

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017876.D
 Acq On : 02 Nov 2023 06:44
 Operator : MA/JU
 Sample : 04922-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAR2

Quant Time: Nov 02 07:21:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad
 ahmed 11/04/2023

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

1) 1,4-Dichlorobenzene-d4	7.881	152	182309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	660361	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.581	164	386637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	796286	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	909095	20.000	ng/ul	# 0.02
88) Perylene-d12	24.115	264	972431	20.000	ng/ul	0.05

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 ahmed 11/03/2023

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.281	96	9800	2.000	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.046	99	184049	12.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	120906	12.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	159005	12.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	146947	12.334	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	74314	13.888	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143	82489	13.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	147959	12.758	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	46932	3.092	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	460861	14.199	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	518624	14.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	47926m	10.363	ng/ul	0.01
60) Fluorene-d10	15.586	176	390493	13.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	16071	3.064	ng/ul	0.01
73) Anthracene-d10	17.480	188	590544	14.512	ng/ul	0.00
81) Pyrene-d10	19.745	212	798290	14.006	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.945	264	805840m	14.878	ng/ul	0.05

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Target Compounds

					Qvalue
8) Phenol	7.075	94	30286	2.025	ng/ul# 83
16) Acetophenone	8.740	105	57188	3.053	ng/ul 91
18) 4-Methylphenol	8.669	108	13862	1.156	ng/ul 89
30) Naphthalene	10.763	128	401311	10.560	ng/ul 97
36) 2-Methylnaphthalene	12.387	142	1087049	42.346	ng/ul 100
37) 1-Methylnaphthalene	12.604	142	816826	31.114	ng/ul# 96
43) 1,1'-Biphenyl	13.404	154	533078	16.735	ng/ul 99
52) Acenaphthene	14.651	153	184912	6.746	ng/ul# 79
56) Dibenzofuran	14.986	168	172686	4.487	ng/ul# 68
61) Fluorene	15.645	166	323491	10.234	ng/ul# 89
72) Phenanthrene	17.422	178	1448198	31.046	ng/ul# 95
74) Anthracene	17.516	178	220445	4.666	ng/ul# 62
77) Carbazole	17.810	167	119978	3.005	ng/ul# 11
80) Fluoranthene	19.410	202	771126	11.776	ng/ul 100
82) Pyrene	19.774	202	1191908	17.180	ng/ul 98
85) Benzo(a)anthracene	21.516	228	398513	5.766	ng/ul# 76
86) Bis(2-ethylhexyl)phtha...	21.392	149	957932	28.758	ng/ul# 86
87) Chrysene	21.574	228	487395	7.458	ng/ul# 71
90) Benzo(b)fluoranthene	23.315	252	471085	7.118	ng/ul# 13
91) Benzo(k)fluoranthene	23.357	252	172993m	2.579	ng/ul
93) Benzo(a)pyrene	23.998	252	324920	5.230	ng/ul# 13
94) Indeno(1,2,3-cd)pyrene	26.851	276	182037	2.458	ng/ul# 65
96) Benzo(g,h,i)perylene	27.709	276	143618	2.407	ng/ul# 58

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

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

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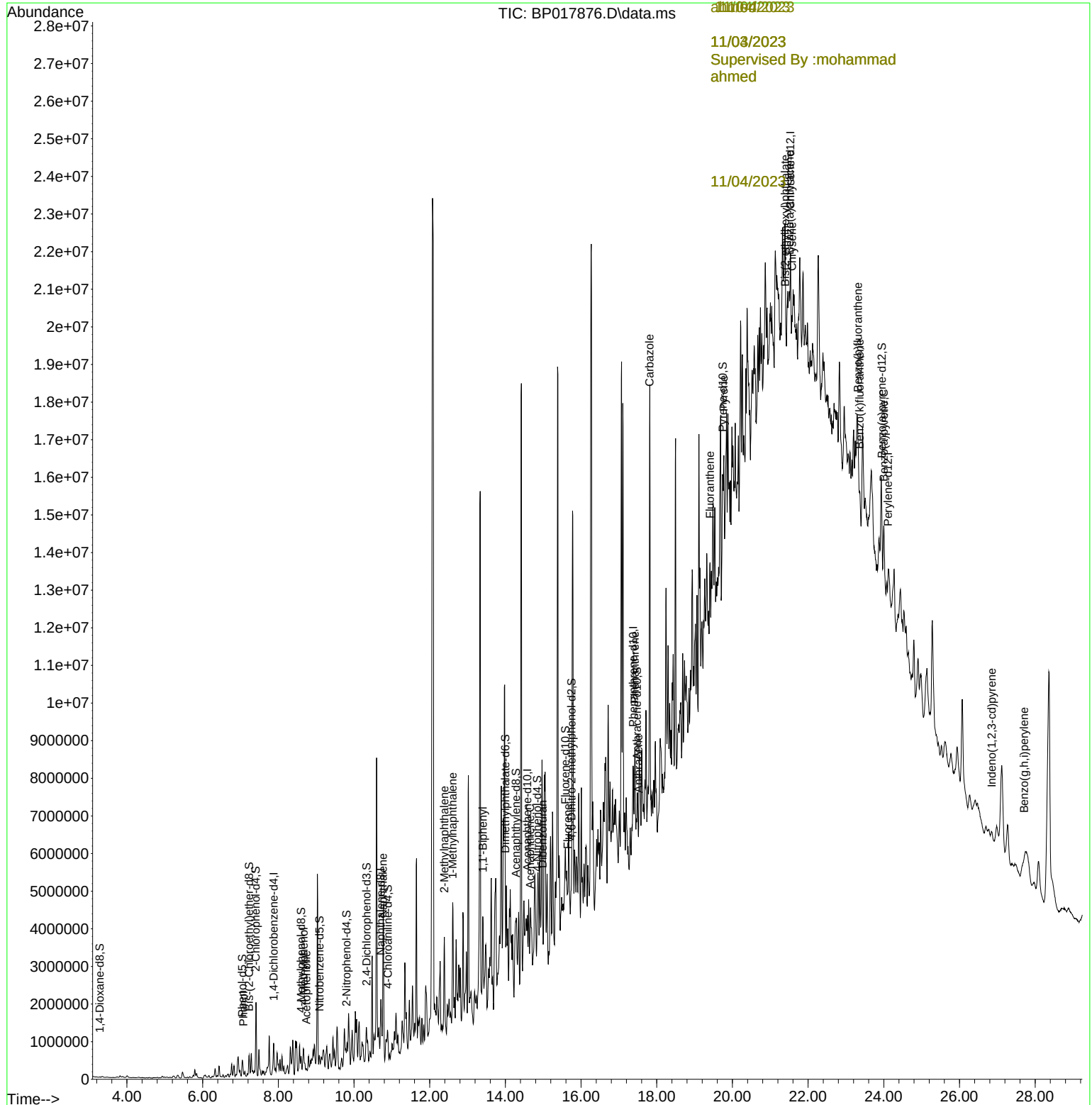
Quant Time: Nov 02 07:21:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
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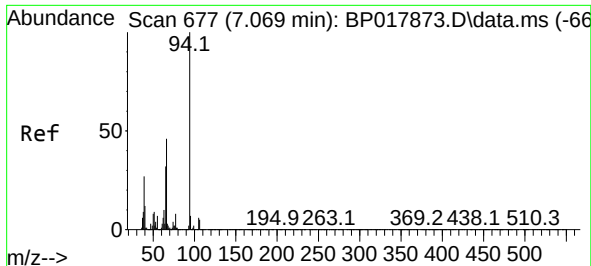
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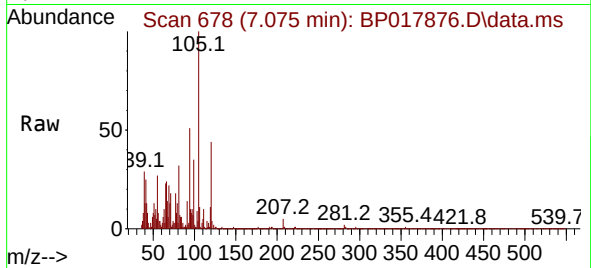
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Supervised By :mohammad
ahmed





