

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
 Data File : BP010539.D
 Acq On : 25 May 2022 17:01
 Operator : CG/JU
 Sample : N2950-08DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTG6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 23:27:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	112360	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	496417	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	371362	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	922237	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.345	240	1031211	20.000	ng/u1	# 0.00
88) Perylene-d12	23.763	264	889916	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2968m	1.126	ng/uL	0.00
4) Pyridine-d5	3.781	84	13691m	1.829	ng/u1	0.02
7) Phenol-d5	7.058	99	11198	1.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	42281	6.673	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	33584	4.654	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	23255	2.902	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	25312m	6.588	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	22859	5.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	41396	5.377	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	57520m	5.025	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	221385	8.091	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	216768m	6.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	5596m	1.149	ng/u1	0.01
60) Fluorene-d10	15.504	176	188758	7.930	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	28413	5.268	ng/u1	0.00
73) Anthracene-d10	17.363	188	332523	7.963	ng/u1	0.00
81) Pyrene-d10	19.598	212	445077	8.127	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	345486	7.731	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.734	128	433015	16.700	ng/u1	97
37) 1-Methylnaphthalene	12.557	142	190237	10.264	ng/u1#	96
43) 1,1'-Biphenyl	13.352	154	104030	3.816	ng/u1	94
52) Acenaphthene	14.575	153	629258	28.253	ng/u1	97
56) Dibenzofuran	14.910	168	563750	17.272	ng/u1	96
61) Fluorene	15.563	166	350659	13.137	ng/u1	92
72) Phenanthrene	17.304	178	549587	11.166	ng/u1	97
74) Anthracene	17.398	178	49425	1.001	ng/u1	96
77) Carbazole	17.669	167	1434499	33.059	ng/u1#	95

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

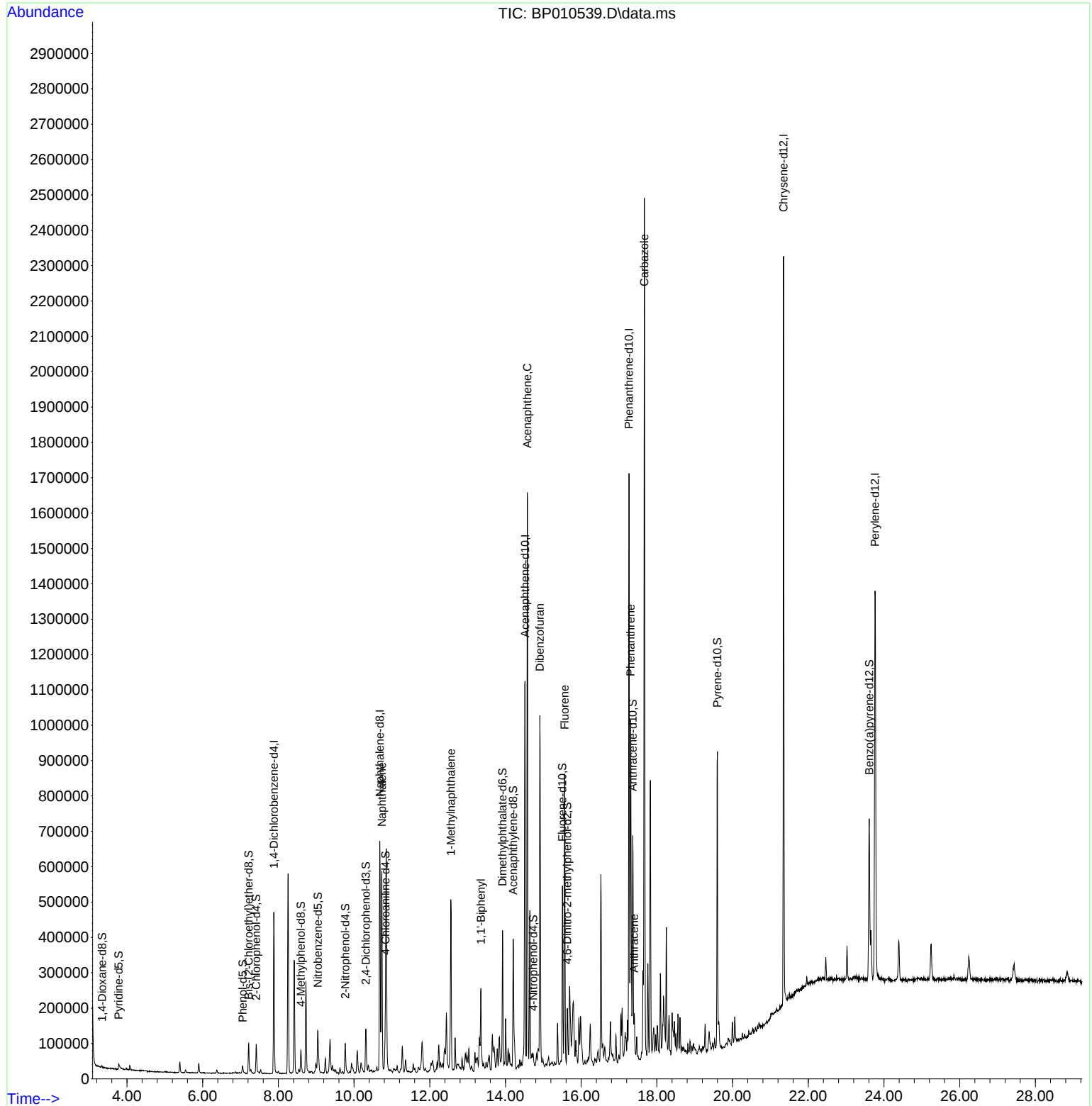
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
Data File : BP010539.D
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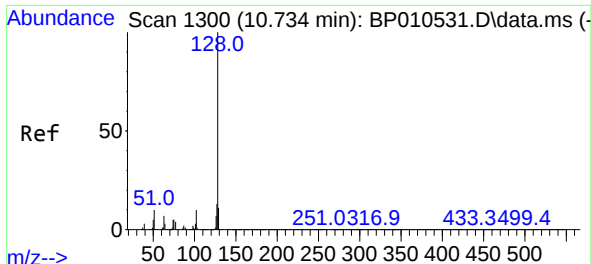
Instrument :
BNA_P
ClientSampleId :
DBTG6DL

