

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017360.D
 Acq On : 26 Sep 2023 14:11
 Operator : MA/JU
 Sample : 04450-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBKA6

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 00:59:58 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	7.934	152	119791	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.752	136	523551	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	353299	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	758822	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	716204	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	772399	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15589	5.345	ng/uL	0.00
4) Pyridine-d5	3.728	84	320728	39.337	ng/u1	0.00
7) Phenol-d5	7.093	99	41213m	4.189	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	226443	38.138	ng/u1	0.01
11) 2-Chlorophenol-d4	7.458	132	169032	21.662	ng/u1	0.01
15) 4-Methylphenol-d8	8.646	113	1385	0.181	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	204675	54.076	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	223918	54.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	184598	23.774	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	34413	3.060	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1316224	52.006	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	590845	20.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	46563	10.560	ng/u1	0.00
60) Fluorene-d10	15.581	176	1137750	52.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	86275	20.172	ng/u1	0.00
73) Anthracene-d10	17.457	188	1774561	52.729	ng/u1	0.00
81) Pyrene-d10	19.698	212	2209452	57.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	2009324	54.030	ng/u1	0.00
Target Compounds						
						Qvalue
16) Acetophenone	8.781	105	132937	11.247	ng/u1	97
30) Naphthalene	10.816	128	20885393	766.128	ng/u1	95
36) 2-Methylnaphthalene	12.416	142	7242263	407.038	ng/u1	99
37) 1-Methylnaphthalene	12.634	142	4254556	233.919	ng/u1	100
43) 1,1'-Biphenyl	13.416	154	198953	7.422	ng/u1	99
52) Acenaphthene	14.651	153	54249	2.413	ng/u1#	85
61) Fluorene	15.640	166	109271	4.369	ng/u1#	97
72) Phenanthrene	17.398	178	118061	2.971	ng/u1	99