#8
Phenol
Concen: 2.025 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017876.D
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Instrument :
BNA_P
ClientSampleId :
EOAR2



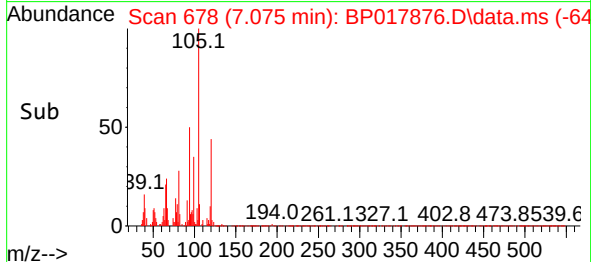
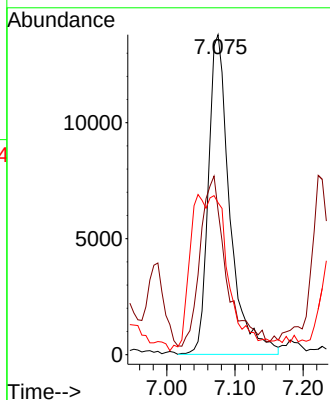
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Ion Ratio Lower Upper
94 100
65 45.1 25.0 37.4
66 47.5 33.0 49.6

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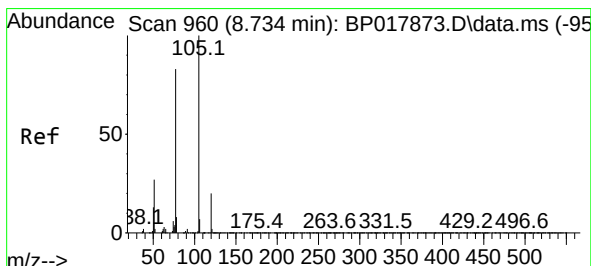
Reviewed By :Yogesh Patel 11/03/2023
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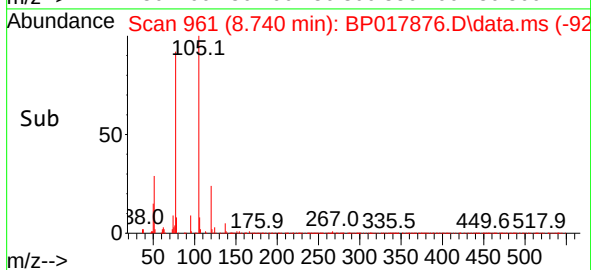
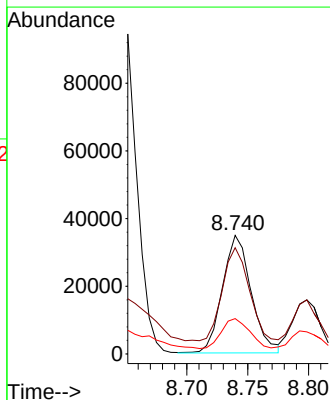
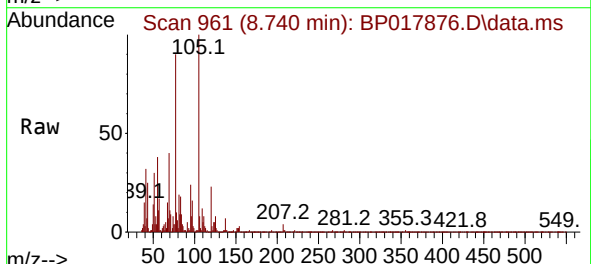


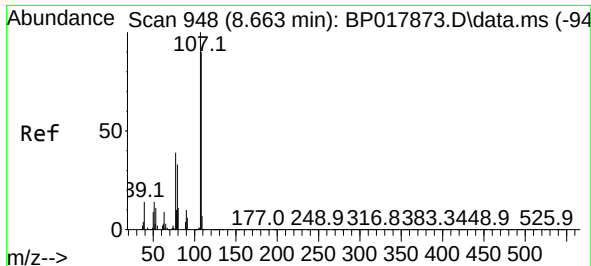
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#16
Acetophenone
Concen: 3.053 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Tgt Ion:105 Resp: 57188
Ion Ratio Lower Upper
105 100
77 89.6 64.4 96.6
51 29.8 21.2 31.8





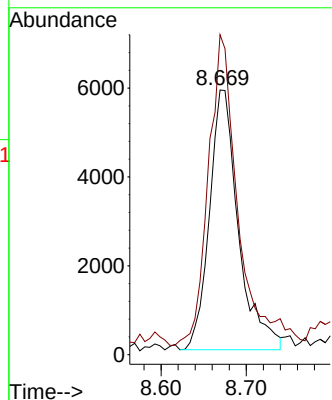
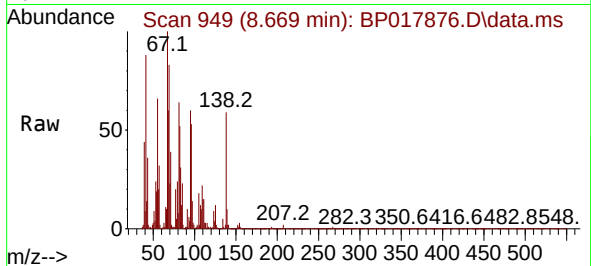
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4-Methylphenol
Concen: 1.156 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :
BNA_P
ClientSampleId :
EOAR2

Tgt Ion:108 Resp: 1386
Ion Ratio Lower Upper
108 100
107 120.9 87.5 131.3

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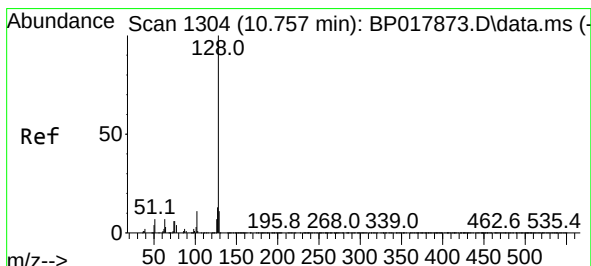
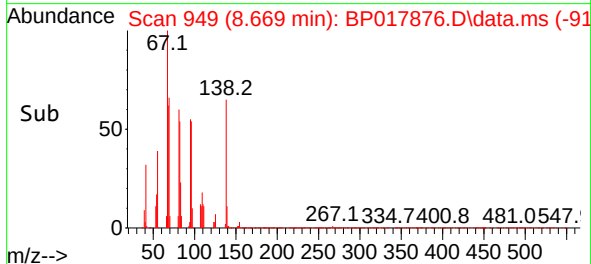
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ahmed 11/04/2023

