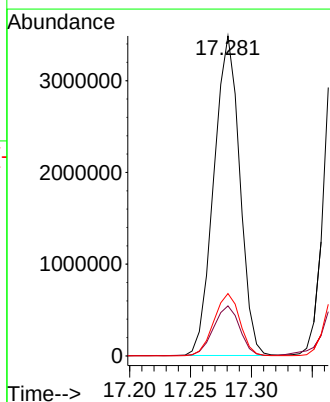
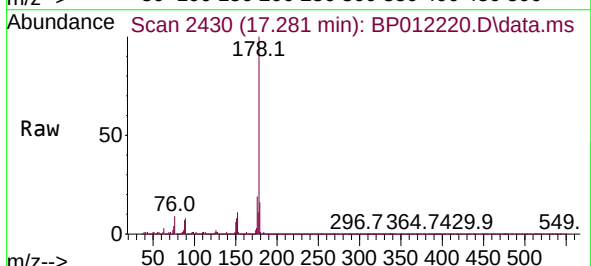
Manual Integrations
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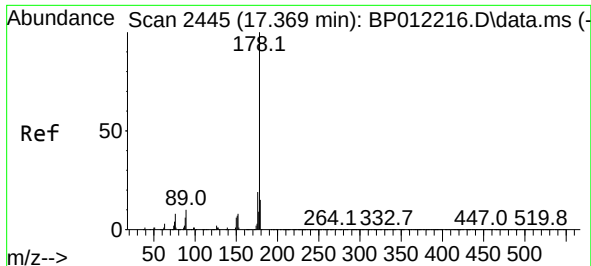
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#72
Phenanthrene
Concen: 42.777 ng/ul
RT: 17.281 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

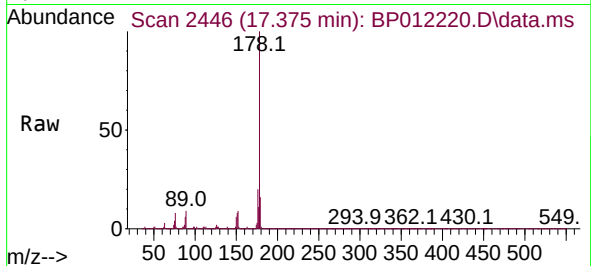
Tgt Ion:178 Resp: 5167538
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.5 15.6 23.4





#74
 Anthracene
 Concen: 75.197 ng/ul
 RT: 17.375 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BP012220.D
 Acq: 20 Oct 2022 18:49

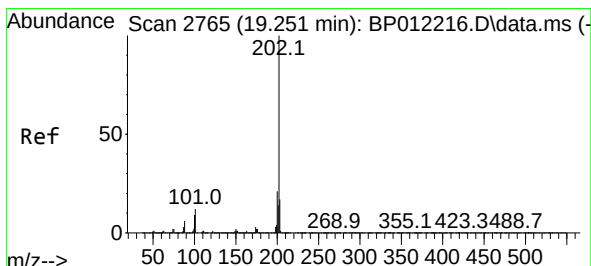
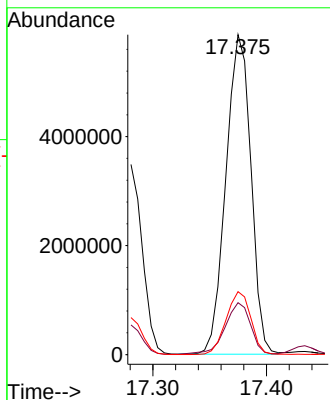
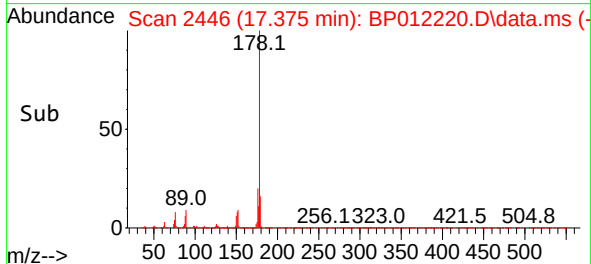
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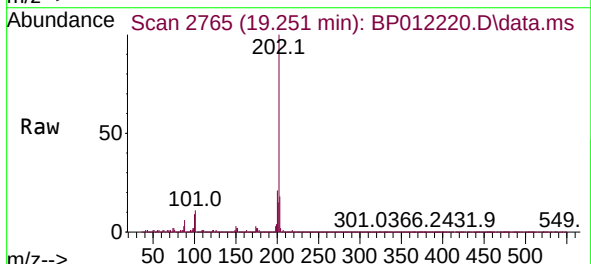
Tgt Ion:178 Resp: 8987869
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.3 18.5
 176 19.7 15.0 22.4

