

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015405.D
 Acq On : 07 Jun 2023 18:41
 Operator : MA/JU
 Sample : 02950-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW984

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 08 00:54:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	104791	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	472344	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.746	164	321761	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	711446	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	637631	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	654765	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	15886	5.614	ng/uL	0.00
4) Pyridine-d5	3.893	84	15462m	2.103	ng/u1	0.04
7) Phenol-d5	7.252	99	300497	31.127	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	204254	35.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	249805	35.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	236779	29.884	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	134584	36.292	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	152378	35.981	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	259053	33.533	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	243368	21.947	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	987927	38.936	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	1084291	39.082	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	108850	23.956	ng/u1	0.00
60) Fluorene-d10	15.734	176	844384	39.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	118074	26.198	ng/u1	0.00
73) Anthracene-d10	17.598	188	1365459	42.183	ng/u1	0.00
81) Pyrene-d10	19.822	212	1657995	48.583	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1501227	45.695	ng/u1	0.00
Target Compounds	Qvalue					
8) Phenol	7.281	94	22732	2.282	ng/u1	96
16) Acetophenone	8.934	105	161331	12.759	ng/u1	98
30) Naphthalene	10.975	128	54728	2.138	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	193770	10.769	ng/u1	97
37) 1-Methylnaphthalene	12.793	142	286086	15.791	ng/u1	99
50) Acenaphthylene	14.469	152	98341	3.201	ng/u1#	87
52) Acenaphthene	14.804	153	421401	19.842	ng/u1	99
56) Dibenzofuran	15.145	168	66480	2.209	ng/u1	96
61) Fluorene	15.793	166	348252	14.192	ng/u1	100
72) Phenanthrene	17.545	178	2657139	69.597	ng/u1	100
74) Anthracene	17.634	178	744081	19.208	ng/u1	99
80) Fluoranthene	19.498	202	1287701	30.977	ng/u1	99
82) Pyrene	19.851	202	1875668	43.613	ng/u1	99
85) Benzo(a)anthracene	21.563	228	792922m	17.788	ng/u1	
87) Chrysene	21.622	228	844876	20.052	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	442955	10.480	ng/u1#	95
91) Benzo(k)fluoranthene	23.398	252	123164m	3.015	ng/u1	
93) Benzo(a)pyrene	24.021	252	453069	12.295	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	140244	2.941	ng/u1	98
95) Dibenzo(a,h)anthracene	26.845	278	57355	1.476	ng/u1#	84
96) Benzo(g,h,i)perylene	27.668	276	126009	3.206	ng/u1	96

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

Instrument :

BNA_P

ClientSampleId :

EW984

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2023

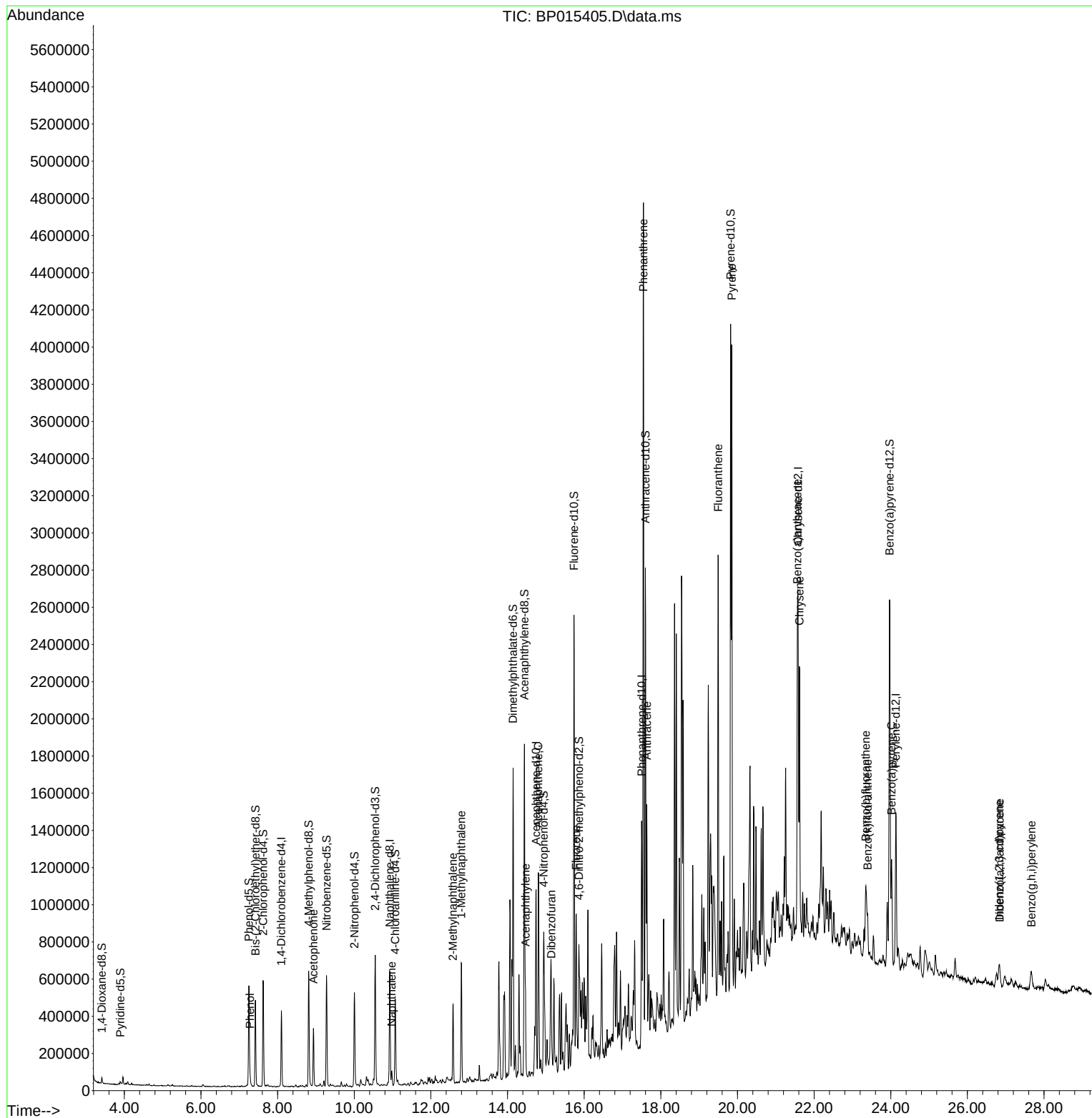
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015405.D
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Sample : 02950-07
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ALS Vial : 11 Sample Multiplier: 1

