

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017361.D
 Acq On : 26 Sep 2023 14:45
 Operator : MA/JU
 Sample : 04450-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBK98

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 01:08:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	166165	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.751	136	729407	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	482657	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1076556	20.000	ng/ul	0.00
79) Chrysene-d12	21.462	240	1045960	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1212719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	17607	4.352	ng/uL	0.00
4) Pyridine-d5	3.740	84	167714	14.829	ng/ul	0.01
7) Phenol-d5	7.093	99	104467	7.655	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	221006	26.834	ng/ul	0.01
11) 2-Chlorophenol-d4	7.451	132	282297	26.081	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	191608	18.059	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	197833	37.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	207833	36.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	351897	32.530	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	189436	12.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1270751	36.752	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1405688	35.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	39156	6.500	ng/ul	0.01
60) Fluorene-d10	15.580	176	1112807	37.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	93737	15.449	ng/ul	0.00
73) Anthracene-d10	17.457	188	1843957	38.620	ng/ul	0.00
81) Pyrene-d10	19.698	212	2215404	39.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2239915	38.362	ng/ul	0.00
Target Compounds					Qvalue	
13) 2-Methylphenol	8.375	108	405477	39.922	ng/ul	98
16) Acetophenone	8.781	105	203796	12.430	ng/ul	98
18) 4-Methylphenol	8.704	108	400319	36.785	ng/ul	91
26) 2,4-Dimethylphenol	9.951	107	549021m	44.412	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.181	93	30051	1.942	ng/ul#	83
30) Naphthalene	10.816	128	15423262	406.092	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	4369547	176.273	ng/ul	98
37) 1-Methylnaphthalene	12.628	142	2429282	95.869	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	134635	3.677	ng/ul	99
52) Acenaphthene	14.651	153	36527	1.189	ng/ul#	93
61) Fluorene	15.639	166	74780	2.188	ng/ul#	92
72) Phenanthrene	17.398	178	96781	1.716	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.321	149	49600	1.381	ng/ul#	96

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

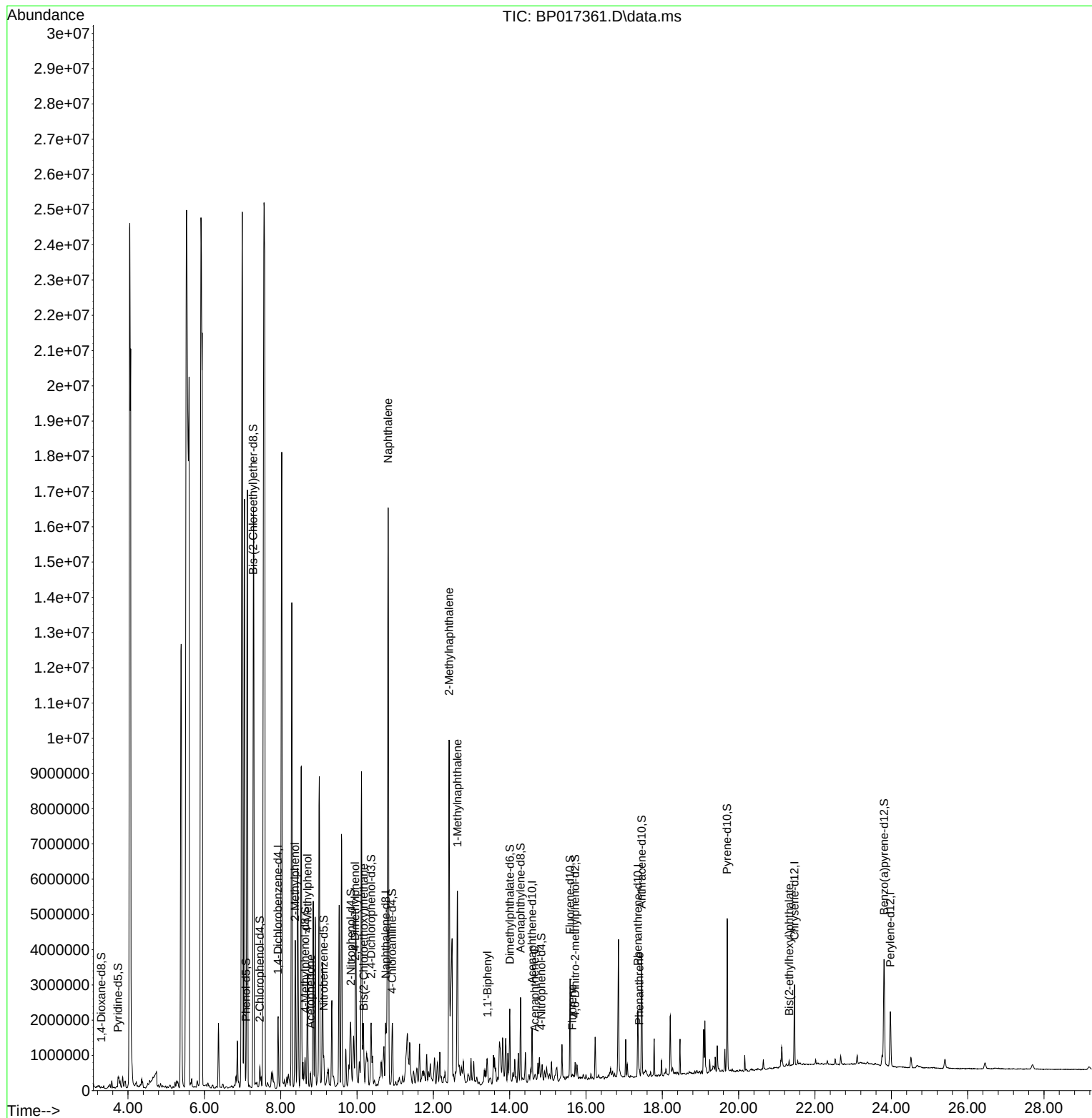
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017361.D
Acq On : 26 Sep 2023 14:45
Operator : MA/JU
Sample : 04450-05
Misc :
ALS Vial : 53 Sample Multiplier: 1