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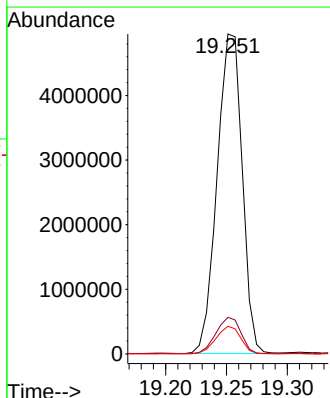
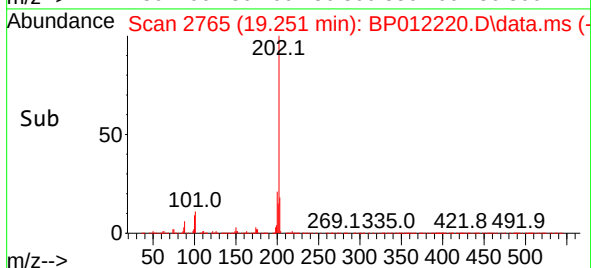
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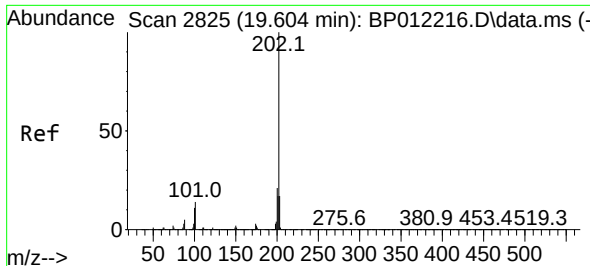


#80
 Fluoranthene
 Concen: 69.025 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BP012220.D
 Acq: 20 Oct 2022 18:49



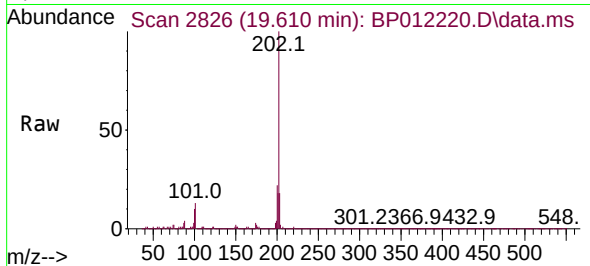
Tgt Ion:202 Resp: 7092636
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.4 15.6
 100 8.6 7.7 11.5





#82
Pyrene
Concen: 59.648 ng/ul
RT: 19.610 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

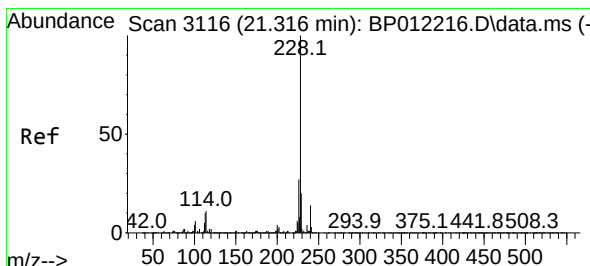
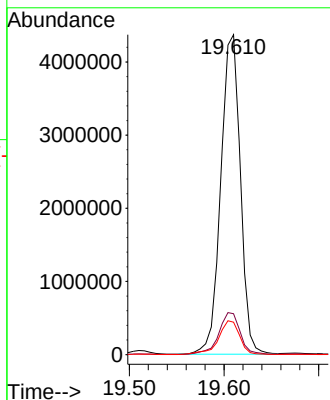
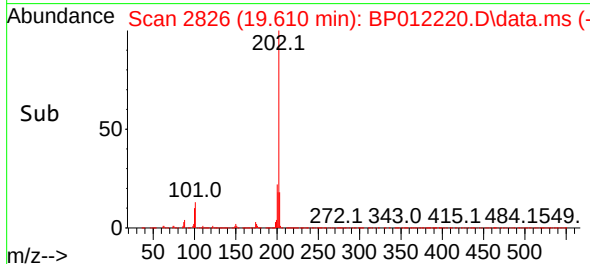
Instrument :
BNA_P
ClientSampleId :
DBWK1