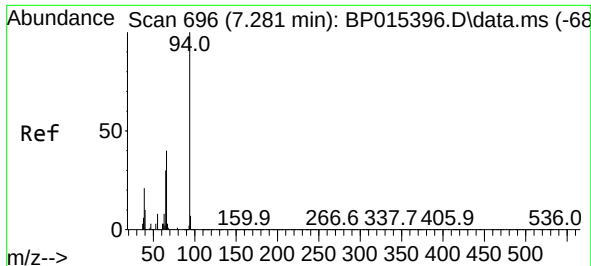
Instrument :
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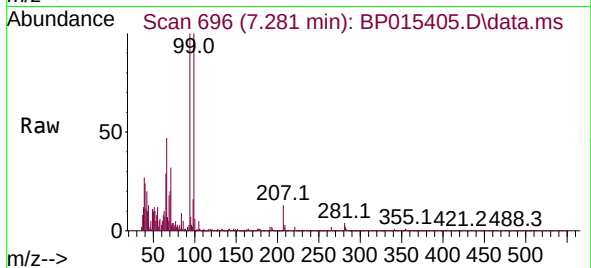
Quant Time: Jun 08 00:54:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration





#8
Phenol
Concen: 2.282 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

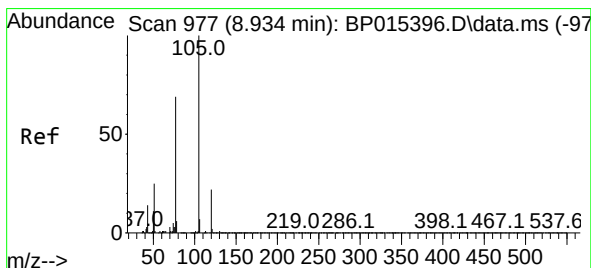
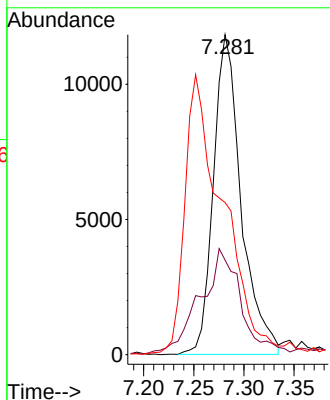
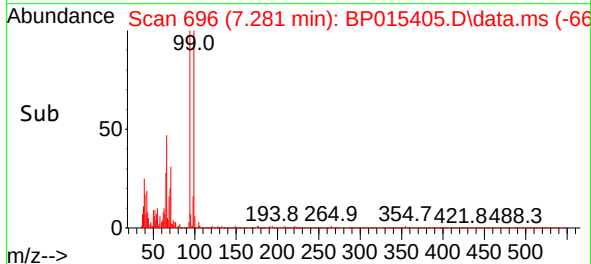
Instrument :
BNA_P
ClientSampleId :
EW984



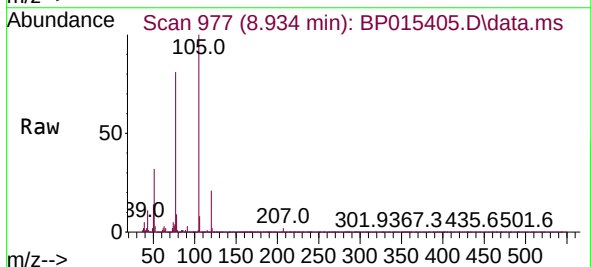
Tgt Ion: 94 Resp: 22732
Ion Ratio Lower Upper
94 100
65 29.5 23.5 35.3
66 47.5 34.2 51.4

Manual Integrations
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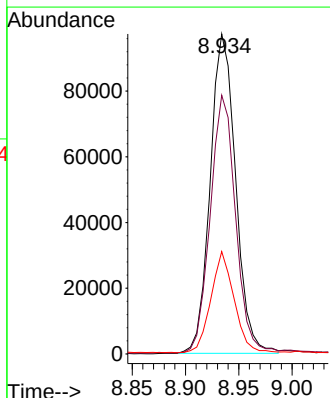
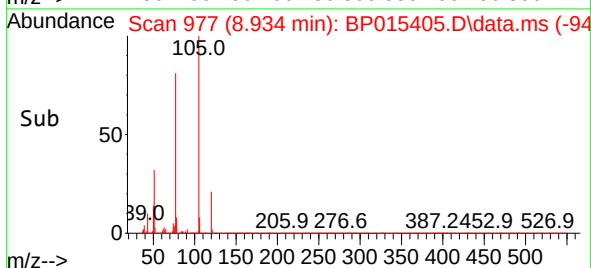
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

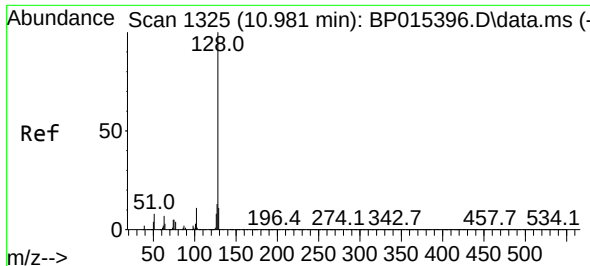


#16
Acetophenone
Concen: 12.759 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41



Tgt Ion:105 Resp: 161331
Ion Ratio Lower Upper
105 100
77 80.8 64.9 97.3
51 32.0 23.5 35.3





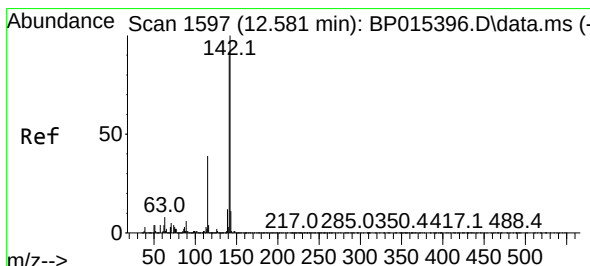
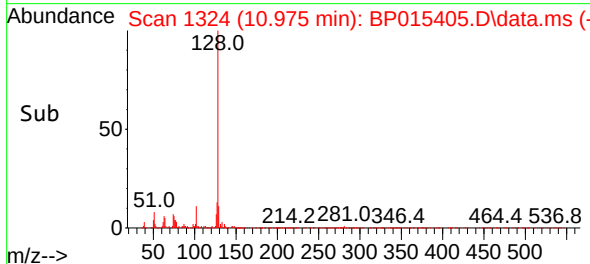
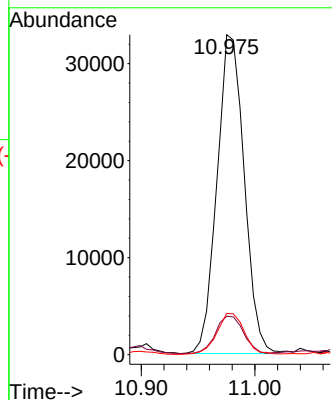
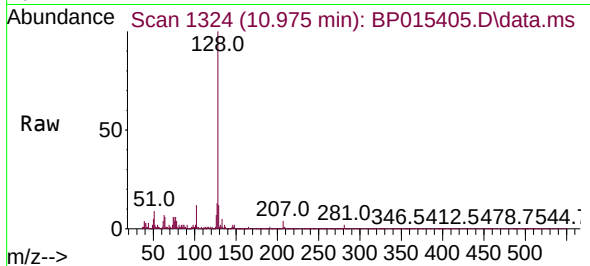
#30
Naphthalene
Concen: 2.138 ng/ul
RT: 10.975 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 54728
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 12.9 10.5 15.7

