

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017176.D
 Acq On : 14 Sep 2023 14:34
 Operator : MA/JU
 Sample : 04247-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJS6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:46:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	211609	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	849651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	514930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1061880	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	923424	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	1042522	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	26438	5.250	ng/uL	0.00
4) Pyridine-d5	3.752	84	153444	10.652	ng/u1	0.00
7) Phenol-d5	7.105	99	16036	0.932	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	325626	30.278	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	332332m	24.211	ng/u1	0.03
15) 4-Methylphenol-d8	8.752	113	228374m	16.015	ng/u1	0.08
21) Nitrobenzene-d5	9.152	128	212953	35.793	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	202067	31.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	394027	32.078	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	338341	18.274	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1351924	36.894	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1448296	34.833	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	48032	6.782	ng/u1	0.00
60) Fluorene-d10	15.610	176	1151189	36.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	202640	34.156	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1771205	39.258	ng/u1	0.00
81) Pyrene-d10	19.722	212	2034720	42.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	1946577	39.560	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	20749	3.832	ng/uL	96
30) Naphthalene	10.834	128	4752534	110.538	ng/u1	100
36) 2-Methylnaphthalene	12.434	142	2868331	98.869	ng/u1	99
37) 1-Methylnaphthalene	12.657	142	2201554	74.969	ng/u1	99
43) 1,1'-Biphenyl	13.445	154	160380	4.344	ng/u1#	97
52) Acenaphthene	14.675	153	63831	2.008	ng/u1	95
56) Dibenzofuran	15.010	168	62032	1.412	ng/u1	98
61) Fluorene	15.663	166	74548	2.053	ng/u1	99
72) Phenanthrene	17.422	178	228215	4.277	ng/u1	99
77) Carbazole	17.804	167	193069	4.068	ng/u1	99