Quant Time: May 25 23:27:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:50:40 2022
Response via : Initial Calibration

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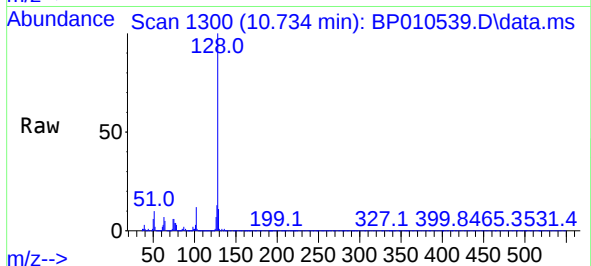
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022





#30
Naphthalene
Concen: 16.700 ng/ul
RT: 10.734 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

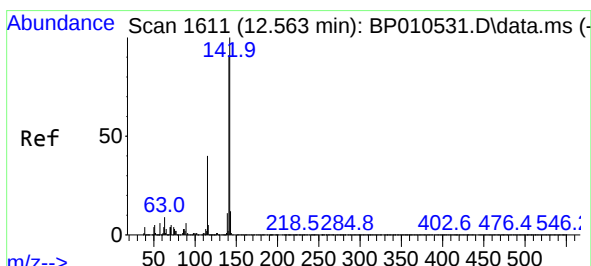
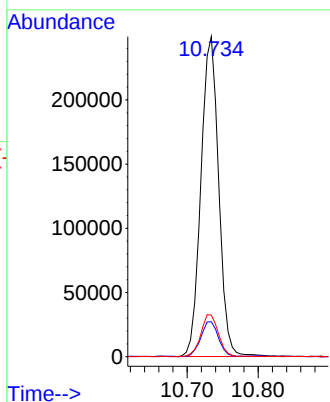
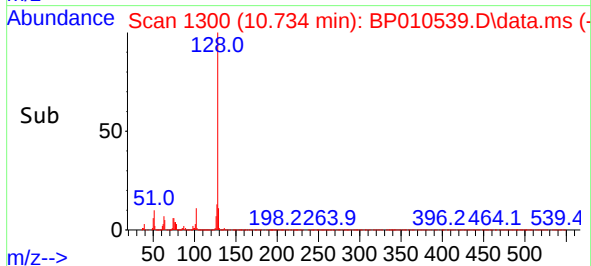
Instrument :
BNA_P
ClientSampleId :
DBTG6DL