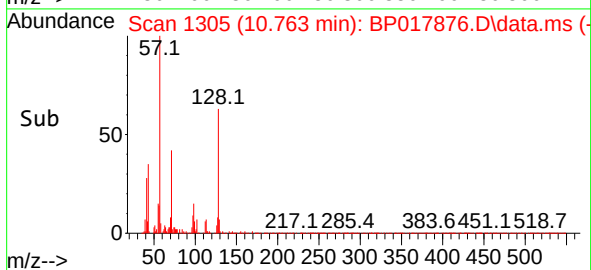
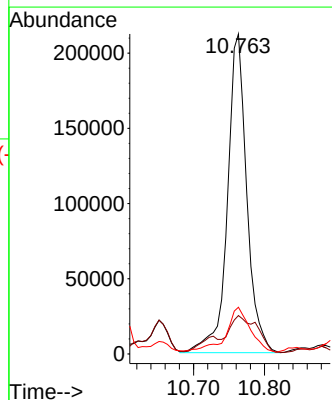
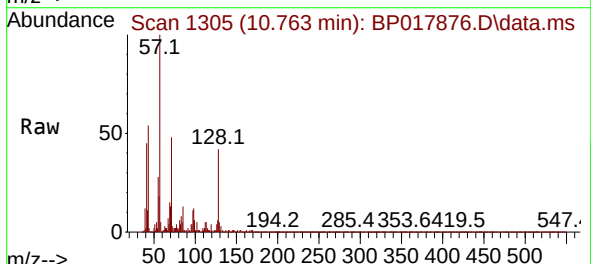
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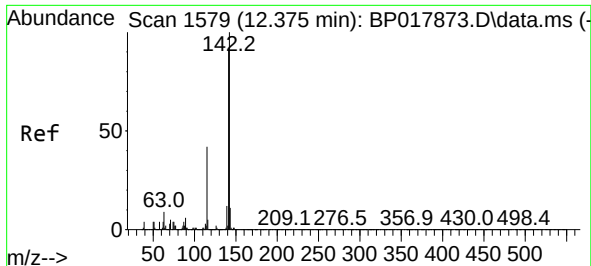
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#30
Naphthalene
Concen: 10.560 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

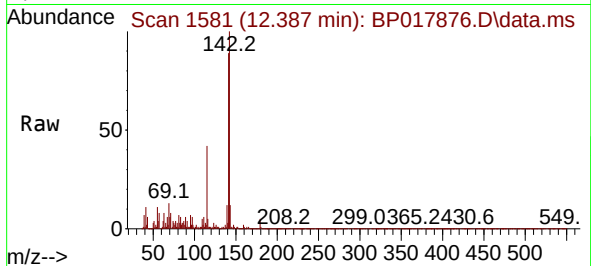
Tgt Ion:128 Resp: 401311
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 14.6 10.5 15.7





#36
2-Methylnaphthalene
Concen: 42.346 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

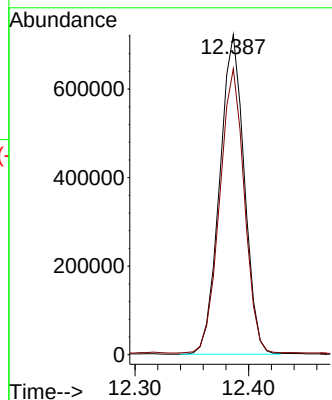
Instrument :
BNA_P
ClientSampleId :
EOAR2



Tgt Ion:142 Resp: 1087049
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3

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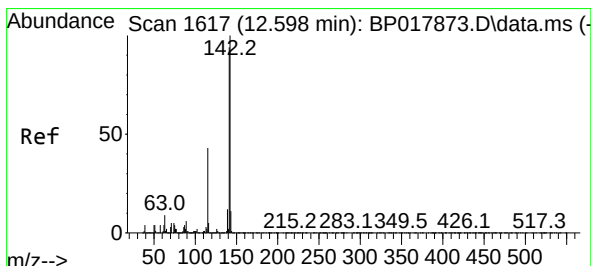
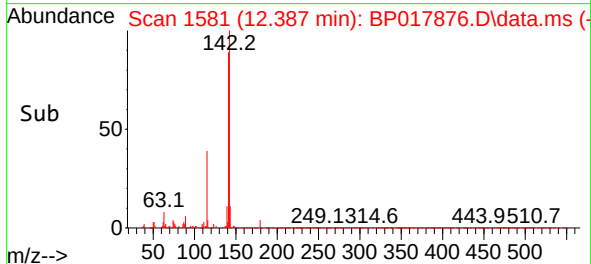
Reviewed By :Yogesh Patel 11/03/2023
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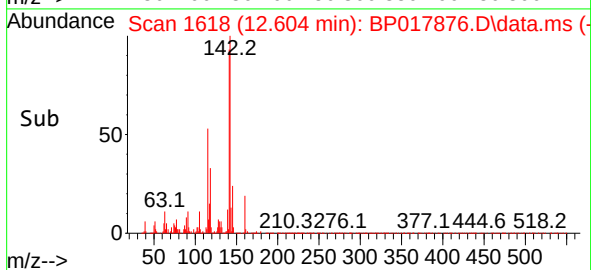
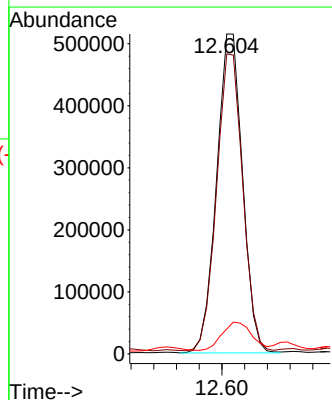
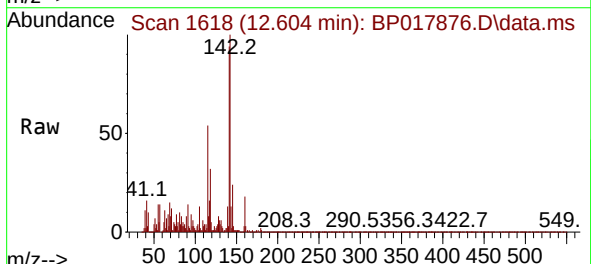
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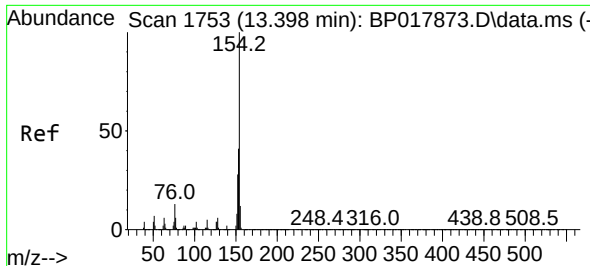
11/04/2023



#37
1-Methylnaphthalene
Concen: 31.114 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

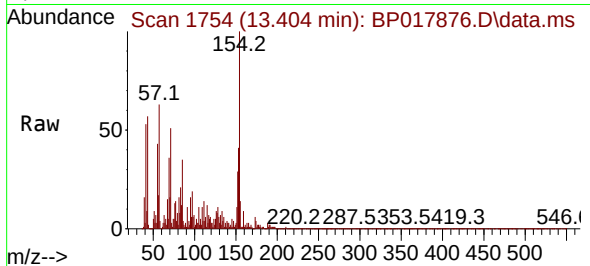
Tgt Ion:142 Resp: 816826
Ion Ratio Lower Upper
142 100
141 93.8 72.5 108.7
116 7.8 3.4 5.2





#43
1,1'-Biphenyl
Concen: 16.735 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :
BNA_P
ClientSampleId :
EOAR2



Tgt Ion:154 Resp: 533078
Ion Ratio Lower Upper
154 100
153 40.6 32.6 49.0
76 13.3 9.8 14.8