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

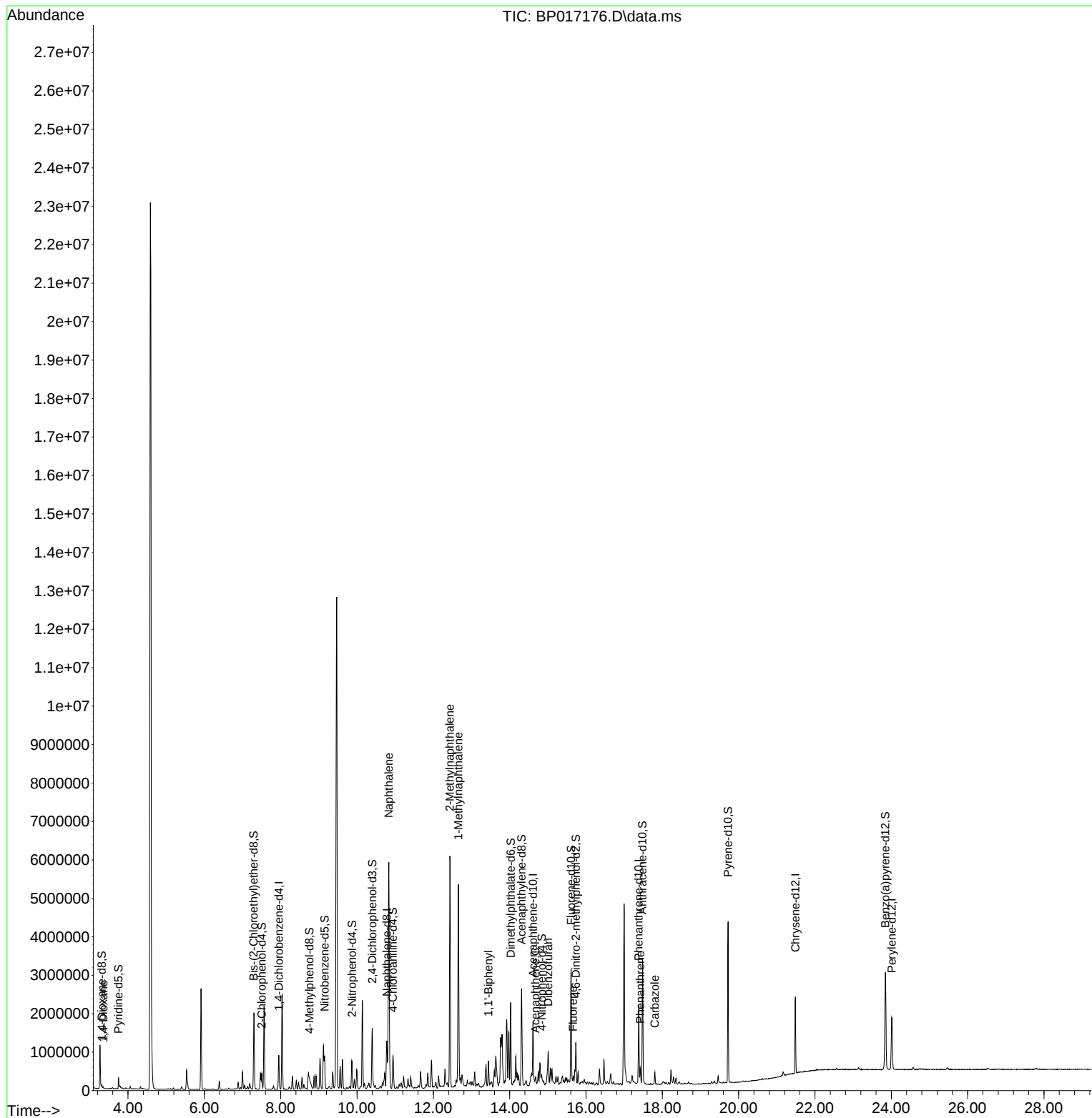
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017176.D
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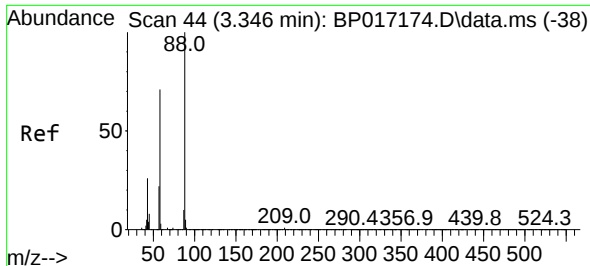
Instrument :
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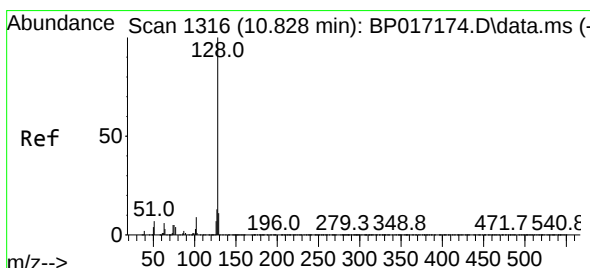
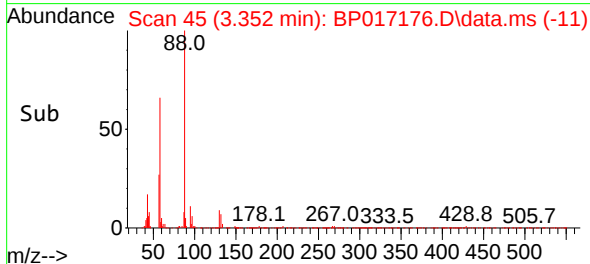
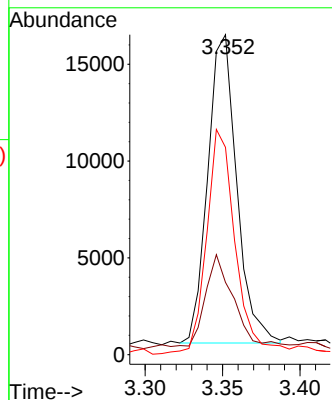
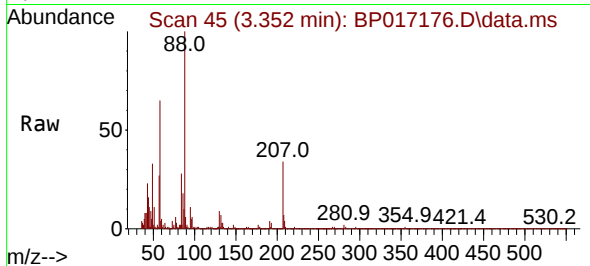
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1,4-Dioxane
Concen: 3.832 ng/uL
RT: 3.352 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