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

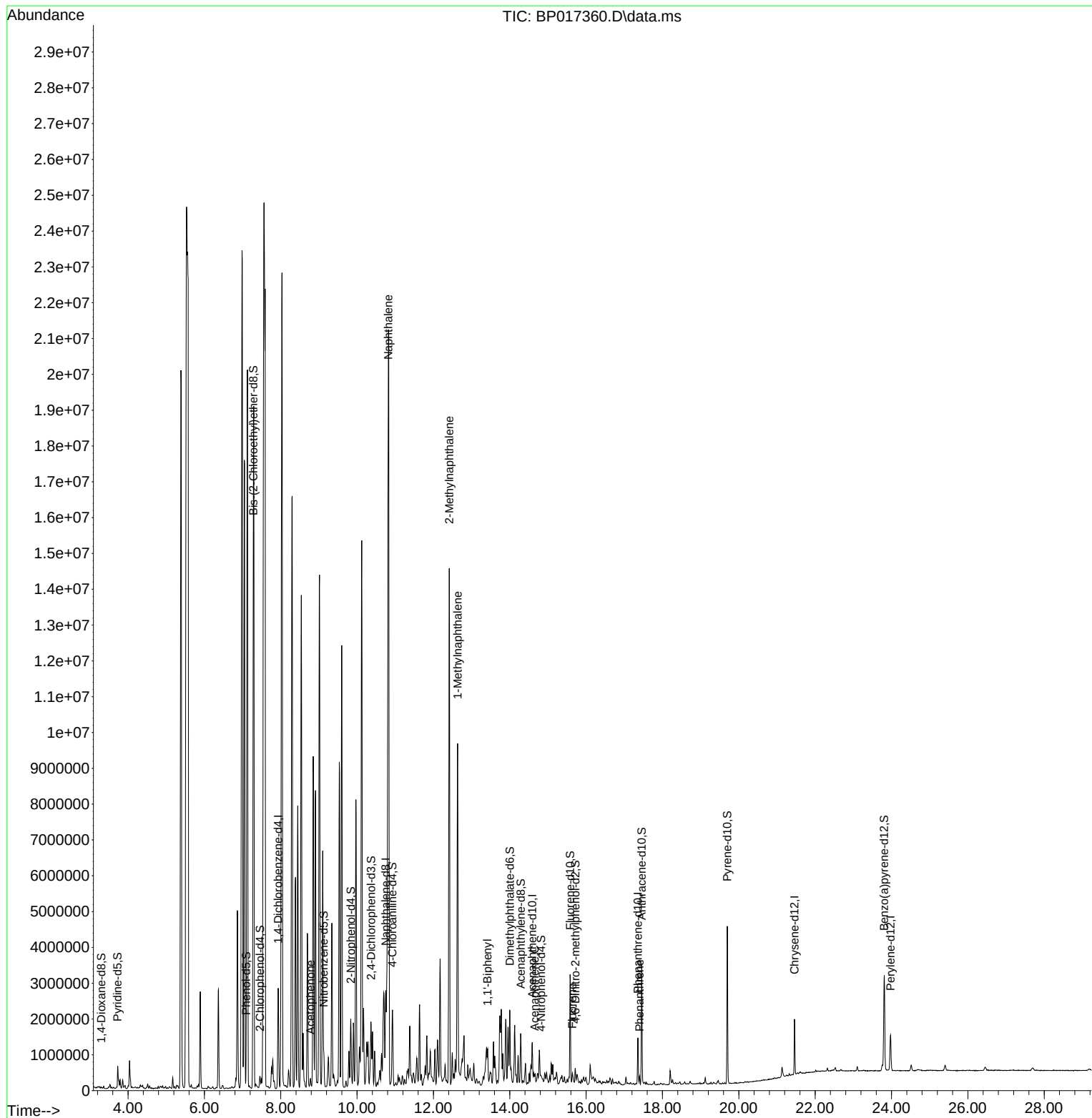
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
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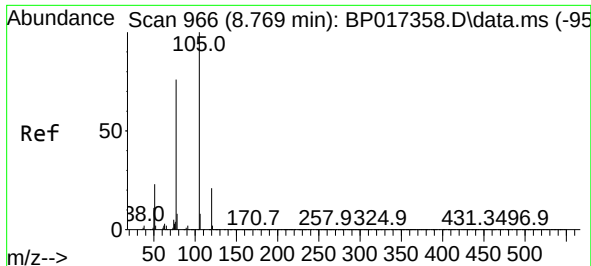
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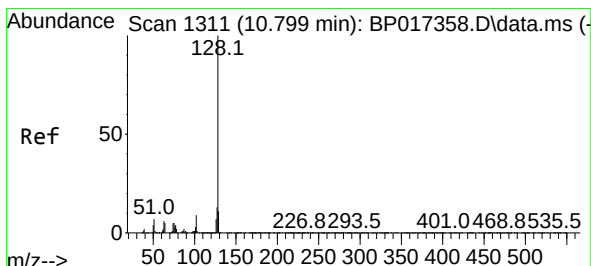
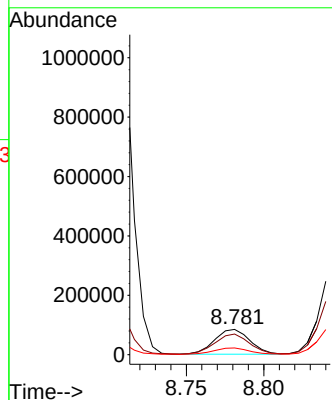
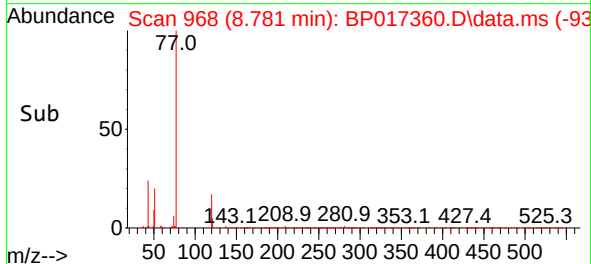
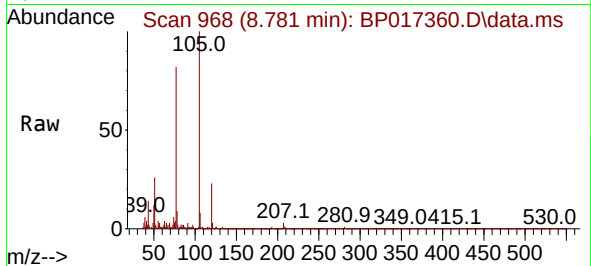
#16
Acetophenone
Concen: 11.247 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Instrument :
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Tgt Ion:105 Resp: 13293
Ion Ratio Lower Upper
105 100
77 81.6 63.6 95.4
51 26.4 19.2 28.8