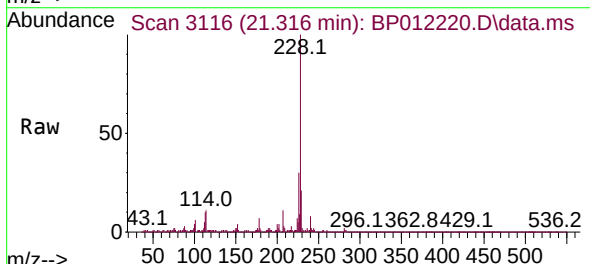
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Ion Ratio Lower Upper
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101 12.8 12.3 18.5
100 10.2 10.0 15.0

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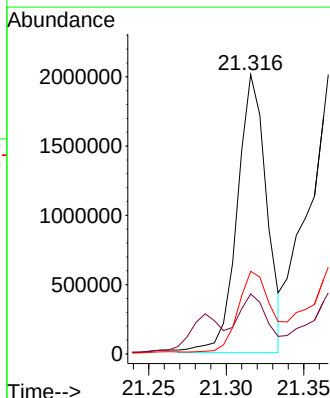
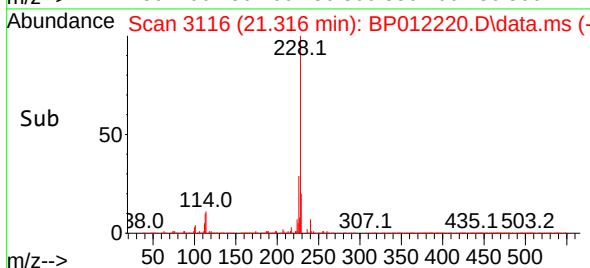
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

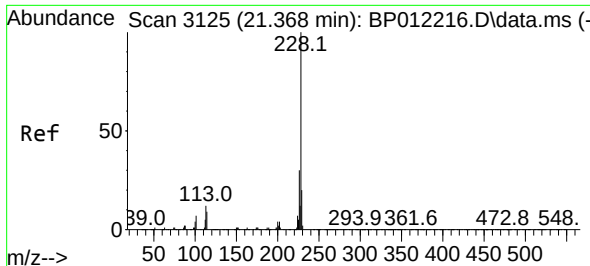


#85
Benzo(a)anthracene
Concen: 28.027 ng/ul
RT: 21.316 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49



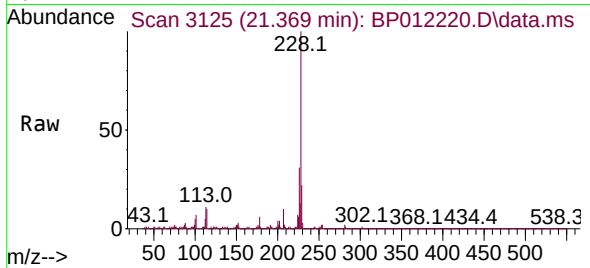
Tgt Ion:228 Resp: 2667866
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 29.6 21.9 32.9





#87
Chrysene
Concen: 42.070 ng/ul
RT: 21.369 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

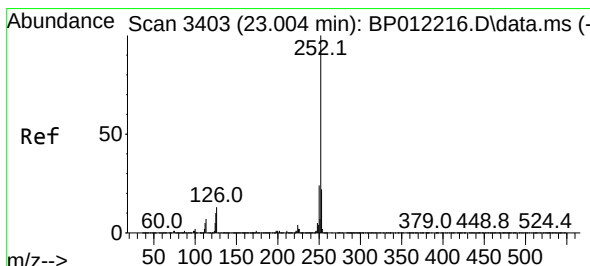
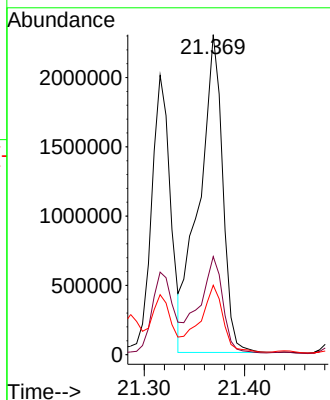
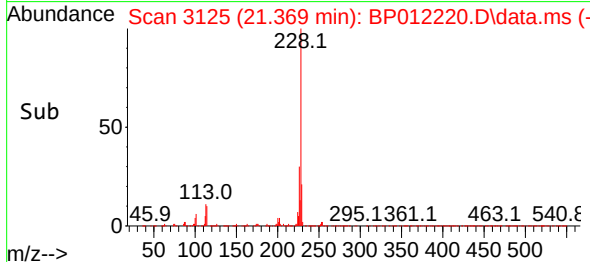
Instrument :
BNA_P
ClientSampleId :
DBWK1