Instrument :
BNA_P
ClientSampleId :
BBJS6

Tgt Ion: 88 Resp: 20749
Ion Ratio Lower Upper
88 100
43 22.6 21.9 32.9
58 64.8 50.8 76.2

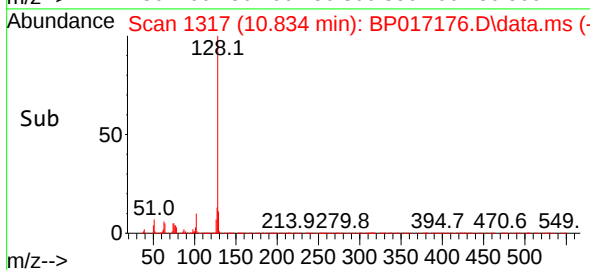
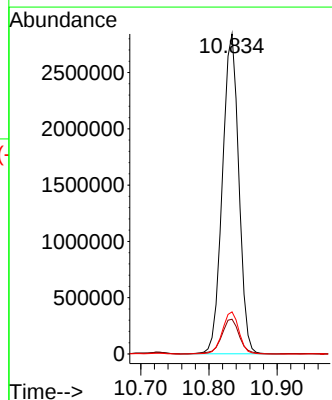
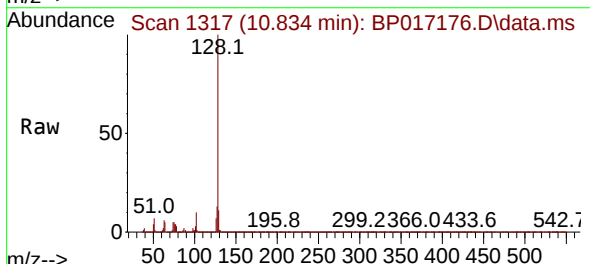
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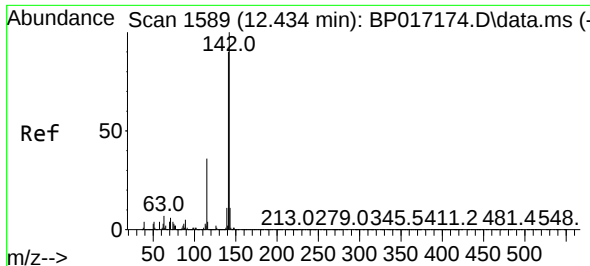
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#30
Naphthalene
Concen: 110.538 ng/uL
RT: 10.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

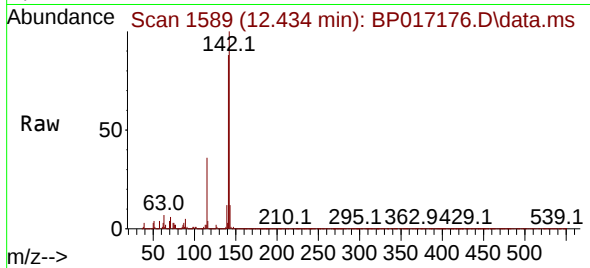
Tgt Ion:128 Resp: 4752534
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.4 15.6





#36
2-Methylnaphthalene
Concen: 98.869 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