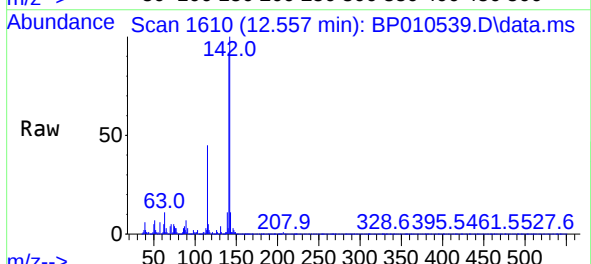
Tgt Ion:128 Resp: 433015
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 12.2 18.4

Manual Integrations
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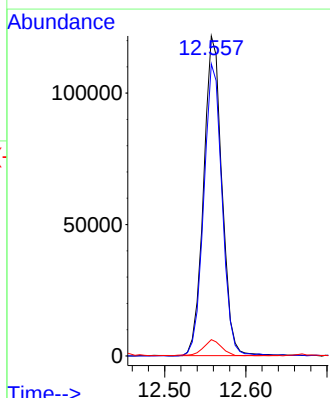
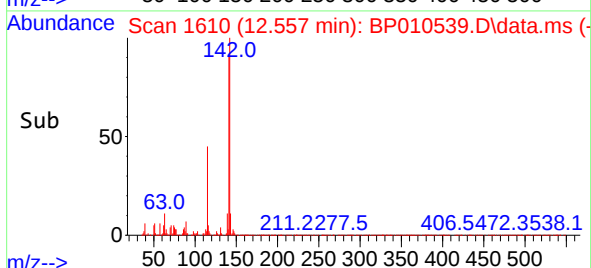
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Supervised By :mohammad ahmed 05/27/2022

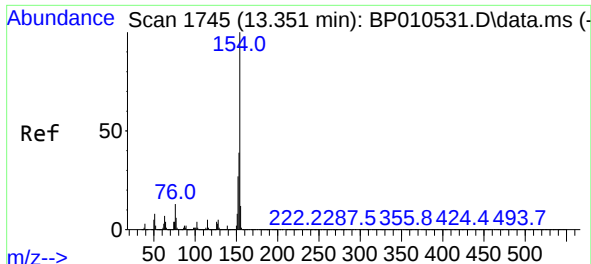


#37
1-Methylnaphthalene
Concen: 10.264 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01



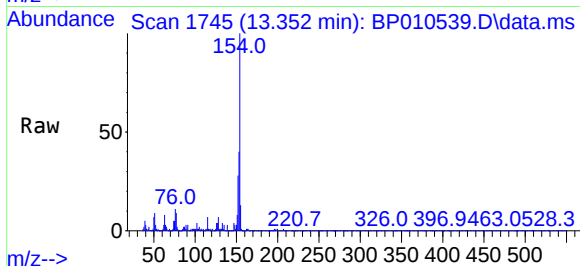
Tgt Ion:142 Resp: 190237
Ion Ratio Lower Upper
142 100
141 91.3 69.8 104.8
116 5.1 5.6 8.4





#43
1,1'-Biphenyl
Concen: 3.816 ng/ul
RT: 13.352 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

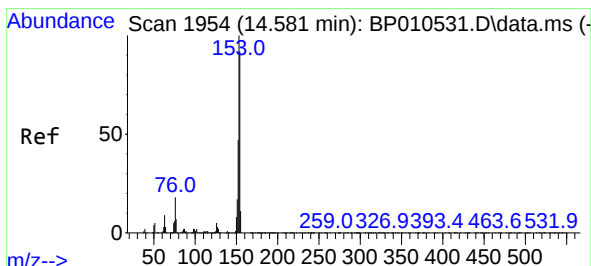
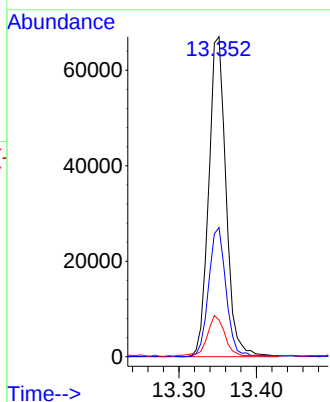
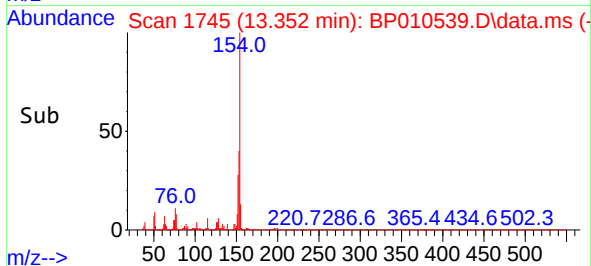
Instrument :
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ClientSampleId :
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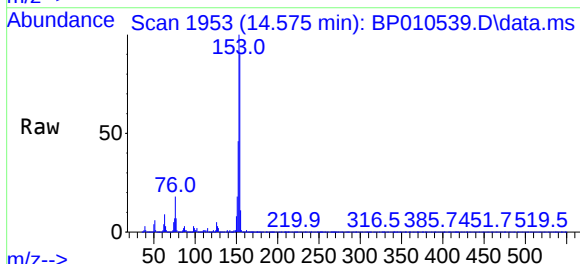
Tgt Ion:154 Resp: 104030
Ion Ratio Lower Upper
154 100
153 40.3 28.6 43.0
76 11.5 8.5 12.7