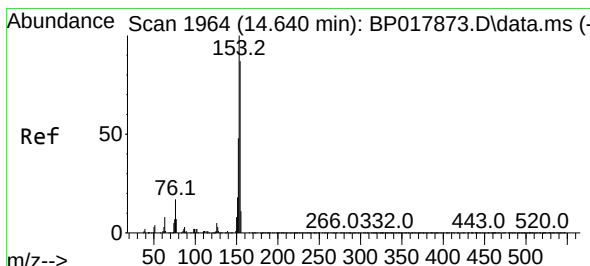
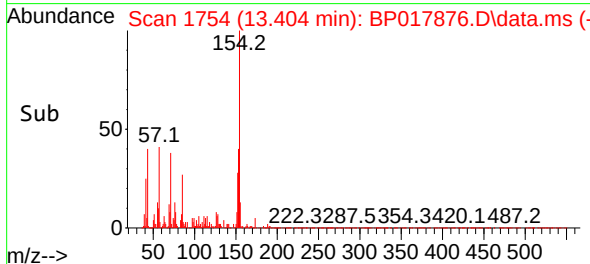
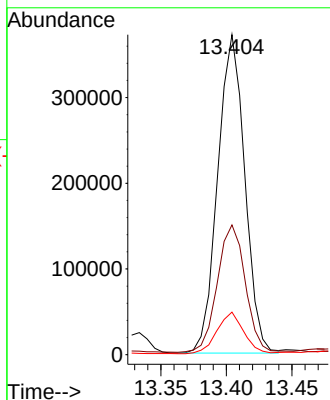
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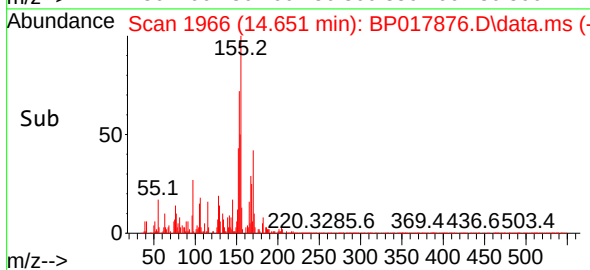
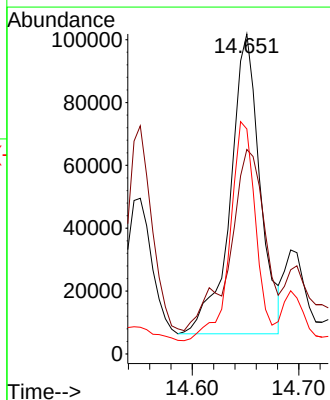
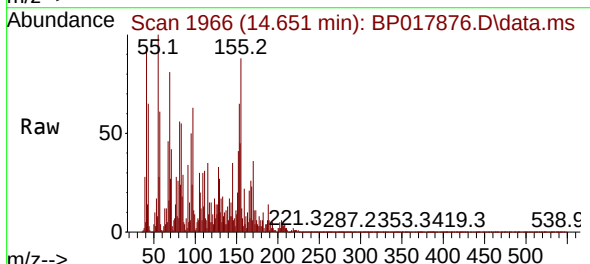
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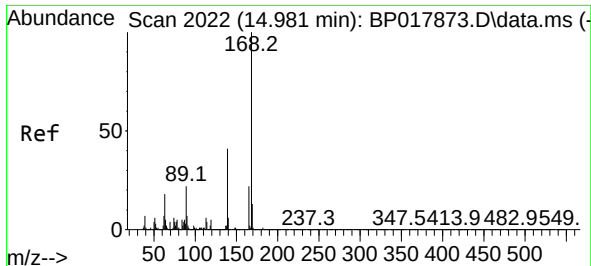
11/04/2023



#52
Acenaphthene
Concen: 6.746 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP017876.D
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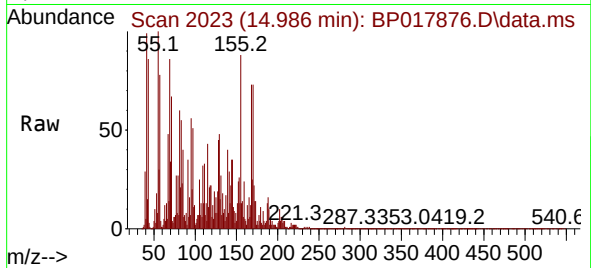
Tgt Ion:153 Resp: 184912
Ion Ratio Lower Upper
153 100
152 63.9 37.6 56.4#
154 70.3 70.0 105.0





#56
Dibenzenofuran
Concen: 4.487 ng/ul
RT: 14.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP017876.D
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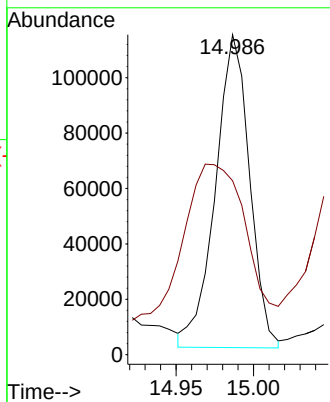
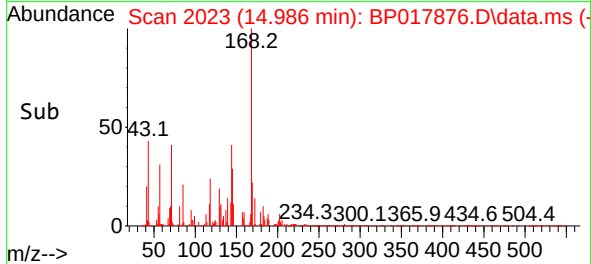
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 172680
Ion Ratio Lower Upper
168 100
139 54.4 28.6 43.0

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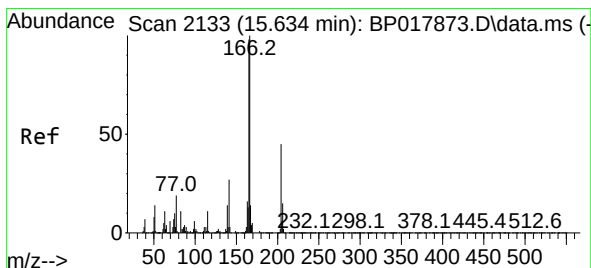
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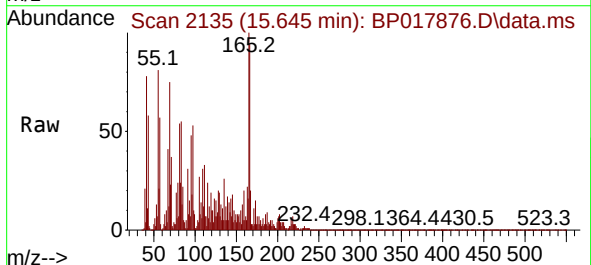
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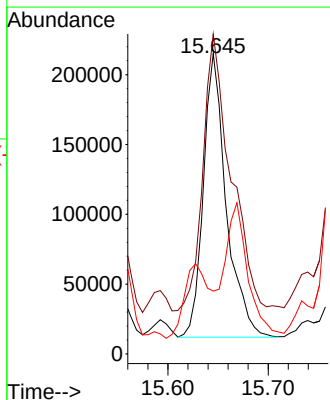
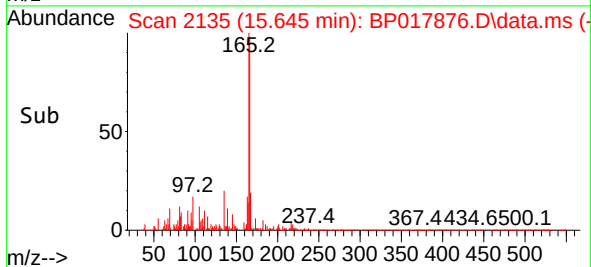
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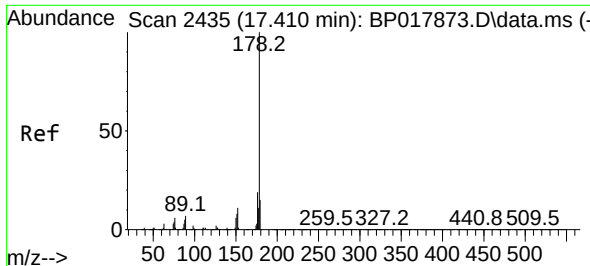


#61
Fluorene
Concen: 10.234 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44



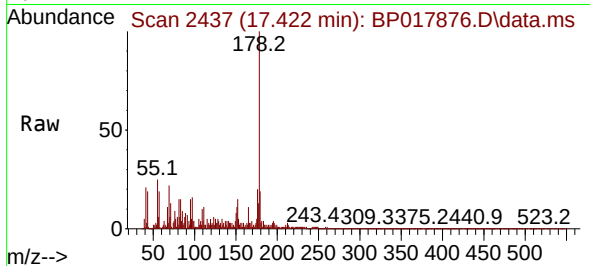
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Ion Ratio Lower Upper
166 100
165 106.5 77.4 116.0
167 21.0 10.9 16.3