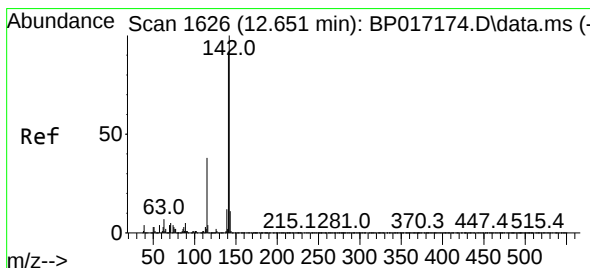
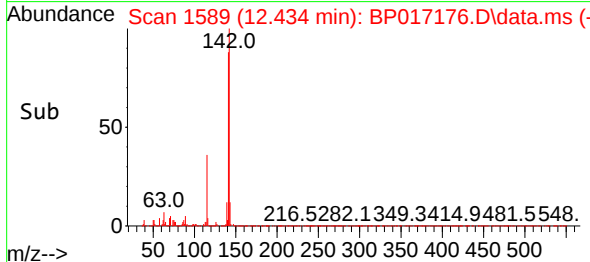
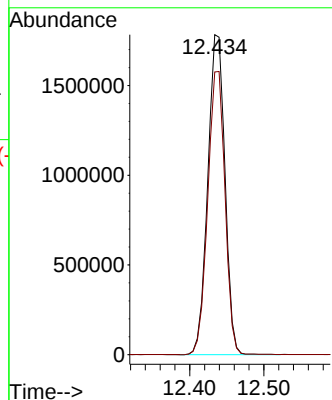
Instrument :
BNA_P
ClientSampleId :
BBJS6



Tgt Ion:142 Resp: 286833
Ion Ratio Lower Upper
142 100
141 88.4 70.1 105.1

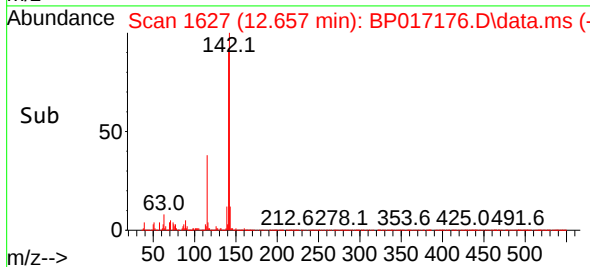
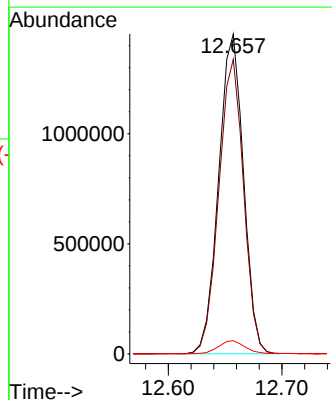
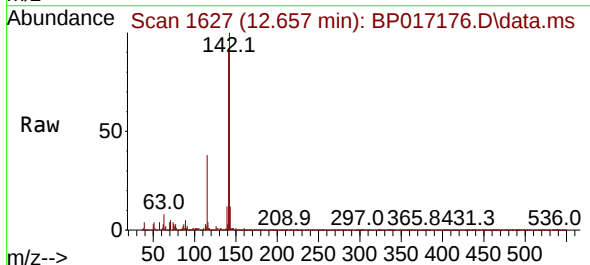
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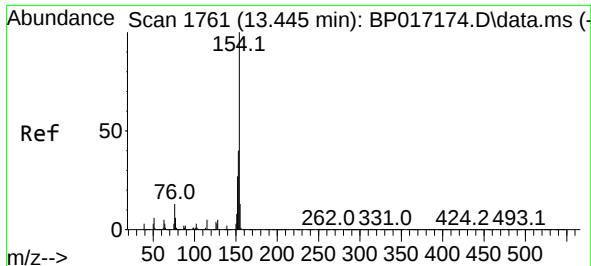
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#37
1-Methylnaphthalene
Concen: 74.969 ng/ul
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