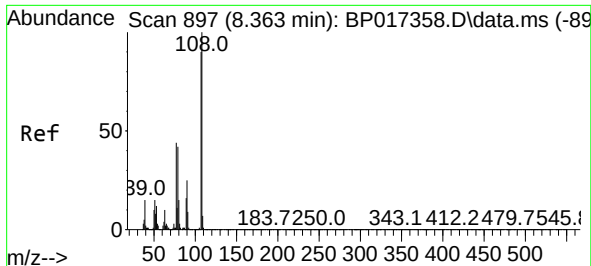
Instrument :
BNA_P
ClientSampleId :
BBK98

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 01:08:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration





#13

2-Methylphenol

Concen: 39.922 ng/ul

RT: 8.375 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

Instrument :

BNA_P

ClientSampleId :

BBK98

Tgt Ion:108 Resp: 40547

Ion Ratio Lower Upper

108 100

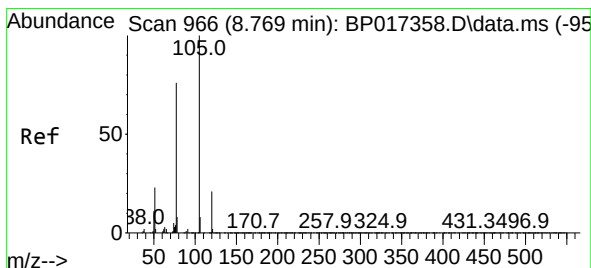
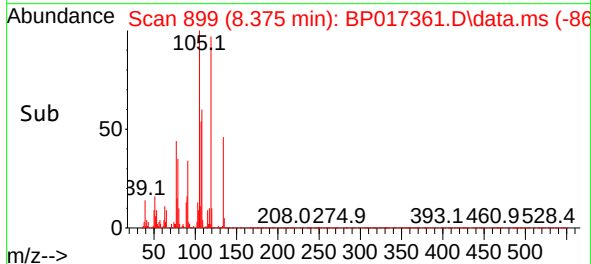
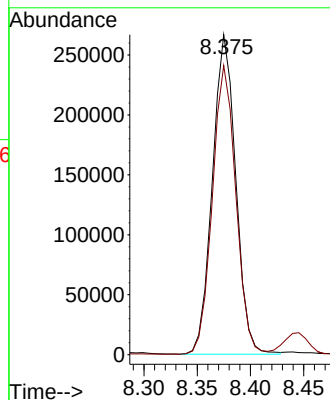
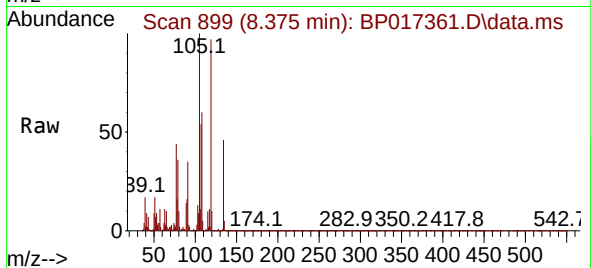
107 90.4 73.5 110.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#16