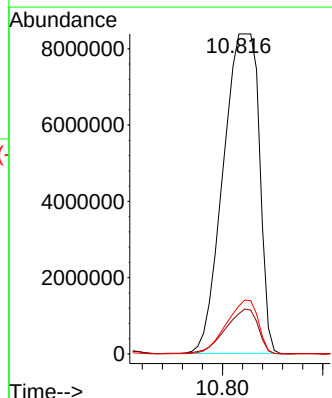
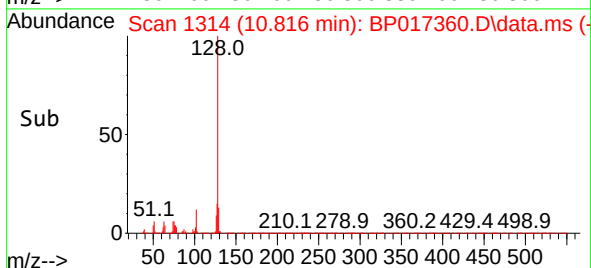
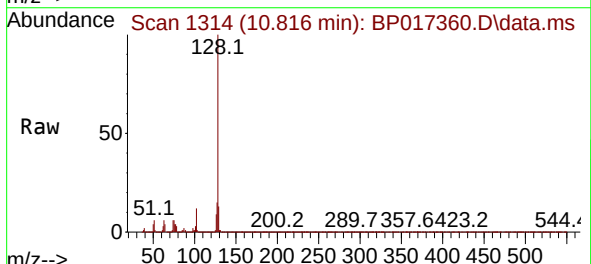
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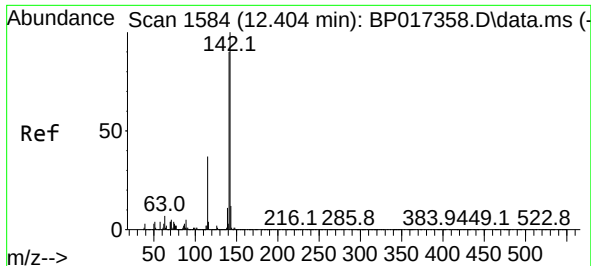
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#30
Naphthalene
Concen: 766.128 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.018 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

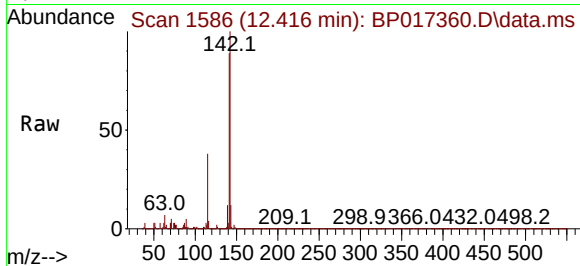
Tgt Ion:128 Resp:20885393
Ion Ratio Lower Upper
128 100
129 12.6 8.6 13.0
127 15.0 10.6 15.8





#36
2-Methylnaphthalene
Concen: 407.038 ng/ul
RT: 12.416 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

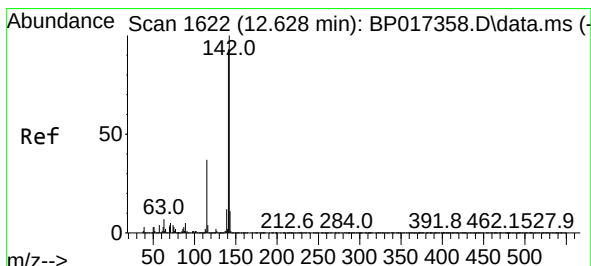
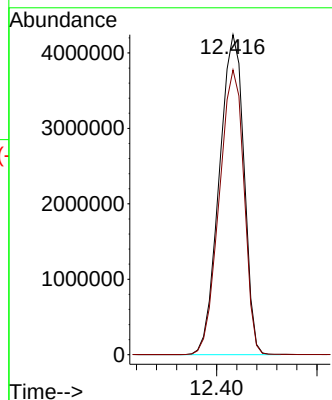
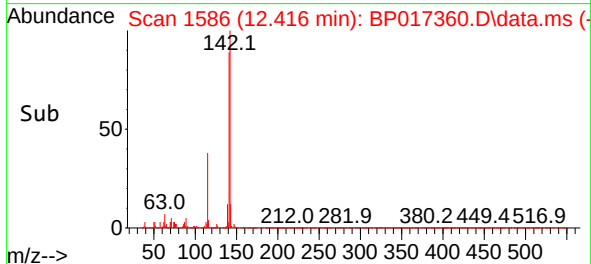
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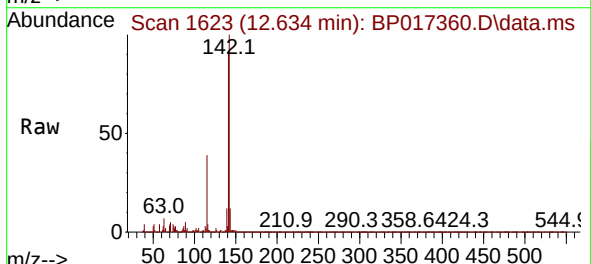
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Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9