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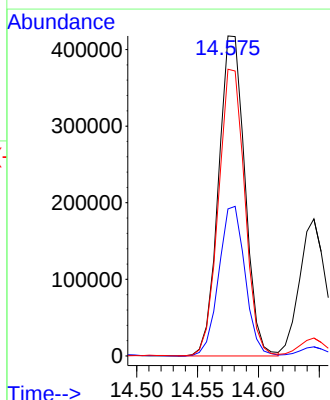
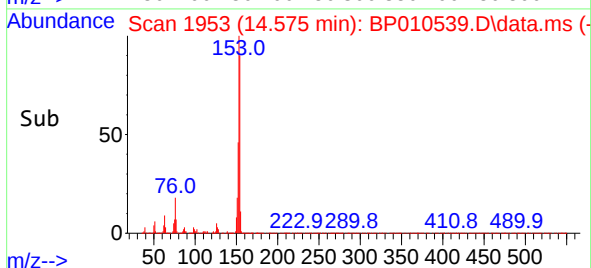
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

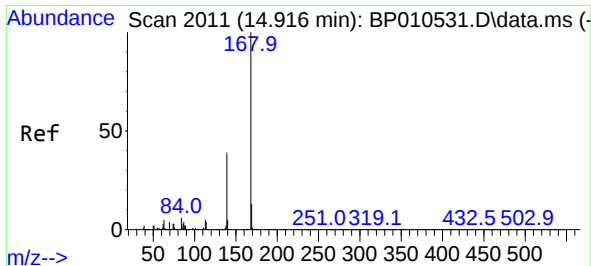


#52
Acenaphthene
Concen: 28.253 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01



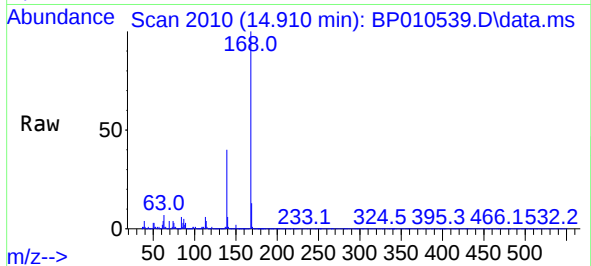
Tgt Ion:153 Resp: 629258
Ion Ratio Lower Upper
153 100
152 46.0 34.3 51.5
154 89.6 70.0 105.0





#56
Dibenzenofuran
Concen: 17.272 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

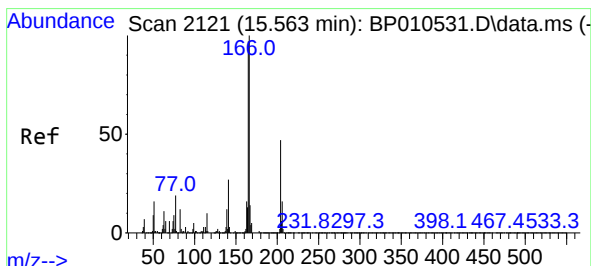
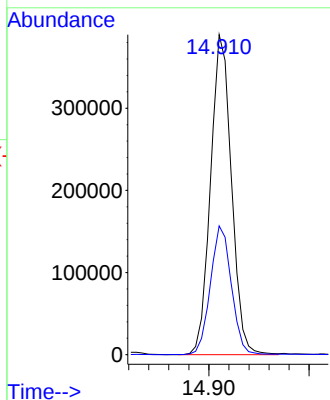
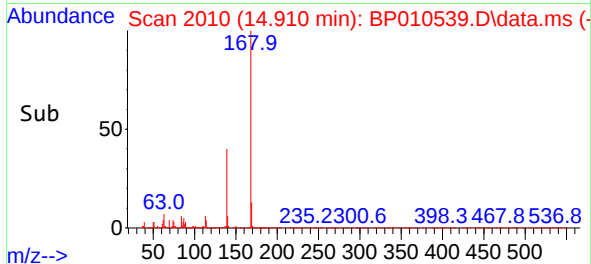
Instrument :
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ClientSampleId :
DBTG6DL