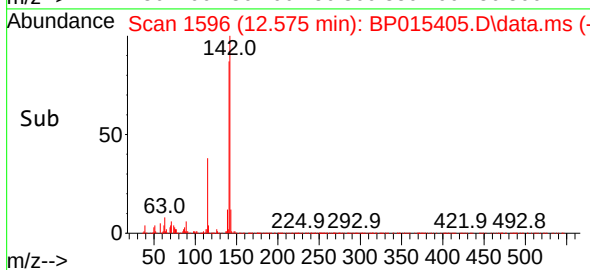
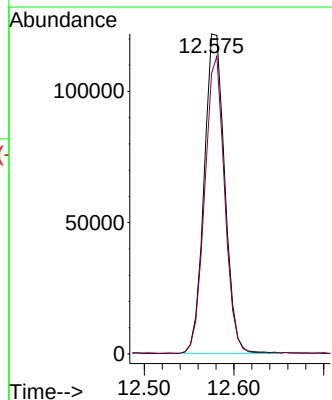
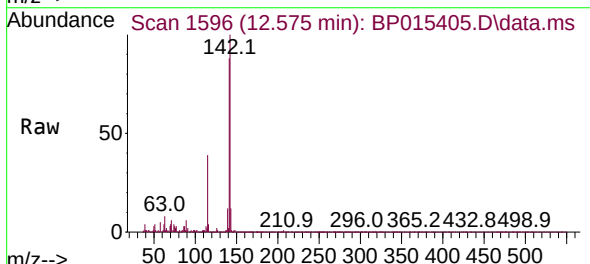
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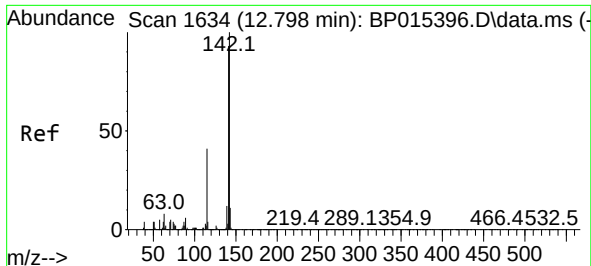
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#36
2-Methylnaphthalene
Concen: 10.769 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

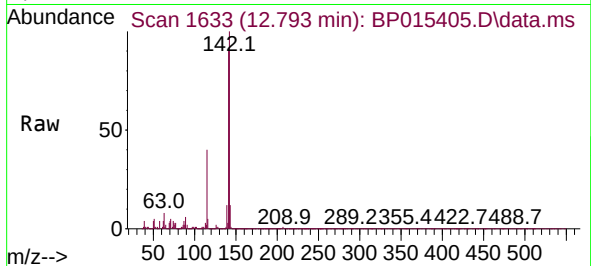
Tgt Ion:142 Resp: 193770
Ion Ratio Lower Upper
142 100
141 87.6 72.0 108.0





#37
1-Methylnaphthalene
Concen: 15.791 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

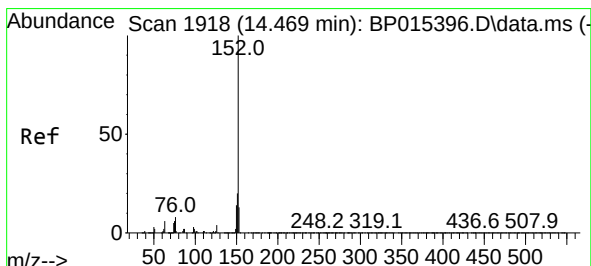
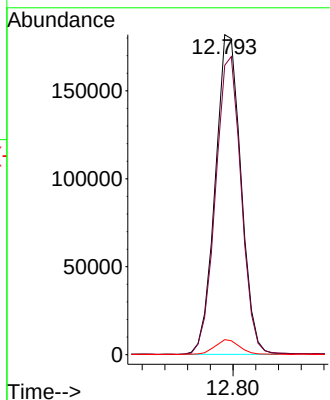
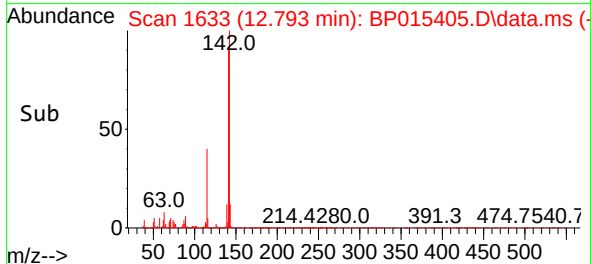
Instrument :
BNA_P
ClientSampleId :
EW984



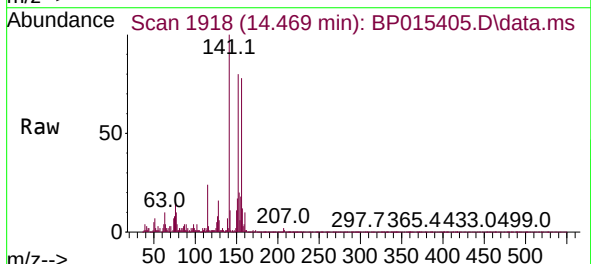
Tgt Ion:142 Resp: 286080
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9
116 4.7 3.4 5.2

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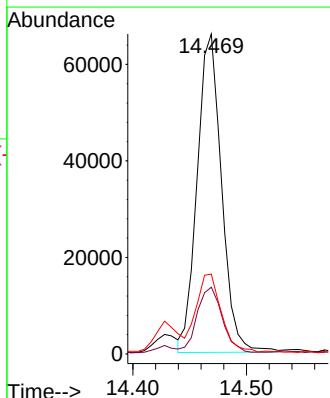
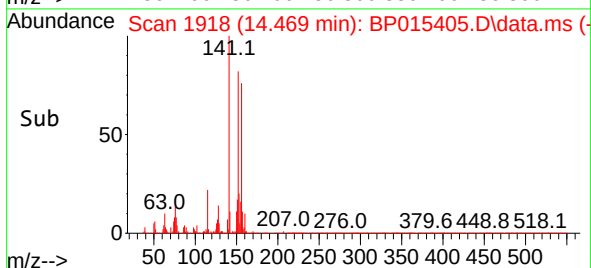
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