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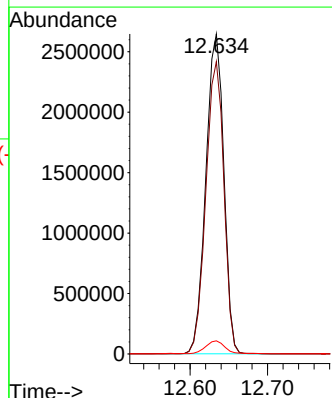
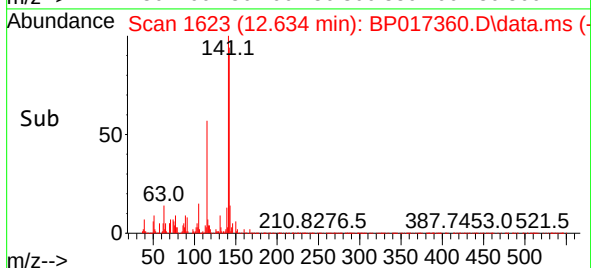
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

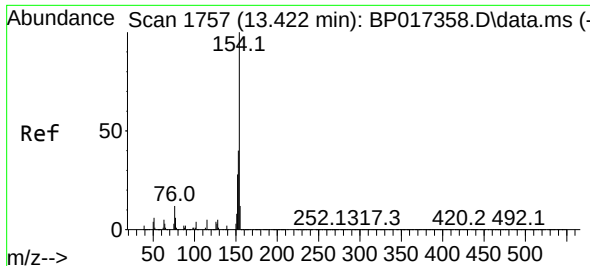


#37
1-Methylnaphthalene
Concen: 233.919 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11



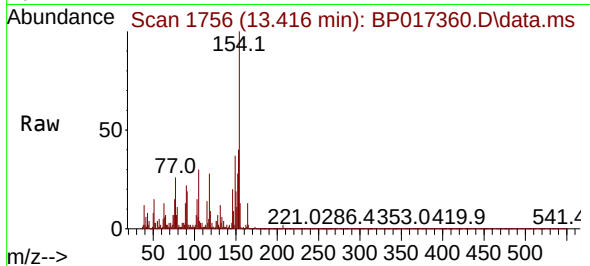
Tgt Ion:142 Resp: 4254556
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 4.1 3.1 4.7





#43
1,1'-Biphenyl
Concen: 7.422 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

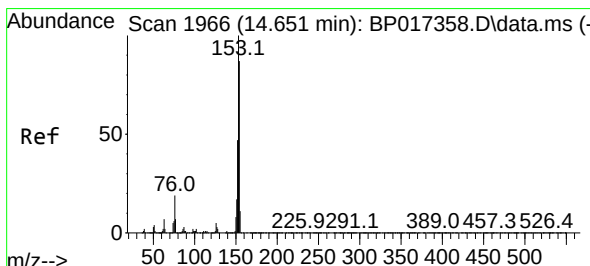
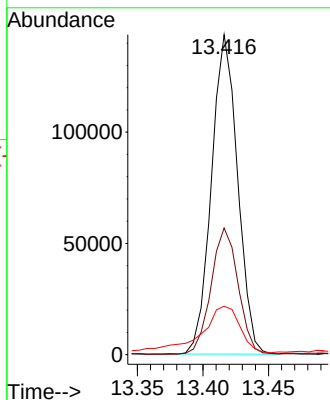
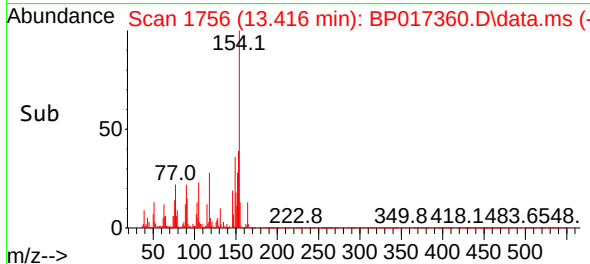
Instrument :
BNA_P
ClientSampleId :
BBKA6



Tgt Ion:154 Resp: 19895
Ion Ratio Lower Upper
154 100
153 39.6 31.5 47.3
76 15.2 11.0 16.6