Acetophenone

Concen: 12.430 ng/ul

RT: 8.781 min Scan# 968

Delta R.T. 0.006 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

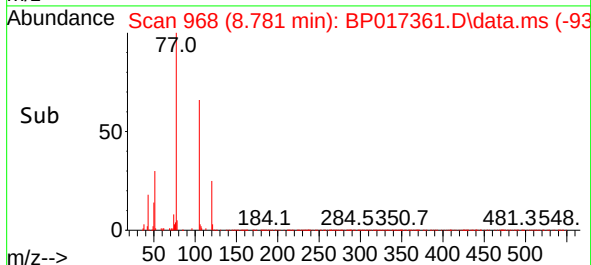
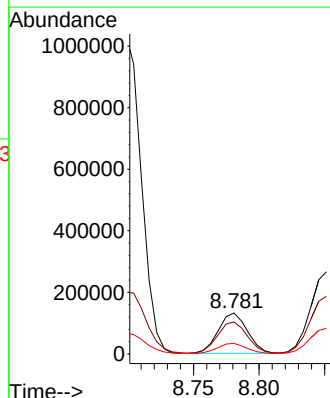
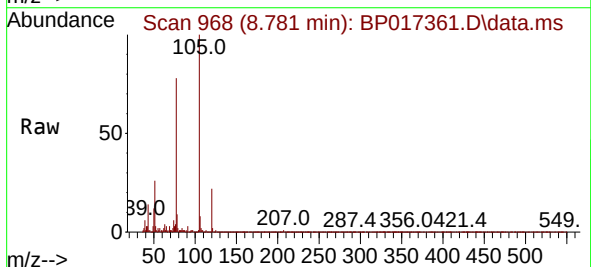
Tgt Ion:105 Resp: 203796

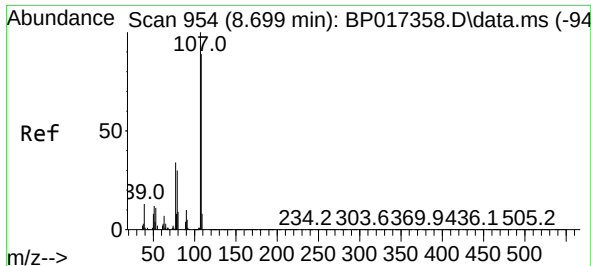
Ion Ratio Lower Upper

105 100

77 78.0 63.6 95.4

51 25.8 19.2 28.8





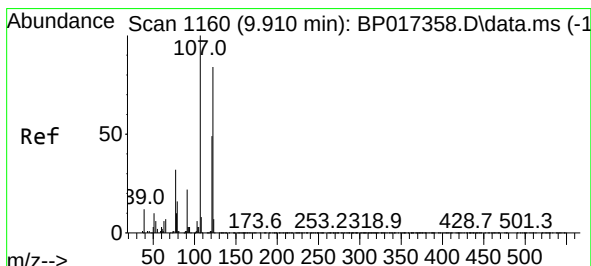
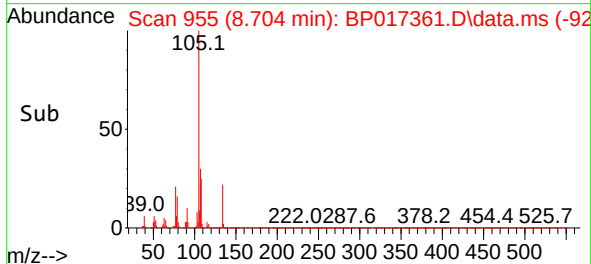
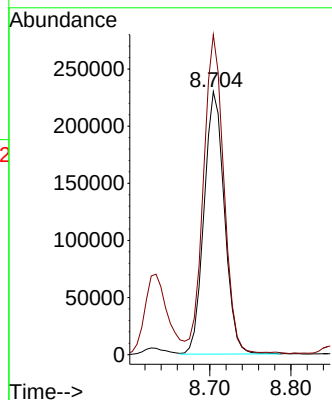
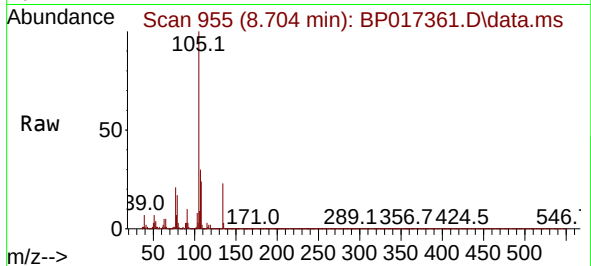
#18
4-Methylphenol
Concen: 36.785 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Instrument :
BNA_P
ClientSampleId :
BBK98