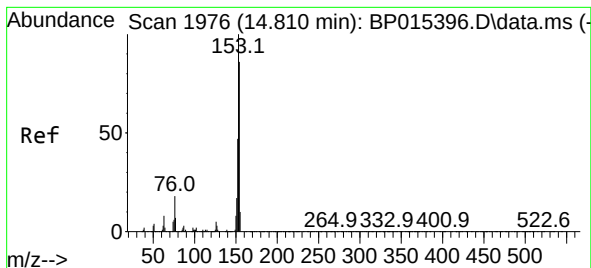


#50
Acenaphthylene
Concen: 3.201 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41



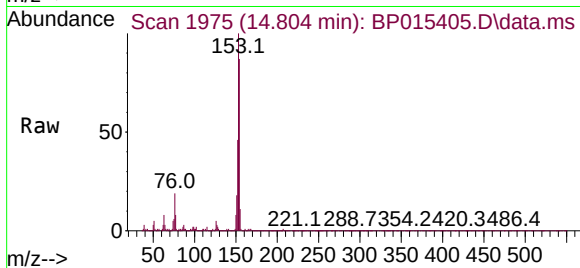
Tgt Ion:152 Resp: 98341
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 25.0 10.6 15.8





#52
Acenaphthene
Concen: 19.842 ng/u1
RT: 14.804 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

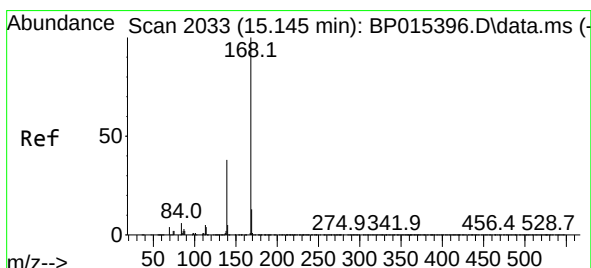
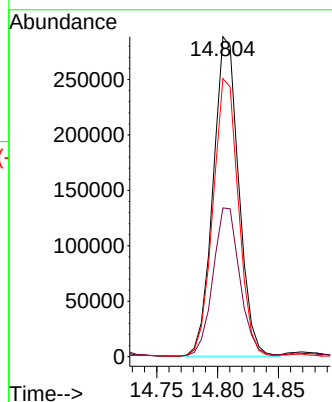
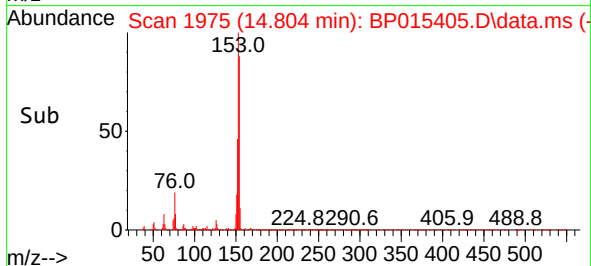
Instrument :
BNA_P
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EW984



Tgt Ion:153 Resp: 42140
Ion Ratio Lower Upper
153 100
152 46.5 38.3 57.5
154 86.9 69.8 104.6

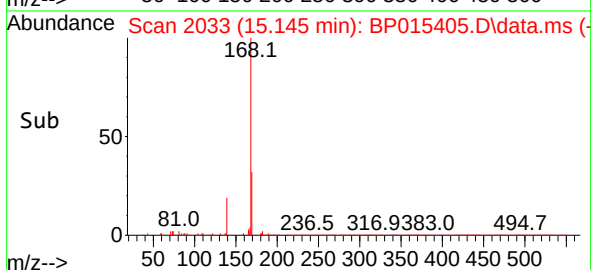
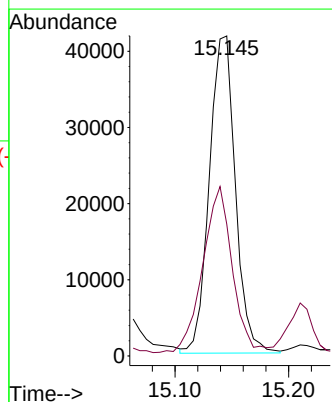
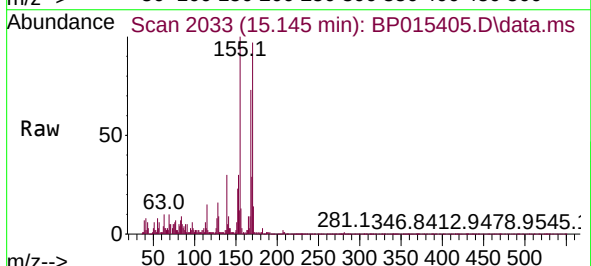
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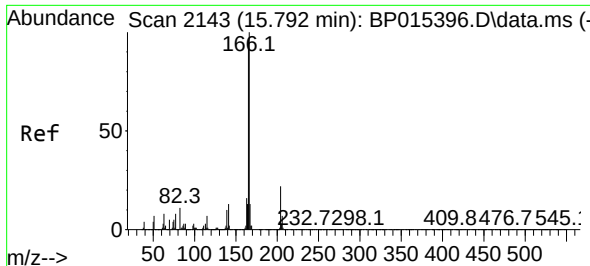
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#56
Dibenzofuran
Concen: 2.209 ng/u1
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP015405.D
Acq: 07 Jun 2023 18:41

Tgt Ion:168 Resp: 66480
Ion Ratio Lower Upper
168 100
139 41.2 31.2 46.8





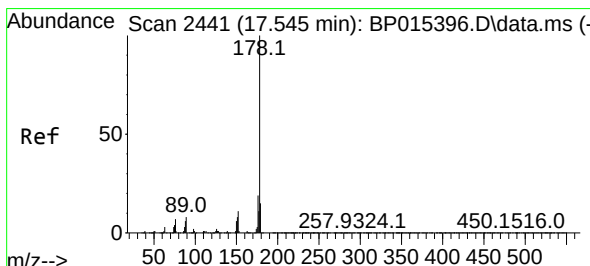
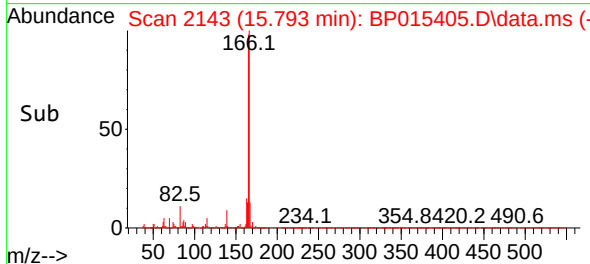
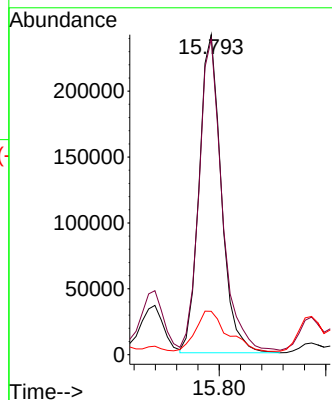
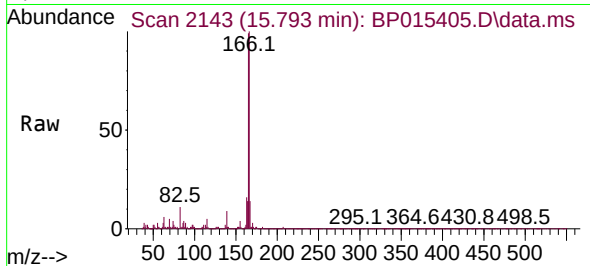
#61
Fluorene
Concen: 14.192 ng/ul
RT: 15.793 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015405.D
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Tgt Ion:166 Resp: 34825
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.5 10.6 16.0