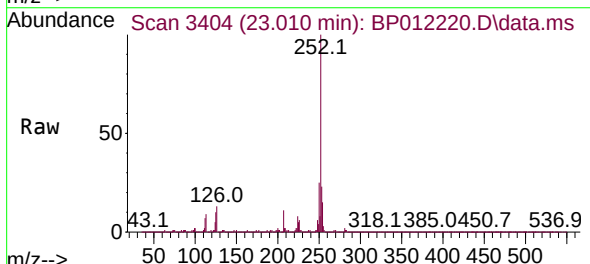
Tgt Ion:228 Resp: 3737046
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 21.7 15.8 23.8

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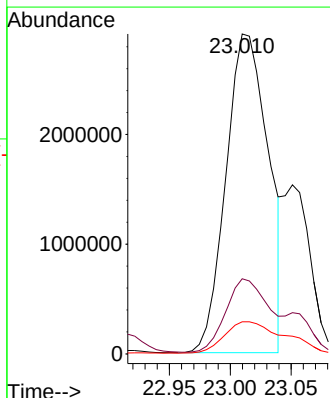
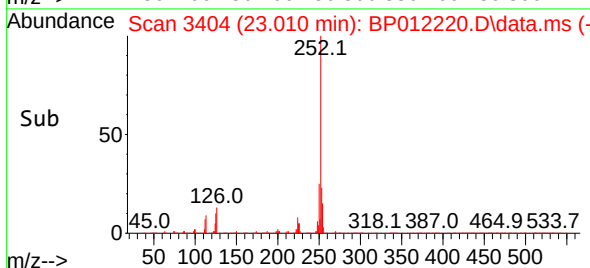
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022

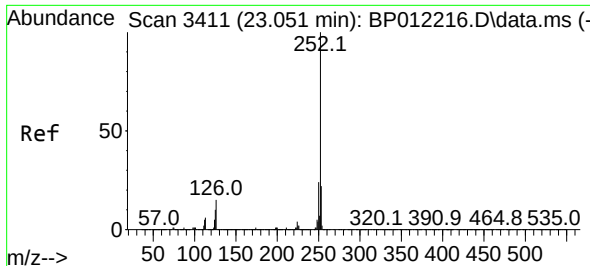


#90
Benzo(b)fluoranthene
Concen: 63.013 ng/ul
RT: 23.010 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49



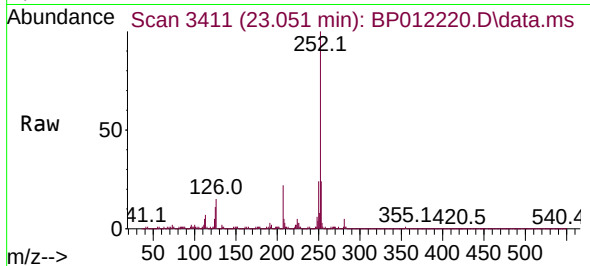
Tgt Ion:252 Resp: 7045296
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.0 8.5 12.7





#91
Benzo(k)fluoranthene
Concen: 21.232 ng/ul m
RT: 23.051 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

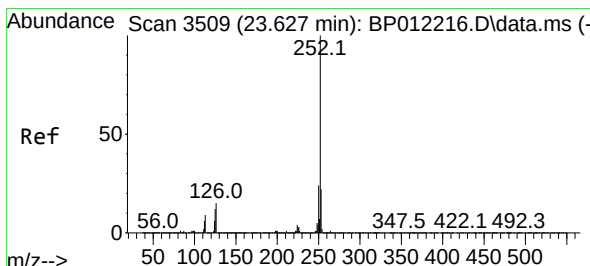
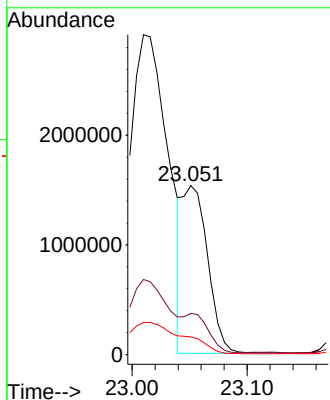
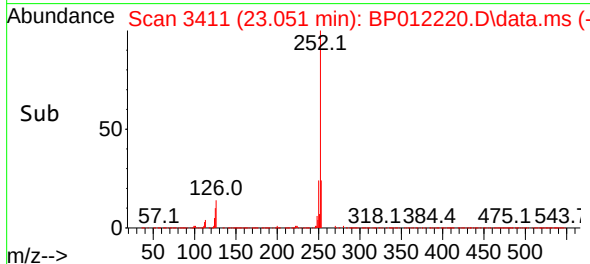
Instrument :
BNA_P
ClientSampleId :
DBWK1