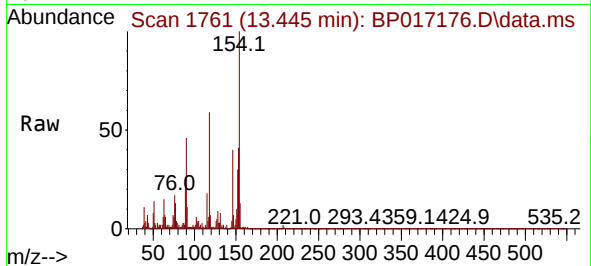
Tgt Ion:142 Resp: 2201554
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1
116 4.1 3.1 4.7





#43
1,1'-Biphenyl
Concen: 4.344 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

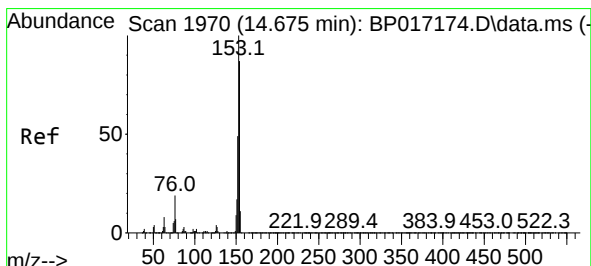
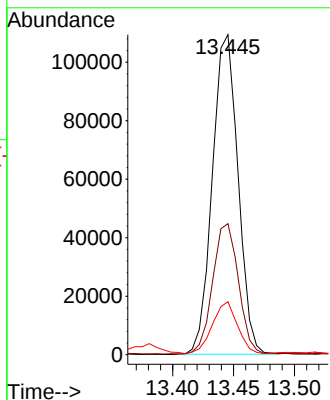
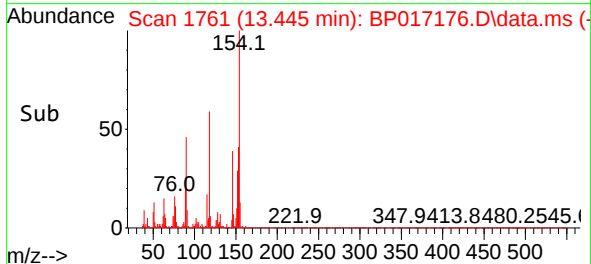
Instrument : BNA_P
ClientSampleId : BBJS6



Tgt Ion:154 Resp: 160380
Ion Ratio Lower Upper
154 100
153 41.0 31.8 47.8
76 16.6 10.8 16.2

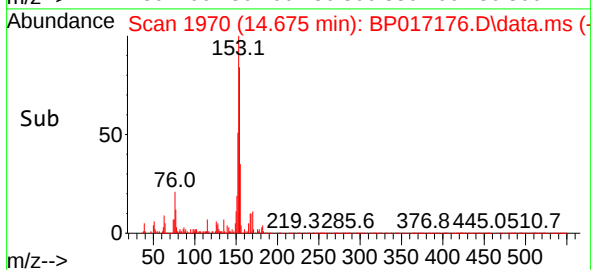
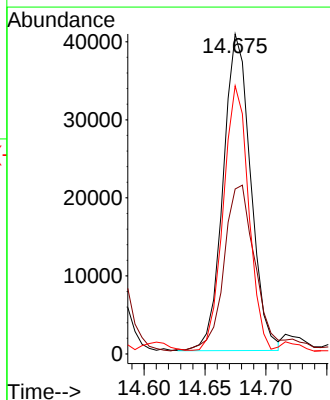
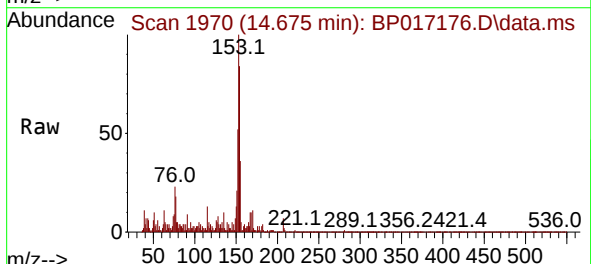
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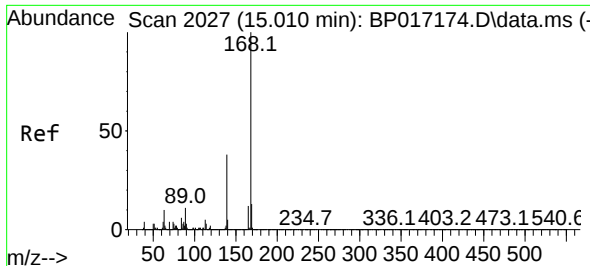
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#52
Acenaphthene
Concen: 2.008 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