#72
Phenanthrene
Concen: 31.046 ng/u1
RT: 17.422 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :
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Tgt Ion:178 Resp: 1448198
Ion Ratio Lower Upper
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179 19.3 12.2 18.2
176 20.0 15.3 22.9

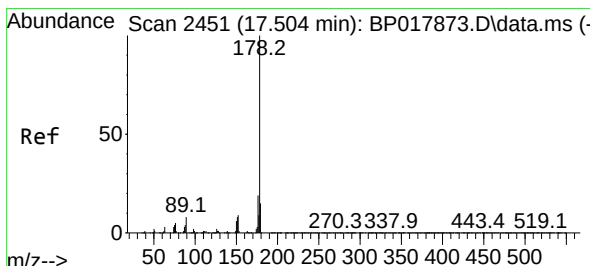
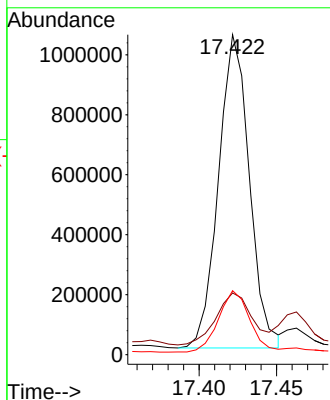
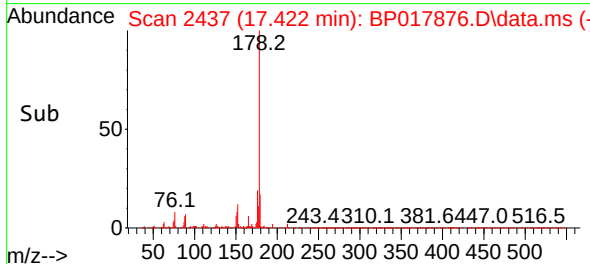
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Supervised By :mohammad
ahmed 11/04/2023

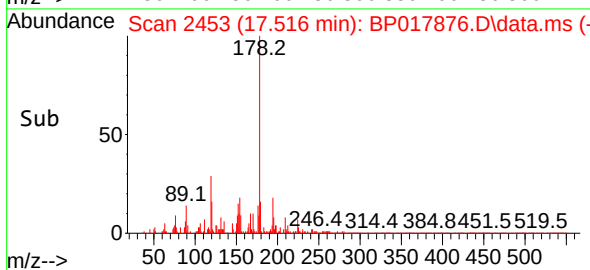
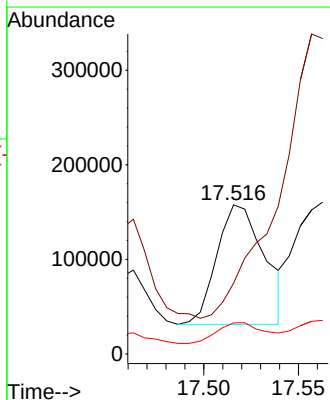
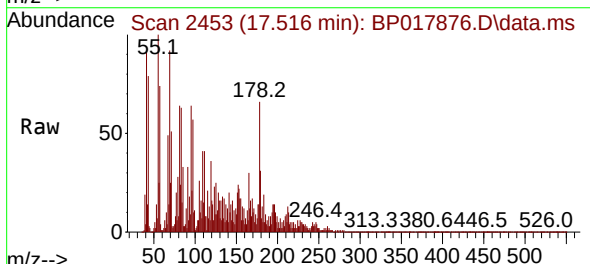
11/03/2023
Supervised By :mohammad
ahmed

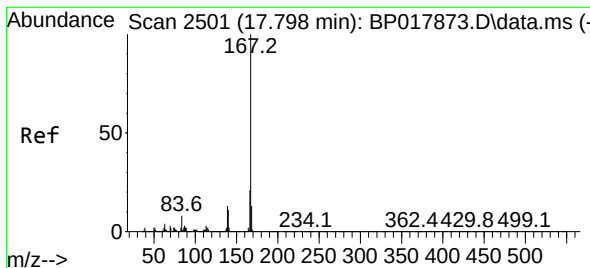
11/04/2023



#74
Anthracene
Concen: 4.666 ng/u1
RT: 17.516 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Tgt Ion:178 Resp: 220445
Ion Ratio Lower Upper
178 100
179 47.5 12.0 18.0
176 20.8 14.8 22.2





#77

Carbazole

Concen: 3.005 ng/uI

RT: 17.810 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BP017876.D

Acq: 02 Nov 2023 06:44

Instrument :

BNA_P

ClientSampleId :

EOAR2

Tgt Ion:	167	Resp:	119978
Ion Ratio	Lower	Upper	
167	100		
166	59.6	16.7	25.1
139	51.0	9.8	14.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad

Supervised By :mohammad

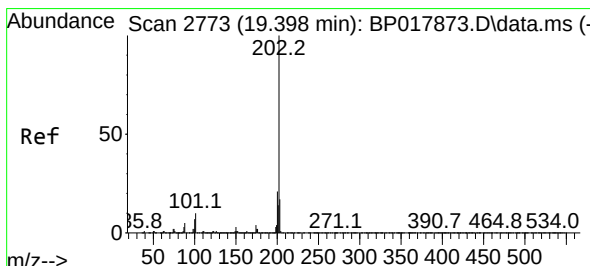
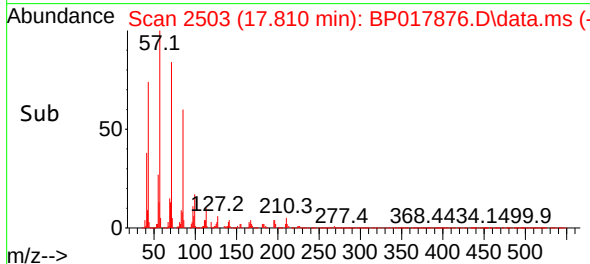
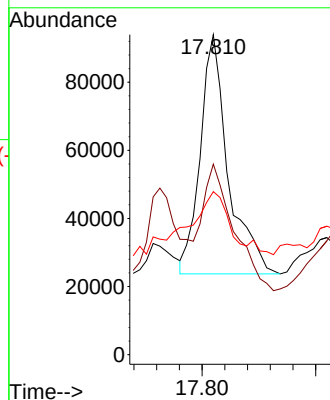
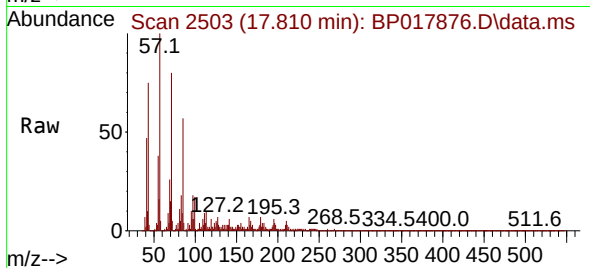
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ahmed

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#80

Fluoranthene

Concen: 11.776 ng/uI

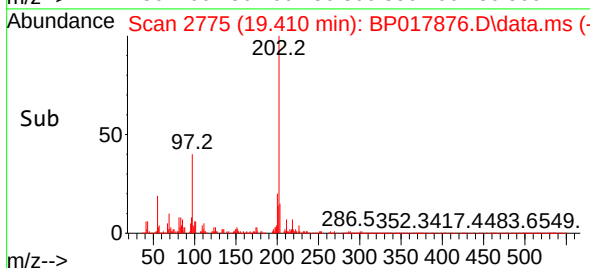
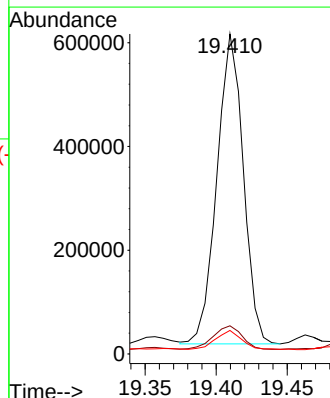
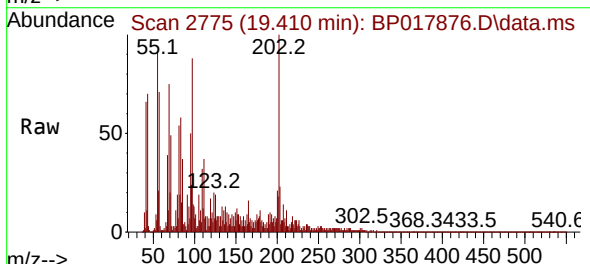
RT: 19.410 min Scan# 2775