Tgt Ion:252 Resp: 2340026
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 10.5 8.6 13.0

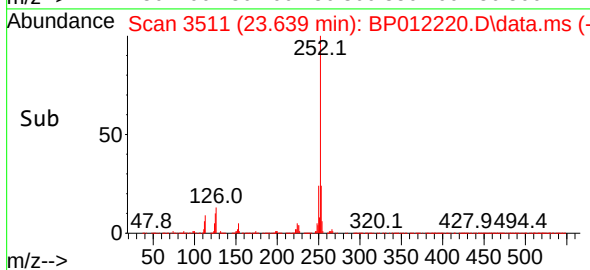
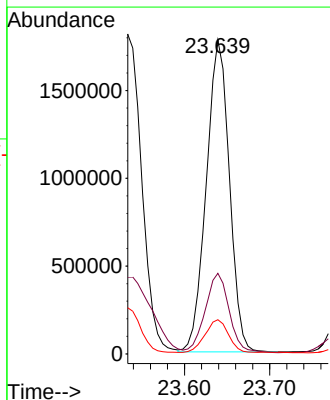
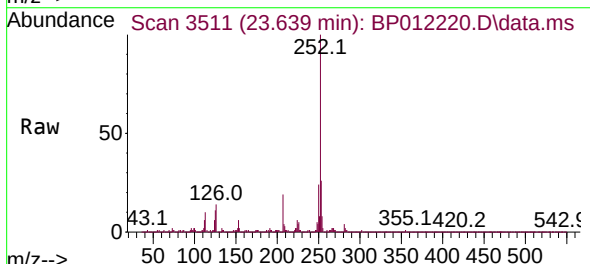
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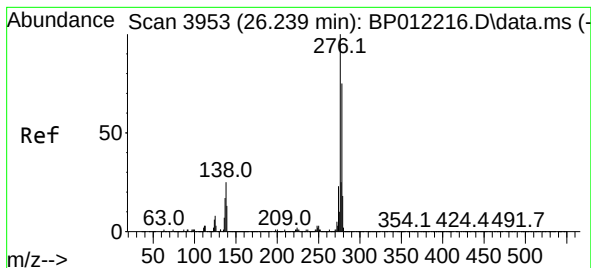
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 34.976 ng/ul
RT: 23.639 min Scan# 3511
Delta R.T. 0.006 min
Lab File: BP012220.D
Acq: 20 Oct 2022 18:49

Tgt Ion:252 Resp: 3344107
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 10.9 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 43.069 ng/ul

RT: 26.251 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP012220.D

Acq: 20 Oct 2022 18:49

Instrument :

BNA_P

ClientSampleId :

DBWK1

Tgt Ion:276 Resp: 4766940

Ion Ratio Lower Upper

276 100

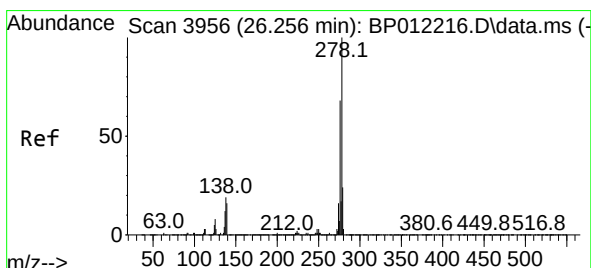
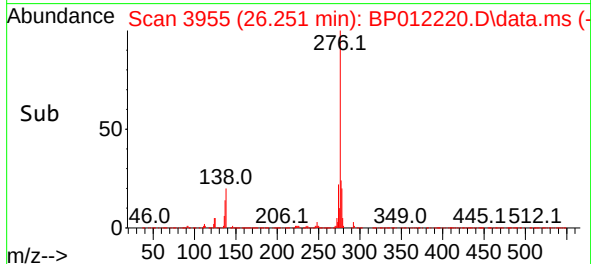
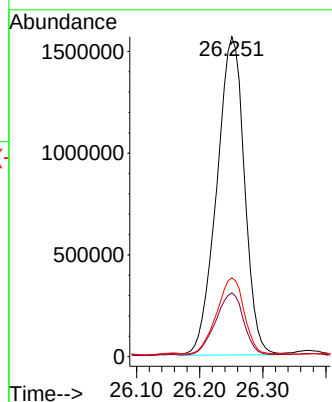
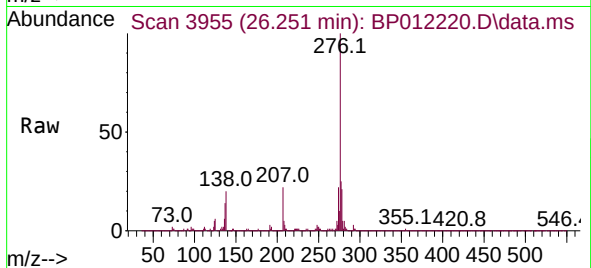
138 19.9 20.3 30.5