Tgt Ion:108 Resp: 400319
Ion Ratio Lower Upper
108 100
107 121.6 90.0 135.0

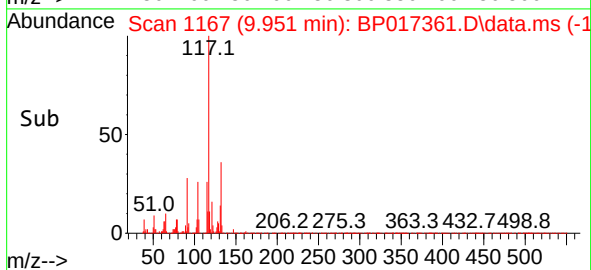
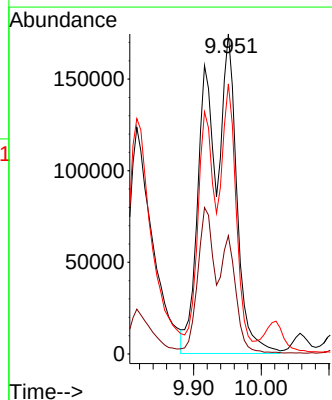
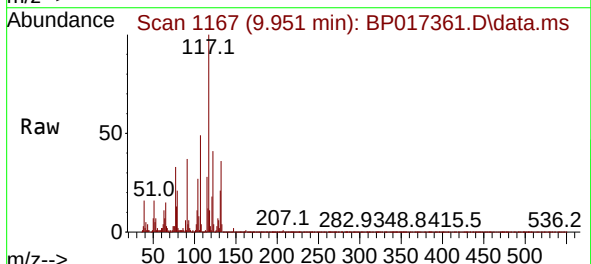
Manual Integrations
APPROVED

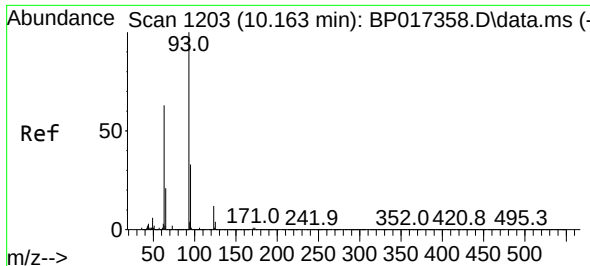
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2,4-Dimethylphenol
Concen: 44.412 ng/ul m
RT: 9.951 min Scan# 1167
Delta R.T. 0.041 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

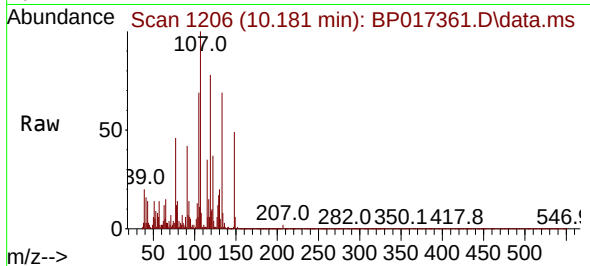
Tgt Ion:107 Resp: 549021
Ion Ratio Lower Upper
107 100
121 37.0 41.1 61.7#
122 84.4 69.4 104.0





#27
Bis(2-Chloroethoxy)methane
Concen: 1.942 ng/ul
RT: 10.181 min Scan# 101
Delta R.T. 0.012 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

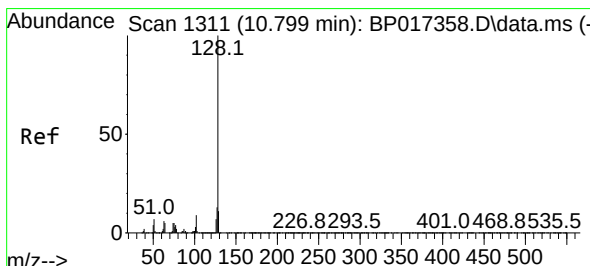
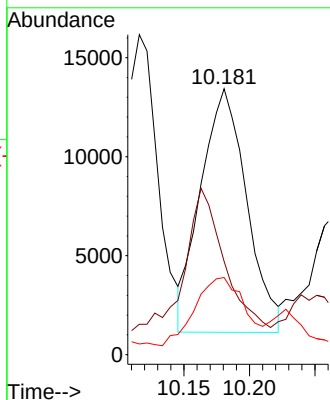
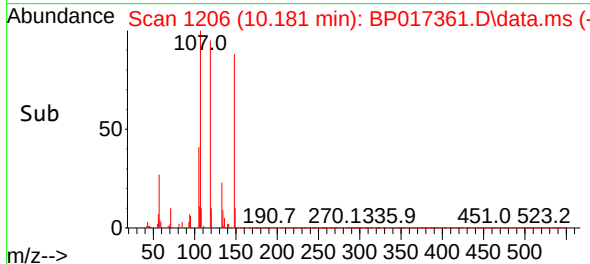
Instrument :
BNA_P
ClientSampleId :
BBK98