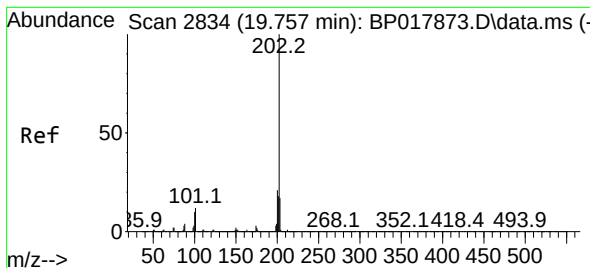
Delta R.T. 0.006 min

Lab File: BP017876.D

Acq: 02 Nov 2023 06:44

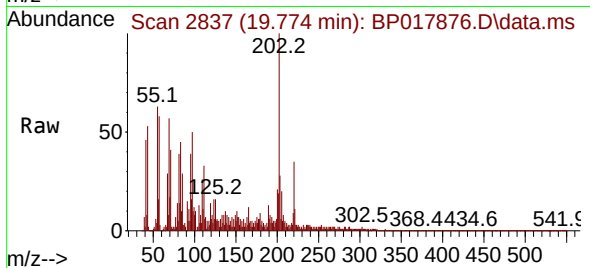
Tgt Ion:	202	Resp:	771126
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.1	10.7
100	7.4	5.7	8.5





#82
Pyrene
Concen: 17.180 ng/u1
RT: 19.774 min Scan# 211908
Delta R.T. 0.012 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :
BNA_P
ClientSampleId :
EOAR2



Tgt Ion:202 Resp: 1191908
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.7 7.4 11.0

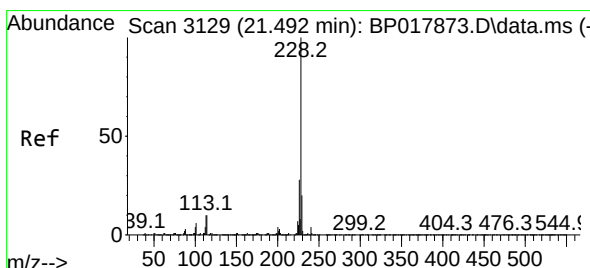
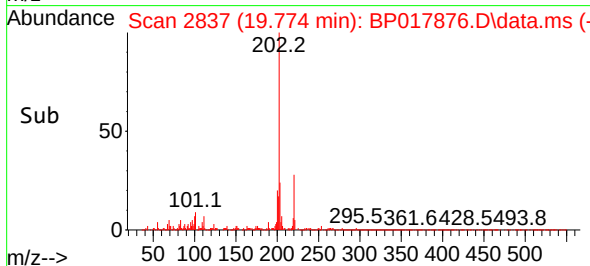
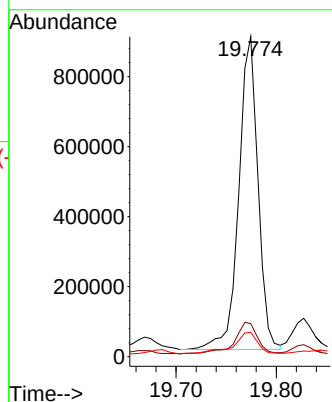
Manual Integrations
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Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad
ahmed 11/04/2023

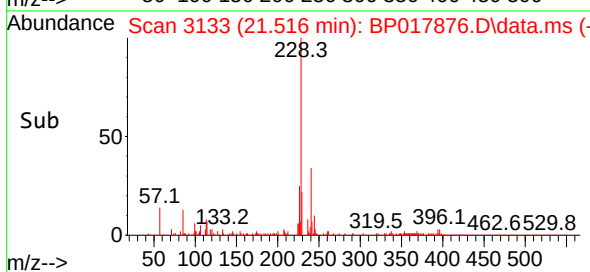
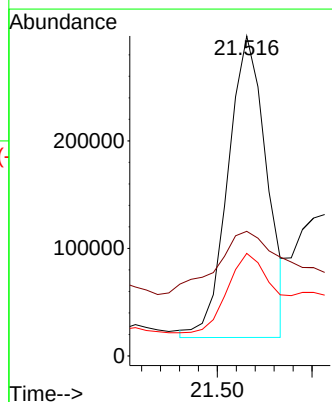
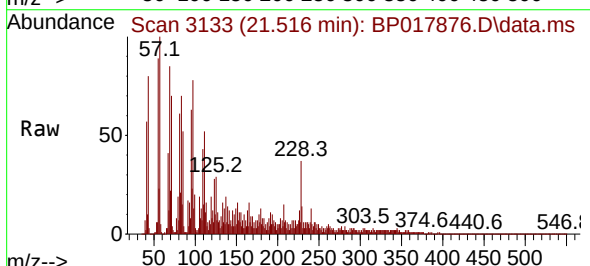
11/03/2023
Supervised By :mohammad
ahmed

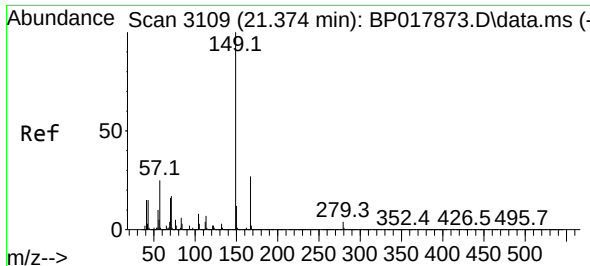
11/04/2023



#85
Benzo(a)anthracene
Concen: 5.766 ng/u1
RT: 21.516 min Scan# 3133
Delta R.T. 0.017 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Tgt Ion:228 Resp: 398513
Ion Ratio Lower Upper
228 100
229 38.9 15.6 23.4#
226 32.1 21.1 31.7#





#86
Bis(2-ethylhexyl)phthalate
Concen: 28.758 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :

BNA_P

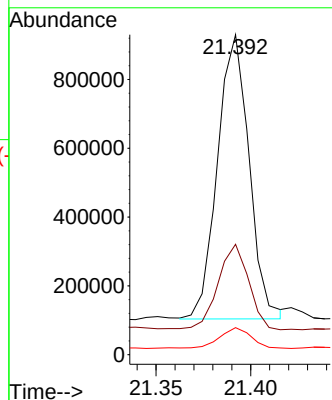
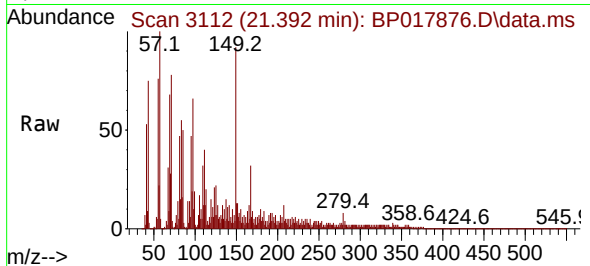
ClientSampleId :

EOAR2

Tgt Ion:149 Resp: 957932
Ion Ratio Lower Upper
149 100
167 34.5 21.6 32.4#
279 8.5 3.6 5.4#