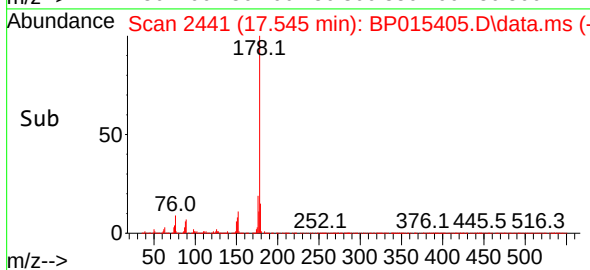
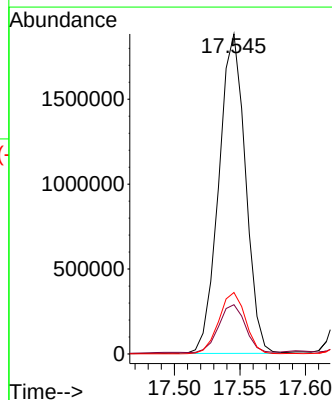
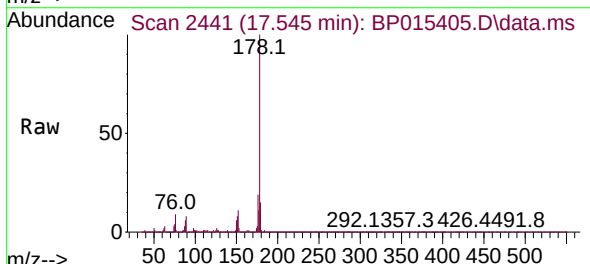
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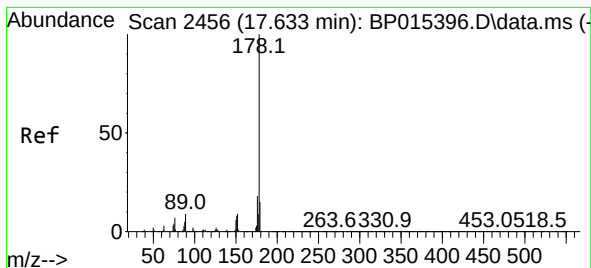
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#72
Phenanthrene
Concen: 69.597 ng/ul
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BP015405.D
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Tgt Ion:178 Resp: 2657139
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.4 23.0





#74

Anthracene

Concen: 19.208 ng/ul

RT: 17.634 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Instrument :

BNA_P

ClientSampleId :

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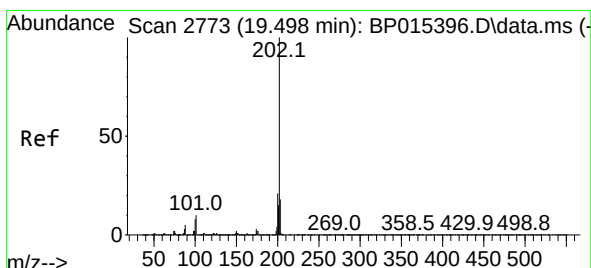
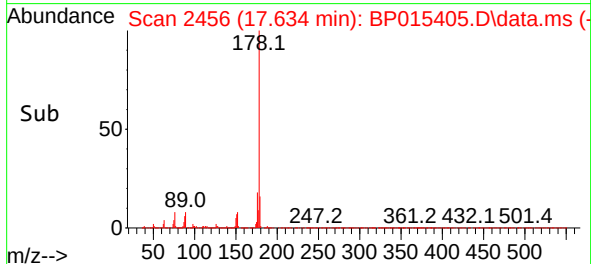
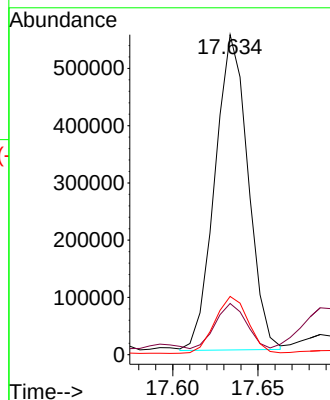
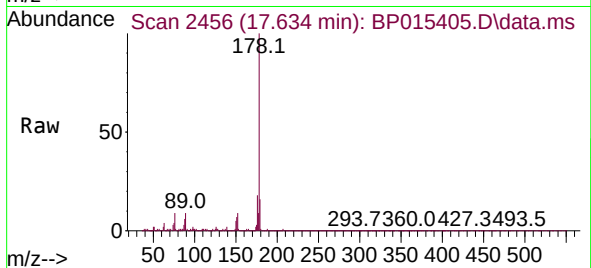
Tgt Ion:178	Resp: 74408
Ion Ratio	Lower Upper
178 100	
179 16.0	12.4 18.6
176 18.2	15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2023