Tgt Ion: 93 Resp: 3005
Ion Ratio Lower Upper
93 100
95 35.1 24.9 37.3
123 29.0 9.4 14.2

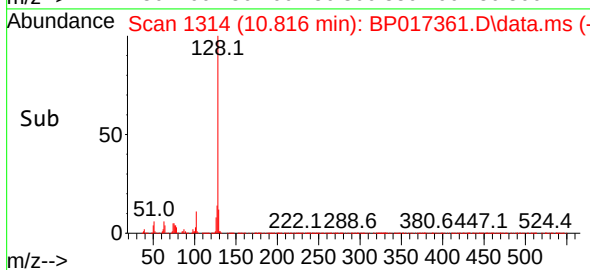
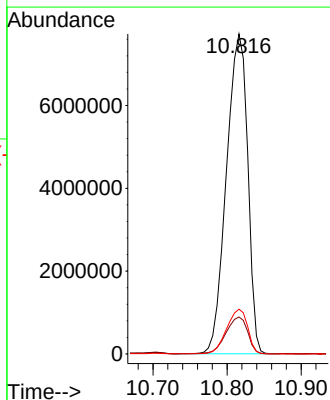
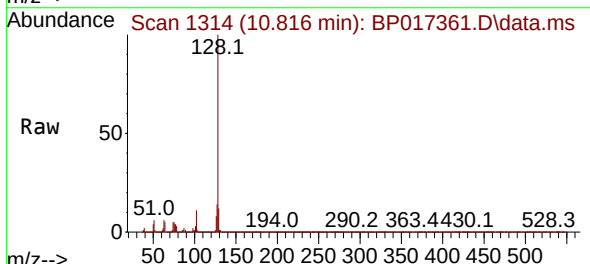
Manual Integrations
APPROVED

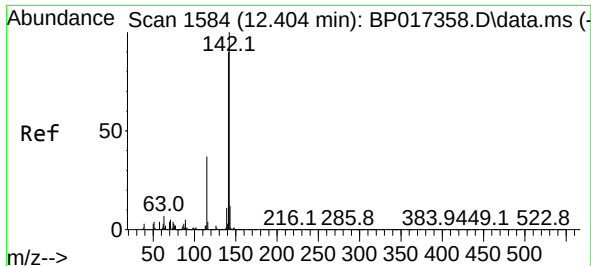
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#30
Naphthalene
Concen: 406.092 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.017 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:128 Resp:15423262
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.0 10.6 15.8





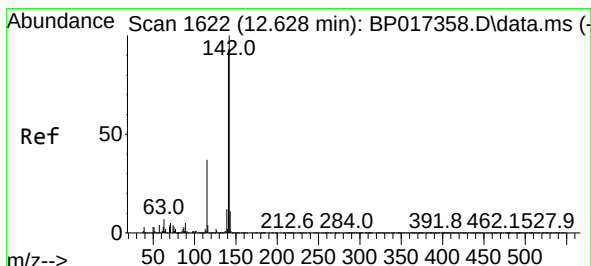
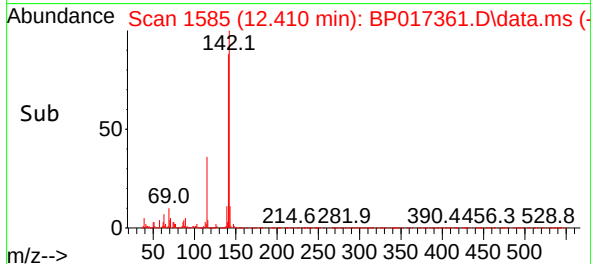
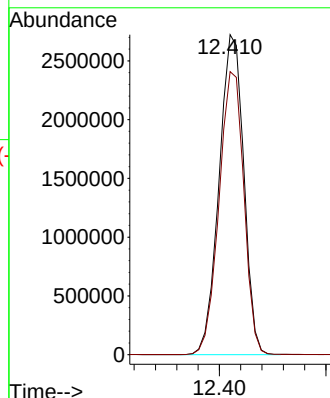
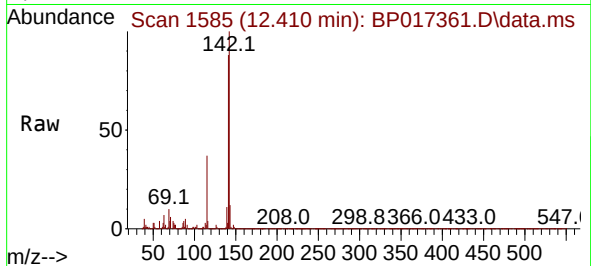
#36
2-Methylnaphthalene
Concen: 176.273 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Instrument :
BNA_P
ClientSampleId :
BBK98