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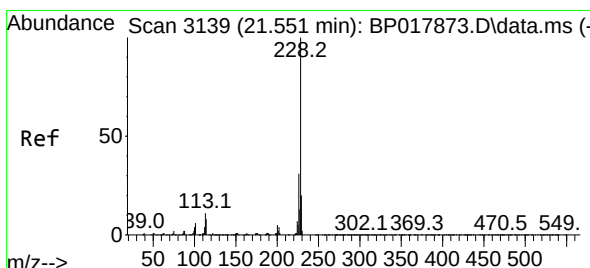
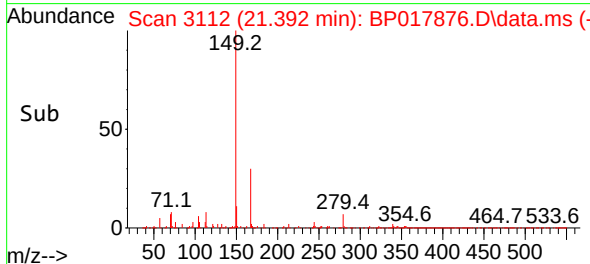
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



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ahmed 11/04/2023

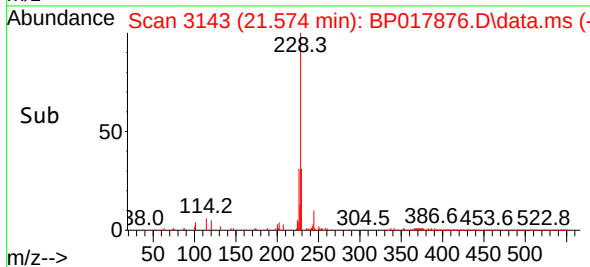
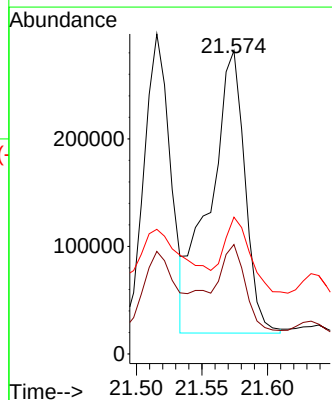
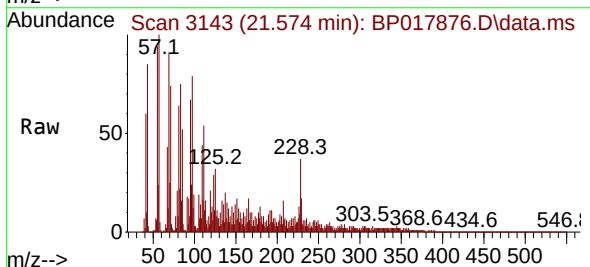
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Supervised By :mohammad
ahmed

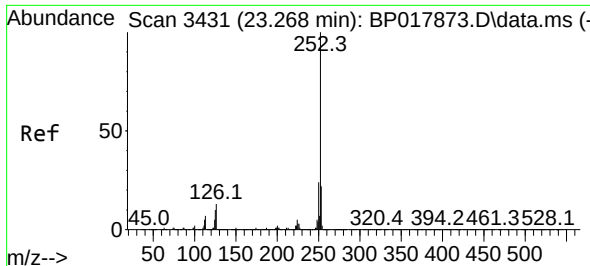
11/04/2023



#87
Chrysene
Concen: 7.458 ng/ul
RT: 21.574 min Scan# 3143
Delta R.T. 0.017 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

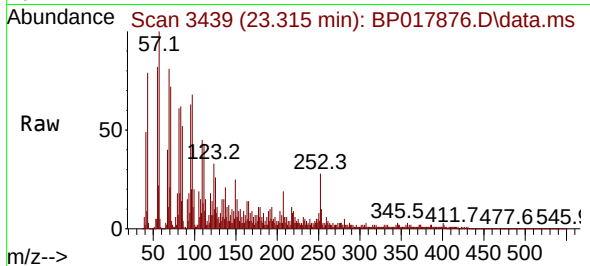
Tgt Ion:228 Resp: 487395
Ion Ratio Lower Upper
228 100
226 36.1 24.0 36.0#
229 45.1 15.5 23.3#





#90
Benzo(b)fluoranthene
Concen: 7.118 ng/ul
RT: 23.315 min Scan# 3439
Delta R.T. 0.041 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Instrument :
BNA_P
ClientSampleId :
EOAR2



Tgt Ion:252 Resp: 471085
Ion Ratio Lower Upper
252 100
253 34.3 17.4 26.0#
125 93.1 7.1 10.7#

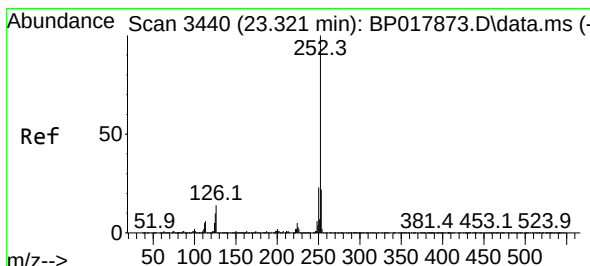
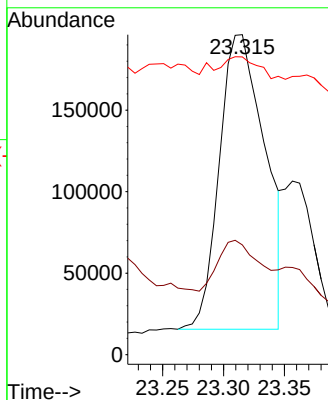
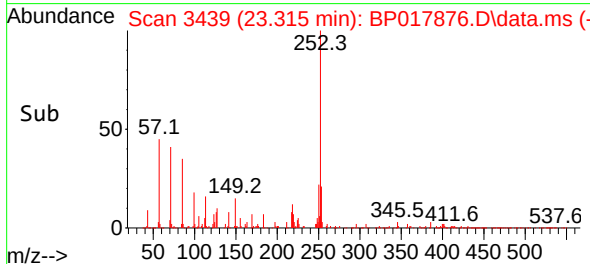
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Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad
ahmed 11/04/2023

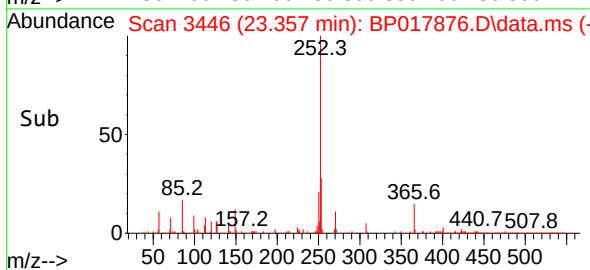
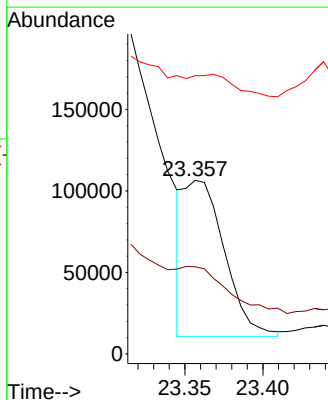
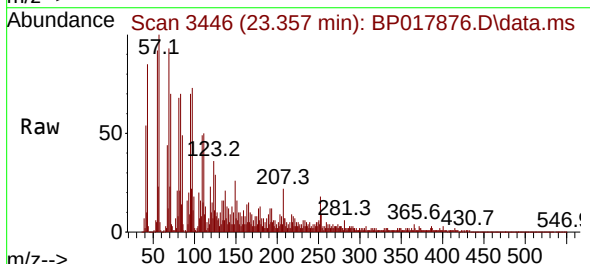
11/03/2023
Supervised By :mohammad
ahmed