Tgt Ion:168 Resp: 563750
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1

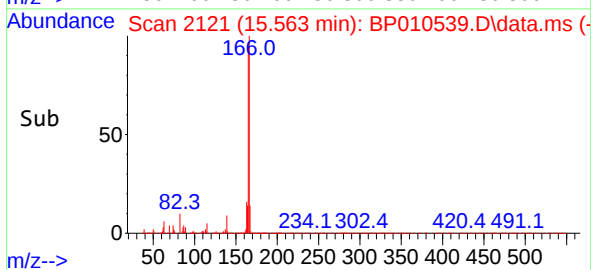
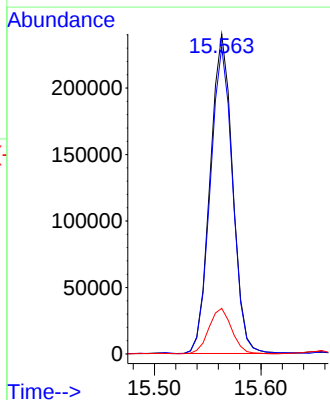
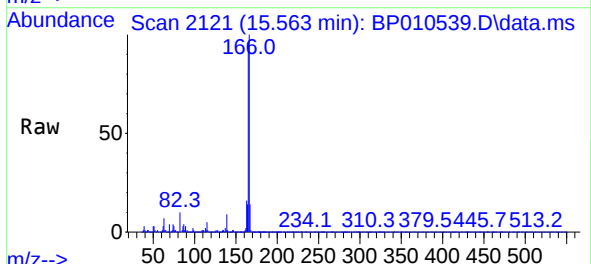
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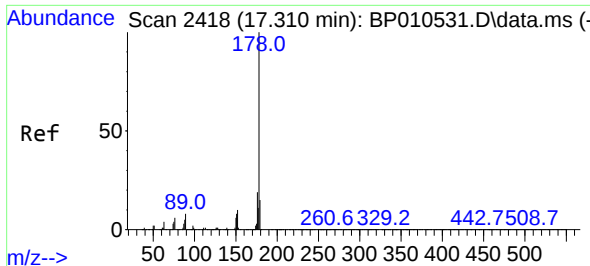
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#61
Fluorene
Concen: 13.137 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

Tgt Ion:166 Resp: 350659
Ion Ratio Lower Upper
166 100
165 95.9 70.3 105.5
167 14.2 9.5 14.3





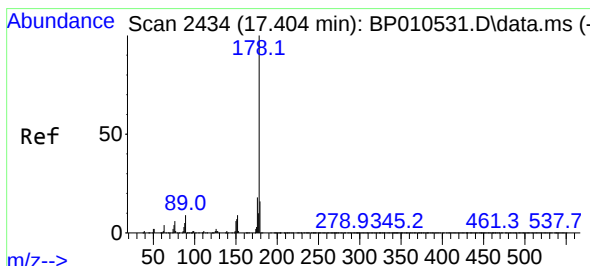
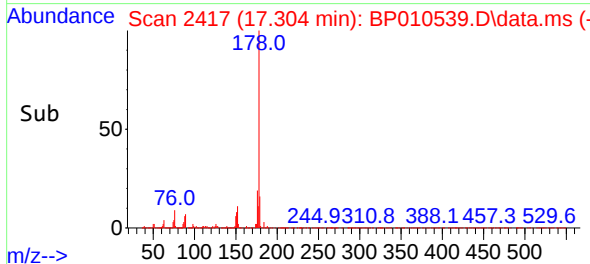
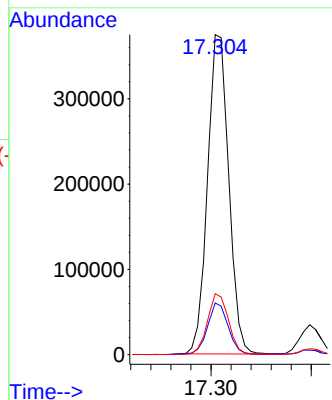
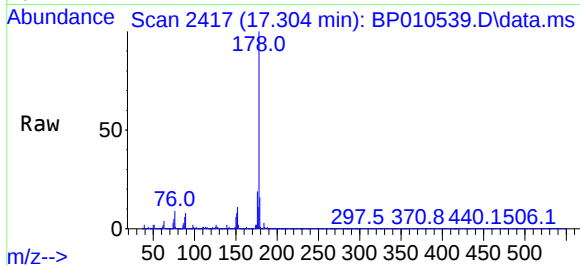
#72
Phenanthrene
Concen: 11.166 ng/u1
RT: 17.304 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