Tgt Ion:142 Resp: 436954
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9

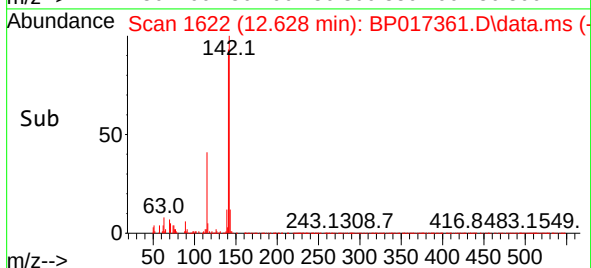
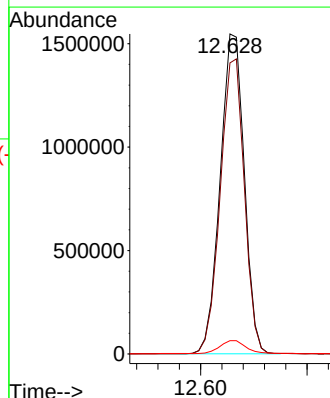
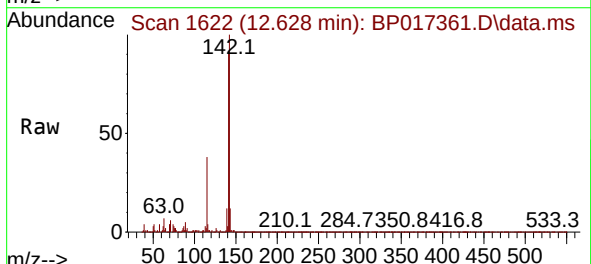
Manual Integrations
APPROVED

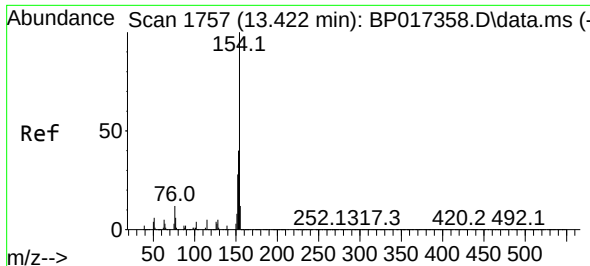
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#37
1-Methylnaphthalene
Concen: 95.869 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

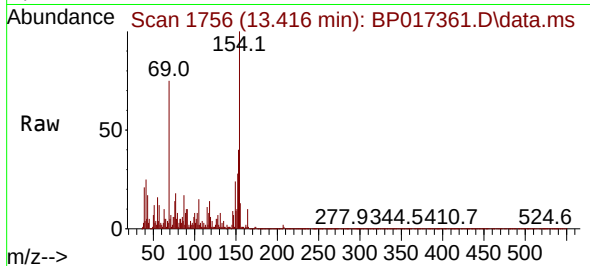
Tgt Ion:142 Resp: 2429282
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2
116 4.1 3.1 4.7





#43
1,1'-Biphenyl
Concen: 3.677 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