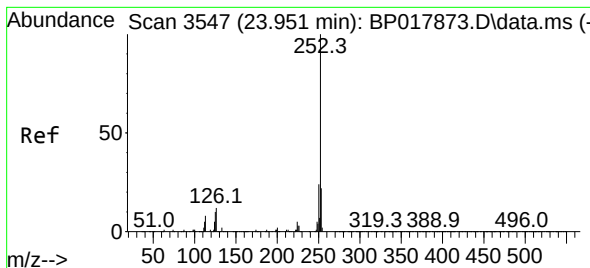
11/04/2023



#91
Benzo(k)fluoranthene
Concen: 2.579 ng/ul m
RT: 23.357 min Scan# 3446
Delta R.T. 0.029 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

Tgt Ion:252 Resp: 172993
Ion Ratio Lower Upper
252 100
253 50.3 17.5 26.3#
125 160.3 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 5.230 ng/ul

RT: 23.998 min Scan# 31

Delta R.T. 0.041 min

Lab File: BP017876.D

Acq: 02 Nov 2023 06:44

Instrument :

BNA_P

ClientSampleId :

EOAR2

Tgt Ion:	252	Resp:	324920
Ion Ratio	Lower	Upper	
252	100		
253	33.2	17.4	26.2
125	93.5	7.8	11.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad

Supervised By :mohammad

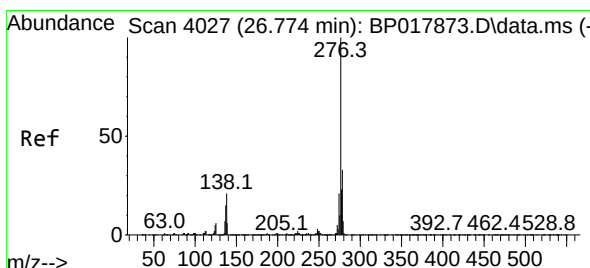
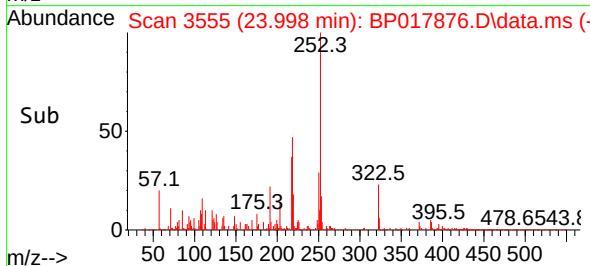
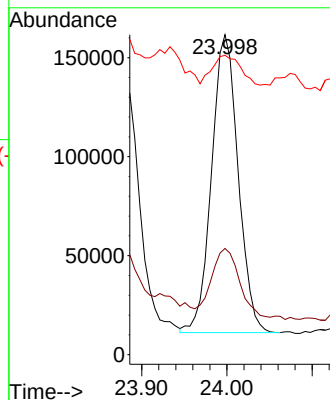
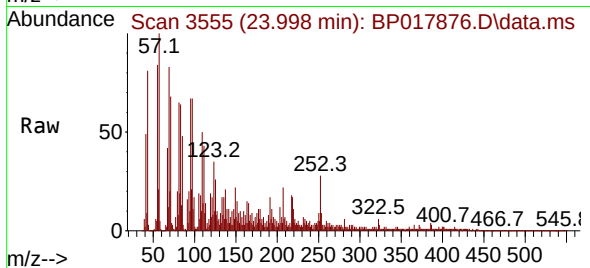
11/03/2023

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.458 ng/ul

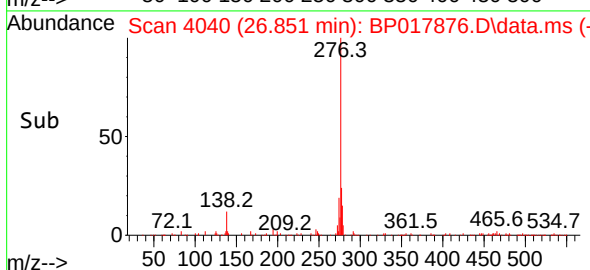
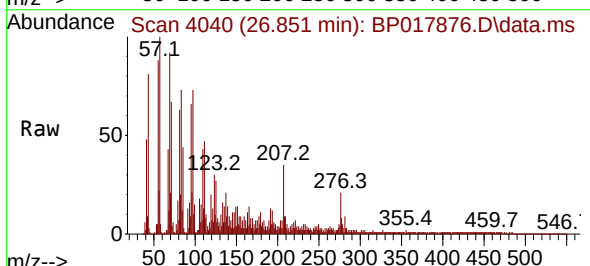
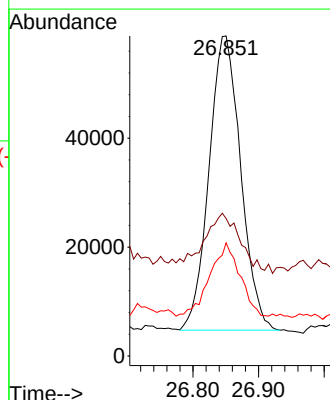
RT: 26.851 min Scan# 4040

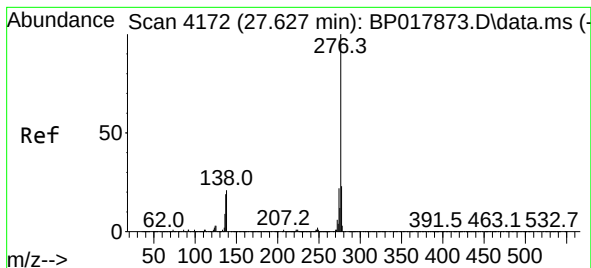
Delta R.T. 0.070 min

Lab File: BP017876.D

Acq: 02 Nov 2023 06:44

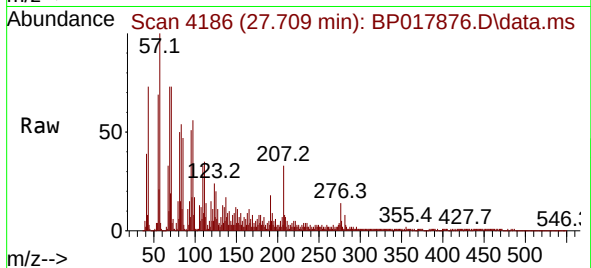
Tgt Ion:	276	Resp:	182037
Ion Ratio	Lower	Upper	
276	100		
138	42.9	15.6	23.4
277	35.4	19.4	29.2





#96
Benzo(g,h,i)perylene
Concen: 2.407 ng/ul
RT: 27.709 min Scan# 4186
Delta R.T. 0.082 min
Lab File: BP017876.D
Acq: 02 Nov 2023 06:44

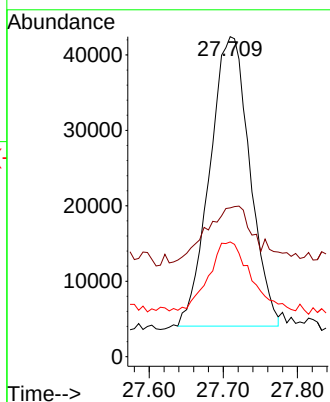
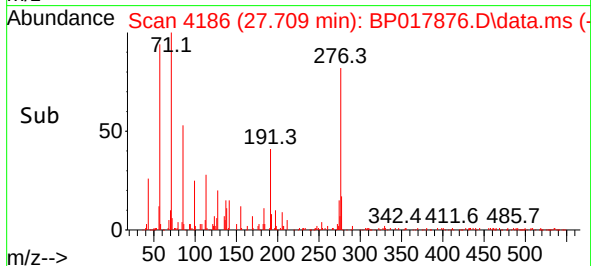
Instrument :
BNA_P
ClientSampleId :
EOAR2



Tgt Ion:276 Resp: 143618
Ion Ratio Lower Upper
276 100
138 46.5 15.0 22.6
277 35.9 18.5 27.7

Manual Integrations
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Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



Supervised By :mohammad
ahmed 11/04/2023

11/03/2023
Supervised By :mohammad
ahmed

11/04/2023