#80

Fluoranthene

Concen: 30.977 ng/ul

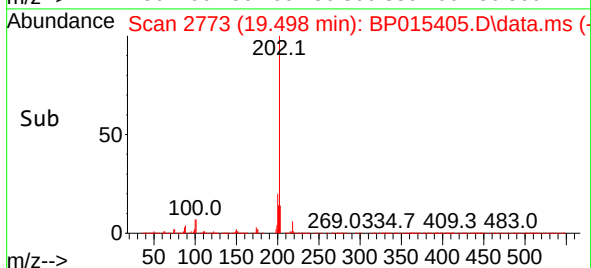
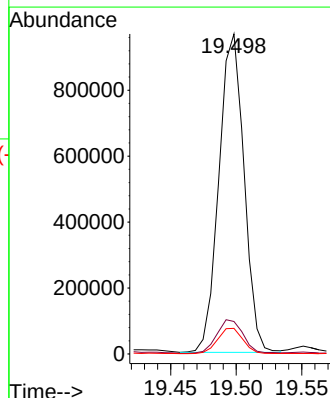
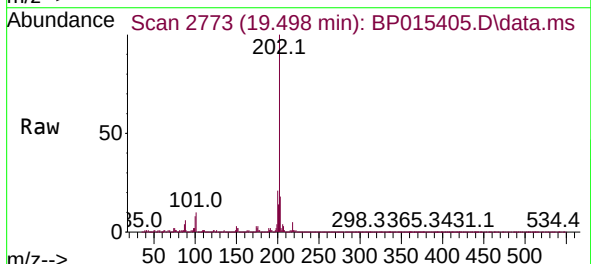
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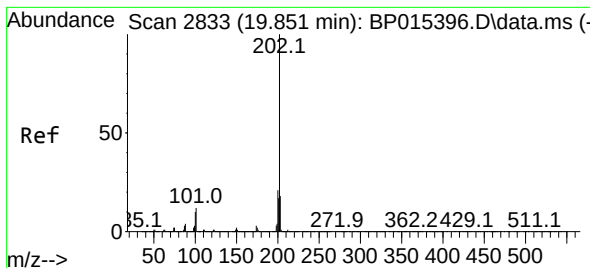
Delta R.T. 0.000 min

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Tgt Ion:202	Resp: 1287701
Ion Ratio	Lower Upper
202 100	
101 10.1	8.6 13.0
100 8.0	6.6 9.8





#82

Pyrene

Concen: 43.613 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

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Tgt Ion:202 Resp: 187566

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

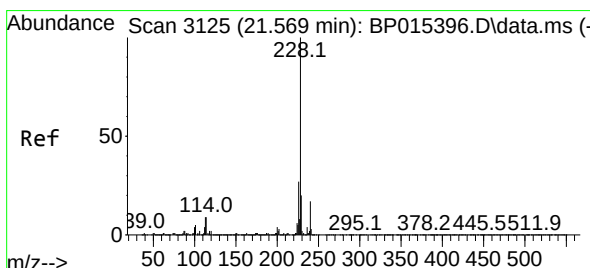
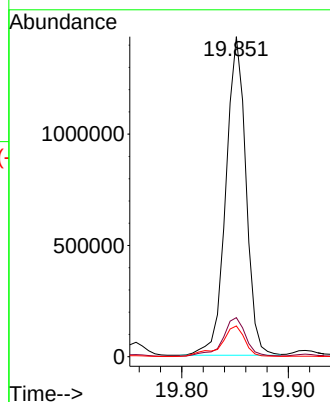
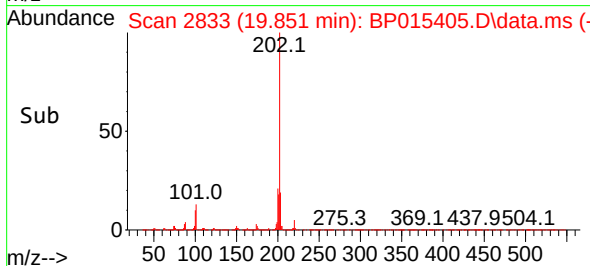
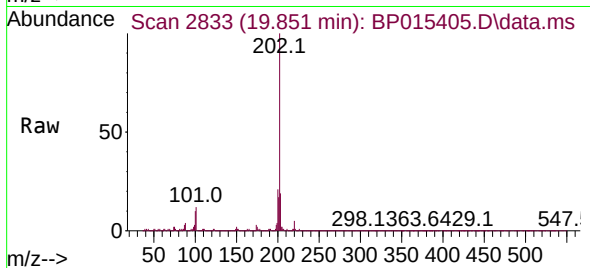
100 9.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#85

Benzo(a)anthracene

Concen: 17.788 ng/ul m

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

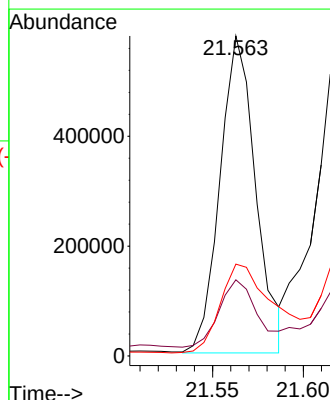
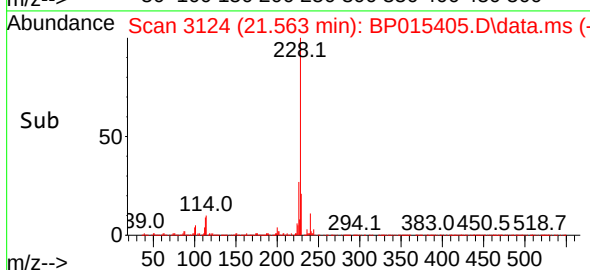
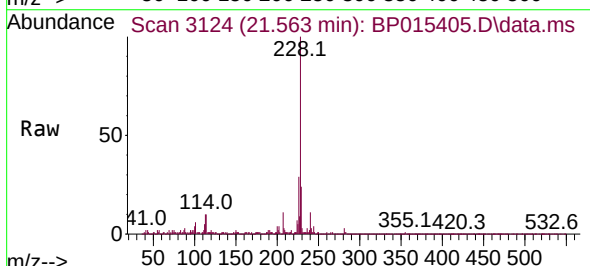
Tgt Ion:228 Resp: 792922

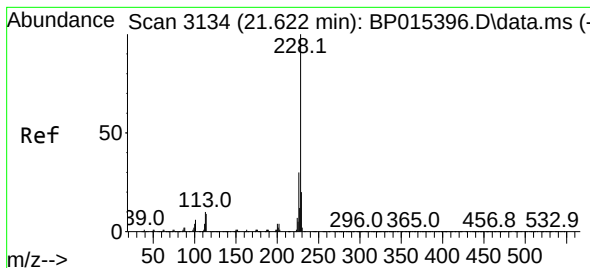
Ion Ratio Lower Upper

228 100

229 23.8 15.8 23.6#

226 28.7 21.8 32.6





#87

Chrysene

Concen: 20.052 ng/ul

RT: 21.622 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Instrument :

BNA_P

ClientSampleId :