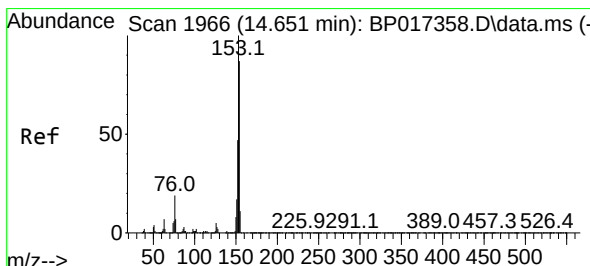
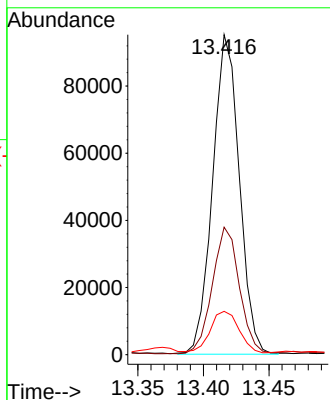
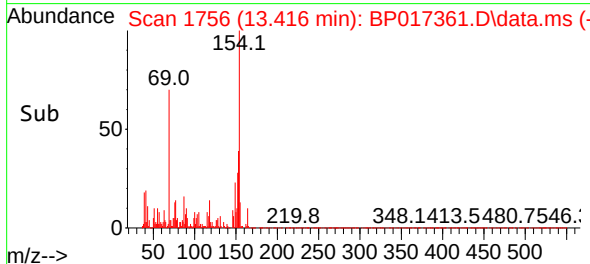
Instrument :
BNA_P
ClientSampleId :
BBK98



Tgt Ion:154 Resp: 134639
Ion Ratio Lower Upper
154 100
153 39.8 31.5 47.3
76 13.5 11.0 16.6

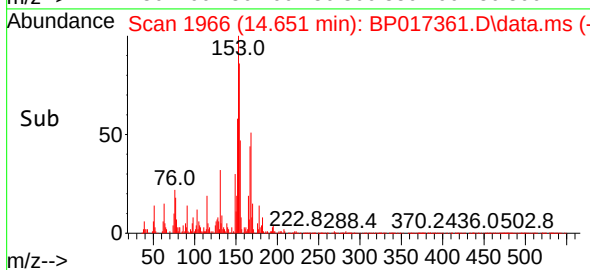
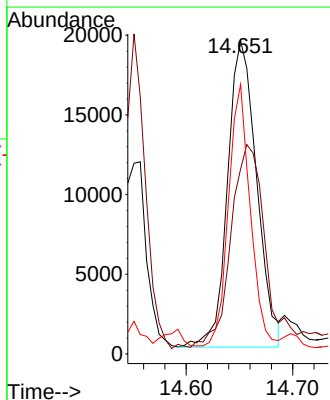
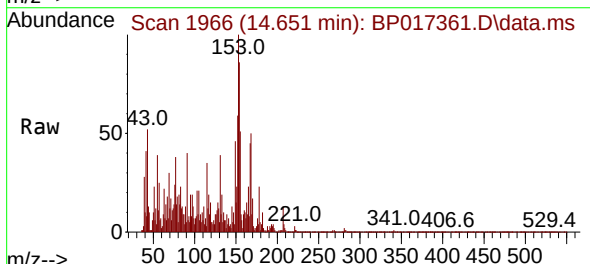
Manual Integrations
APPROVED

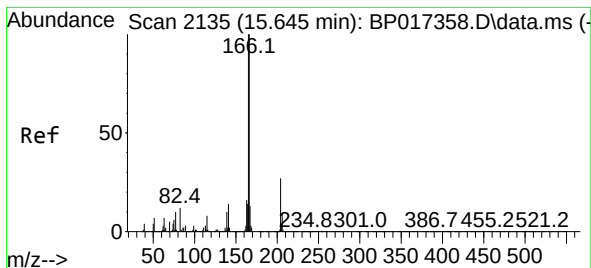
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#52
Acenaphthene
Concen: 1.189 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:153 Resp: 36527
Ion Ratio Lower Upper
153 100
152 59.0 38.0 57.0#
154 86.0 70.1 105.1





#61

Fluorene

Concen: 2.188 ng/ul

RT: 15.639 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

Instrument :

BNA_P

ClientSampleId :