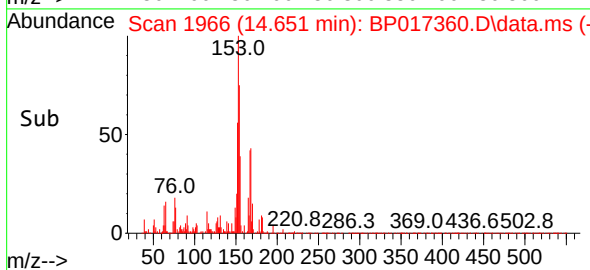
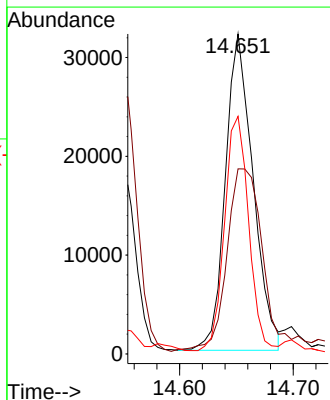
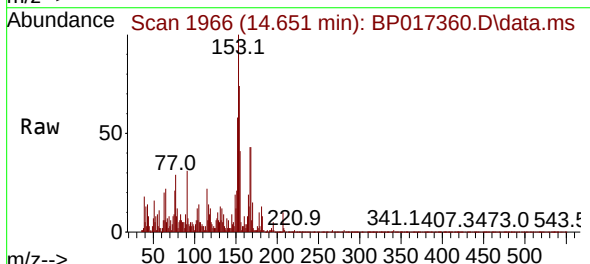
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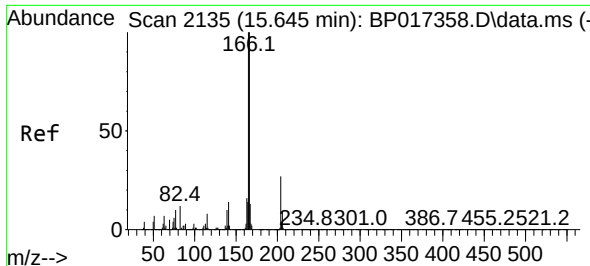
Reviewed By :Yogesh Patel 09/27/2023
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#52
Acenaphthene
Concen: 2.413 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:153 Resp: 54249
Ion Ratio Lower Upper
153 100
152 57.9 38.0 57.0#
154 74.2 70.1 105.1





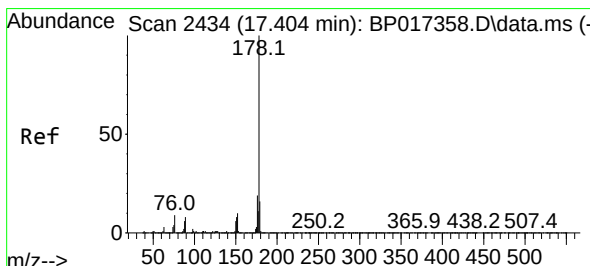
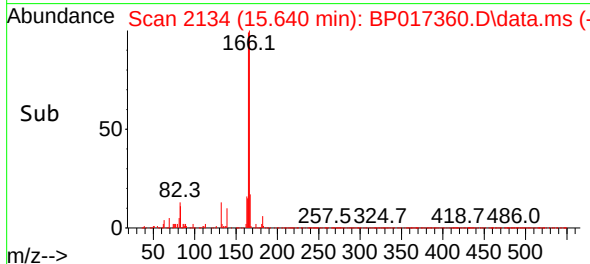
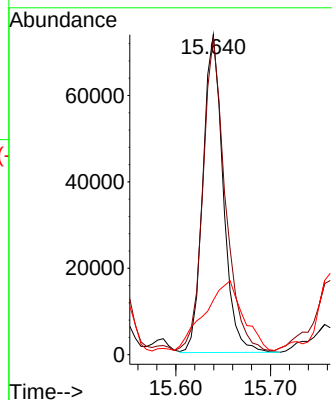
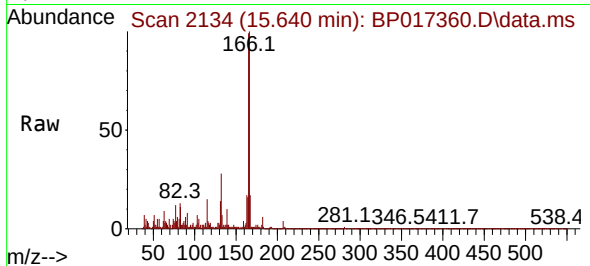
#61
Fluorene
Concen: 4.369 ng/ul
RT: 15.640 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

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Tgt Ion:166 Resp: 10927
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 17.0 10.9 16.3

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#72
Phenanthrene
Concen: 2.971 ng/ul
RT: 17.398 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:178 Resp: 118061
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.9 15.8 23.6