EW984

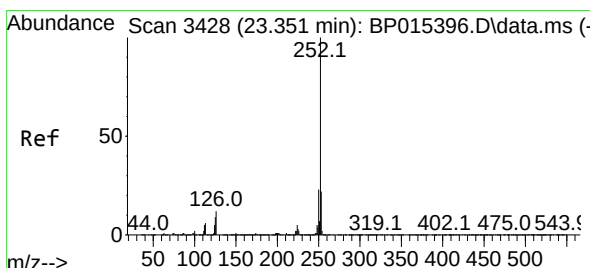
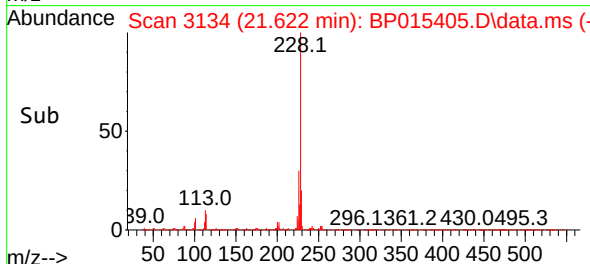
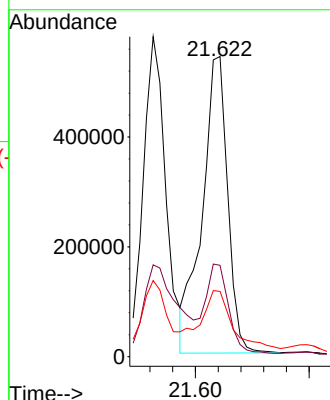
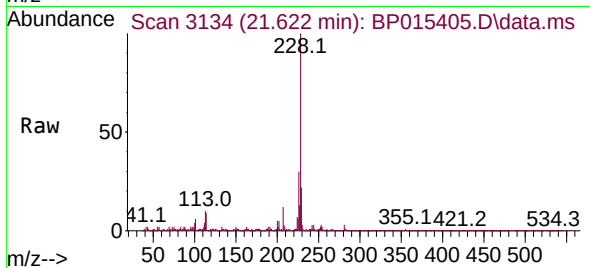
Tgt Ion:	228	Resp:	844870
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.9	35.9
229	21.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#90

Benzo(b)fluoranthene

Concen: 10.480 ng/ul

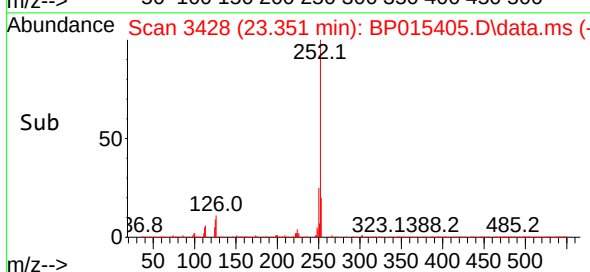
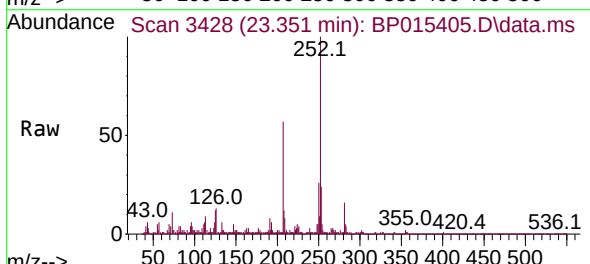
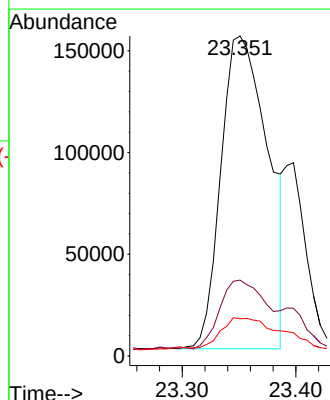
RT: 23.351 min Scan# 3428

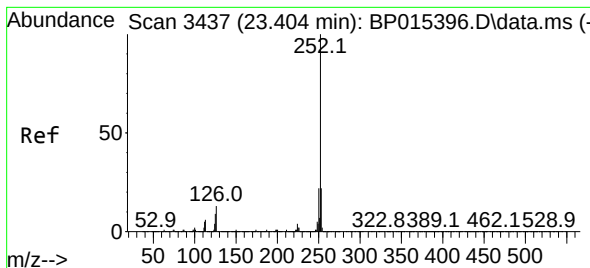
Delta R.T. 0.000 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Tgt Ion:	252	Resp:	442955
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	11.6	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 3.015 ng/ul m

RT: 23.398 min Scan# 3437

Delta R.T. -0.006 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Instrument :

BNA_P

ClientSampleId :

EW984

Tgt Ion:252 Resp: 123164

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

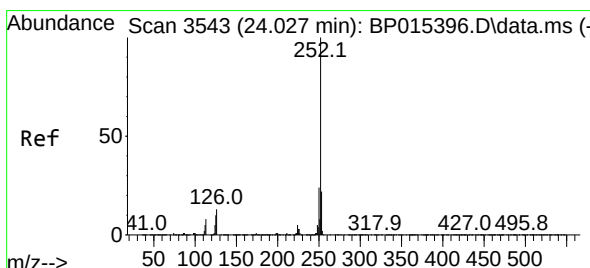
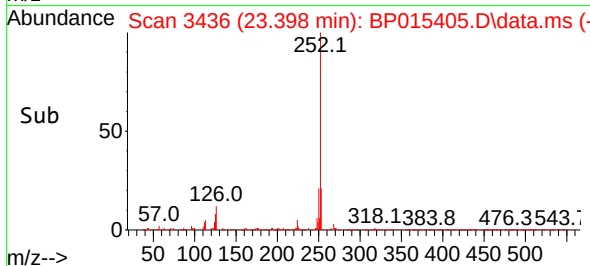
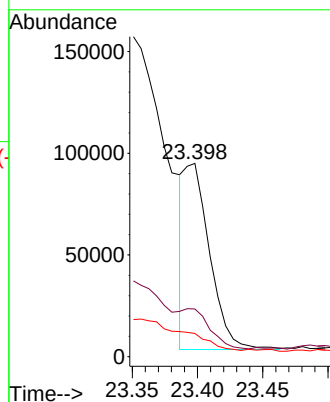
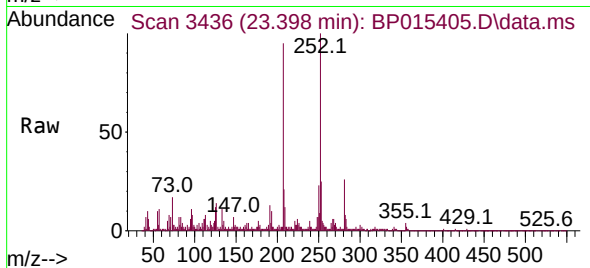
125 12.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#93