Tgt Ion:153 Resp: 63831
Ion Ratio Lower Upper
153 100
152 51.5 38.6 57.8
154 83.8 70.4 105.6





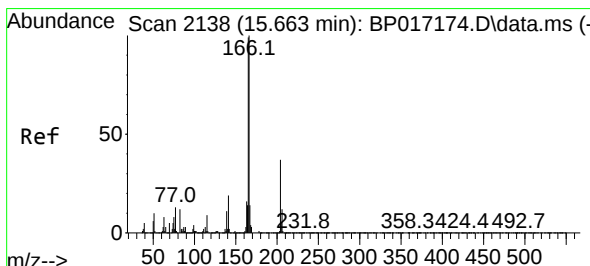
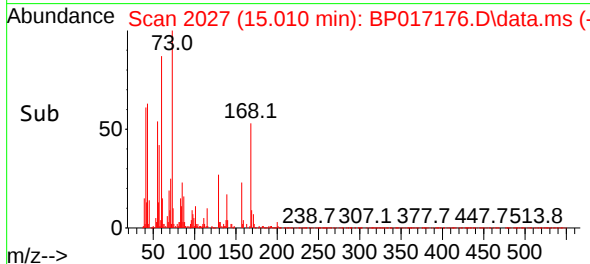
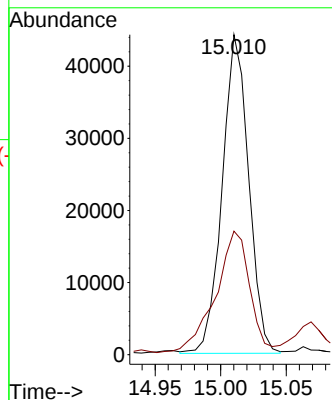
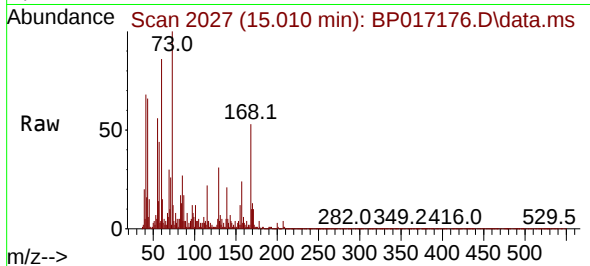
#56
Dibenzenofuran
Concen: 1.412 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