Instrument :
BNA_P
ClientSampleId :
DBTG6DL

Tgt Ion:178 Resp: 54958
Ion Ratio Lower Upper
178 100
179 16.1 11.7 17.5
176 19.0 14.5 21.7

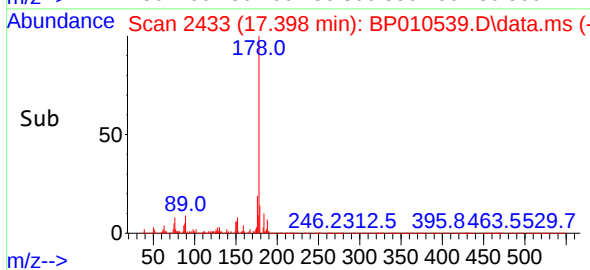
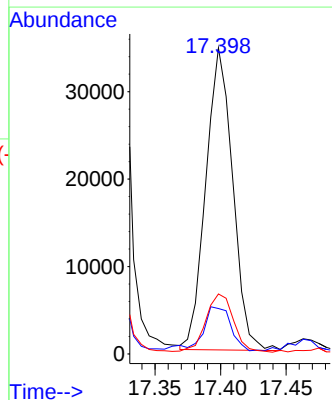
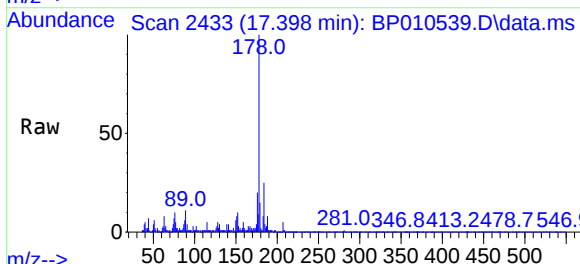
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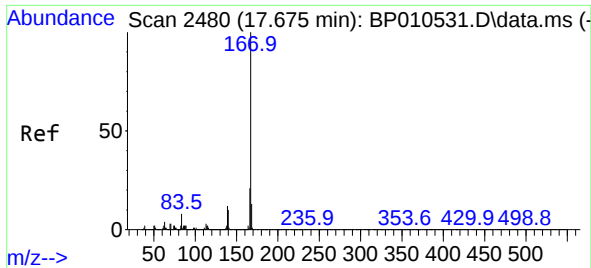
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#74
Anthracene
Concen: 1.001 ng/u1
RT: 17.398 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP010539.D
Acq: 25 May 2022 17:01

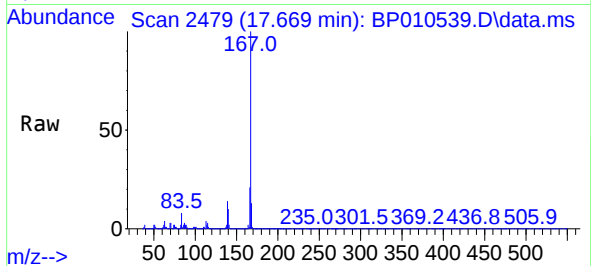
Tgt Ion:178 Resp: 49425
Ion Ratio Lower Upper
178 100
179 14.8 12.3 18.5
176 19.6 13.4 20.2





#77
 Carbazole
 Concen: 33.059 ng/ul
 RT: 17.669 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BP010539.D
 Acq: 25 May 2022 17:01

Instrument :
 BNA_P
 ClientSampleId :
 DBTG6DL



Tgt Ion:167 Resp: 1434499
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.8 23.8
 139 13.5 8.3 12.5

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