Benzo(a)pyrene

Concen: 12.295 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

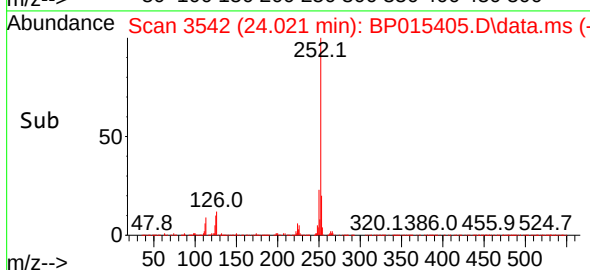
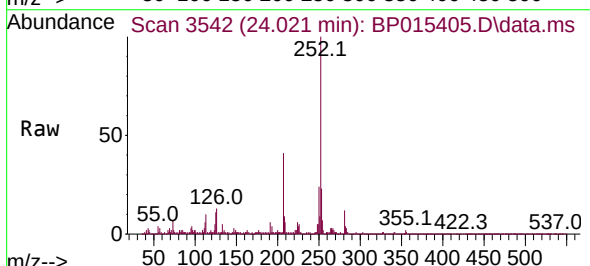
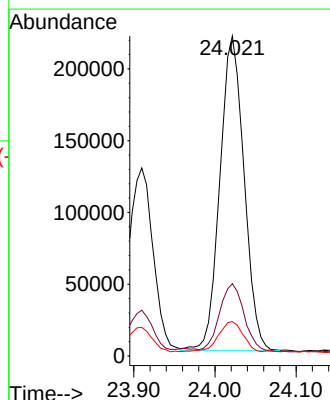
Tgt Ion:252 Resp: 453069

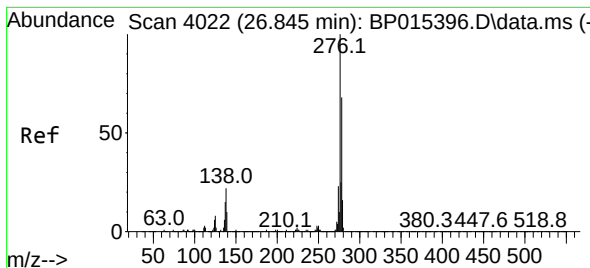
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.8 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.941 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Instrument :

BNA_P

ClientSampleId :

EW984

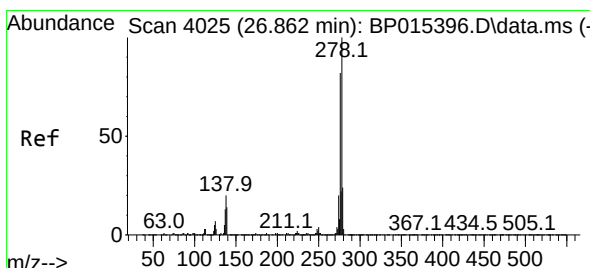
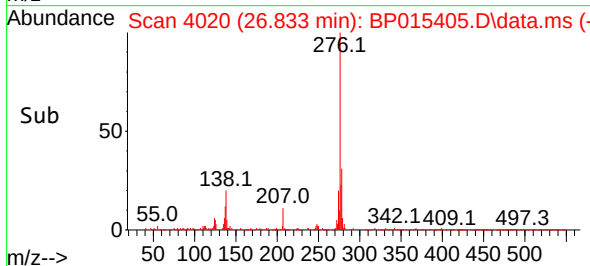
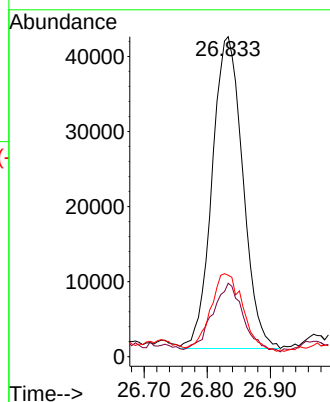
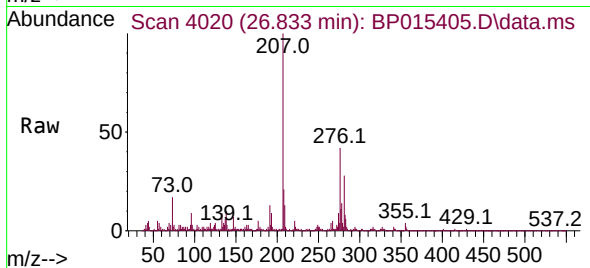
Tgt Ion:	276	Resp:	14024
Ion Ratio	Lower	Upper	
276	100		
138	22.9	17.3	25.9
277	25.4	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.476 ng/ul

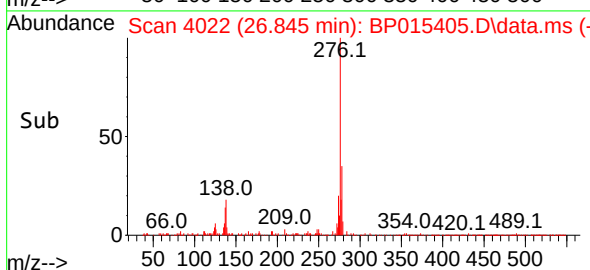
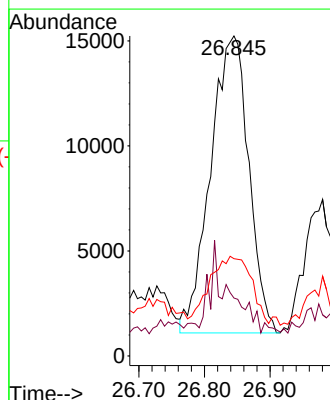
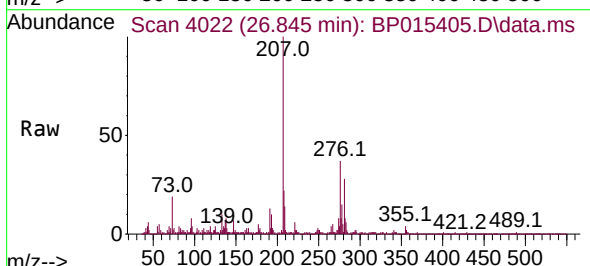
RT: 26.845 min Scan# 4022

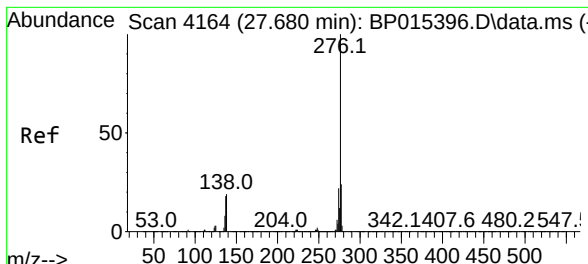
Delta R.T. -0.018 min

Lab File: BP015405.D

Acq: 07 Jun 2023 18:41

Tgt Ion:	278	Resp:	57355
Ion Ratio	Lower	Upper	
278	100		
139	21.9	11.4	17.0#
279	30.4	18.7	28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 3.206 ng/ul
 RT: 27.668 min Scan# 4162
 Delta R.T. -0.018 min
 Lab File: BP015405.D
 Acq: 07 Jun 2023 18:41

Instrument : BNA_P
 ClientSampleId : EW984

Tgt Ion:	276	Resp:	126009
Ion Ratio	Lower	Upper	
276	100		
138	21.8	15.6	23.4
277	25.2	19.0	28.6

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