Instrument :
BNA_P
ClientSampleId :
BBJS6

Tgt Ion:168 Resp: 62032
Ion Ratio Lower Upper
168 100
139 38.6 29.9 44.9

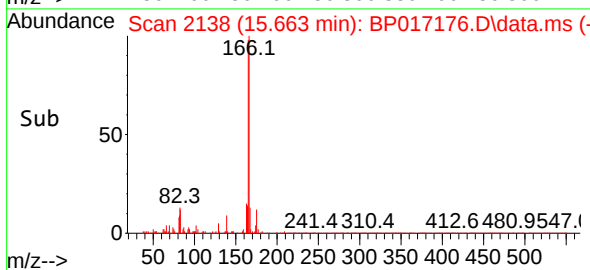
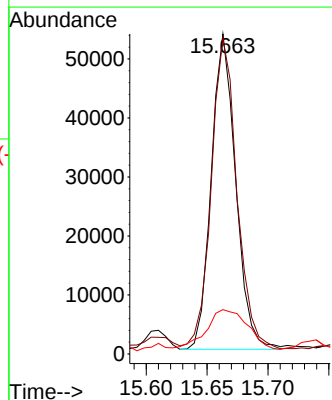
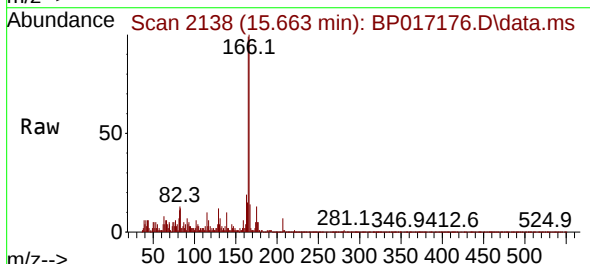
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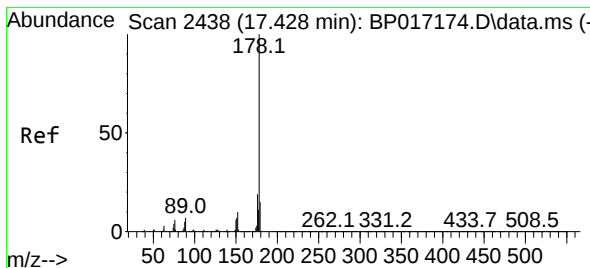
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#61
Fluorene
Concen: 2.053 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

Tgt Ion:166 Resp: 74548
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 13.9 11.0 16.4





#72

Phenanthrene

Concen: 4.277 ng/ul

RT: 17.422 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Instrument :

BNA_P

ClientSampleId :

BBJS6

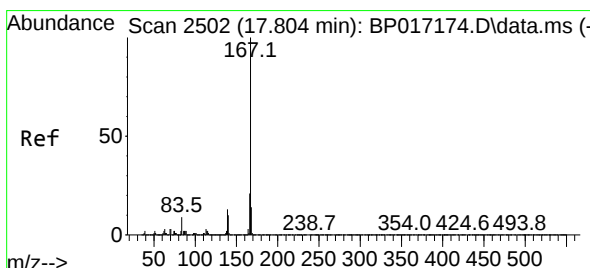
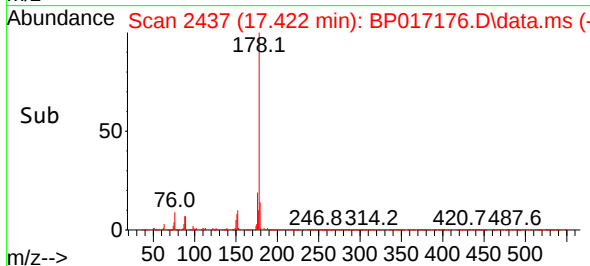
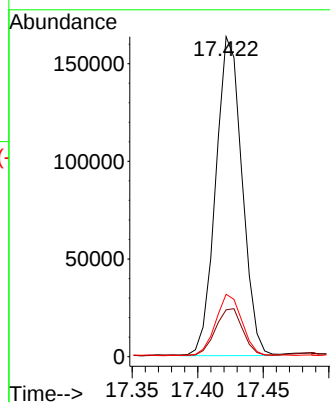
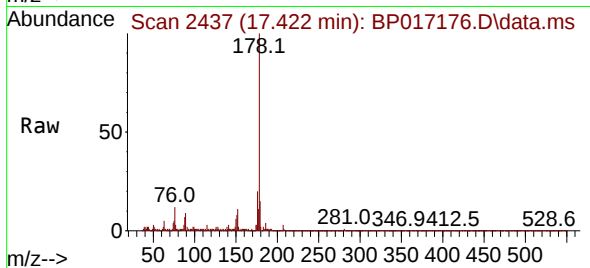
Tgt Ion:178	Resp: 22821
Ion Ratio	Lower Upper
178 100	
179 14.6	12.2 18.2
176 19.5	15.6 23.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/15/2023



#77

Carbazole

Concen: 4.068 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Tgt Ion:167	Resp: 193069
Ion Ratio	Lower Upper
167 100	
166 22.1	17.0 25.6
139 12.8	10.4 15.6