277 24.6 20.2 30.4

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 11.208 ng/ul

RT: 26.251 min Scan# 3955

Delta R.T. -0.012 min

Lab File: BP012220.D

Acq: 20 Oct 2022 18:49

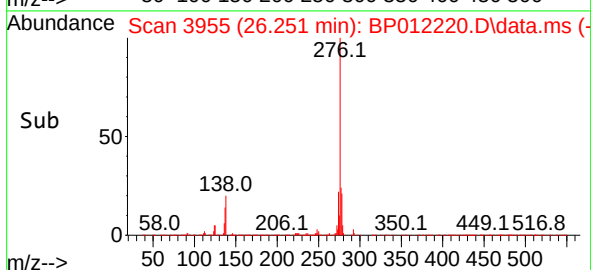
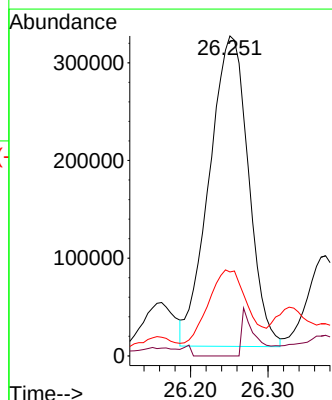
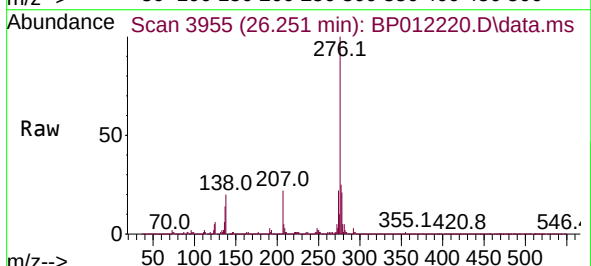
Tgt Ion:278 Resp: 1118366

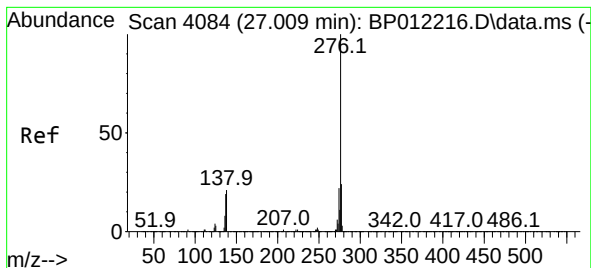
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3

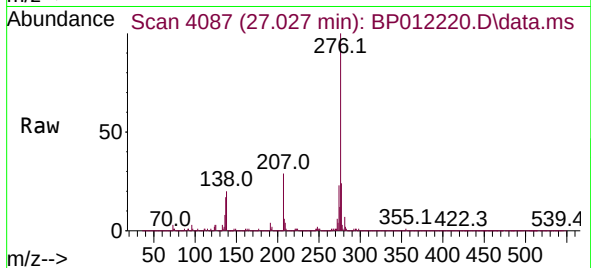
279 26.2 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 40.463 ng/ul
 RT: 27.027 min Scan# 4087
 Delta R.T. 0.018 min
 Lab File: BP012220.D
 Acq: 20 Oct 2022 18:49

Instrument :
 BNA_P
 ClientSampleId :
 DBWK1



Tgt Ion: 276 Resp: 4205023
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.9 26.9
 277 23.9 18.9 28.3

Manual Integrations
 APPROVED

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