BBK98

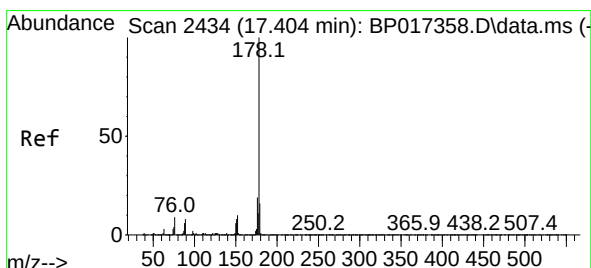
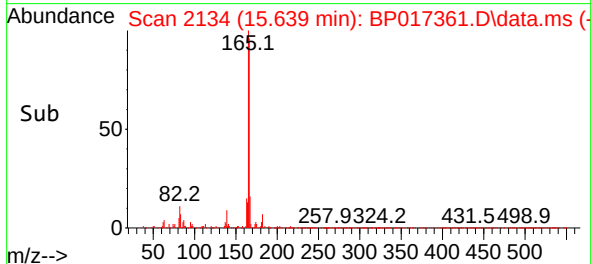
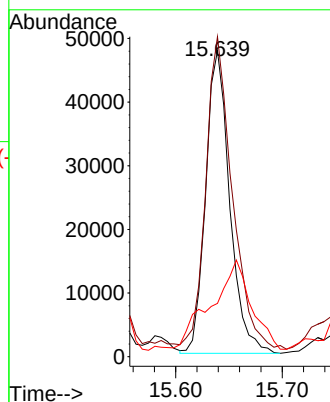
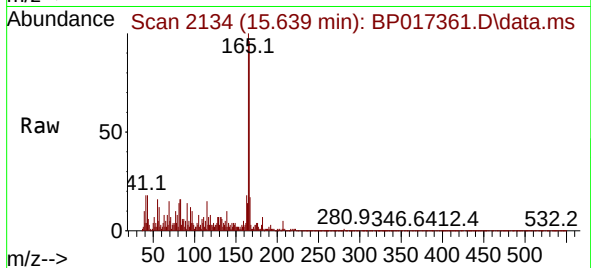
Tgt Ion:166	Resp:	74780
Ion Ratio	Lower	Upper
166	100	
165	104.6	77.8 116.6
167	17.4	10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#72

Phenanthrene

Concen: 1.716 ng/ul

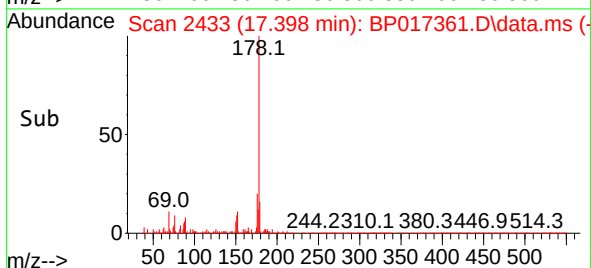
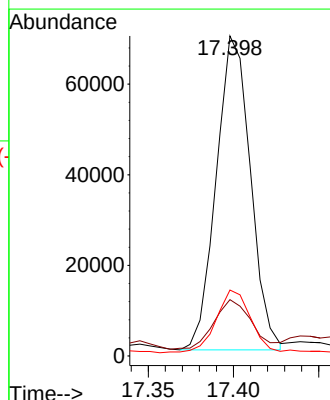
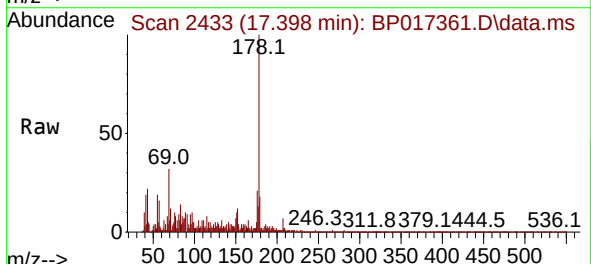
RT: 17.398 min Scan# 2433

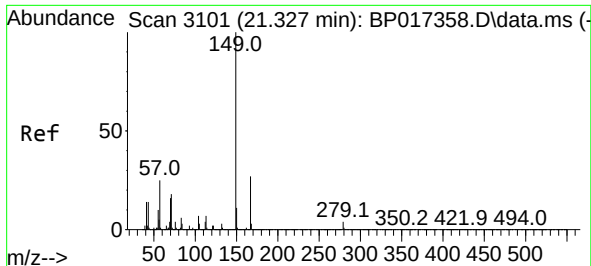
Delta R.T. -0.006 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

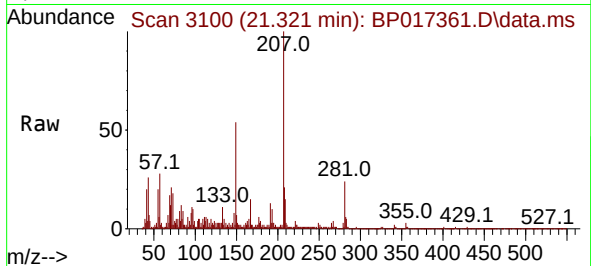
Tgt Ion:178	Resp:	96781
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.7 19.1
176	20.6	15.8 23.6





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.381 ng/ul
 RT: 21.321 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP017361.D
 Acq: 26 Sep 2023 14:45

Instrument :
 BNA_P
 ClientSampleId :
 BBK98



Tgt Ion:149 Resp: 49600
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.0 31.6
 279 5.0 3.0 4.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

